

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013579.D
 Acq On : 15 Jan 2018 11:36
 Operator : SJ/JU
 Sample : J1079-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJL1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.787	301	306	312	rVB4	29639	50177	1.29%	0.071%
2	6.804	643	649	659	rBV	493478	899313	23.08%	1.274%
3	6.969	670	677	685	rBV	420774	665172	17.07%	0.942%
4	7.157	701	709	719	rVB	565643	900903	23.12%	1.276%
5	7.622	781	788	797	rBV	514409	827898	21.25%	1.173%
6	8.334	902	909	919	rBV	620463	1038399	26.65%	1.471%
7	8.775	977	984	991	rBV	538968	911421	23.39%	1.291%
8	8.834	991	994	1000	rVB5	25885	40973	1.05%	0.058%
9	9.492	1098	1106	1117	rBV	447887	799175	20.51%	1.132%
10	10.028	1185	1197	1205	rBV	654089	1153449	29.61%	1.634%
11	10.398	1247	1260	1267	rBV	659534	1202598	30.87%	1.704%
12	10.545	1275	1285	1295	rBV	578279	1109140	28.47%	1.571%
13	11.092	1367	1378	1382	rBV10	27400	87287	2.24%	0.124%
14	11.157	1386	1389	1397	rVV7	22475	44823	1.15%	0.064%
15	11.233	1397	1402	1407	rVV8	32720	57602	1.48%	0.082%
16	11.322	1411	1417	1420	rVB7	34923	62101	1.59%	0.088%
17	11.422	1427	1434	1440	rBV	160741	282028	7.24%	0.400%
18	11.828	1495	1503	1510	rBV	204438	345526	8.87%	0.490%
19	11.969	1524	1527	1530	rBV4	29683	44454	1.14%	0.063%
20	12.057	1538	1542	1549	rVB5	63407	113832	2.92%	0.161%
21	12.128	1550	1554	1562	rBV8	30166	63523	1.63%	0.090%
22	12.198	1562	1566	1569	rBV5	36955	55543	1.43%	0.079%
23	12.286	1576	1581	1584	rBV6	28617	50436	1.29%	0.071%
24	12.475	1609	1613	1617	rBV2	73646	110557	2.84%	0.157%
25	12.516	1617	1620	1628	rVV9	39118	81877	2.10%	0.116%
26	12.586	1629	1632	1639	rVB4	74092	121669	3.12%	0.172%
27	12.657	1640	1644	1648	rBV2	111841	172686	4.43%	0.245%
28	12.745	1655	1659	1664	rBV	122668	194187	4.98%	0.275%
29	12.798	1664	1668	1674	rVB	441470	610561	15.67%	0.865%
30	13.092	1710	1718	1727	rBV	671274	1118993	28.72%	1.585%
31	13.186	1730	1734	1737	rBV4	113816	173050	4.44%	0.245%
32	13.257	1744	1746	1750	rVB	112814	120774	3.10%	0.171%
33	13.627	1805	1809	1813	rVB4	87184	152365	3.91%	0.216%
34	13.686	1813	1819	1824	rBV	1286959	1984010	50.93%	2.811%

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35	13.757	1824	1831	1835	rVV2	924987	1709037	43.87%	2.421%
36	13.804	1835	1839	1847	rVB2	270825	459919	11.81%	0.652%
37	13.874	1848	1851	1855	rVB	161867	209219	5.37%	0.296%
38	13.963	1861	1866	1873	rVB	1518276	2174795	55.82%	3.081%
39	14.180	1897	1903	1907	rBV	1505306	2059986	52.88%	2.918%
40	14.274	1911	1919	1929	rVB3	990336	2060159	52.88%	2.919%
41	14.457	1945	1950	1953	rBV7	112894	238759	6.13%	0.338%
42	14.492	1953	1956	1965	rVB3	287488	691639	17.75%	0.980%
43	14.686	1985	1989	1992	rBV	339579	447994	11.50%	0.635%
44	14.804	2005	2009	2014	rVB2	690532	975281	25.03%	1.382%
45	14.869	2018	2020	2024	rVB	227367	234635	6.02%	0.332%
46	15.139	2061	2066	2070	rVB	1891184	2307776	59.24%	3.269%
47	15.268	2084	2088	2094	rVB	1857425	2636562	67.68%	3.735%
48	15.321	2094	2097	2100	rBV5	166679	238655	6.13%	0.338%
49	15.404	2108	2111	2122	rVB5	419409	754190	19.36%	1.068%
50	15.545	2128	2135	2140	rBV	1441657	2498970	64.14%	3.540%
51	15.639	2147	2151	2156	rVB2	347787	535157	13.74%	0.758%
52	15.692	2157	2160	2165	rBV3	398264	674035	17.30%	0.955%
53	15.757	2167	2171	2175	rVB3	342824	551812	14.16%	0.782%
54	16.004	2208	2213	2215	rBV	2579952	3638495	93.39%	5.155%
55	16.345	2268	2271	2273	rBV2	275197	364121	9.35%	0.516%
56	16.792	2343	2347	2351	rBV	1937728	2314973	59.42%	3.280%
57	16.845	2352	2356	2369	rVB	2113014	3298865	84.68%	4.674%
58	17.027	2382	2387	2394	rBV2	1279721	2011971	51.64%	2.850%
59	17.121	2399	2403	2409	rVB	2160445	3084142	79.17%	4.369%
60	17.451	2456	2459	2463	rVB	429178	580474	14.90%	0.822%
61	17.533	2469	2473	2478	rVB	1682396	2020155	51.85%	2.862%
62	17.927	2537	2540	2544	rBV3	440986	616657	15.83%	0.874%
63	18.227	2587	2591	2595	rVB	1195965	1414557	36.31%	2.004%
64	18.862	2696	2699	2703	rVB	960403	1014008	26.03%	1.437%
65	19.427	2790	2795	2802	rVB	2375874	3895838	100.00%	5.519%
66	19.980	2886	2889	2893	rVB	447055	480167	12.33%	0.680%
67	20.480	2971	2974	2978	rVB	266023	296680	7.62%	0.420%
68	20.939	3049	3052	3061	rVB	701737	941884	24.18%	1.334%
69	21.221	3095	3100	3106	rBV	1596452	2098354	53.86%	2.973%
70	23.280	3445	3450	3463	rVB2	1766244	3471790	89.12%	4.919%
71	23.421	3469	3474	3483	rVB	1076148	1936818	49.72%	2.744%

LSC Area Percent Report

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Integrator: RTE
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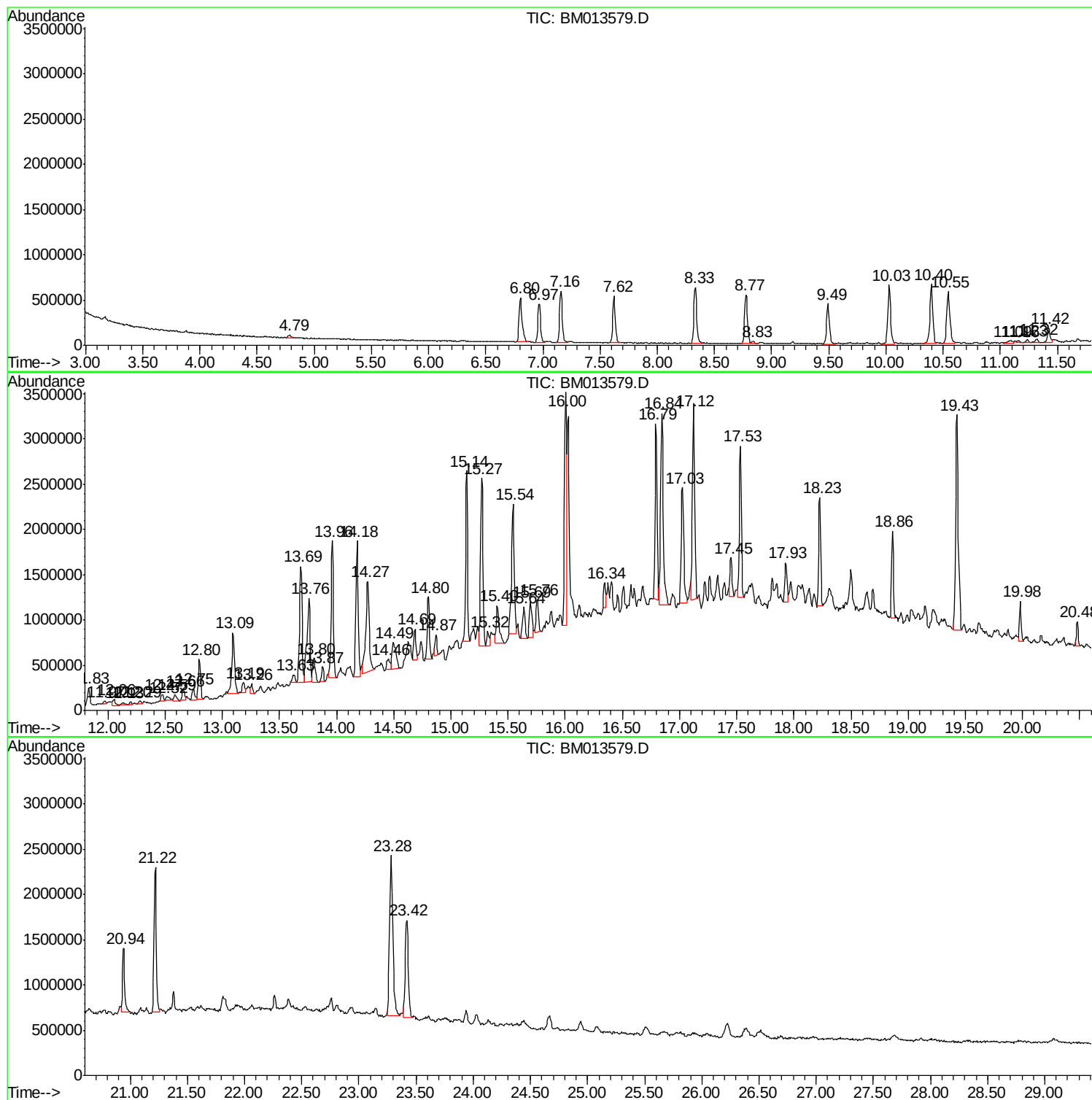
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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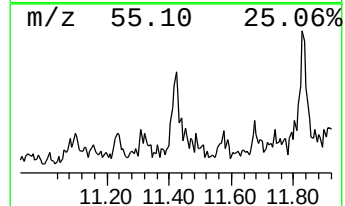
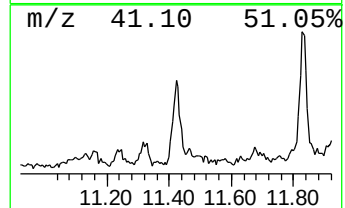
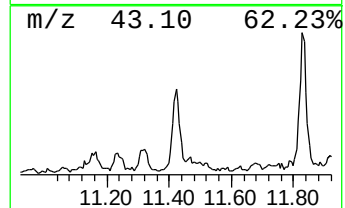
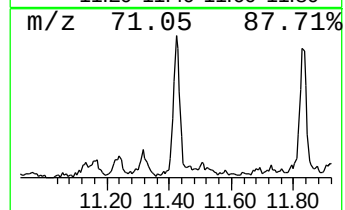
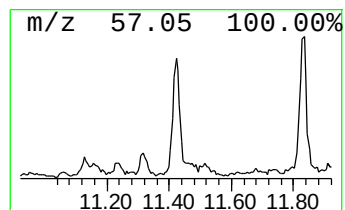
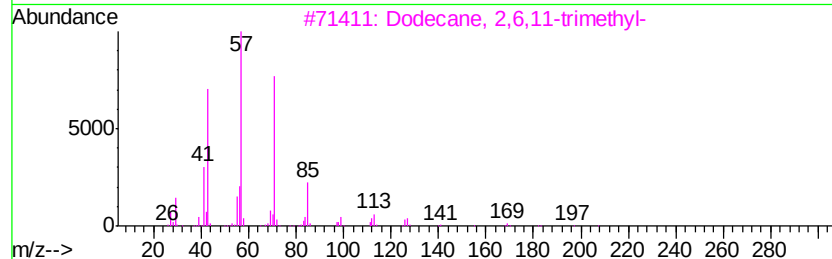
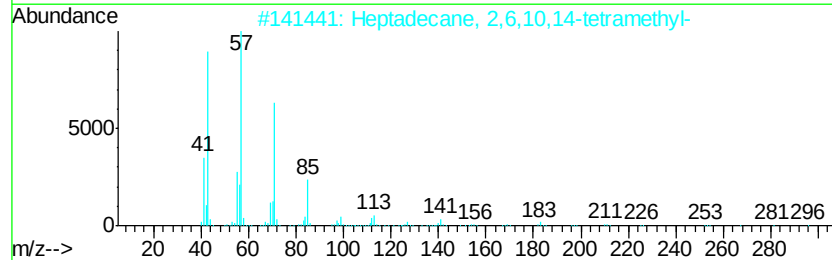
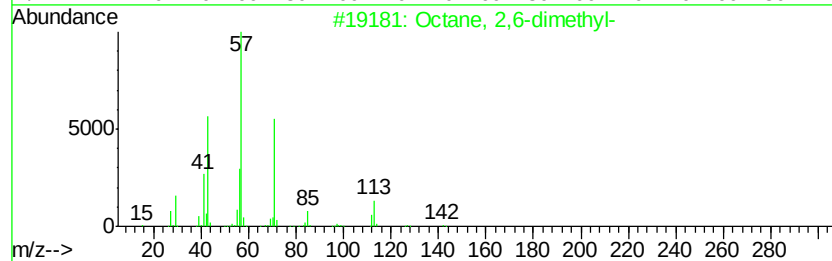
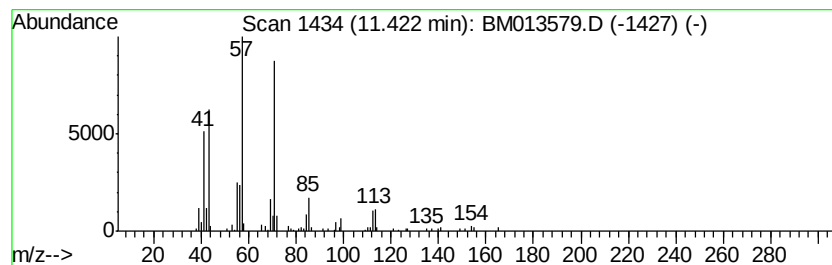
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	4.69 ng/ul	282028	Naphthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5		Decane, 4-methyl-	156	C11H24	002847-72-5	64



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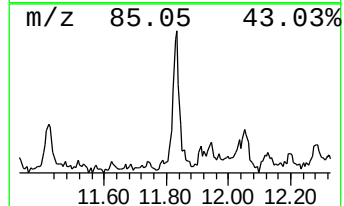
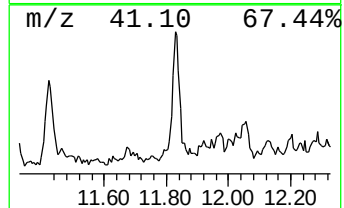
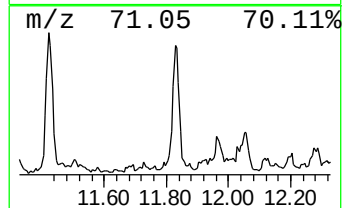
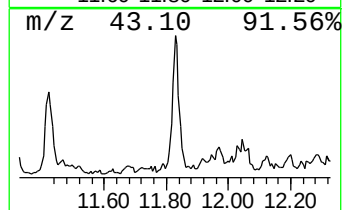
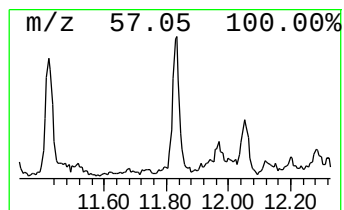
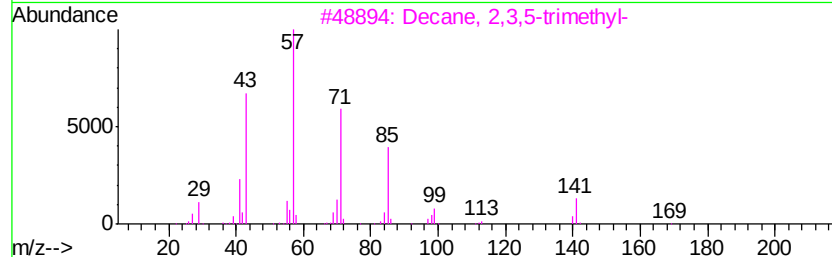
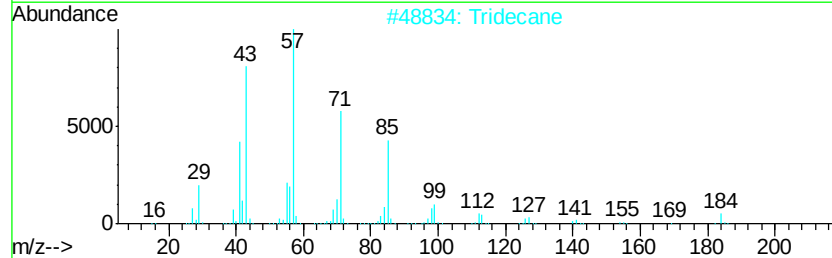
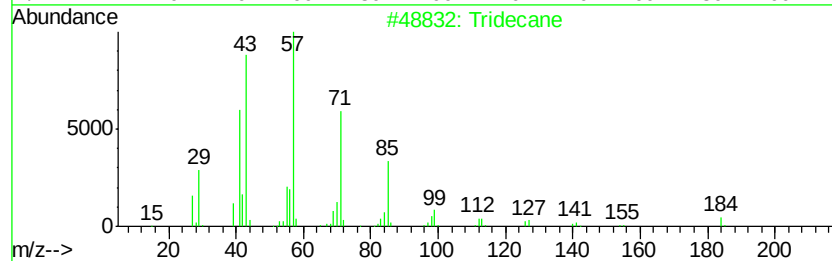
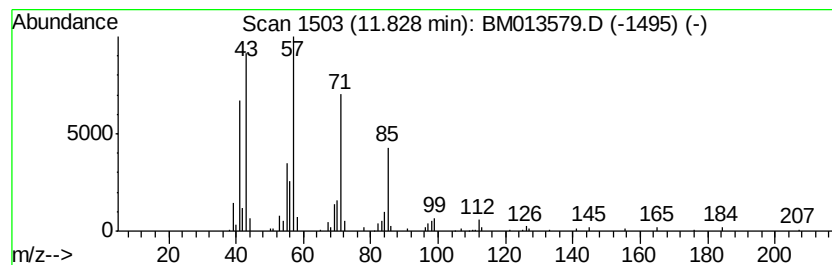
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	5.75 ng/ul	345526	Napthalene-d8	10.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Tridecane	184	C13H28	000629-50-5	86
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70



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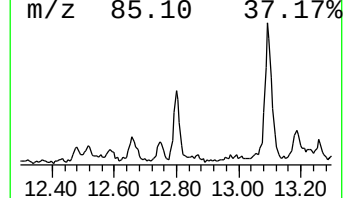
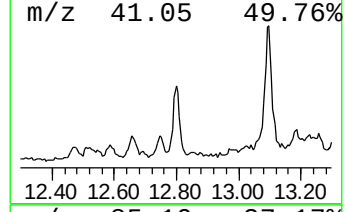
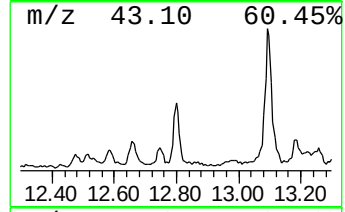
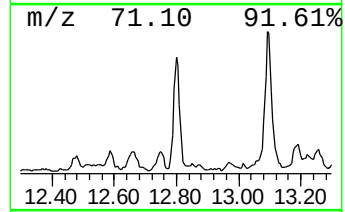
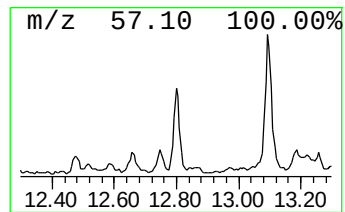
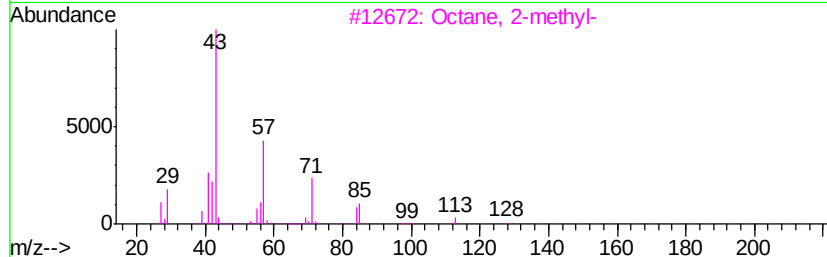
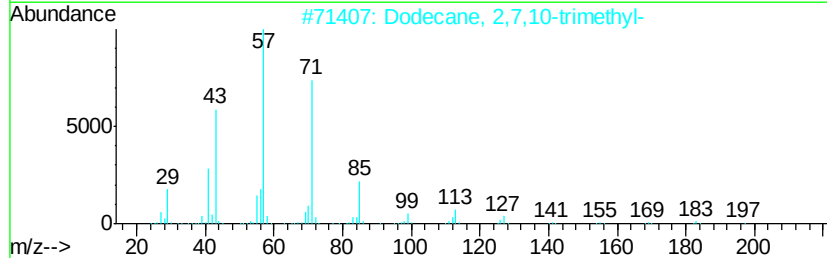
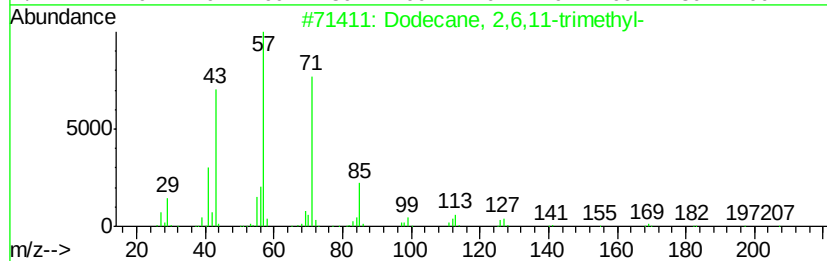
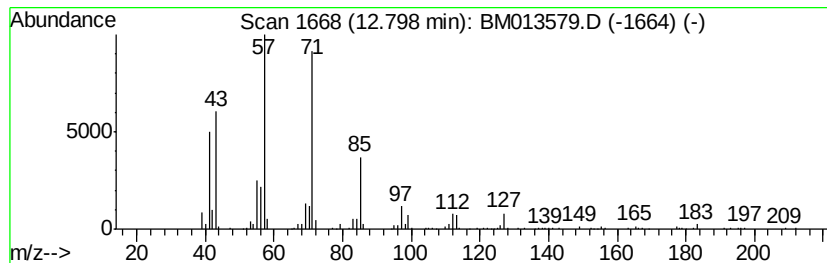
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	5.93 ng/ul	610561	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Octane, 2-methyl-	128	C9H20	003221-61-2	81
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72



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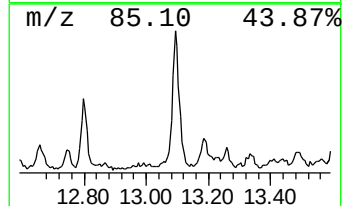
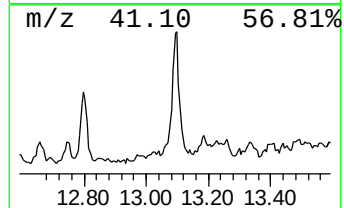
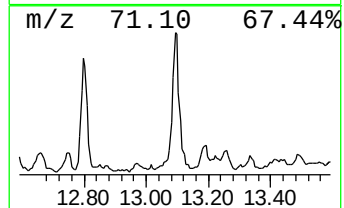
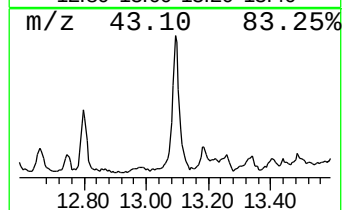
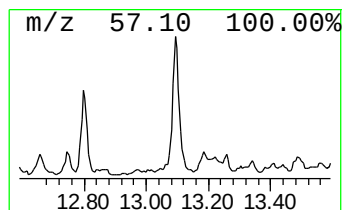
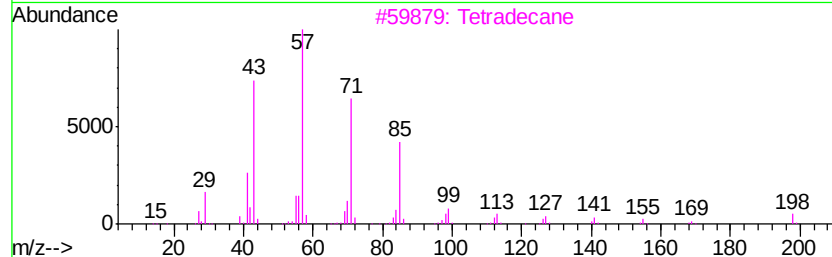
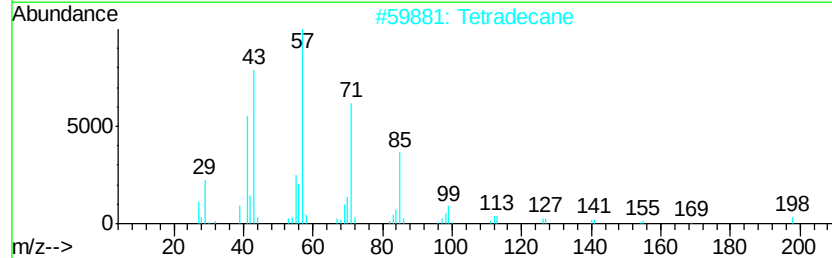
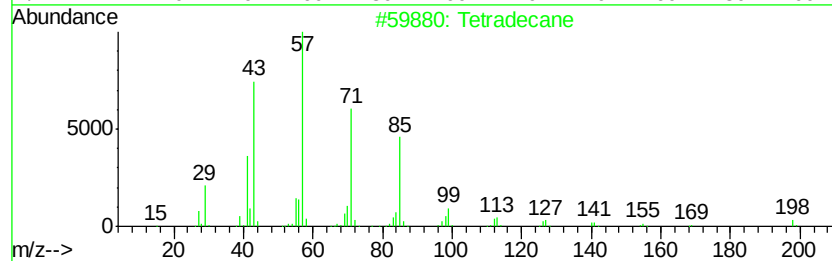
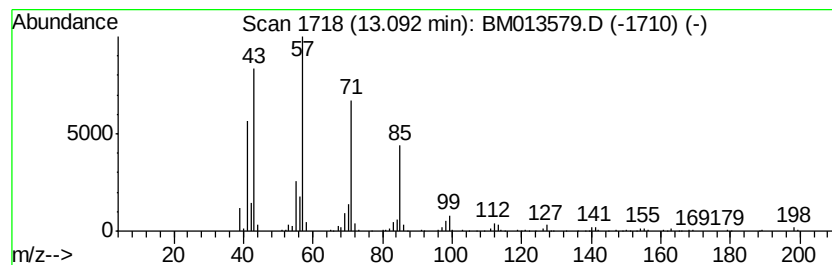
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	10.86 ng/ul	1118990	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Tetradecane	198	C14H30	000629-59-4	95
3		Tetradecane	198	C14H30	000629-59-4	93
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
Acq On : 15 Jan 2018 11:36
Operator : SJ/JU
Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DAJL1

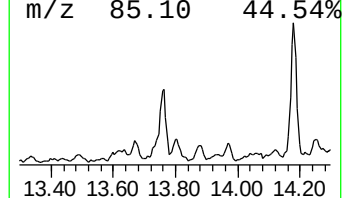
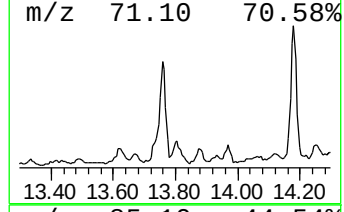
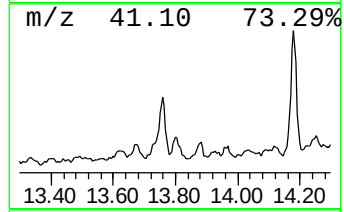
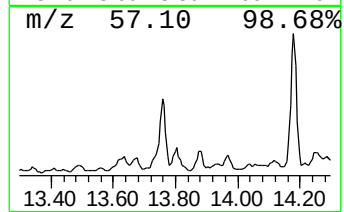
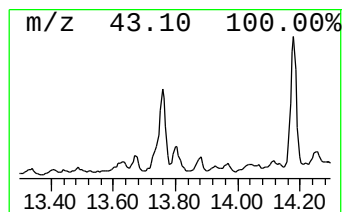
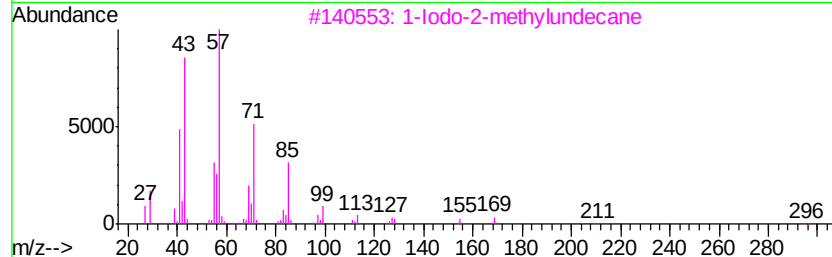
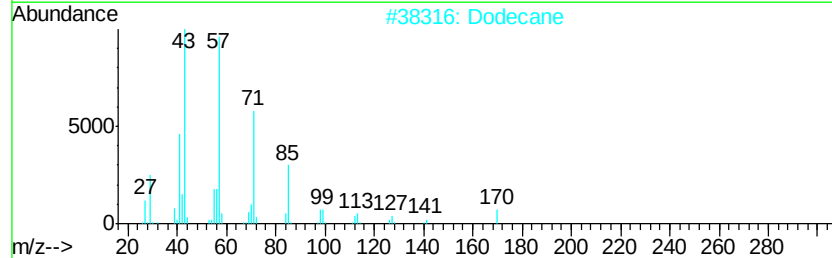
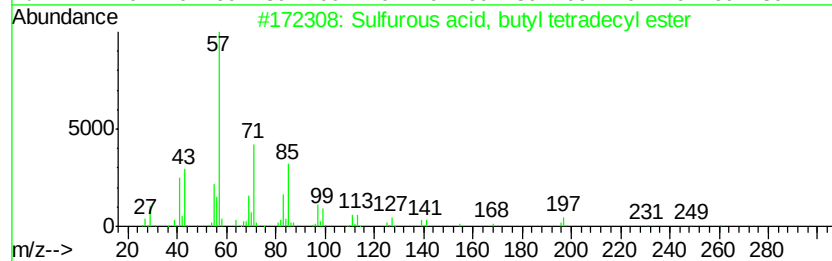
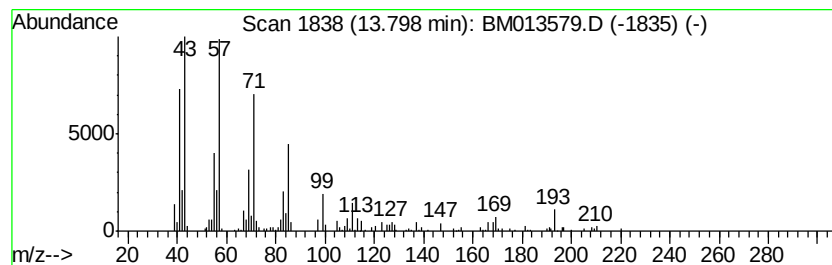
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Sulfurous acid, butyl tetra... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.46 ng/ul	459919	Acenaphthene-d10	14.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	72
2		Dodecane	170	C12H26	000112-40-3	68
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4		Hexadecane	226	C16H34	000544-76-3	64
5		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
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Sample : J1079-21
Misc :
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Instrument :
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ClientSampleId :
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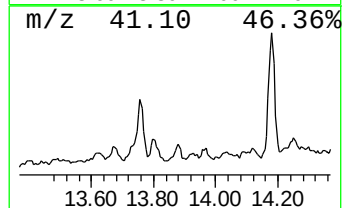
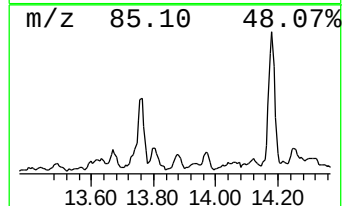
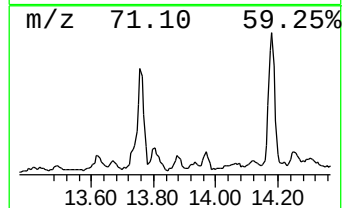
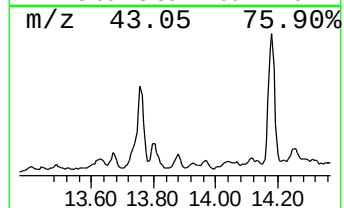
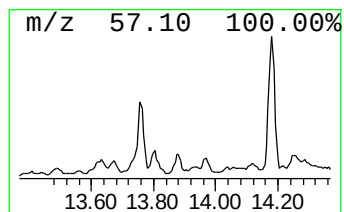
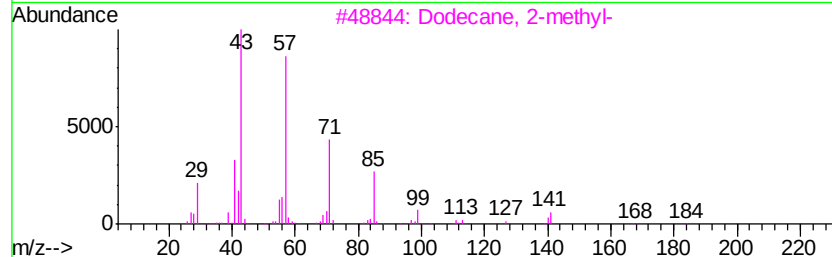
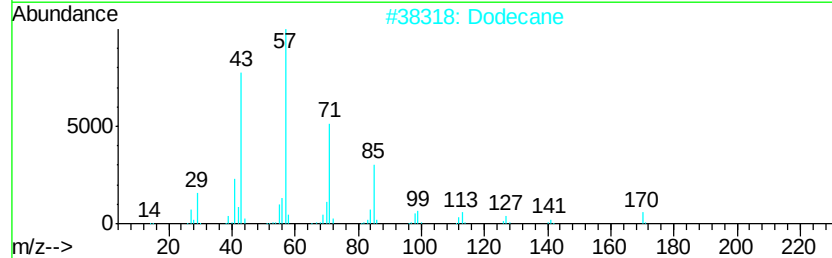
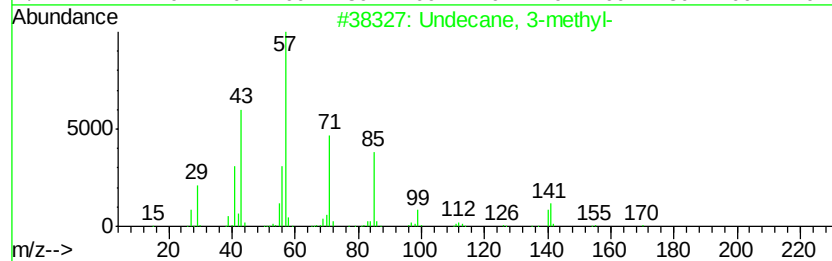
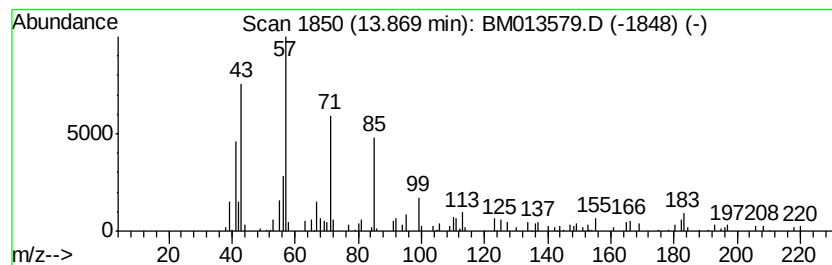
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.03 ng/ul	209219	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
2		Dodecane	170	C12H26	000112-40-3	64
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	59
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
Acq On : 15 Jan 2018 11:36
Operator : SJ/JU
Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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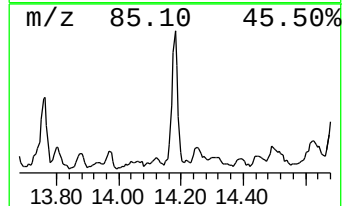
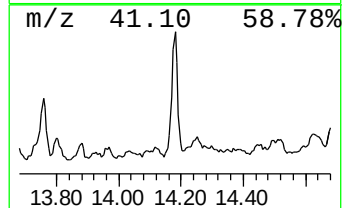
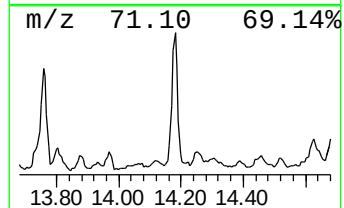
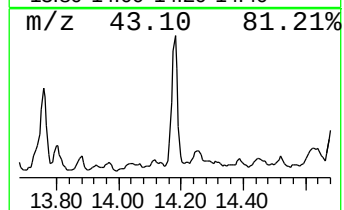
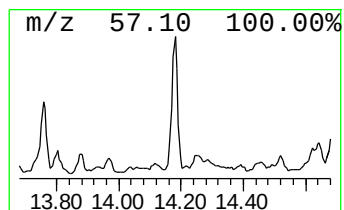
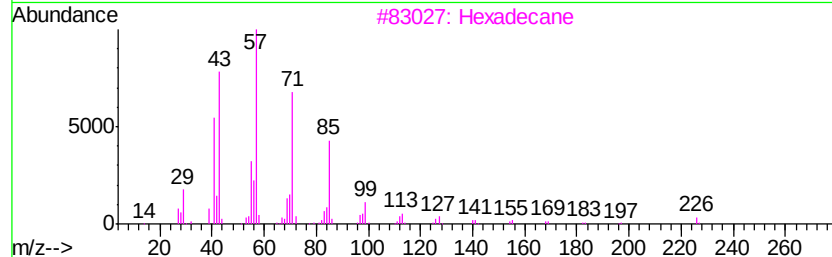
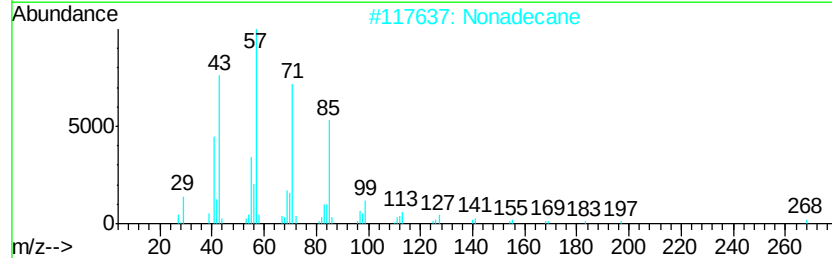
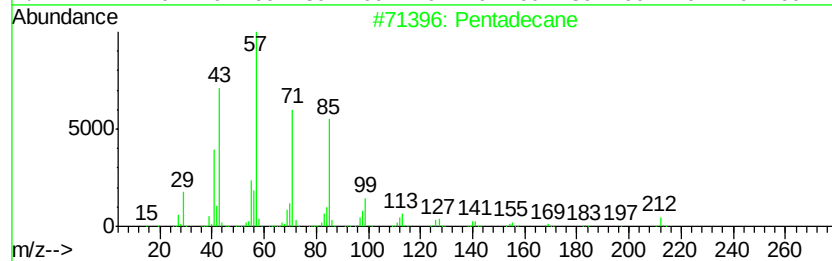
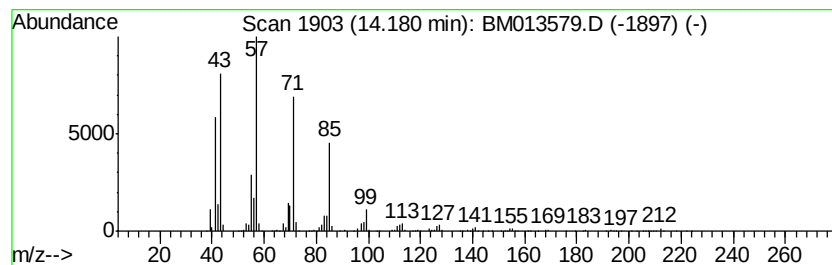
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	20.00 ng/ul	2059990	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		10-Methylnonadecane	282	C20H42	056862-62-5	90
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
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Misc :
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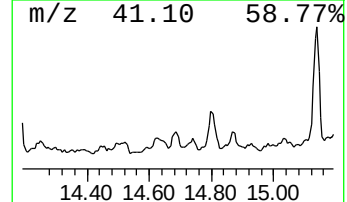
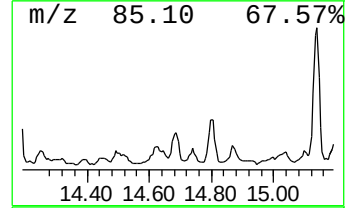
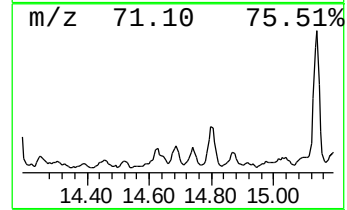
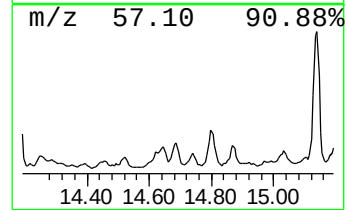
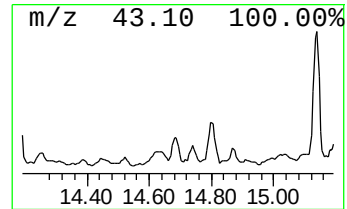
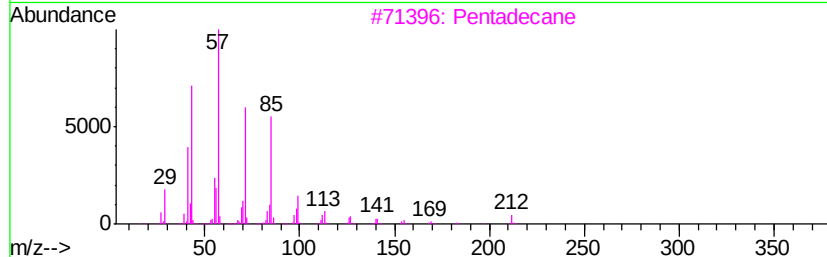
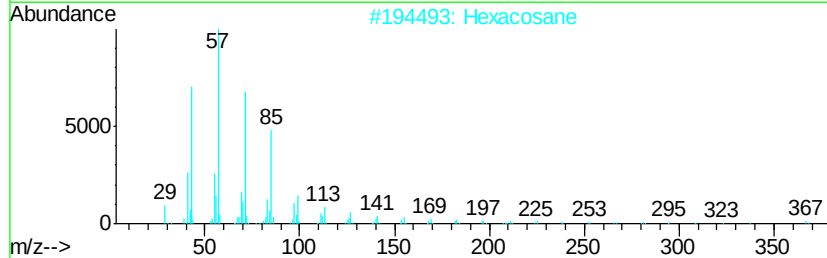
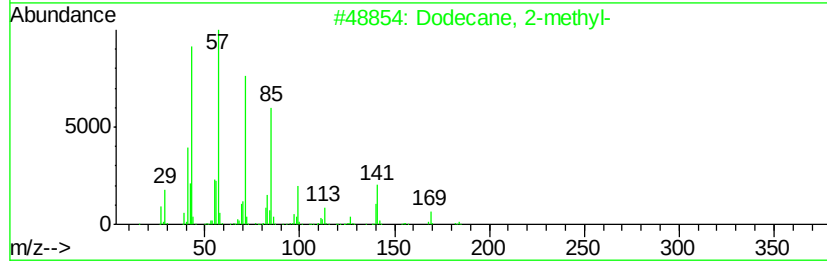
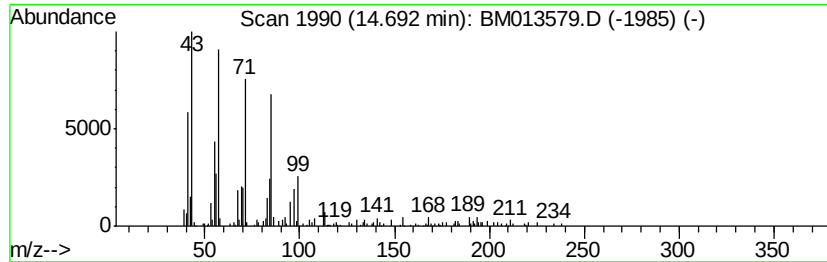
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	4.35 ng/ul	447994	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
2		Hexacosane	366	C26H54	000630-01-3	80
3		Pentadecane	212	C15H32	000629-62-9	80
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	80
5		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
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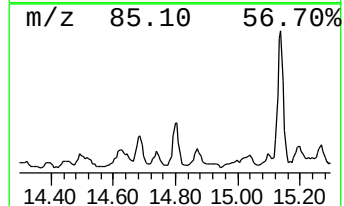
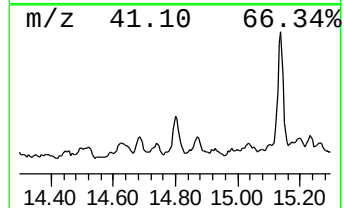
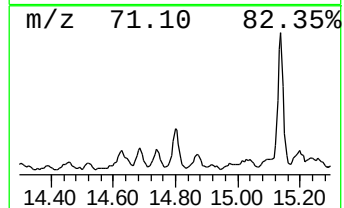
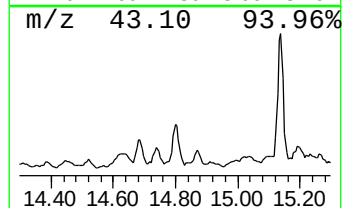
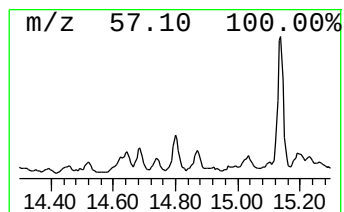
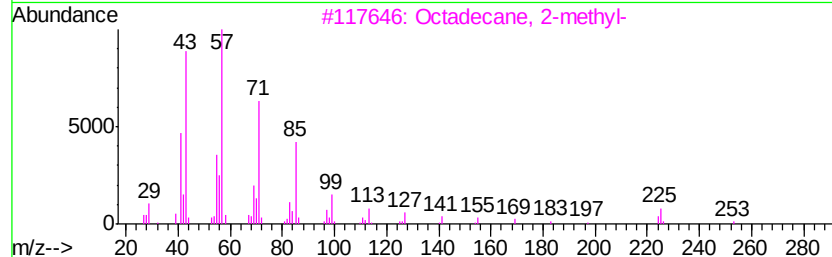
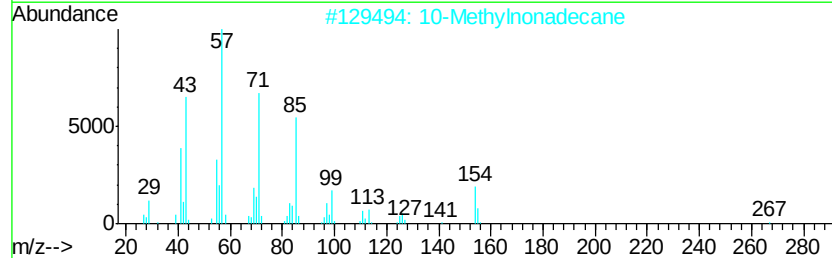
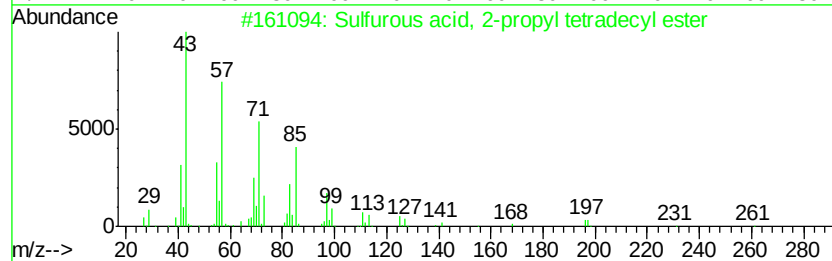
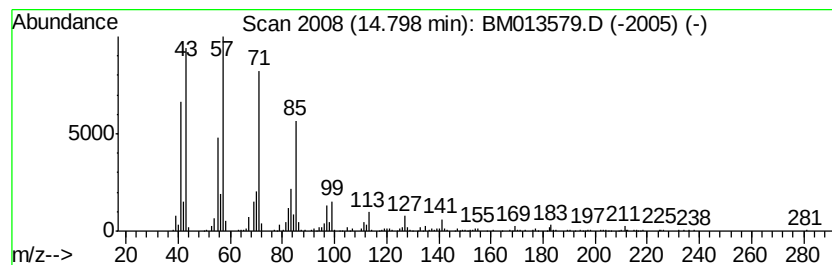
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Sulfurous acid, 2-propyl te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	9.47 ng/ul	975281	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	80
2			10-Methylnonadecane	282	C20H42	056862-62-5	64
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
4			Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	64
5			Hexacosane	366	C26H54	000630-01-3	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
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Instrument :
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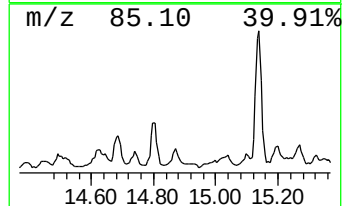
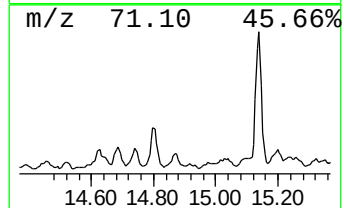
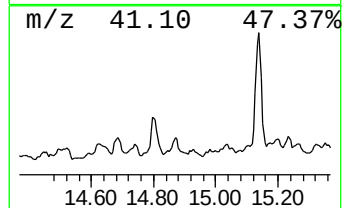
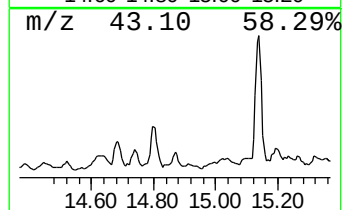
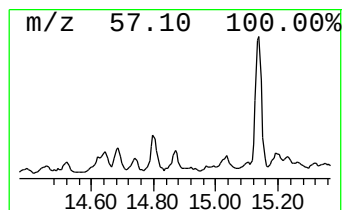
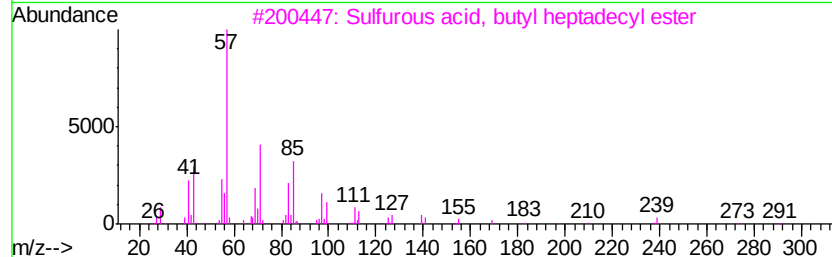
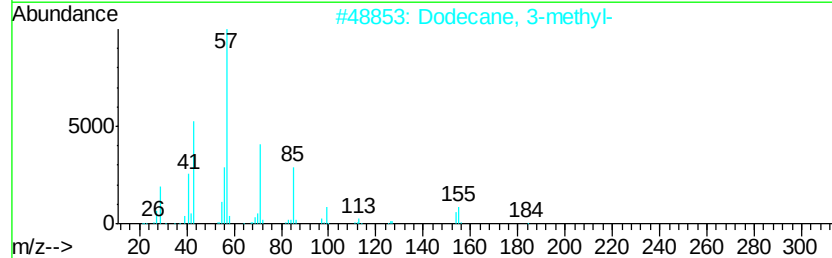
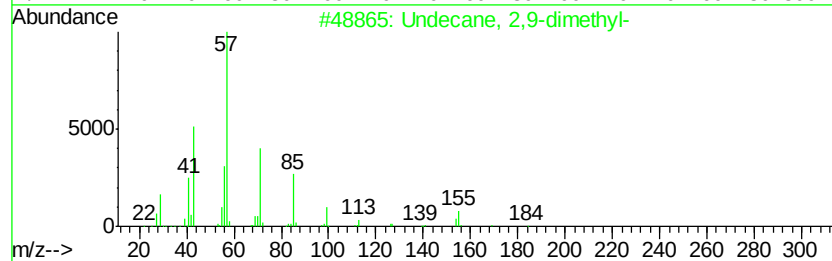
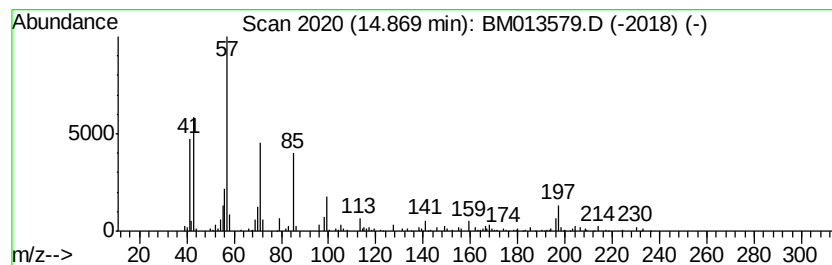
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.28 ng/ul	234635	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
4			Tetradecane	198	C14H30	000629-59-4	68
5			Octacosane	394	C28H58	000630-02-4	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
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Misc :
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ClientSampleId :
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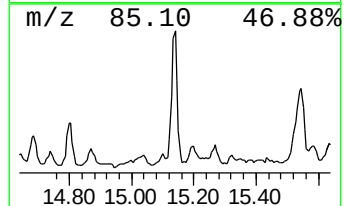
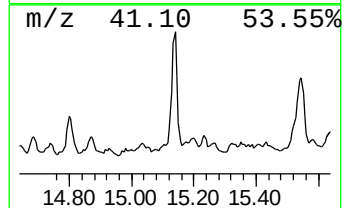
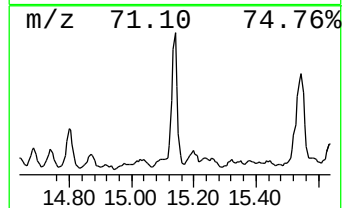
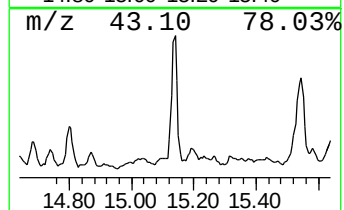
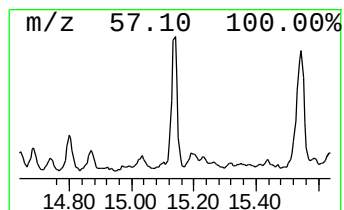
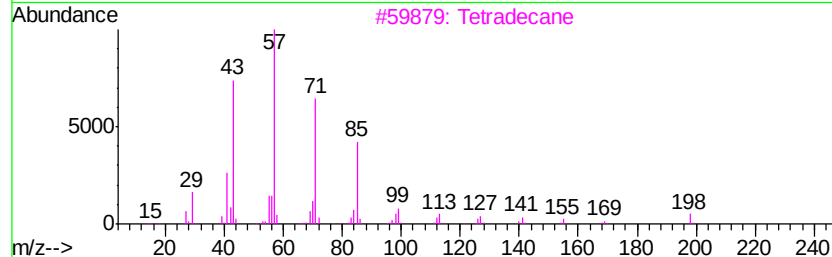
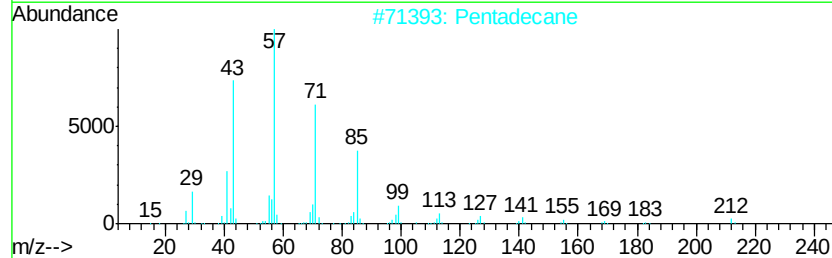
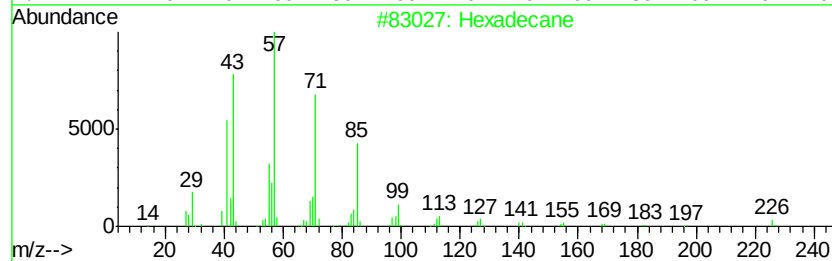
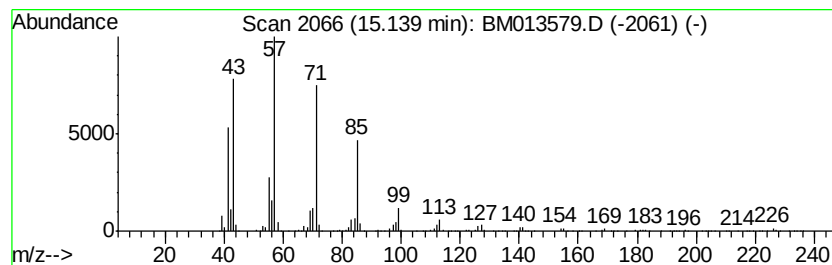
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	22.40 ng/ul	2307780	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	92
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Hexadecane	226	C16H34	000544-76-3	80



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Acq On : 15 Jan 2018 11:36
Operator : SJ/JU
Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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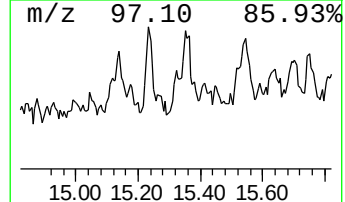
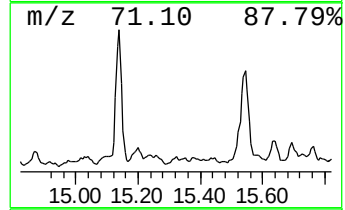
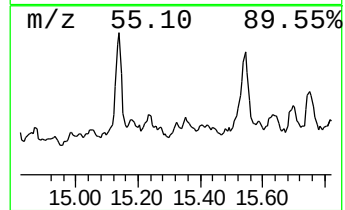
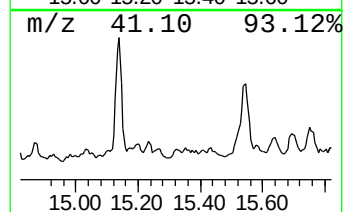
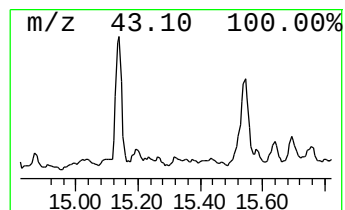
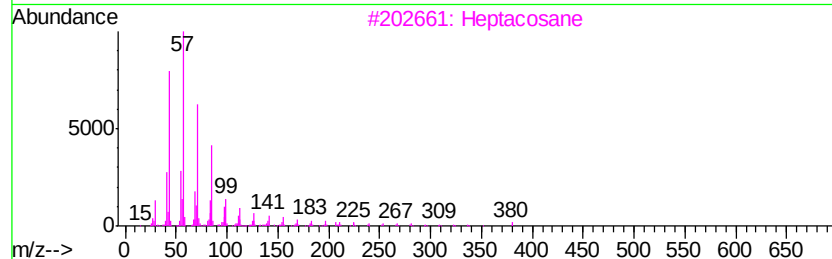
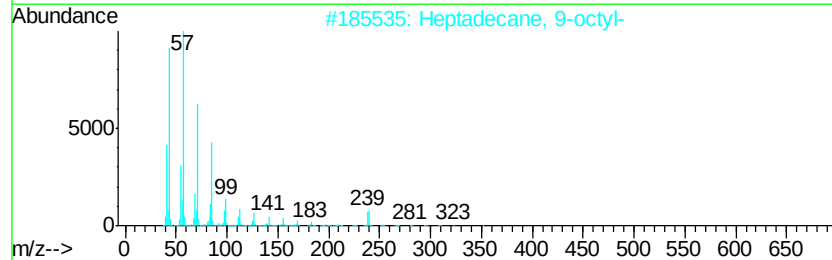
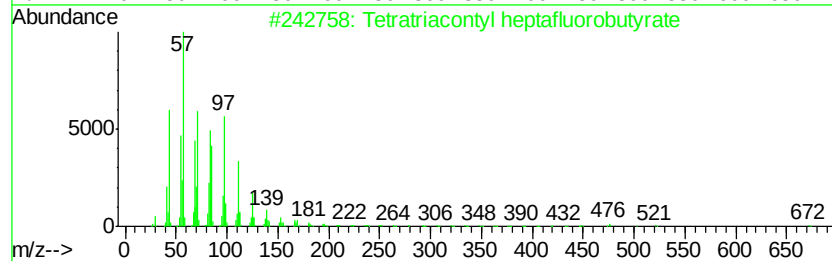
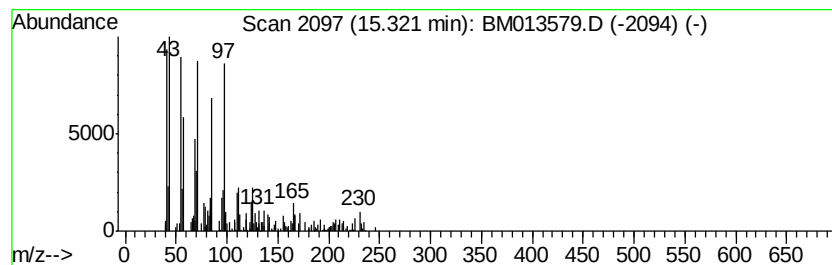
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetratriacontyl heptafluoro... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.32 ng/ul	238655	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	64
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	35
3		Heptacosane	380	C27H56	000593-49-7	35
4		Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	35
5		Hexadecane	226	C16H34	000544-76-3	30



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Misc :
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ClientSampleId :
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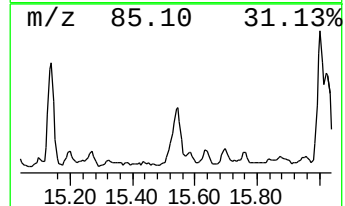
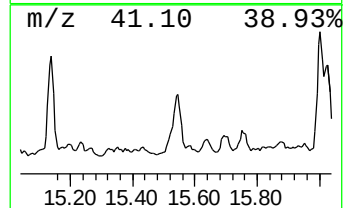
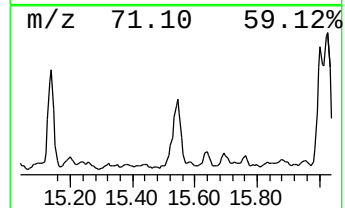
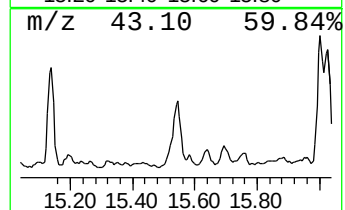
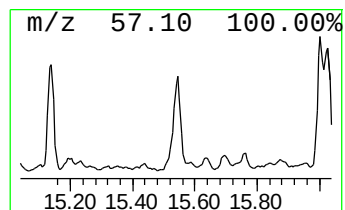
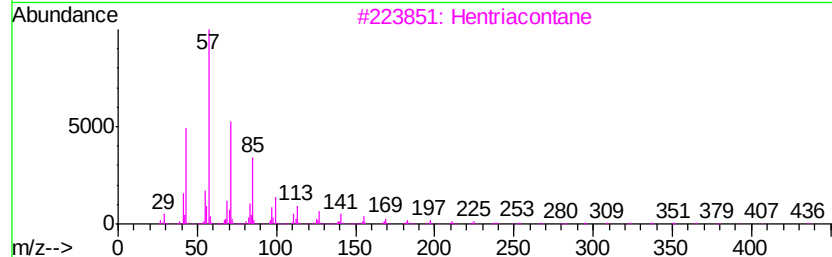
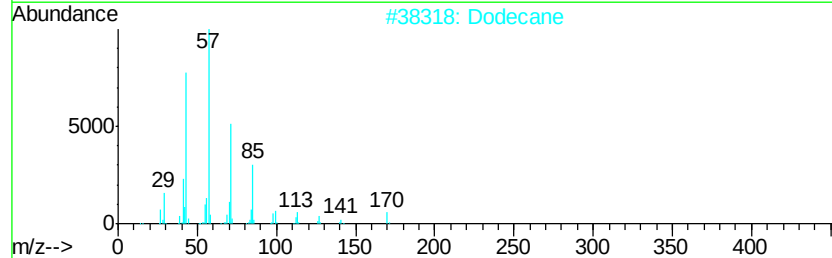
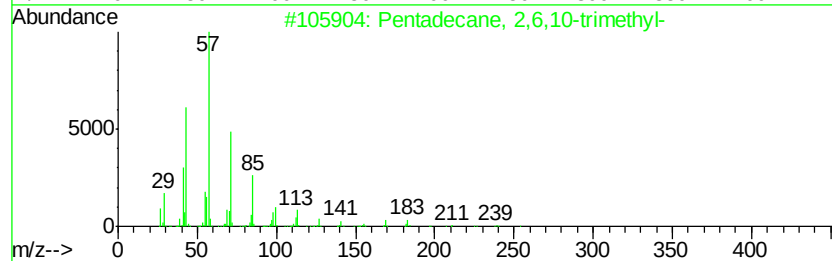
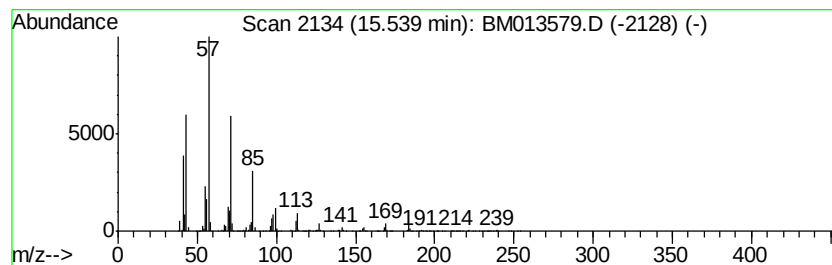
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	24.26 ng/ul	2498970	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2		Dodecane	170	C12H26	000112-40-3	87
3		Hentriacontane	437	C31H64	000630-04-6	80
4		Heneicosane	296	C21H44	000629-94-7	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
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Acq On : 15 Jan 2018 11:36
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Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

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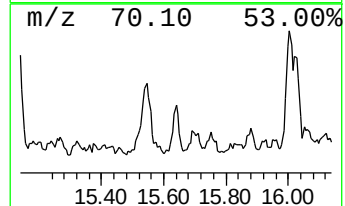
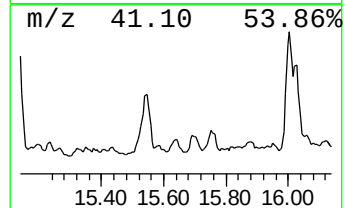
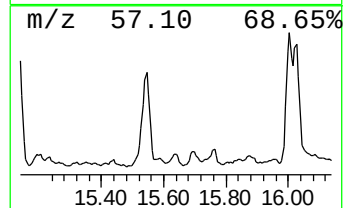
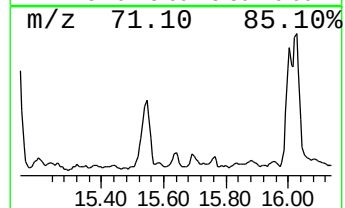
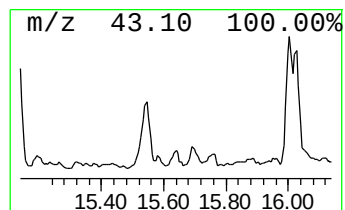
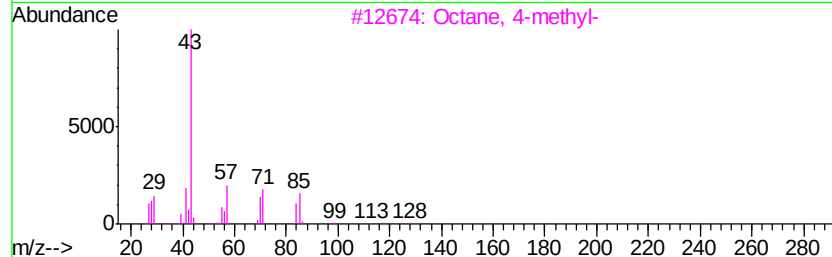
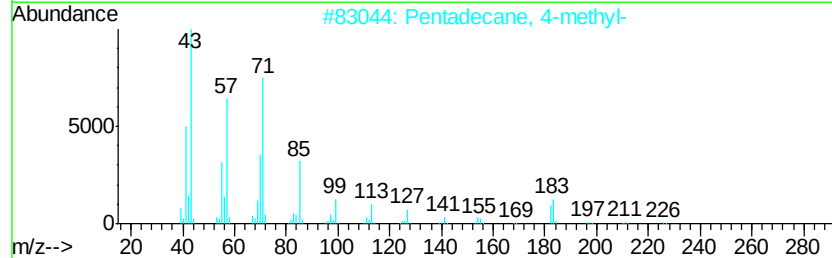
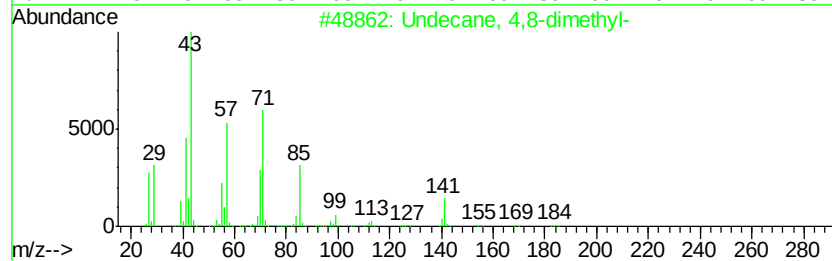
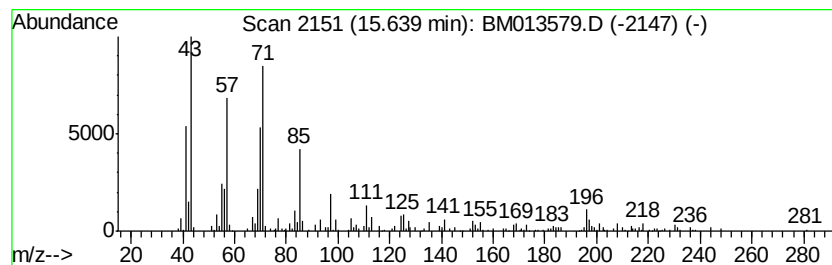
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	5.20 ng/ul	535157	Acenaphthene-d10	14.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	52
2			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	50
3			Octane, 4-methyl-	128	C9H20	002216-34-4	47
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43
5			1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	43



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
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ALS Vial : 4 Sample Multiplier: 1

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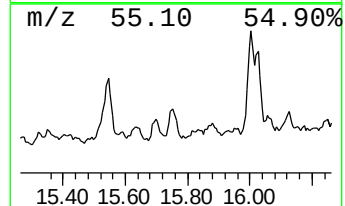
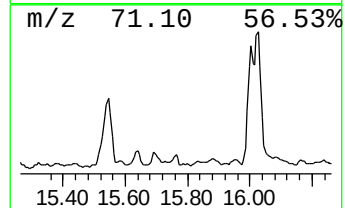
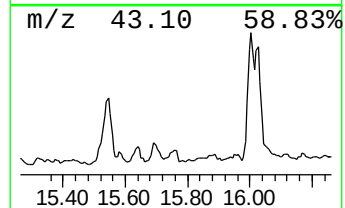
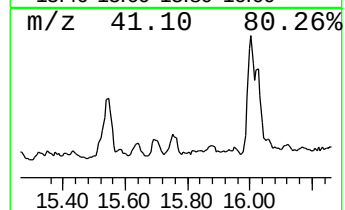
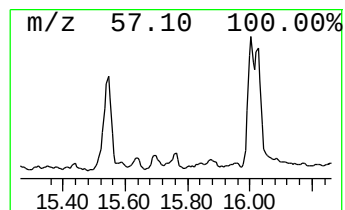
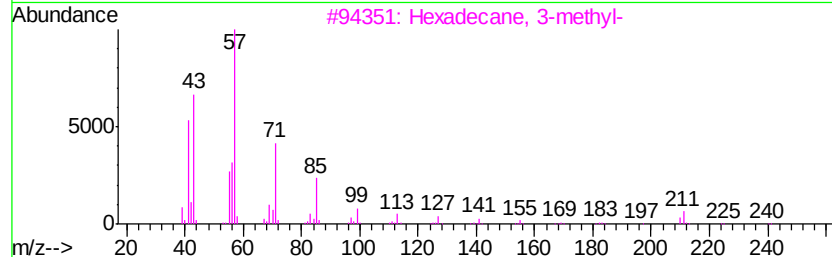
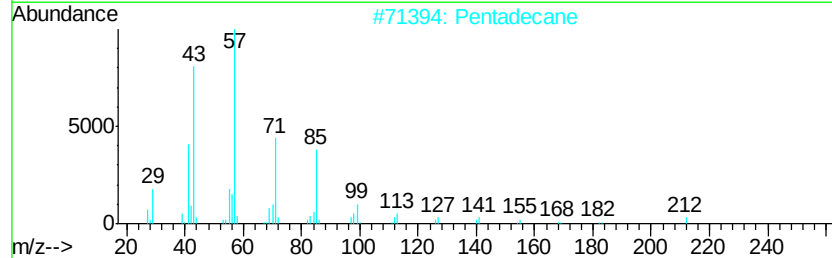
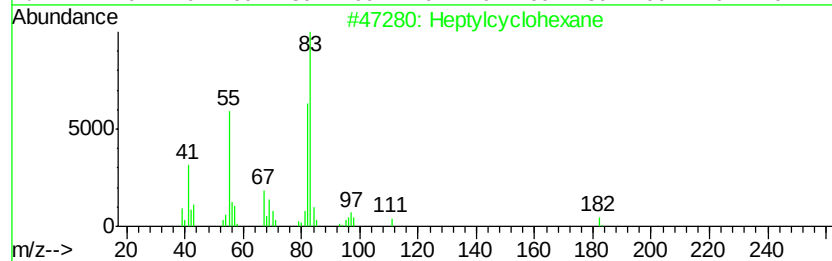
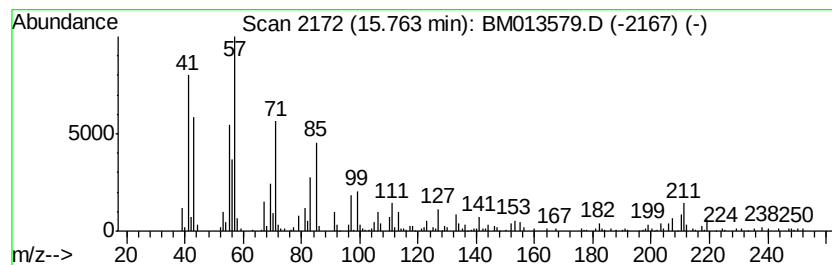
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic15.76 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	5.49 ng/ul	551812	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptylcyclohexane	182	C13H26	005617-41-4	38
2			Pentadecane	212	C15H32	000629-62-9	35
3			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	30
4			Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	27
5			3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	22



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
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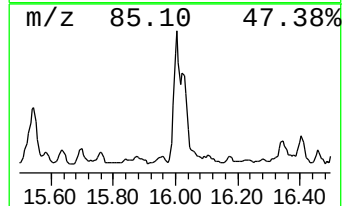
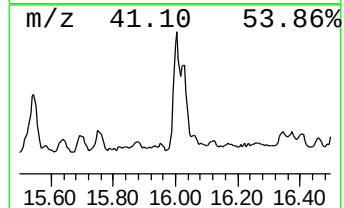
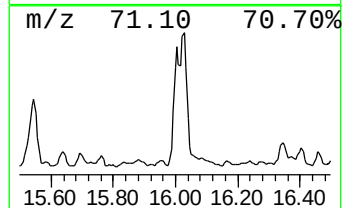
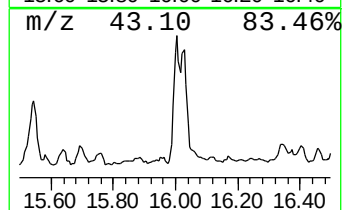
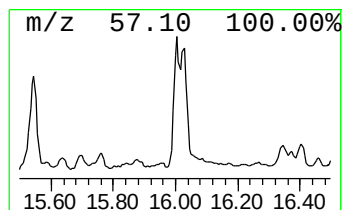
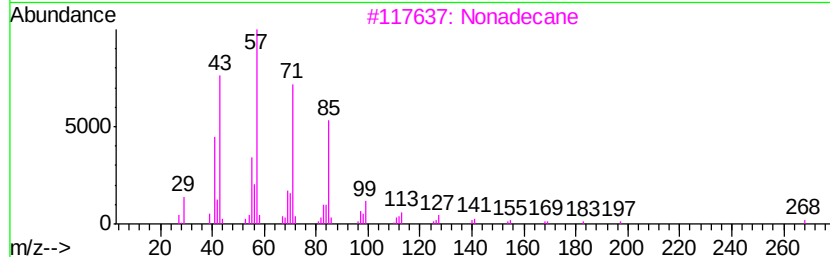
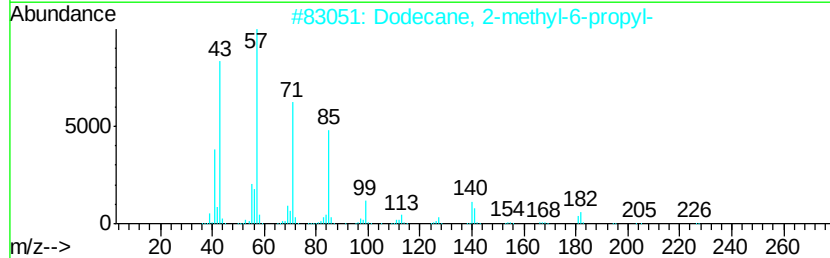
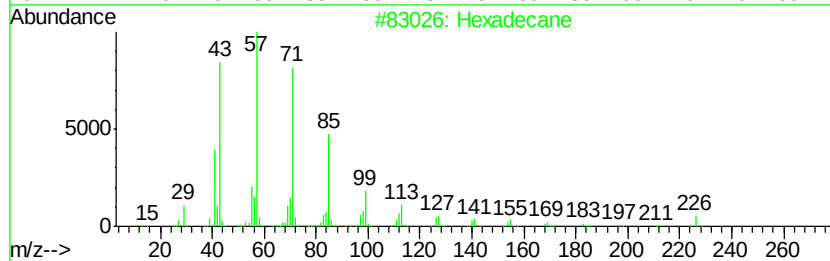
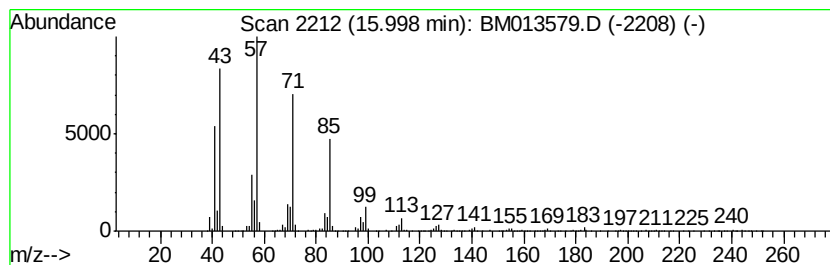
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	36.17 ng/ul	3638500	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91



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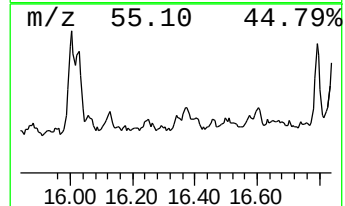
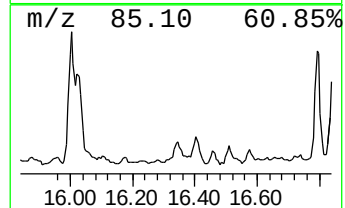
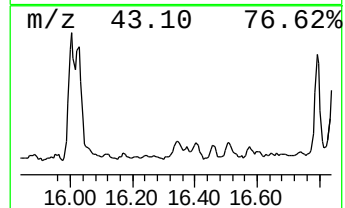
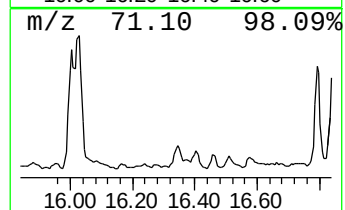
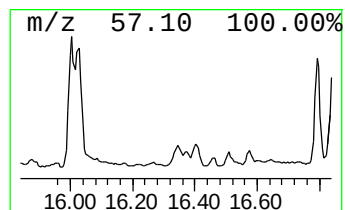
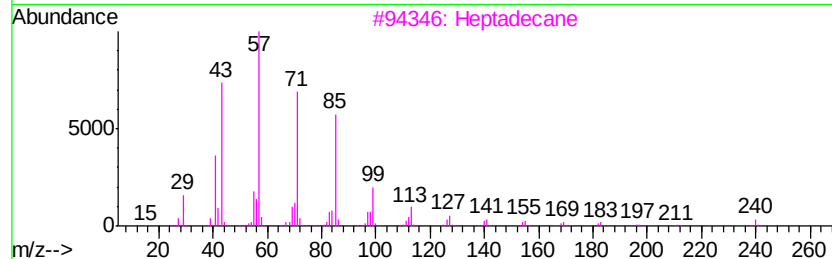
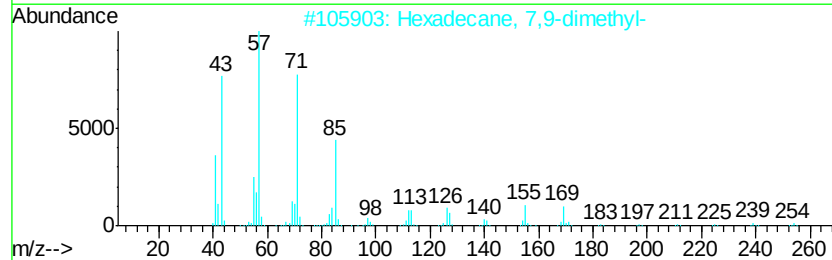
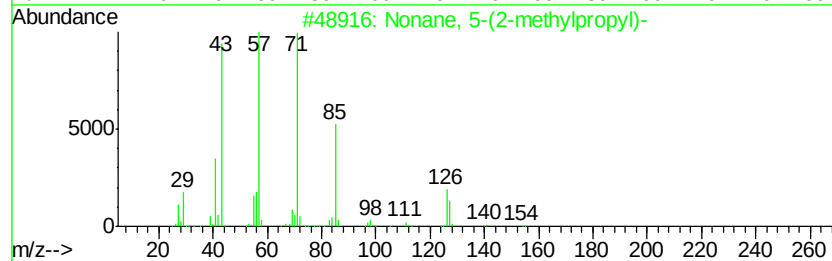
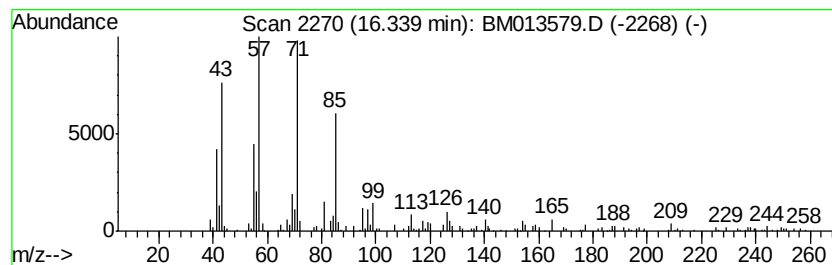
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.62 ng/ul	364121	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	80
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
3		Heptadecane	240	C17H36	000629-78-7	64
4		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58



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ClientSampleId :
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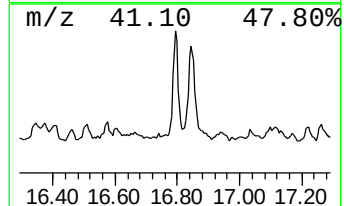
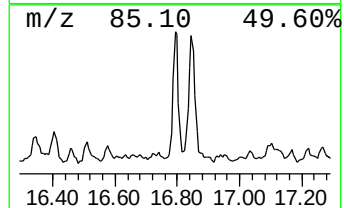
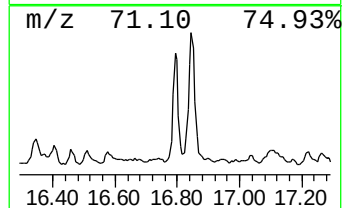
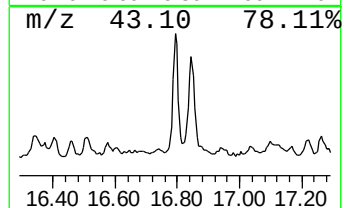
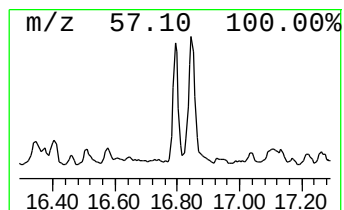
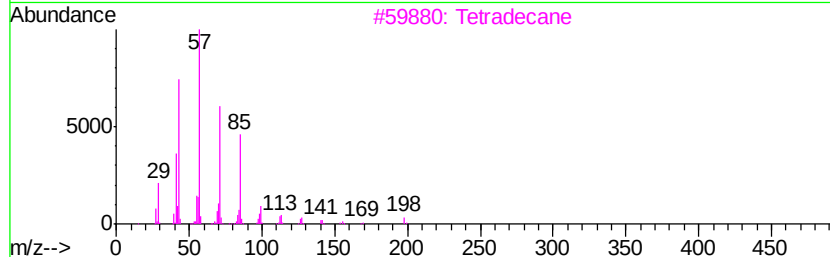
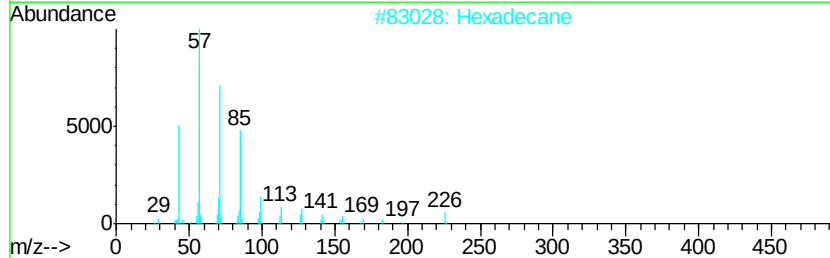
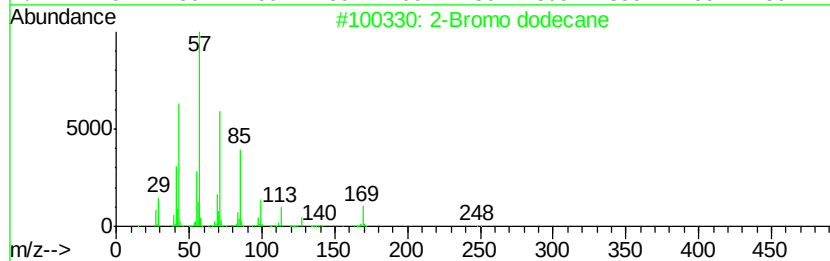
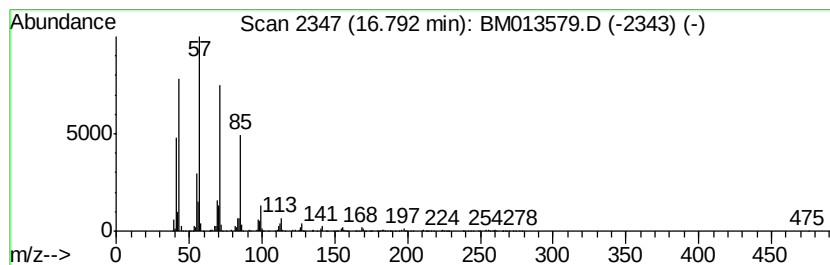
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	23.01 ng/ul	2314970	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
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 Acq On : 15 Jan 2018 11:36
 Operator : SJ/JU
 Sample : J1079-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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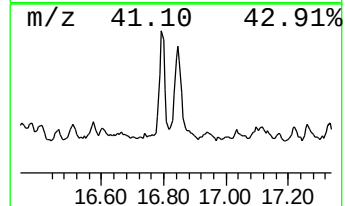
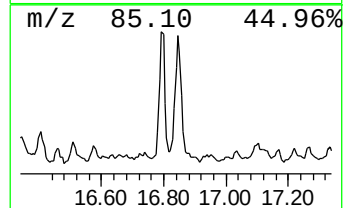
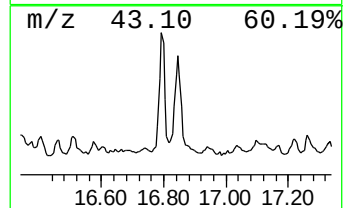
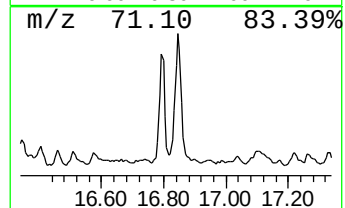
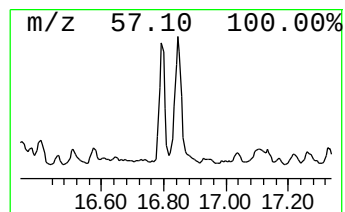
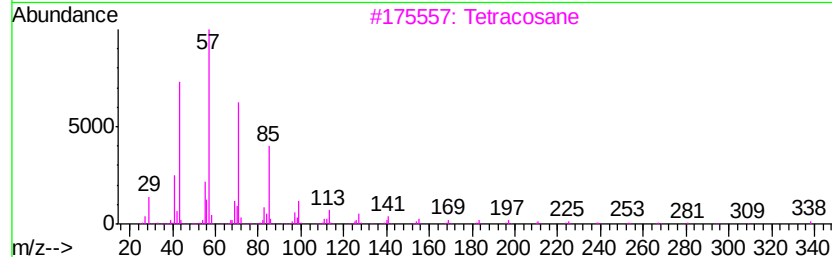
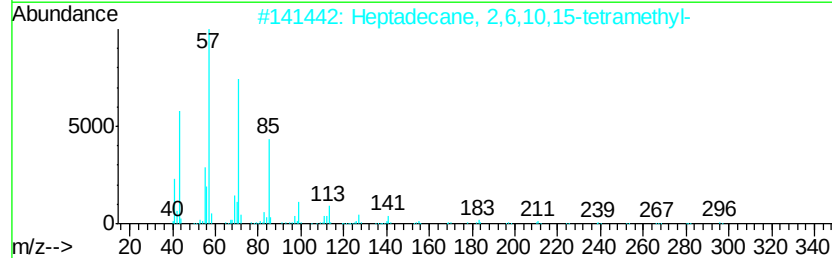
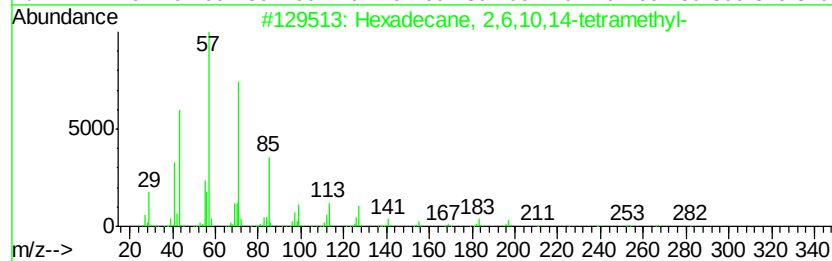
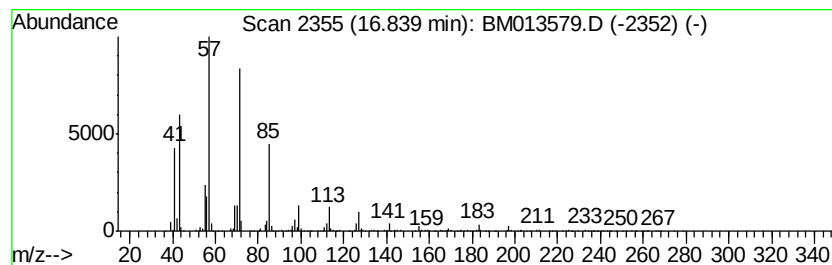
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	32.79 ng/ul	3298870	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Tetracosane	338	C24H50	000646-31-1	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Tetradecane	198	C14H30	000629-59-4	83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
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Sample : J1079-21
Misc :
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Instrument :
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ClientSampleId :
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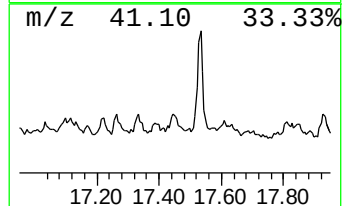
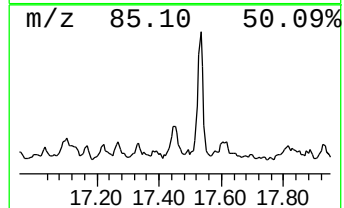
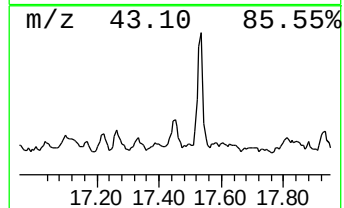
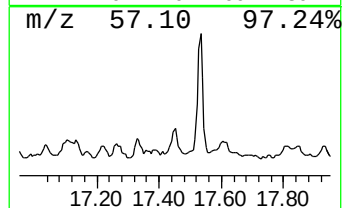
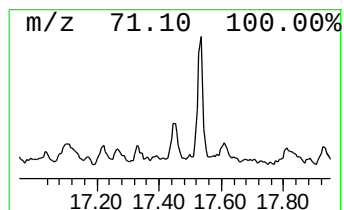
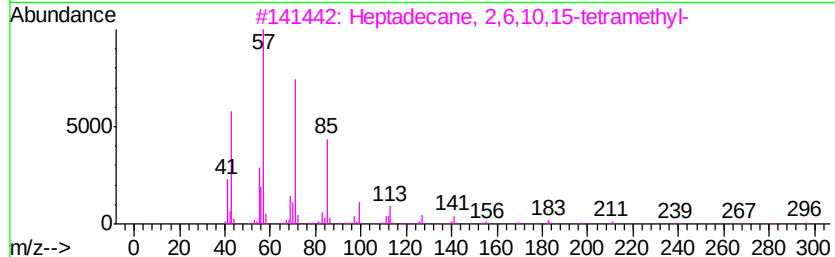
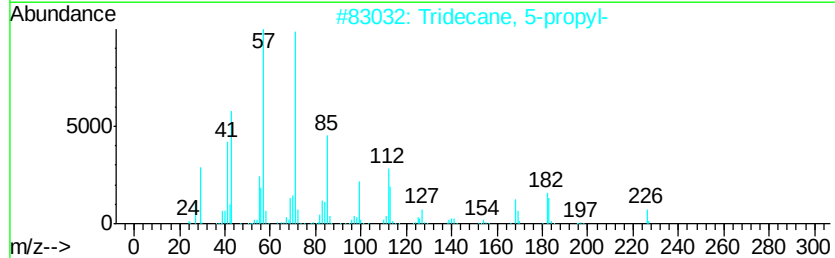
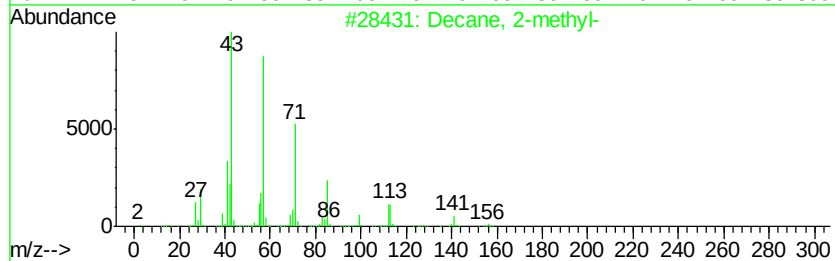
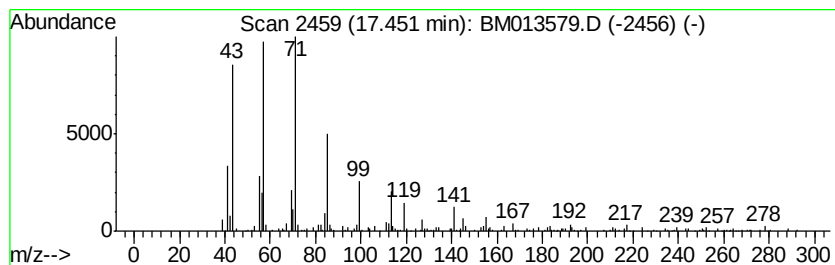
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	5.77 ng/ul	580474	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	83
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
4			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	58
5			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
Acq On : 15 Jan 2018 11:36
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ALS Vial : 4 Sample Multiplier: 1

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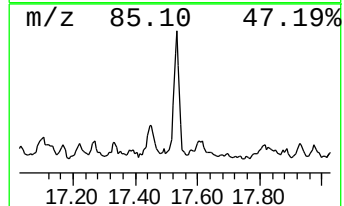
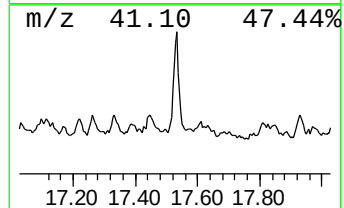
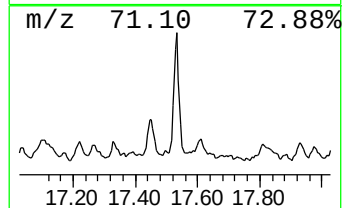
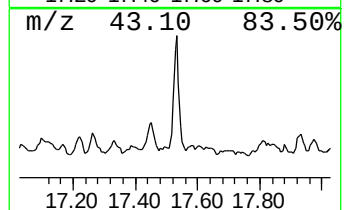
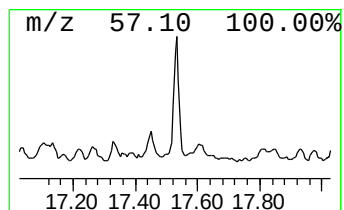
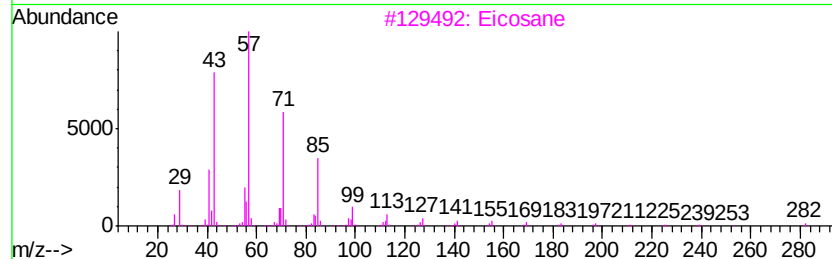
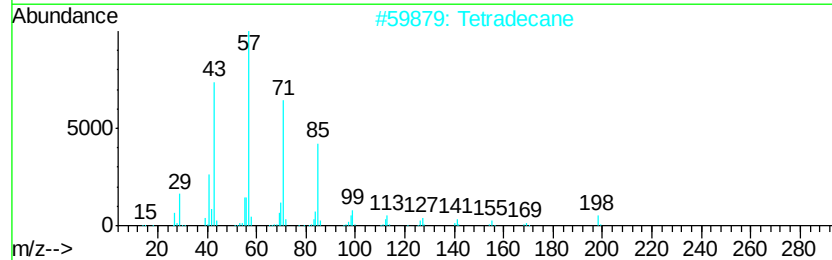
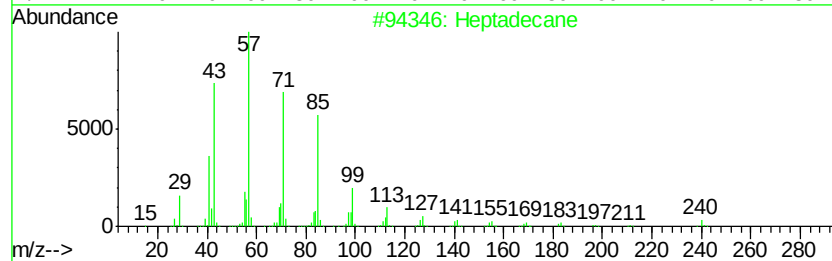
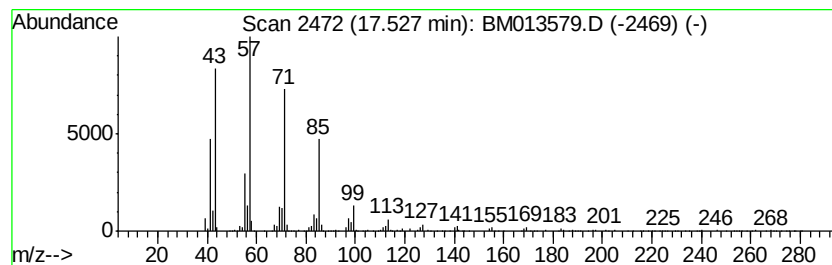
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	20.08 ng/ul	2020160	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Tetradecane	198	C14H30	000629-59-4	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
5		Pentadecane	212	C15H32	000629-62-9	91



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Misc :
ALS Vial : 4 Sample Multiplier: 1

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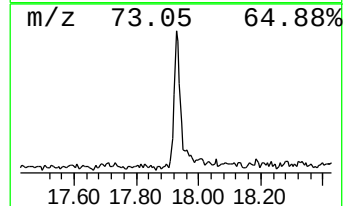
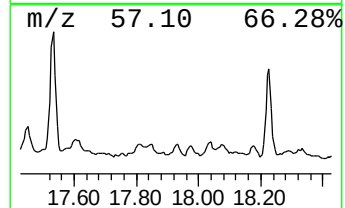
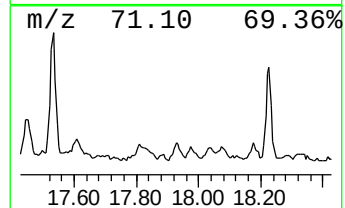
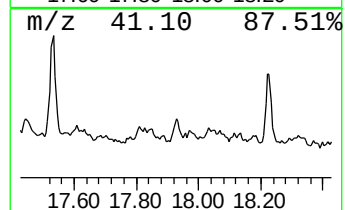
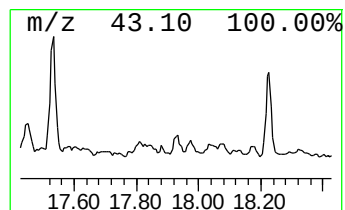
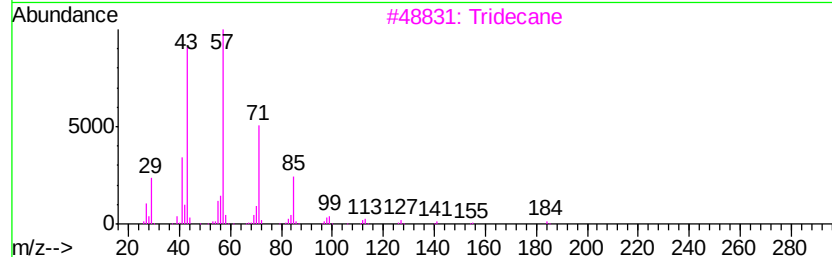
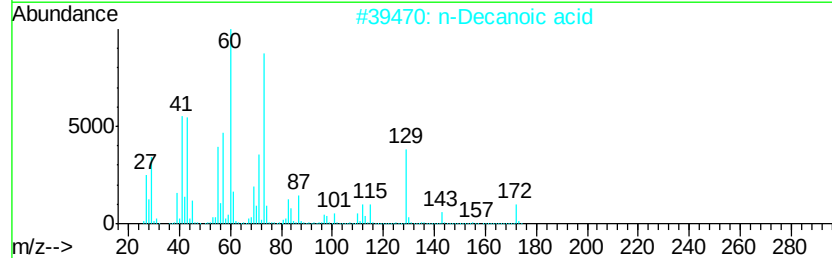
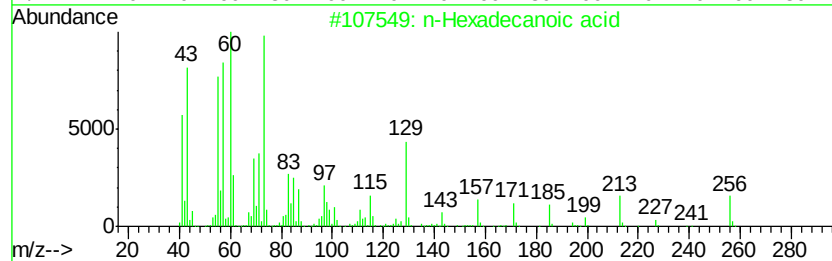
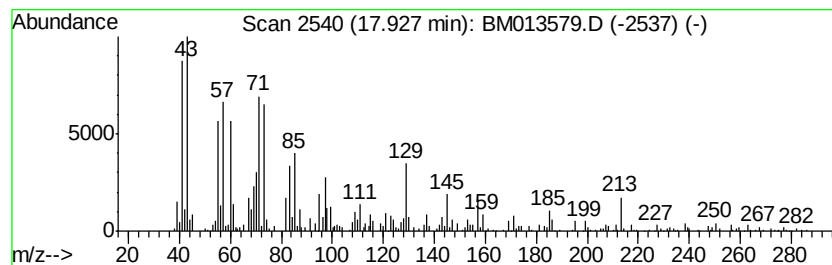
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.13 ng/ul	616657	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
2			n-Decanoic acid	172	C10H20O2	000334-48-5	42
3			Tridecane	184	C13H28	000629-50-5	42
4			Hexadecane	226	C16H34	000544-76-3	42
5			Dodecanoic acid	200	C12H24O2	000143-07-7	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
Acq On : 15 Jan 2018 11:36
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Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

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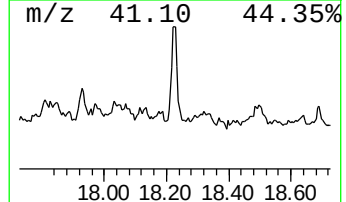
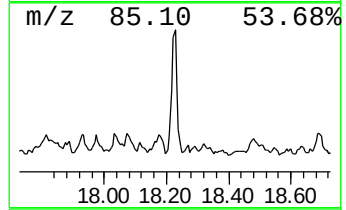
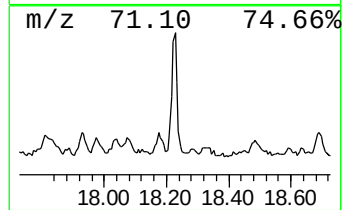
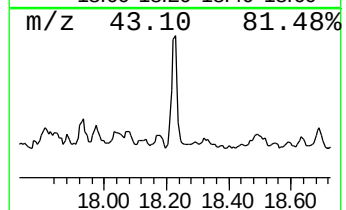
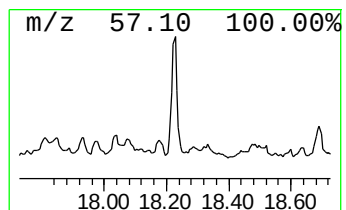
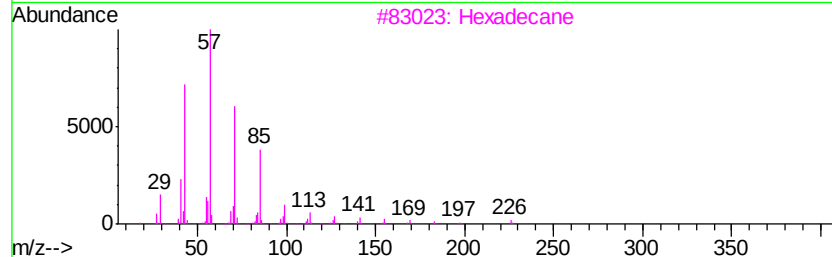
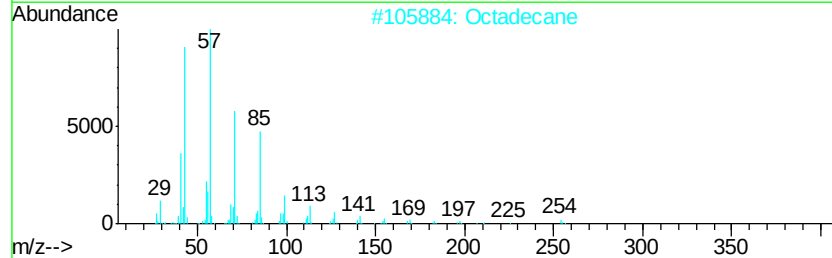
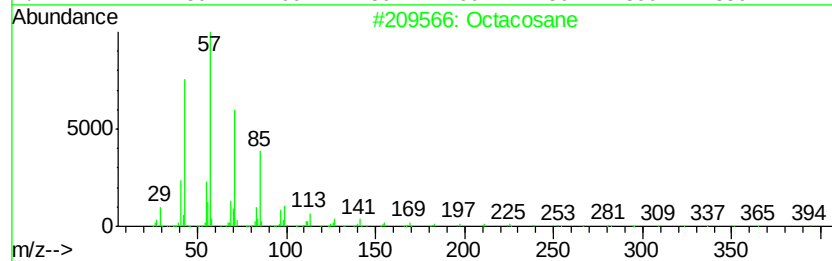
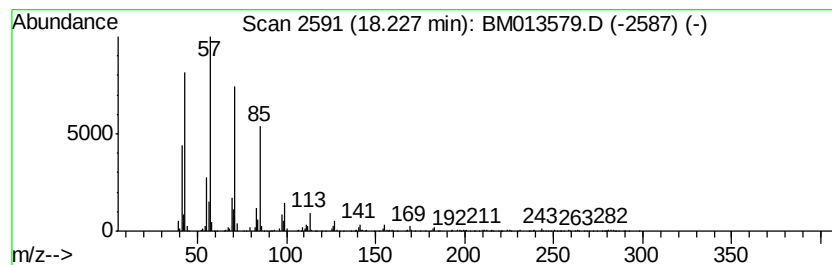
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	14.06 ng/ul	1414560	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
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ALS Vial : 4 Sample Multiplier: 1

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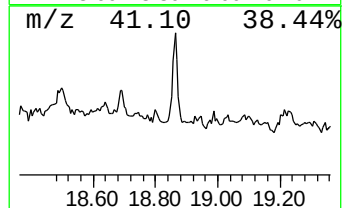
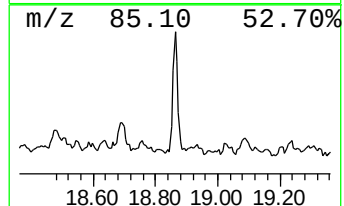
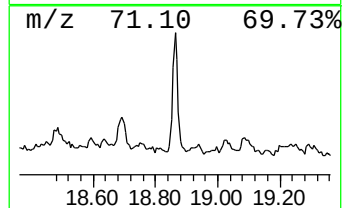
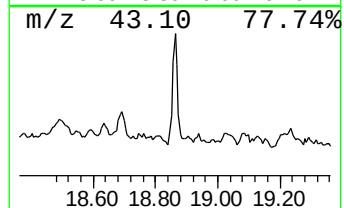
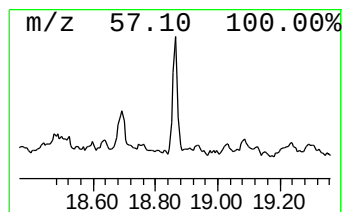
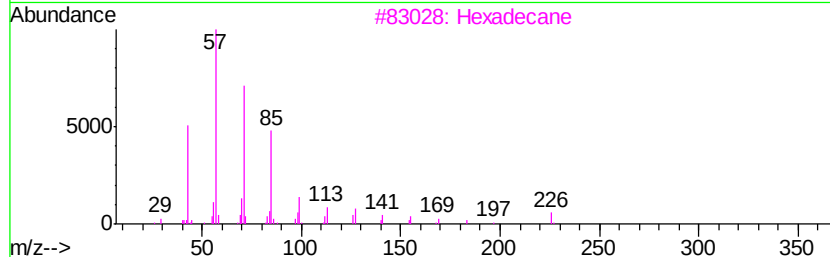
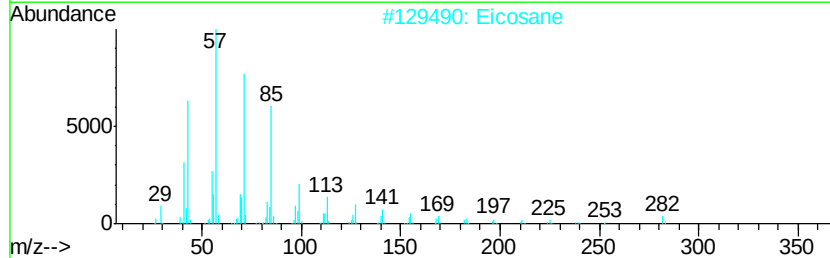
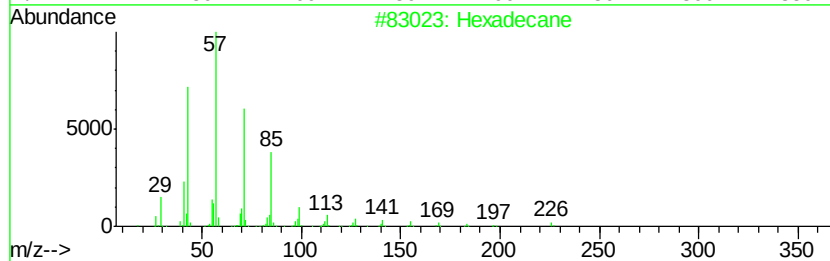
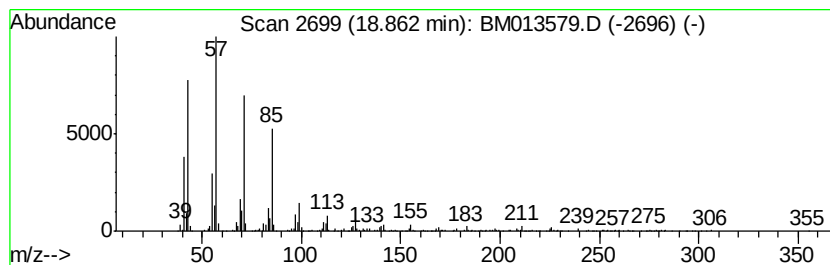
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	10.08 ng/ul	1014010	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Eicosane	282	C20H42	000112-95-8	95
3		Hexadecane	226	C16H34	000544-76-3	95
4		Hexadecane	226	C16H34	000544-76-3	92
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
Acq On : 15 Jan 2018 11:36
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Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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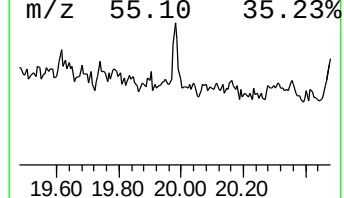
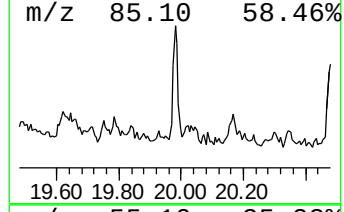
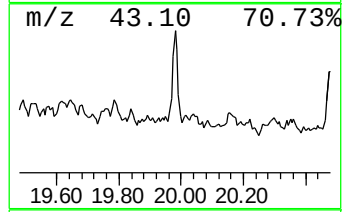
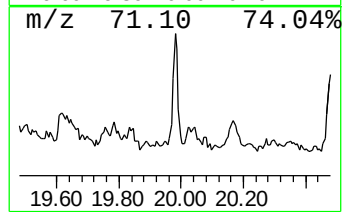
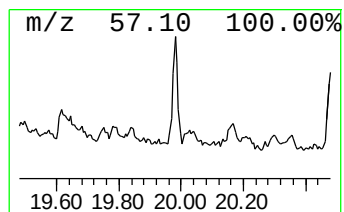
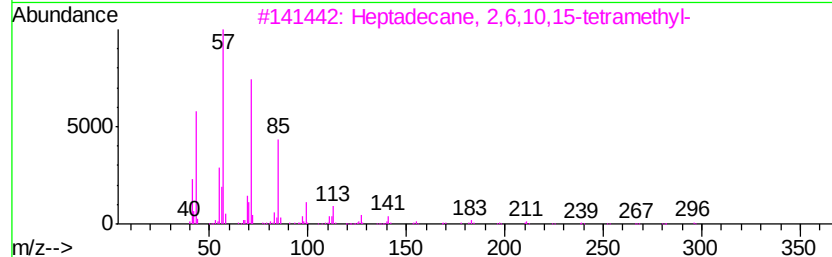
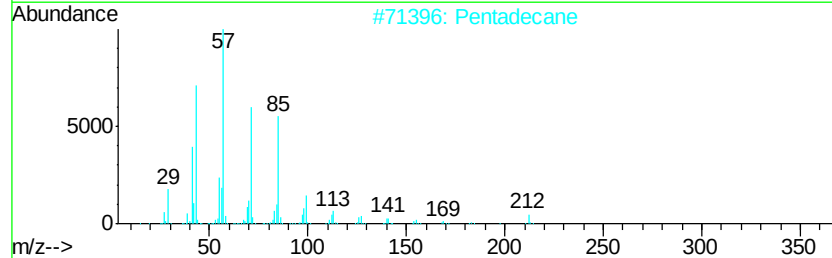
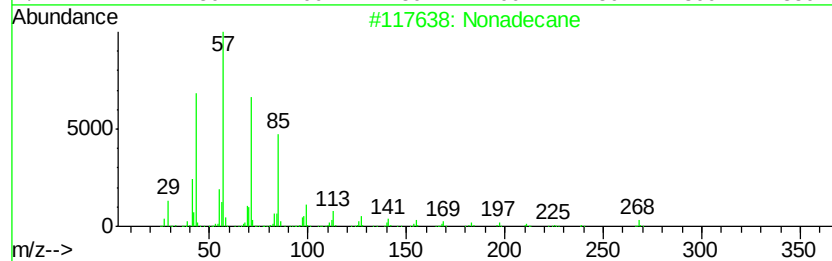
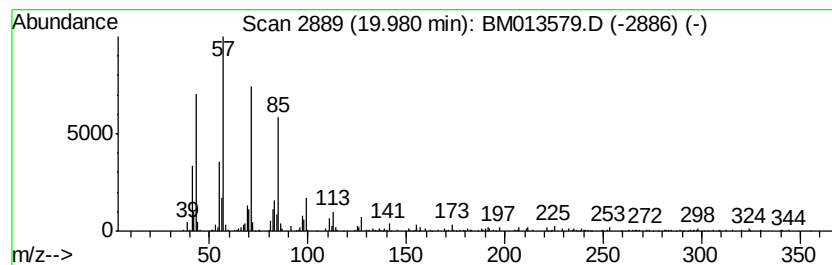
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	4.58 ng/ul	480167	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Pentadecane	212	C15H32	000629-62-9	91
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			2-methyltetracosane	352	C25H52	1000376-72-6	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
Acq On : 15 Jan 2018 11:36
Operator : SJ/JU
Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJL1

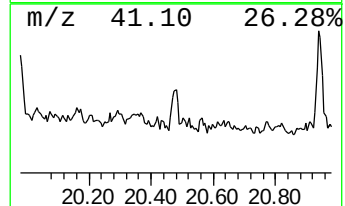
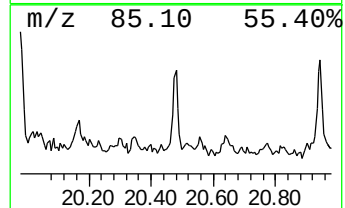
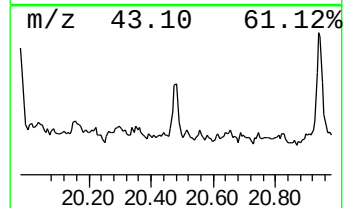
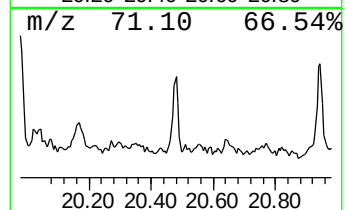
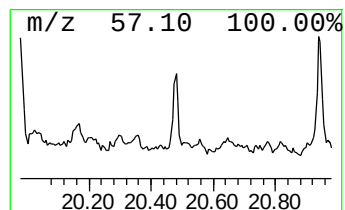
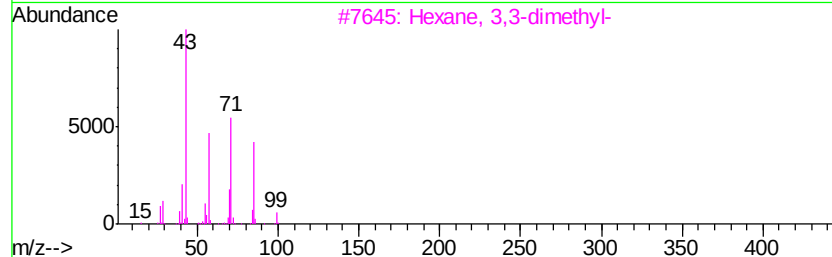
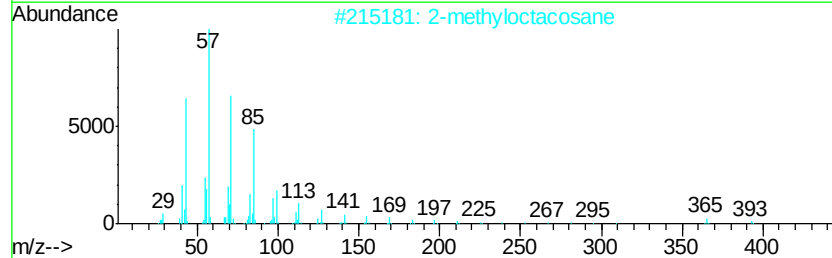
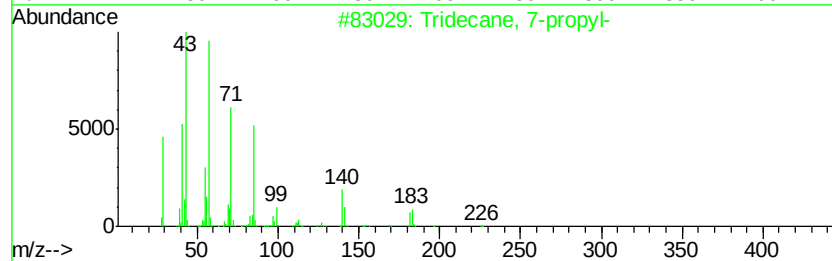
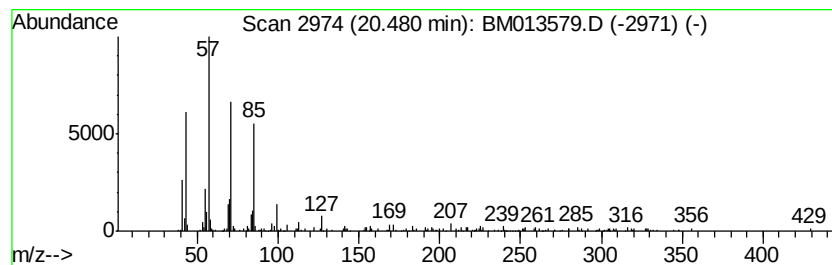
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.48	2.83 ng/ul	296680	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
2		2-methyloctacosane	408	C29H60	1000376-72-8	72
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	58
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
Data File : BM013579.D
Acq On : 15 Jan 2018 11:36
Operator : SJ/JU
Sample : J1079-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

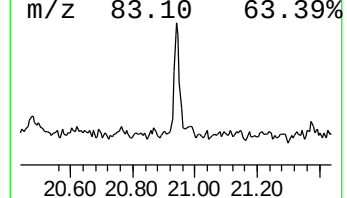
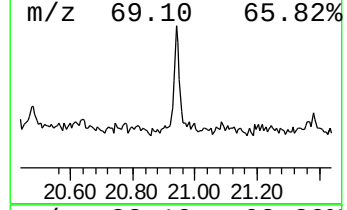
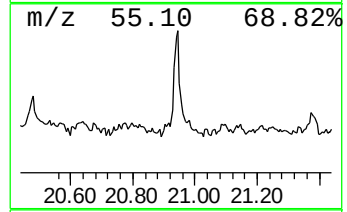
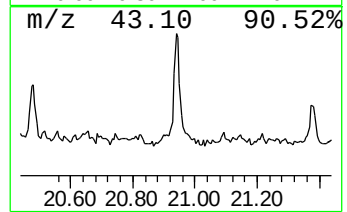
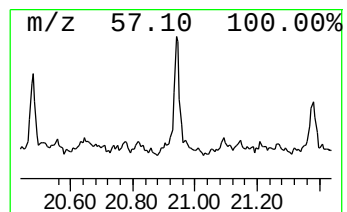
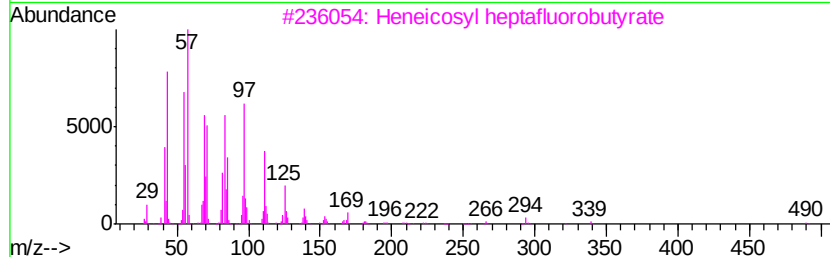
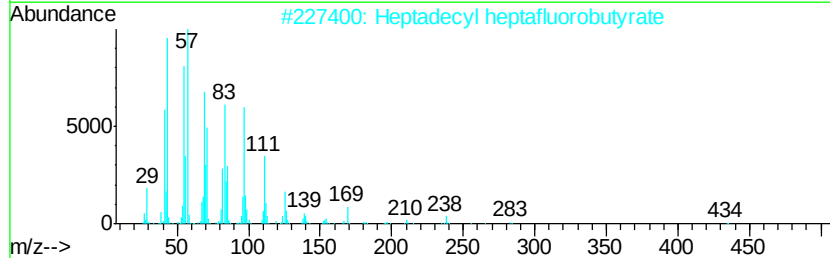
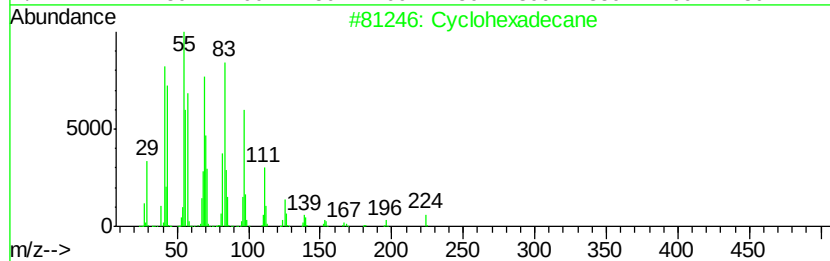
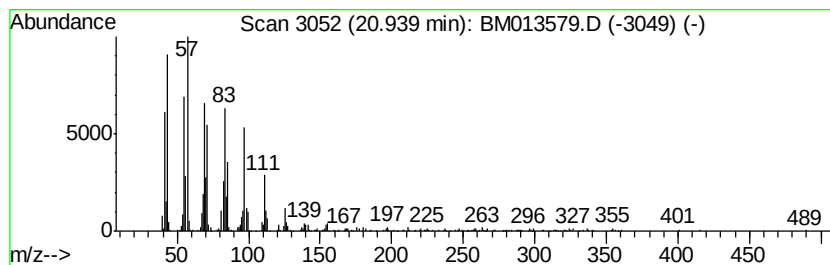
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic20.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	8.98 ng/ul	941884	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 93
2		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 91
3		Heneicosyl heptafluorobutyrate	508 C25H43F7O2	1000351-83-8 91
4		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	959218-78-1 91
5		Nonadecyl pentafluoropropionate	430 C22H39F5O2	1000351-88-8 91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013579.D
 Acq On : 15 Jan 2018 11:36
 Operator : SJ/JU
 Sample : J1079-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJL1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name					--Internal Standard--			
RT EstConc Units Response					#	RT	Resp	Conc
(DEL) Alkane: Str...	11.42	4.7	ng/ul	282028	2	10.40	1202600	20.0
(DEL) Alkane: Str...	11.83	5.8	ng/ul	345526	2	10.40	1202600	20.0
(DEL) Alkane: Str...	12.80	5.9	ng/ul	610561	3	14.27	2060160	20.0
(DEL) Alkane: Str...	13.09	10.9	ng/ul	1118990	3	14.27	2060160	20.0
Sulfurous acid, b...	13.80	4.5	ng/ul	459919	3	14.27	2060160	20.0
(DEL) Alkane: Str...	13.87	2.0	ng/ul	209219	3	14.27	2060160	20.0
(DEL) Alkane: Str...	14.18	20.0	ng/ul	2059990	3	14.27	2060160	20.0
(DEL) Alkane: Str...	14.69	4.3	ng/ul	447994	3	14.27	2060160	20.0
Sulfurous acid, 2...	14.80	9.5	ng/ul	975281	3	14.27	2060160	20.0
(DEL) Alkane: Str...	14.87	2.3	ng/ul	234635	3	14.27	2060160	20.0
(DEL) Alkane: Str...	15.14	22.4	ng/ul	2307780	3	14.27	2060160	20.0
Tetratriacontyl h...	15.32	2.3	ng/ul	238655	3	14.27	2060160	20.0
(DEL) Alkane: Str...	15.54	24.3	ng/ul	2498970	3	14.27	2060160	20.0
(DEL) Alkane: Str...	15.64	5.2	ng/ul	535157	3	14.27	2060160	20.0
(DEL) Alkane: Cyc...	15.76	5.5	ng/ul	551812	4	17.02	2011970	20.0
(DEL) Alkane: Str...	16.00	36.2	ng/ul	3638500	4	17.02	2011970	20.0
(DEL) Alkane: Str...	16.34	3.6	ng/ul	364121	4	17.02	2011970	20.0
2-Bromo dodecane	16.79	23.0	ng/ul	2314970	4	17.02	2011970	20.0
(DEL) Alkane: Str...	16.84	32.8	ng/ul	3298870	4	17.02	2011970	20.0
(DEL) Alkane: Str...	17.45	5.8	ng/ul	580474	4	17.02	2011970	20.0
(DEL) Alkane: Str...	17.53	20.1	ng/ul	2020160	4	17.02	2011970	20.0
n-Hexadecanoic acid	17.93	6.1	ng/ul	616657	4	17.02	2011970	20.0
(DEL) Alkane: Str...	18.23	14.1	ng/ul	1414560	4	17.02	2011970	20.0
(DEL) Alkane: Str...	18.86	10.1	ng/ul	1014010	4	17.02	2011970	20.0
(DEL) Alkane: Str...	19.98	4.6	ng/ul	480167	5	21.22	2098350	20.0
(DEL) Alkane: Str...	20.48	2.8	ng/ul	296680	5	21.22	2098350	20.0
(DEL) Alkane: Cyc...	20.94	9.0	ng/ul	941884	5	21.22	2098350	20.0