

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
 Data File : BN012329.D
 Acq On : 18 Oct 2020 14:10
 Operator : CG/JU
 Sample : L4424-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F4W03

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.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	3.140	23	26	33	rBV	73177	96198	1.13%	0.090%
2	3.458	77	80	87	rBV	40599	53698	0.63%	0.050%
3	3.775	129	134	140	rVB	56695	87376	1.03%	0.082%
4	5.399	406	410	420	rVB2	55620	92977	1.10%	0.087%
5	6.046	512	520	532	rVB4	38822	100804	1.19%	0.094%
6	6.493	591	596	606	rVV5	56522	113513	1.34%	0.106%
7	6.775	636	644	654	rVB3	84899	184295	2.17%	0.173%
8	6.940	664	672	688	rBV	899967	1569909	18.49%	1.470%
9	7.134	698	705	715	rBV	690738	1060834	12.50%	0.993%
10	7.599	776	784	792	rBV	1023974	1607379	18.93%	1.505%
11	8.305	898	904	910	rVV	221695	350335	4.13%	0.328%
12	8.746	972	979	987	rVV	1211190	1951580	22.99%	1.827%
13	8.816	987	991	1000	rVB6	39655	91004	1.07%	0.085%
14	8.905	1000	1006	1016	rBV7	30163	81828	0.96%	0.077%
15	9.457	1094	1100	1110	rBV	1058206	1751533	20.63%	1.640%
16	9.722	1142	1145	1150	rVB2	36655	59173	0.70%	0.055%
17	9.804	1154	1159	1167	rVB3	51744	96257	1.13%	0.090%
18	9.910	1168	1177	1181	rBV3	47227	79415	0.94%	0.074%
19	9.993	1181	1191	1202	rBV	1019962	1675578	19.74%	1.569%
20	10.104	1206	1210	1214	rBV5	29562	45413	0.53%	0.043%
21	10.369	1245	1255	1262	rVV	1416137	2540812	29.93%	2.379%
22	10.534	1278	1283	1289	rVB2	64333	122196	1.44%	0.114%
23	10.769	1317	1323	1328	rBV6	24615	52330	0.62%	0.049%
24	10.857	1334	1338	1343	rBV4	40305	59119	0.70%	0.055%
25	11.210	1393	1398	1403	rVB2	61161	103816	1.22%	0.097%
26	11.293	1406	1412	1419	rVB3	93664	173019	2.04%	0.162%
27	11.393	1423	1429	1434	rBV	137385	253339	2.98%	0.237%
28	11.540	1449	1454	1460	rBV6	27914	53475	0.63%	0.050%
29	11.804	1491	1499	1505	rBV	536109	784756	9.24%	0.735%
30	11.946	1520	1523	1526	rBV4	36453	52669	0.62%	0.049%
31	12.098	1545	1549	1552	rBV4	41565	68997	0.81%	0.065%
32	12.169	1558	1561	1565	rVB4	40846	60172	0.71%	0.056%
33	12.257	1571	1576	1581	rBV4	58991	119895	1.41%	0.112%
34	12.451	1602	1609	1612	rBV2	118866	210198	2.48%	0.197%

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35	12.493	1612	1616	1622	rVV2	91264	161316	1.90%	0.151%
36	12.557	1624	1627	1631	rVV	92275	116079	1.37%	0.109%
37	12.634	1635	1640	1644	rBV	174448	269996	3.18%	0.253%
38	12.716	1650	1654	1659	rBV	170187	258037	3.04%	0.242%
39	12.775	1660	1664	1668	rVV	212961	268309	3.16%	0.251%
40	13.069	1706	1714	1721	rBV	1112333	1649920	19.44%	1.545%
41	13.157	1725	1729	1732	rBV	113217	153439	1.81%	0.144%
42	13.228	1739	1741	1746	rVB	117036	143659	1.69%	0.135%
43	13.281	1747	1750	1751	rBV2	44829	46612	0.55%	0.044%
44	13.381	1764	1767	1770	rBV4	61184	77520	0.91%	0.073%
45	13.463	1777	1781	1788	rBV4	83232	214633	2.53%	0.201%
46	13.569	1791	1799	1800	rBV7	71934	170345	2.01%	0.160%
47	13.604	1800	1805	1808	rVB4	128208	219607	2.59%	0.206%
48	13.657	1808	1814	1818	rBV	3033550	4177055	49.20%	3.911%
49	13.704	1818	1822	1825	rBV2	329129	448311	5.28%	0.420%
50	13.775	1830	1834	1840	rVV2	357260	571074	6.73%	0.535%
51	13.851	1842	1847	1851	rVV	256952	342365	4.03%	0.321%
52	13.928	1851	1860	1868	rVV	3227082	4872974	57.40%	4.563%
53	14.151	1893	1898	1902	rBV	1778436	2169709	25.56%	2.032%
54	14.240	1907	1913	1924	rVB	2284489	3557027	41.90%	3.331%
55	14.451	1944	1949	1953	rBV2	263030	417822	4.92%	0.391%
56	14.592	1966	1973	1979	rBV5	289384	851739	10.03%	0.798%
57	14.651	1980	1983	1989	rVV3	271954	447850	5.28%	0.419%
58	14.710	1990	1993	1997	rVB	211605	248964	2.93%	0.233%
59	14.775	2000	2004	2011	rVV4	432646	707826	8.34%	0.663%
60	14.839	2012	2015	2020	rVB	251320	311300	3.67%	0.291%
61	14.951	2030	2034	2036	rBV2	109339	162981	1.92%	0.153%
62	15.110	2056	2061	2065	rVB	1901894	2310219	27.21%	2.163%
63	15.239	2077	2083	2088	rVB	4215198	6038178	71.13%	5.654%
64	15.292	2089	2092	2095	rBV4	101823	130272	1.53%	0.122%
65	15.363	2099	2104	2109	rVB	1763868	2365521	27.86%	2.215%
66	15.516	2122	2130	2134	rBV	390026	872349	10.28%	0.817%
67	15.551	2134	2136	2140	rVB2	232214	290550	3.42%	0.272%
68	15.604	2141	2145	2152	rBV5	269527	447530	5.27%	0.419%
69	15.663	2152	2155	2160	rBV3	265945	390550	4.60%	0.366%
70	15.728	2161	2166	2172	rVB4	343601	509290	6.00%	0.477%
71	15.892	2192	2194	2196	rBV2	76489	61925	0.73%	0.058%

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72	15.969	2202	2207	2215	rBV	2299127	3276087	38.59%	3.068%
73	16.269	2255	2258	2262	rVB	297624	368143	4.34%	0.345%
74	16.316	2262	2266	2269	rBV2	351965	551619	6.50%	0.517%
75	16.375	2273	2276	2281	rVB2	168023	212523	2.50%	0.199%
76	16.428	2282	2285	2290	rVB3	184741	208057	2.45%	0.195%
77	16.481	2290	2294	2299	rVB	192104	239029	2.82%	0.224%
78	16.545	2302	2305	2308	rBV	175402	194450	2.29%	0.182%
79	16.763	2338	2342	2346	rVB	2183120	2358042	27.78%	2.208%
80	16.816	2347	2351	2355	rVV	572277	746705	8.80%	0.699%
81	16.986	2375	2380	2385	rBV	2689443	3644300	42.93%	3.412%
82	17.086	2391	2397	2403	rVB2	4564492	6638149	78.19%	6.216%
83	17.233	2418	2422	2428	rBV4	277677	416316	4.90%	0.390%
84	17.298	2430	2433	2438	rVB2	275497	350577	4.13%	0.328%
85	17.498	2463	2467	2472	rVB	2035246	2336323	27.52%	2.188%
86	17.775	2512	2514	2519	rBV3	133361	188956	2.23%	0.177%
87	17.898	2531	2535	2540	rBV2	1434003	1752301	20.64%	1.641%
88	18.192	2580	2585	2591	rBV	1713728	2058620	24.25%	1.928%
89	18.663	2662	2665	2670	rBV3	194704	245026	2.89%	0.229%
90	18.833	2690	2694	2699	rVB	1329612	1516186	17.86%	1.420%
91	18.957	2712	2715	2717	rBV2	117873	135048	1.59%	0.126%
92	19.057	2729	2732	2735	rBV3	127047	162614	1.92%	0.152%
93	19.186	2751	2754	2760	rBV2	383368	538991	6.35%	0.505%
94	19.392	2783	2789	2797	rBV	5719753	8489403	100.00%	7.949%
95	19.951	2881	2884	2888	rVB	444611	459571	5.41%	0.430%
96	20.451	2966	2969	2978	rVB	257009	298132	3.51%	0.279%
97	20.910	3043	3047	3055	rBV	1055049	1318317	15.53%	1.234%
98	21.186	3089	3094	3099	rBV	3556311	4206919	49.55%	3.939%
99	23.227	3434	3441	3452	rVB	4262752	7600335	89.53%	7.117%
100	23.363	3458	3464	3471	rVB	2325598	4030528	47.48%	3.774%

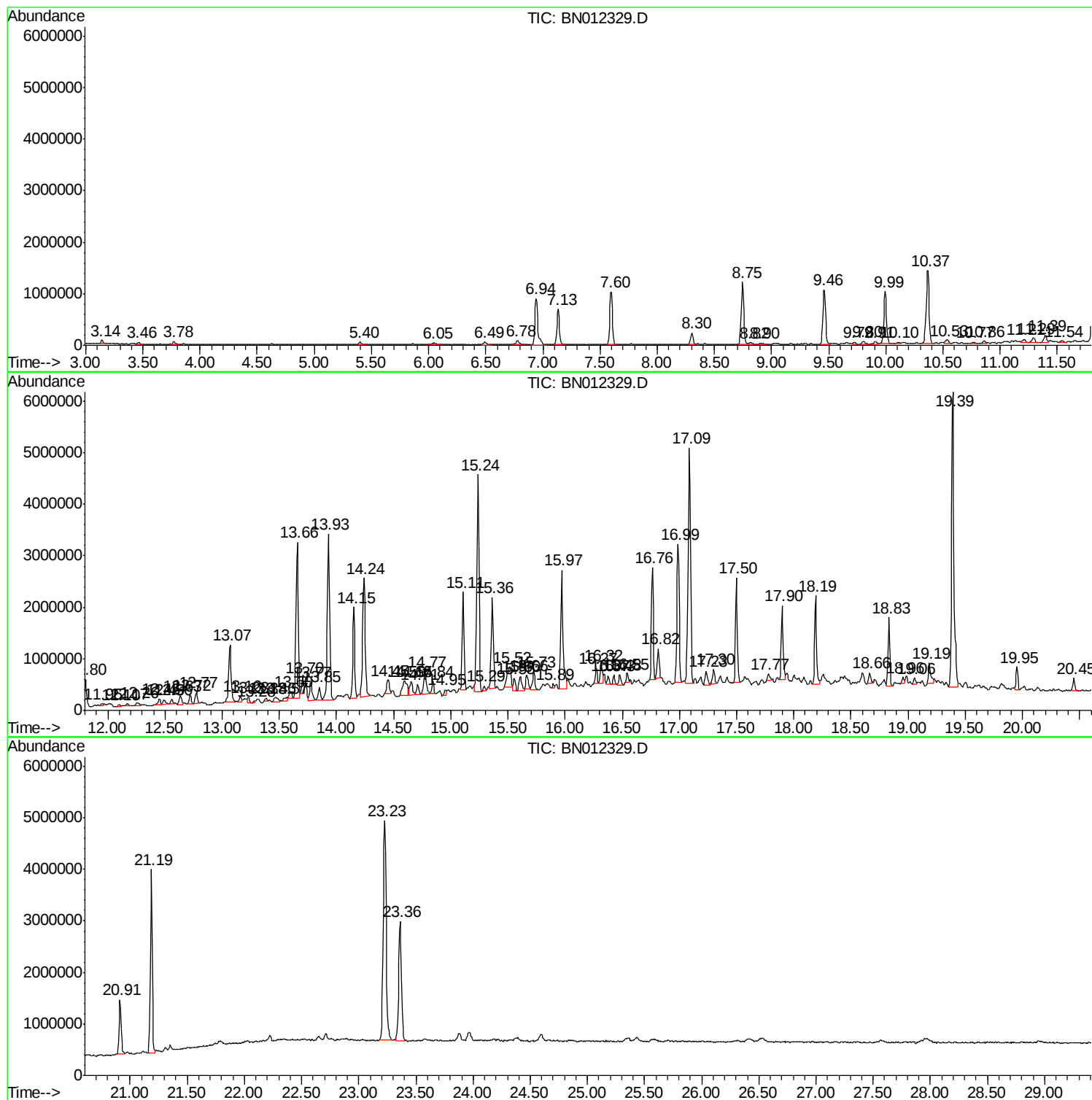
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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



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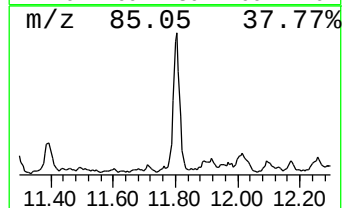
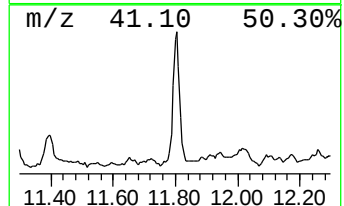
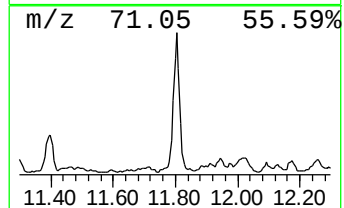
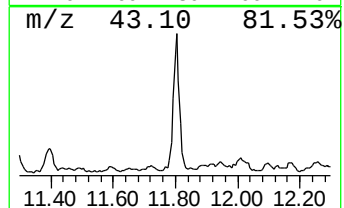
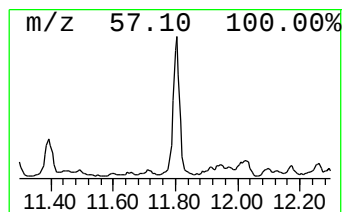
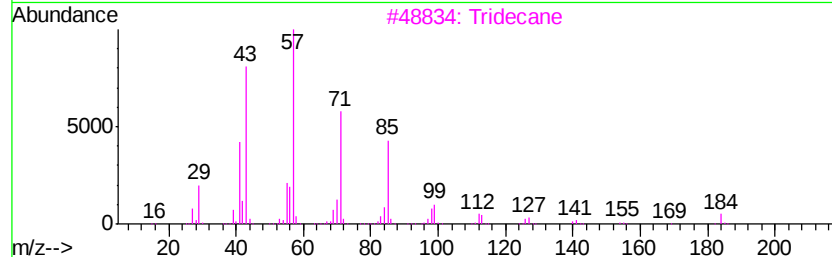
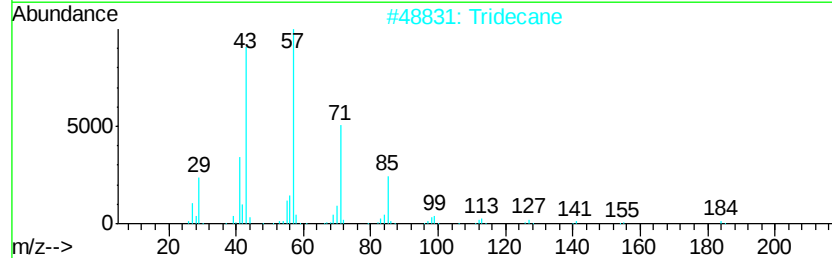
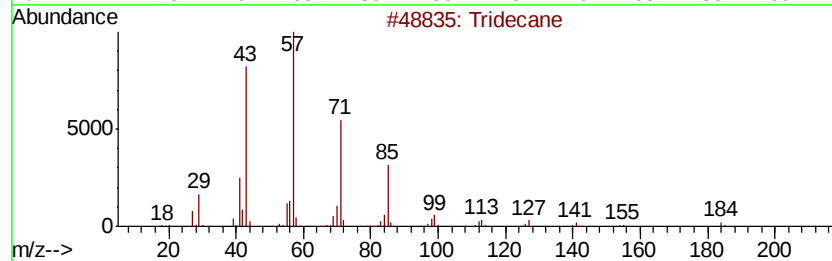
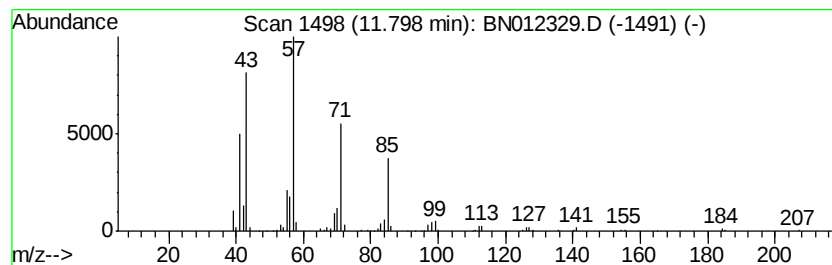
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	6.18 ng/ul	784756	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	94
3		Tridecane	184	C13H28	000629-50-5	93
4		Tetradecane	198	C14H30	000629-59-4	91
5		Hexadecane	226	C16H34	000544-76-3	90



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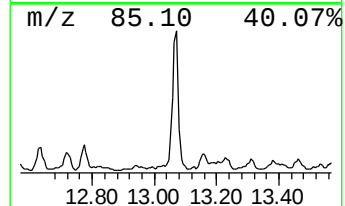
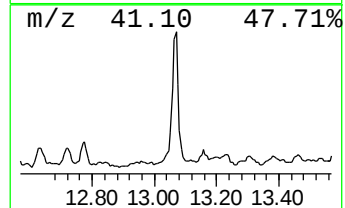
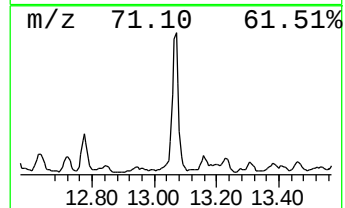
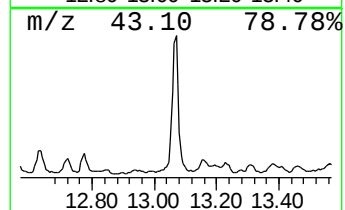
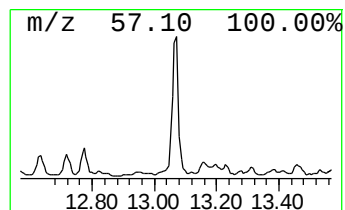
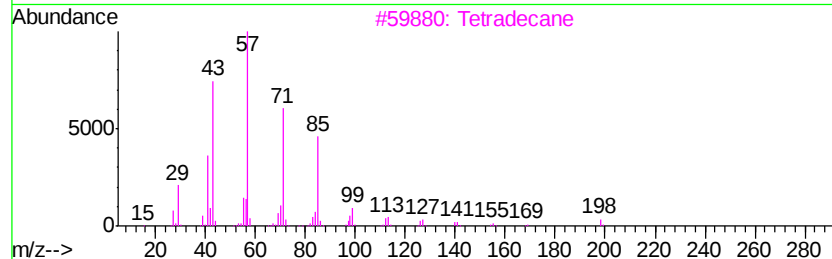
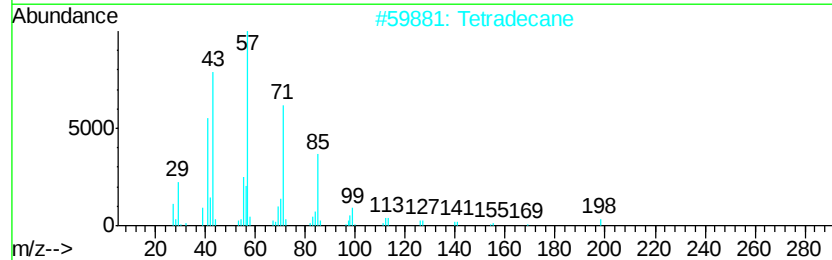
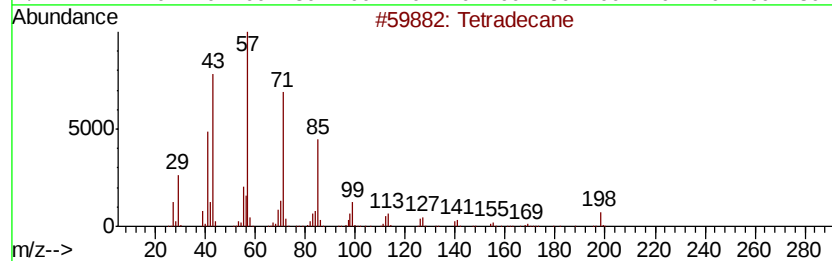
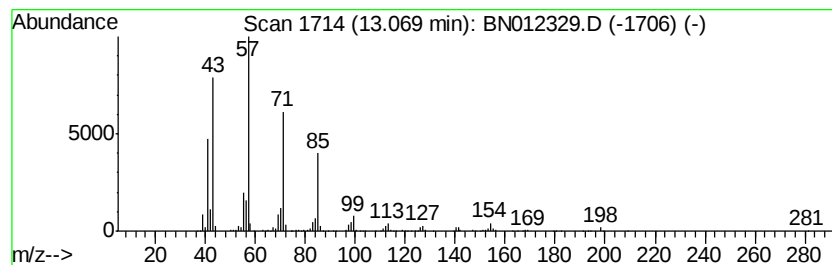
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	9.28 ng/ul	1649920	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	97
2			Tetradecane	198	C14H30	000629-59-4	96
3			Tetradecane	198	C14H30	000629-59-4	96
4			Tetradecane	198	C14H30	000629-59-4	94
5			Hexadecane	226	C16H34	000544-76-3	91



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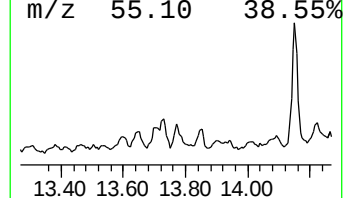
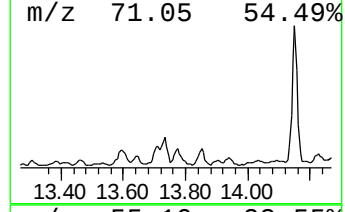
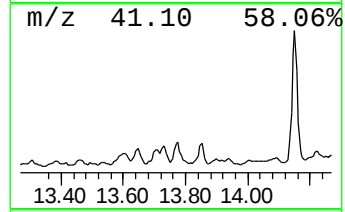
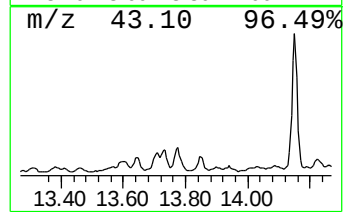
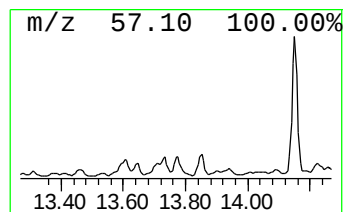
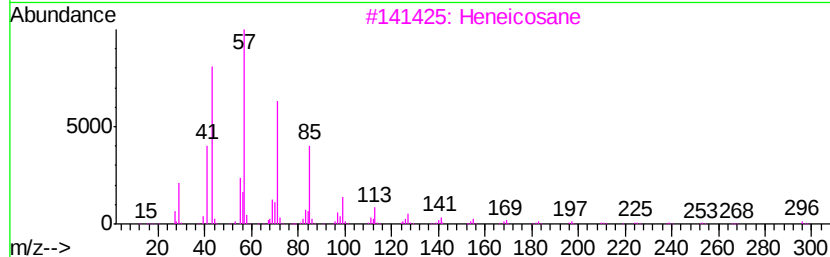
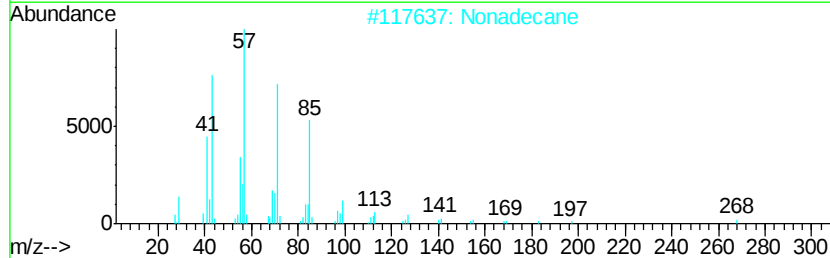
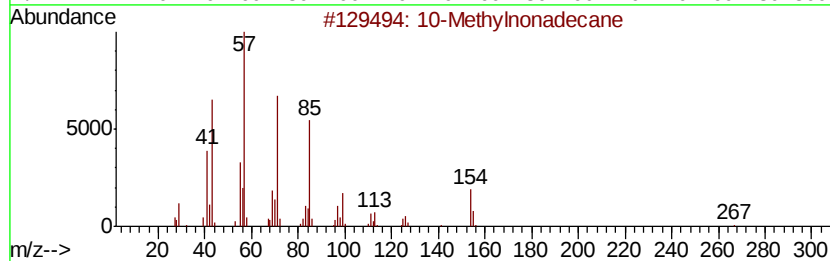
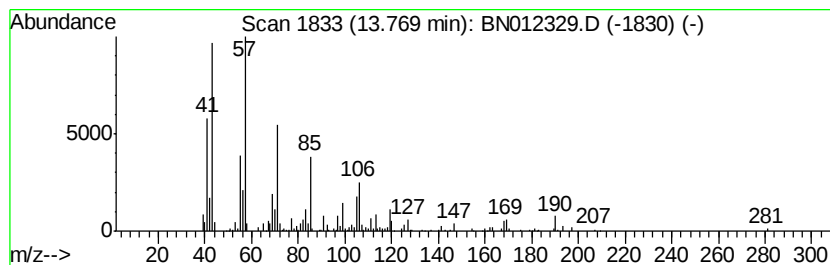
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.21 ng/ul	571074	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Methylnonadecane	282	C20H42	056862-62-5	74
2			Nonadecane	268	C19H40	000629-92-5	72
3			Heneicosane	296	C21H44	000629-94-7	72
4			Eicosane, 2-methyl-	296	C21H44	001560-84-5	72
5			Octadecane, 2-methyl-	268	C19H40	001560-88-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F4W03

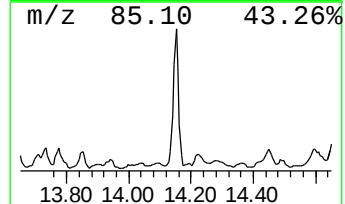
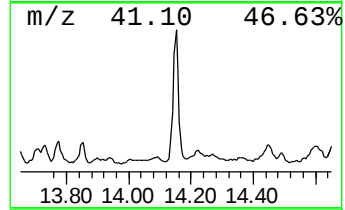
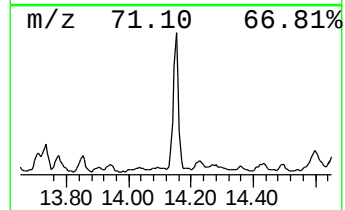
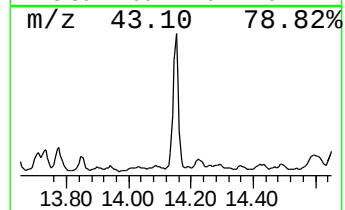
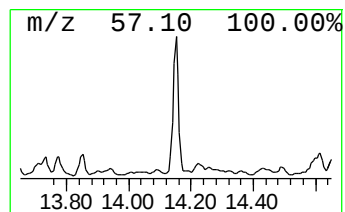
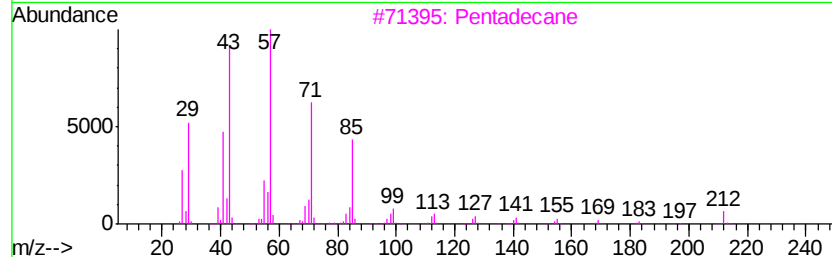
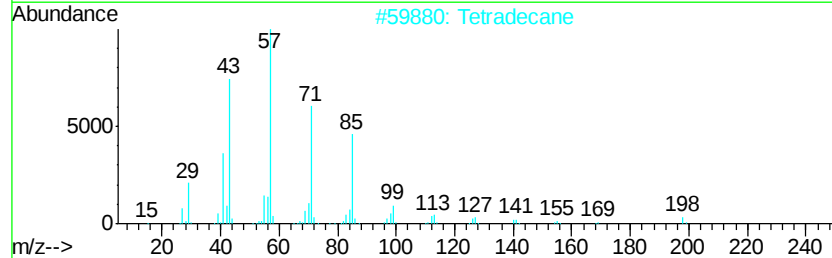
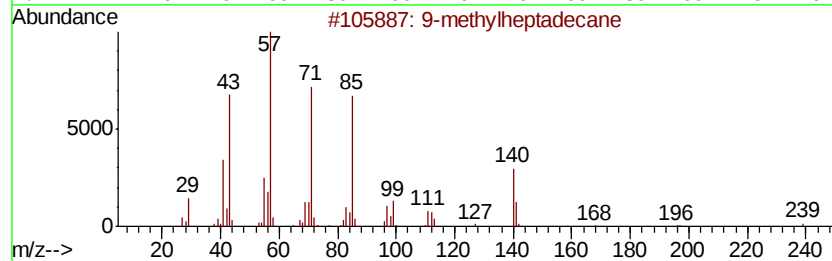
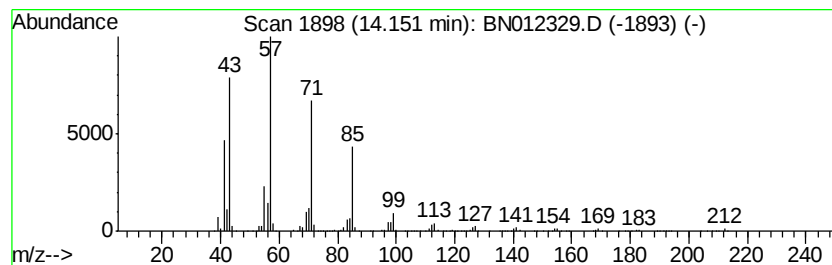
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	12.20 ng/ul	2169710	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-methylheptadecane	254	C18H38	026741-18-4	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tridecane	184	C13H28	000629-50-5	86
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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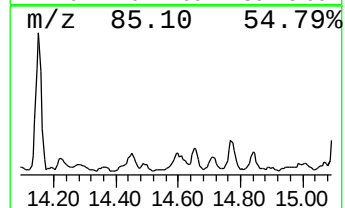
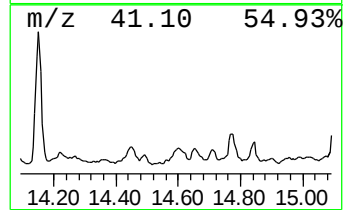
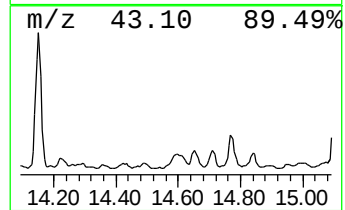
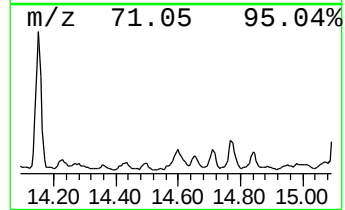
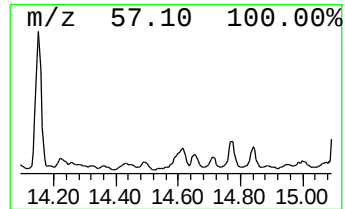
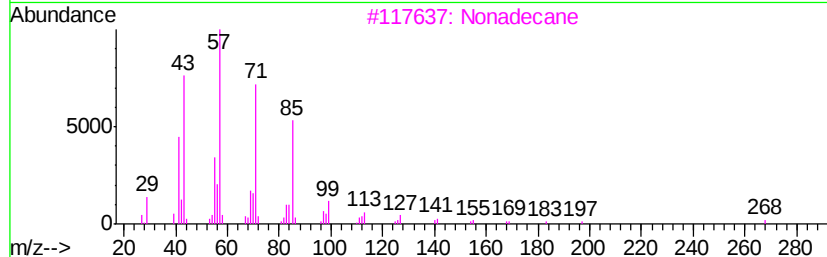
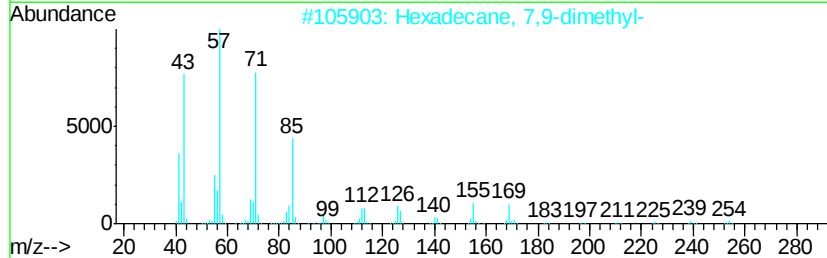
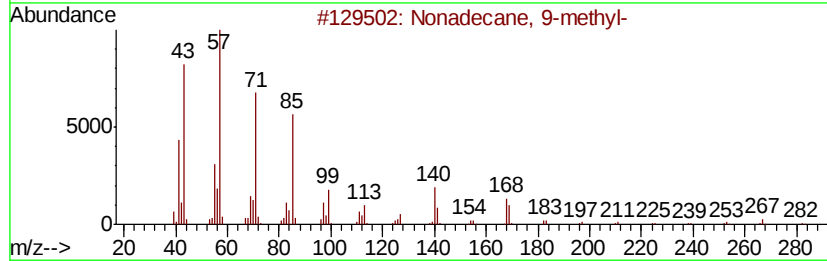
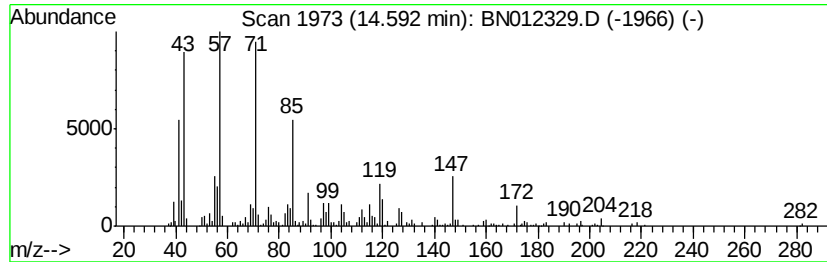
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	4.79 ng/ul	851739	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	49
2			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	49
3			Nonadecane	268	C19H40	000629-92-5	49
4			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	46
5			Hexacosane	366	C26H54	000630-01-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

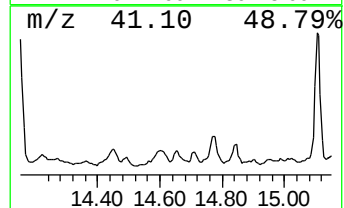
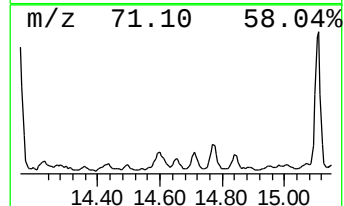
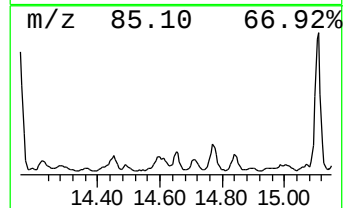
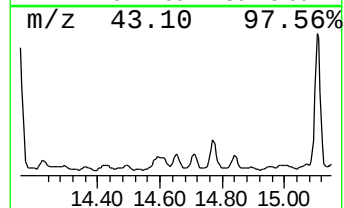
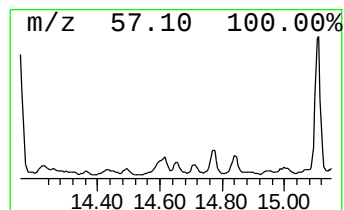
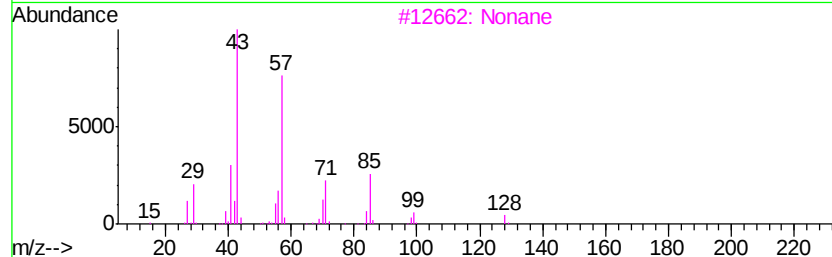
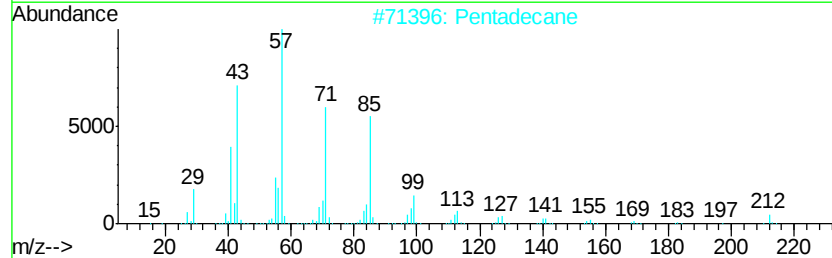
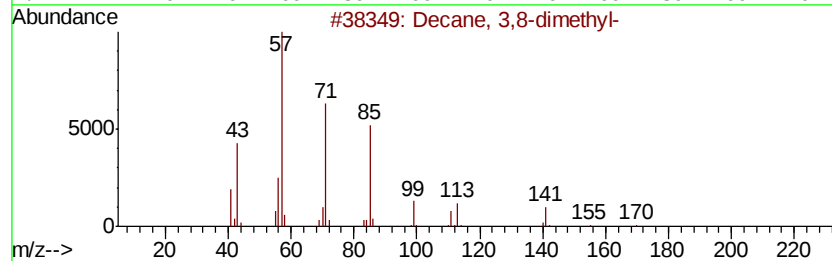
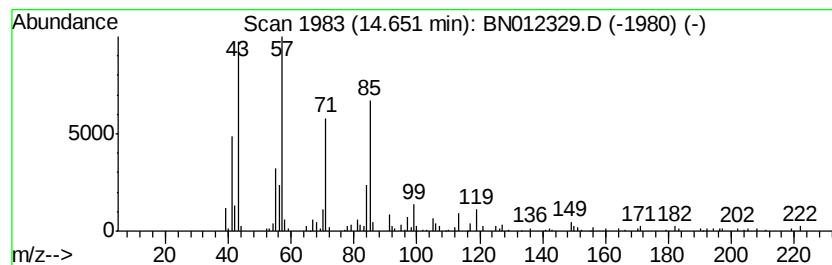
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.65	2.52 ng/ul	447850	Acenaphthene-d10		14.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
2	Pentadecane	212	C15H32	000629-62-9	64
3	Nonane	128	C9H20	000111-84-2	64
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
5	Undecane	156	C11H24	001120-21-4	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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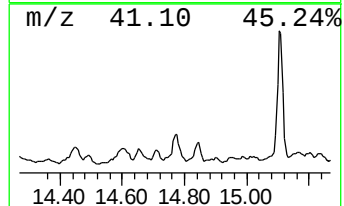
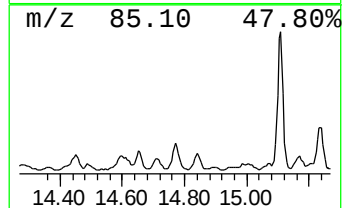
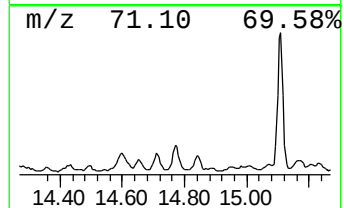
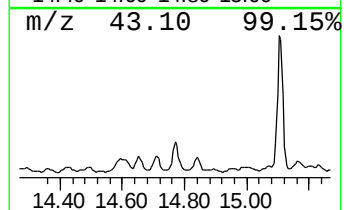
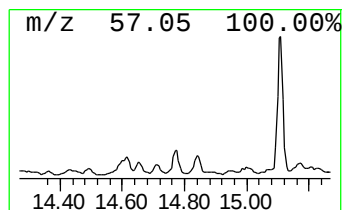
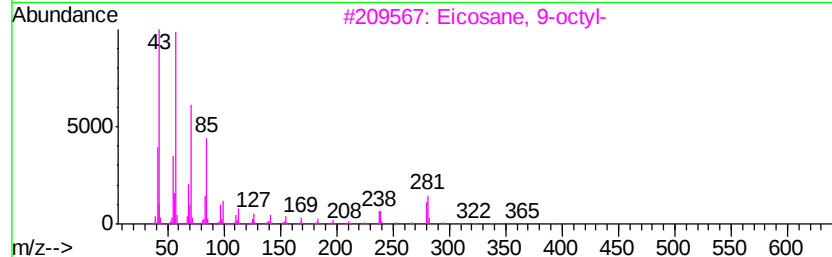
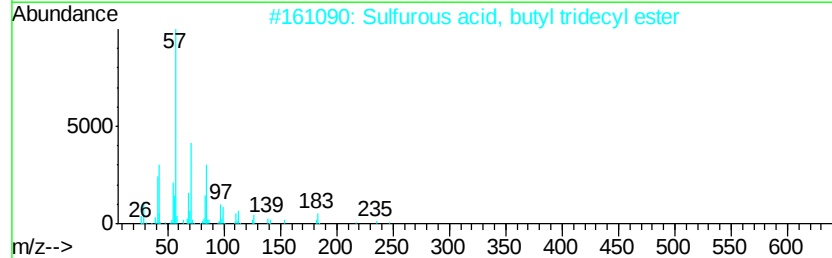
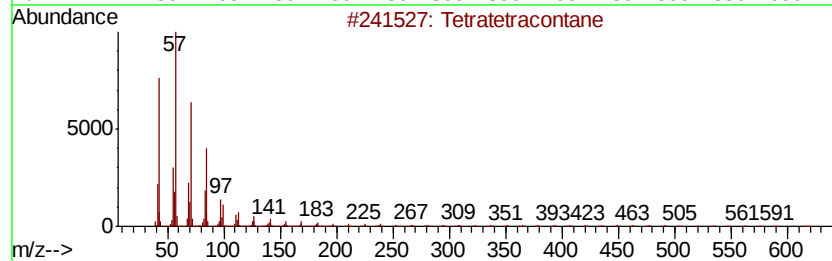
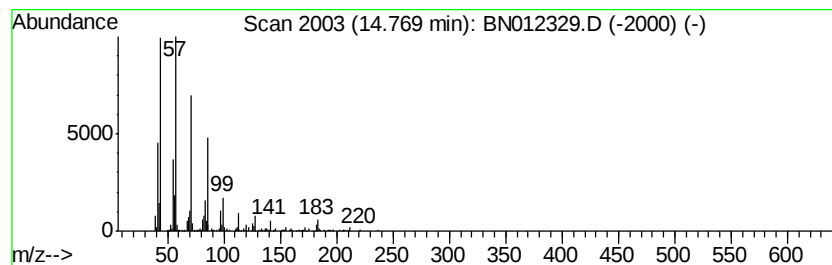
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.98 ng/ul	707826	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	86
2			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
3			Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
4			Octadecane, 2-methyl-	268	C19H40	001560-88-9	80
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

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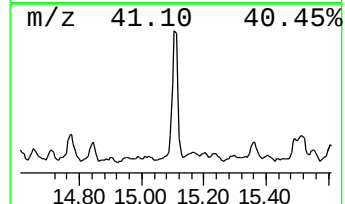
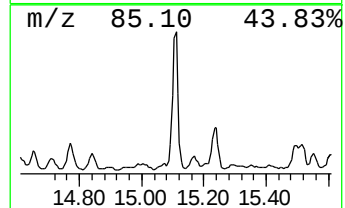
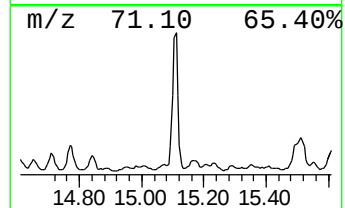
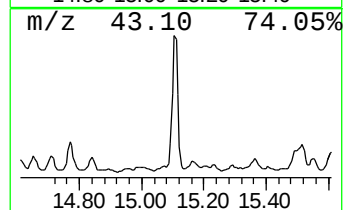
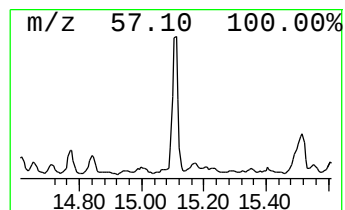
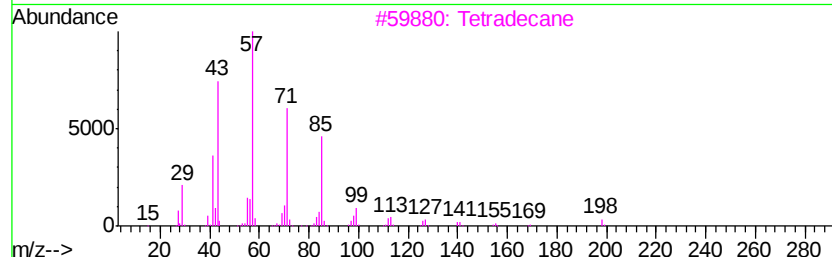
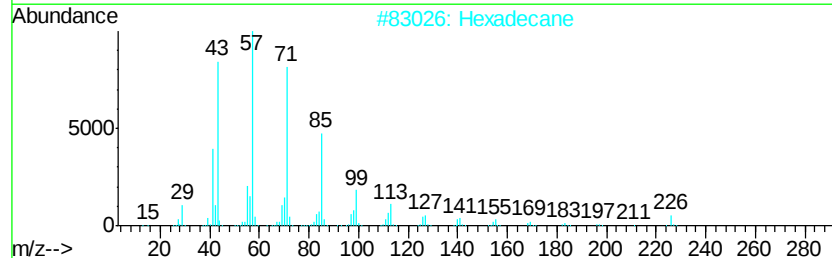
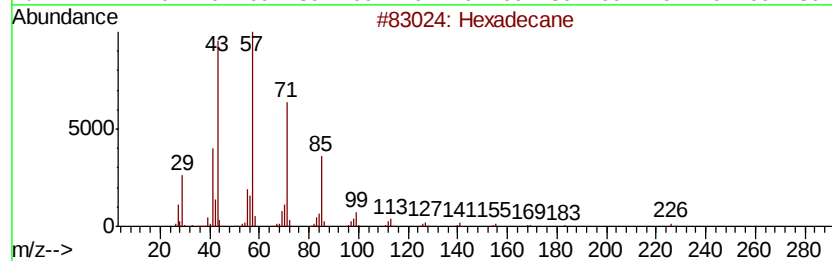
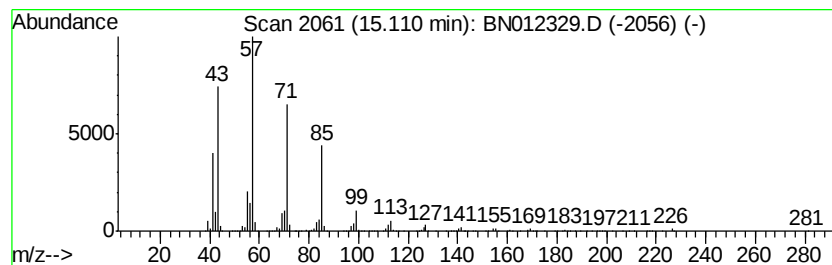
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	12.99 ng/ul	2310220	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	96
2		Hexadecane	226	C16H34	000544-76-3	95
3		Tetradecane	198	C14H30	000629-59-4	90
4		Hexadecane	226	C16H34	000544-76-3	89
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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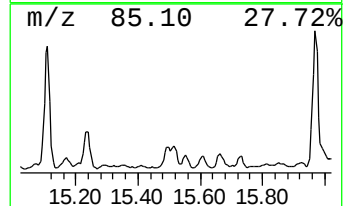
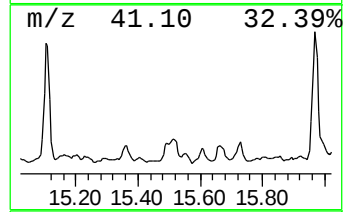
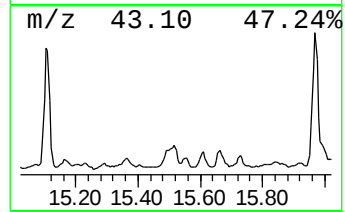
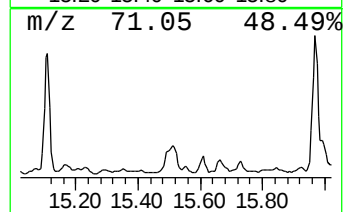
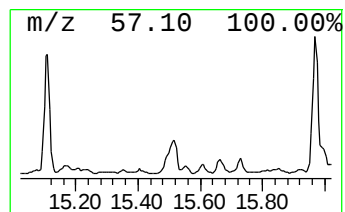
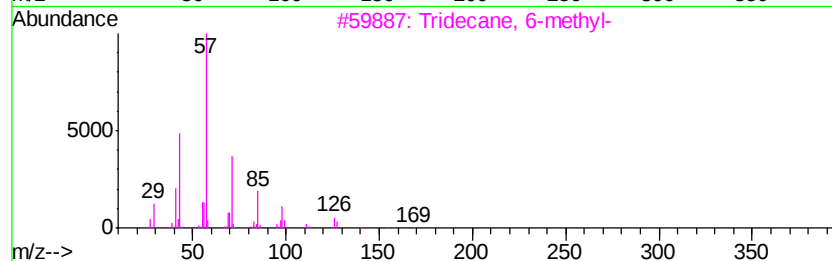
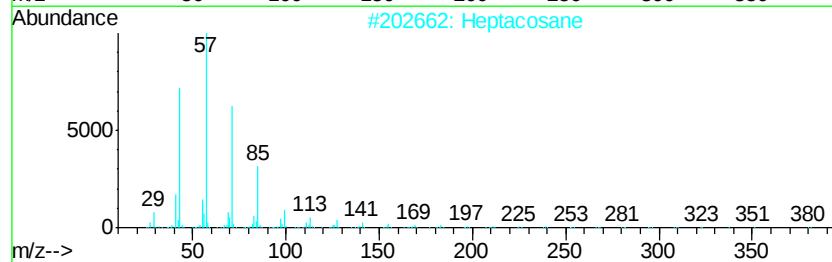
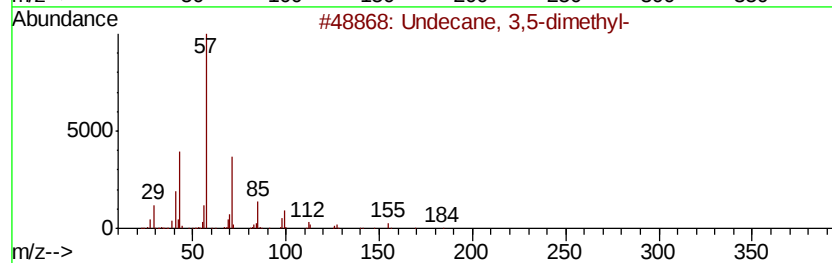
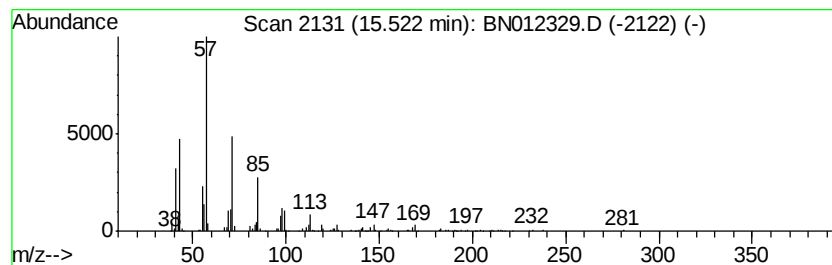
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.90 ng/ul	872349	Acenaphthene-d10	14.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2		Heptacosane	380	C27H56	000593-49-7	86
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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ALS Vial : 44 Sample Multiplier: 1

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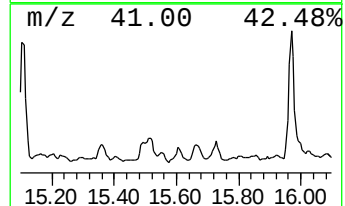
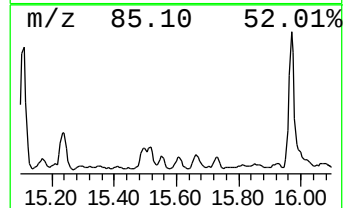
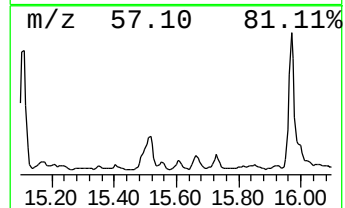
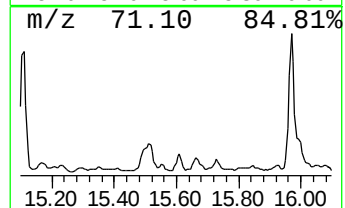
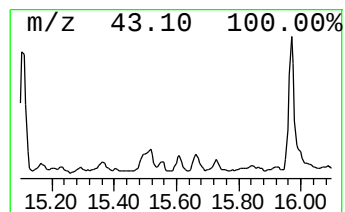
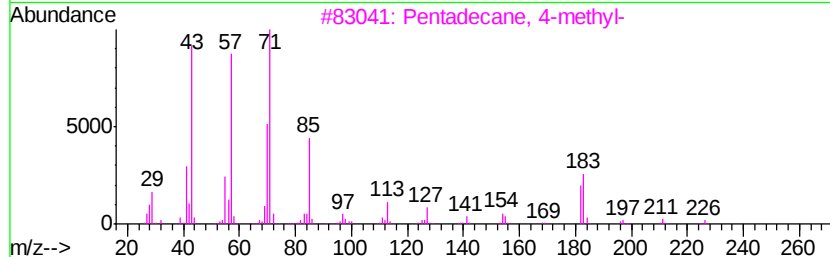
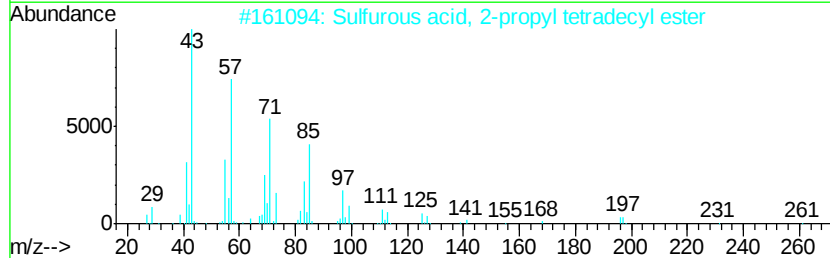
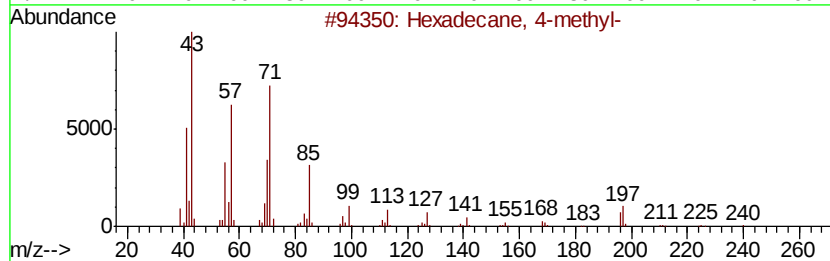
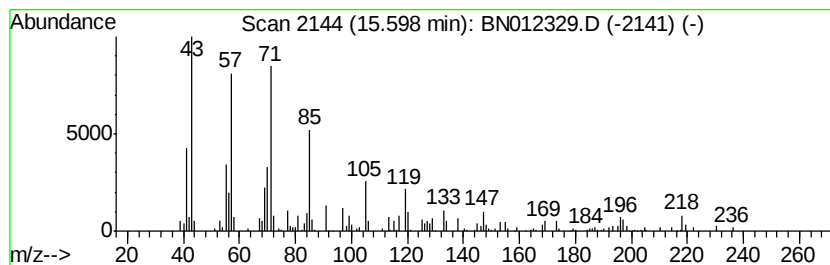
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.52 ng/ul	447530	Acenaphthene-d10	14.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 4-methyl-	240	C17H36	025117-26-4	86
2			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	80
3			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	80
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	80
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F4W03

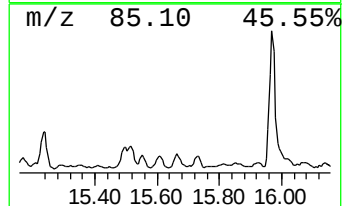
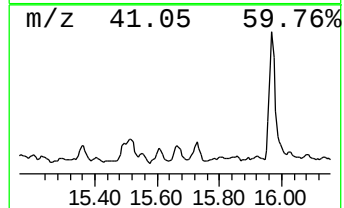
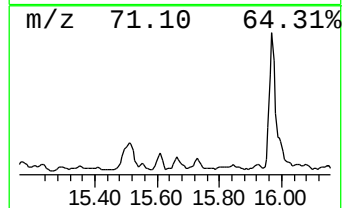
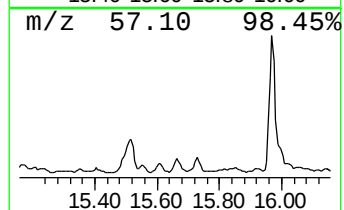
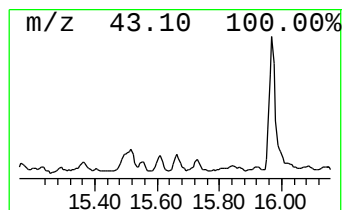
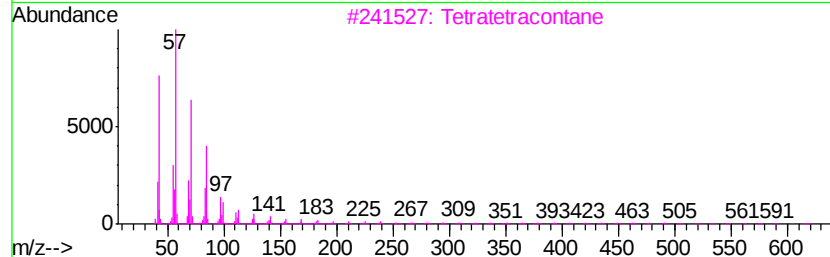
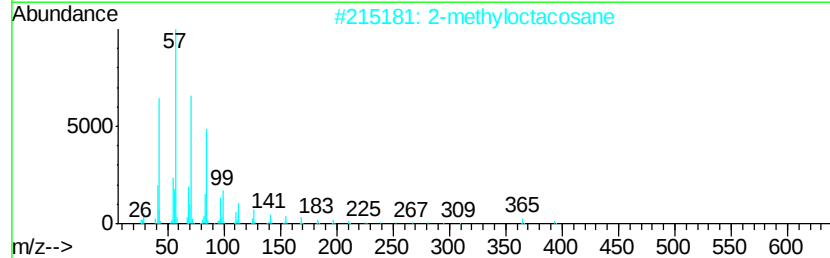
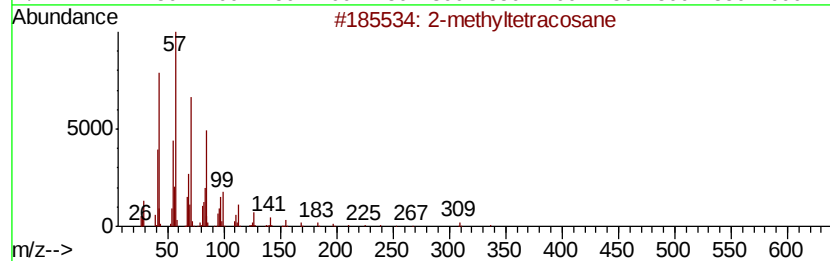
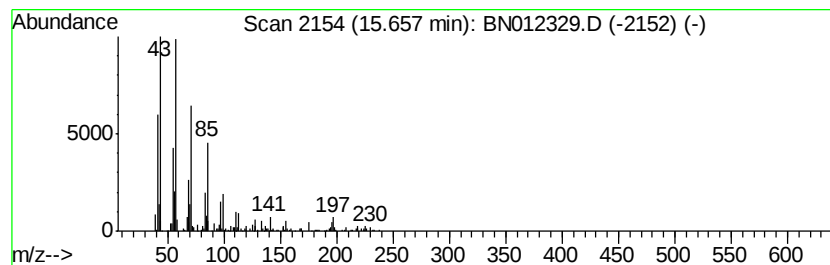
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.14 ng/ul	390550	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyltetracosane	352	C25H52	1000376-72-6	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	87
3			Tetratetracontane	619	C44H90	007098-22-8	86
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
5			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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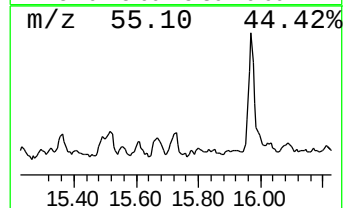
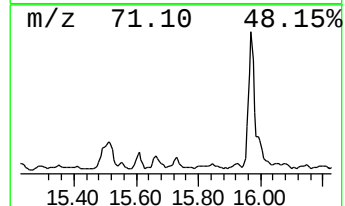
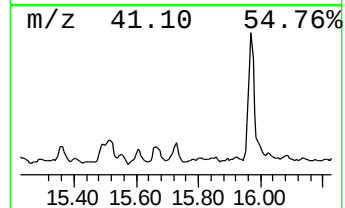
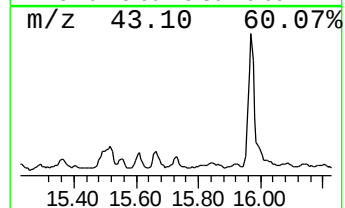
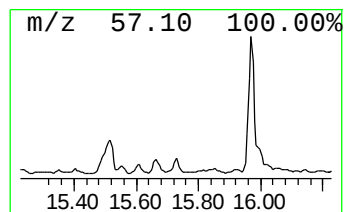
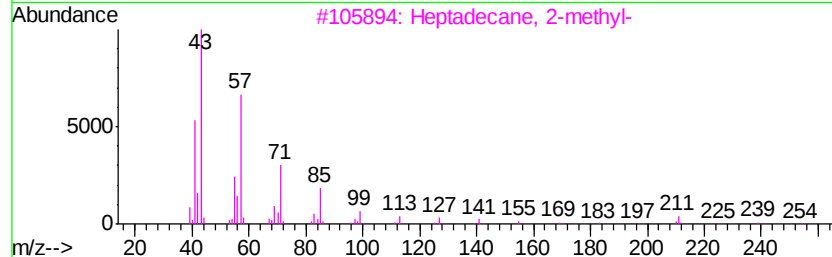
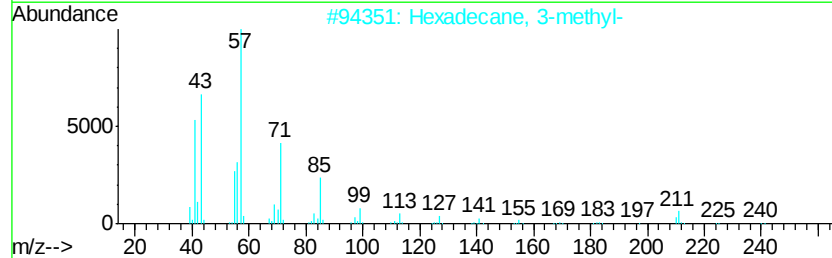
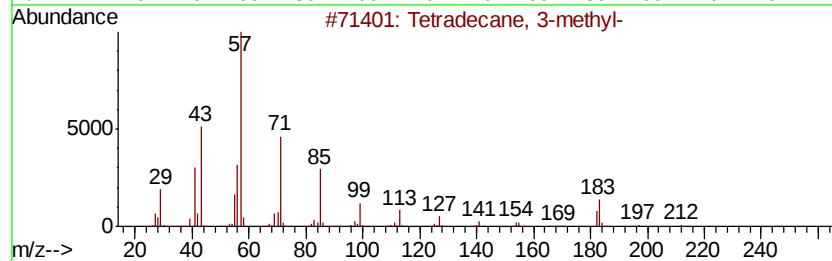
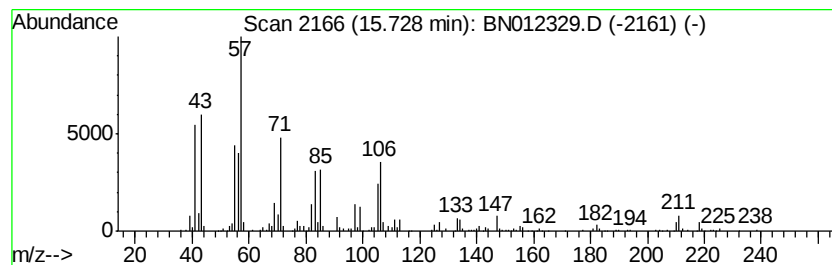
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.79 ng/ul	509290	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 3-methyl-	212	C15H32	018435-22-8	58
2			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	52
3			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	49
4			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	46
5			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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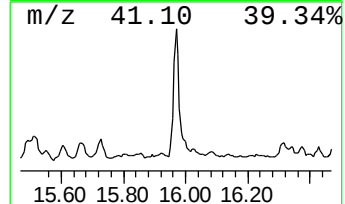
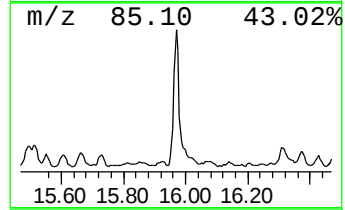
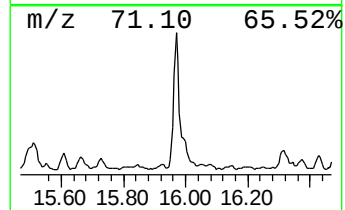
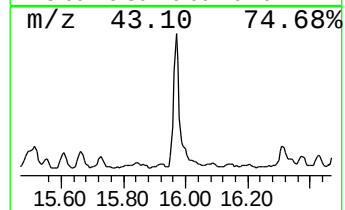
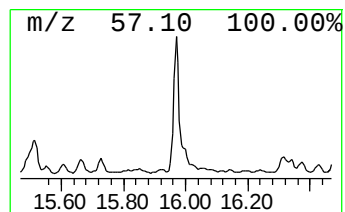
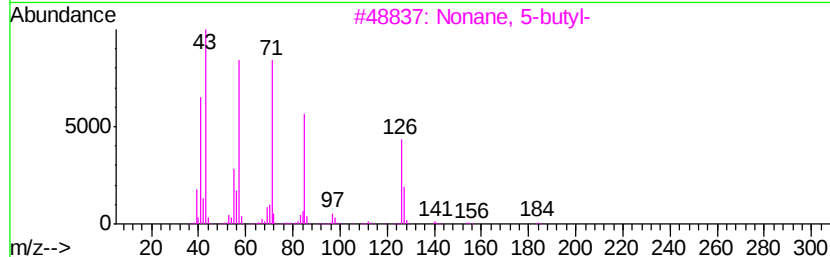
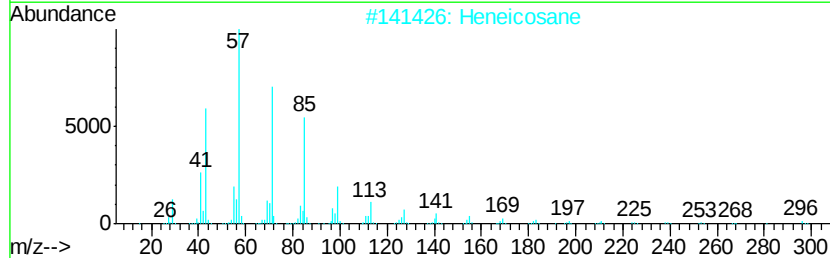
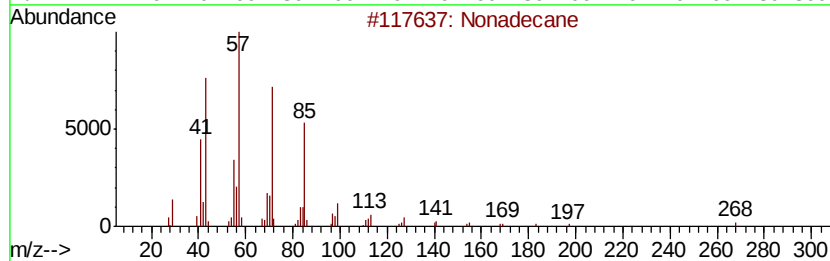
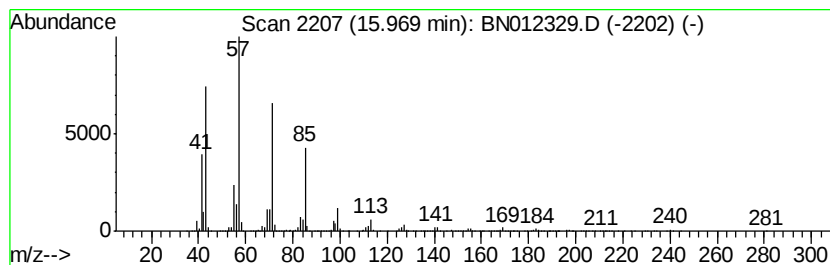
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	17.98 ng/ul	3276090	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	89
4		Eicosane	282	C20H42	000112-95-8	87
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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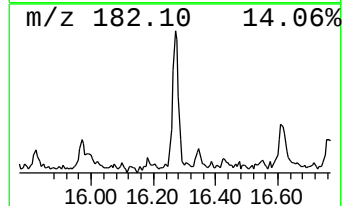
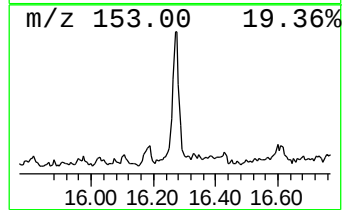
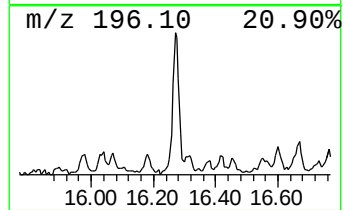
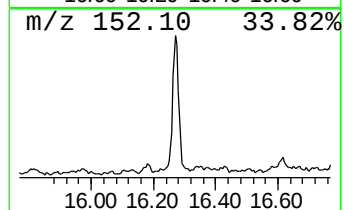
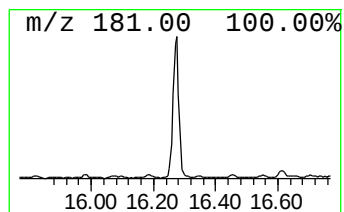
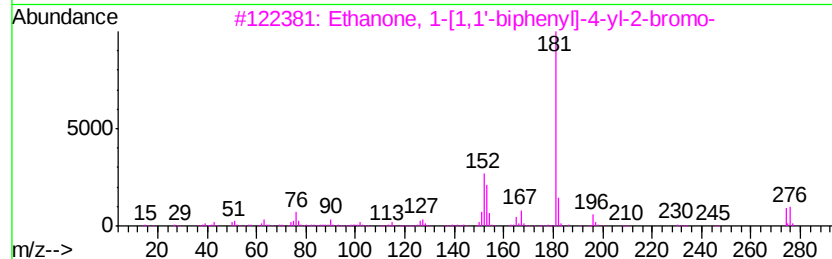
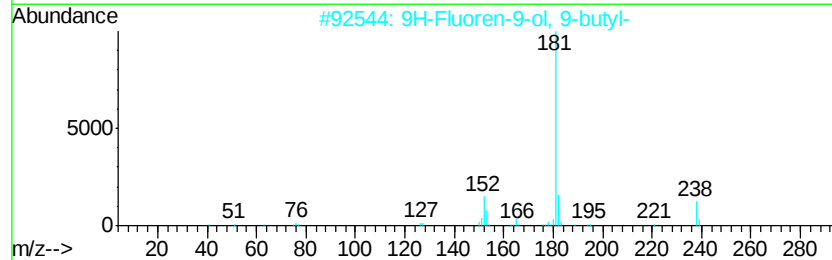
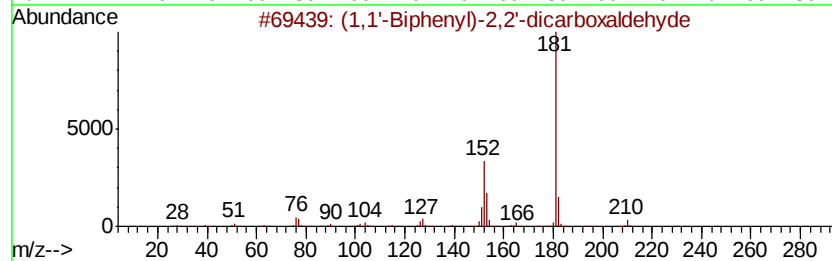
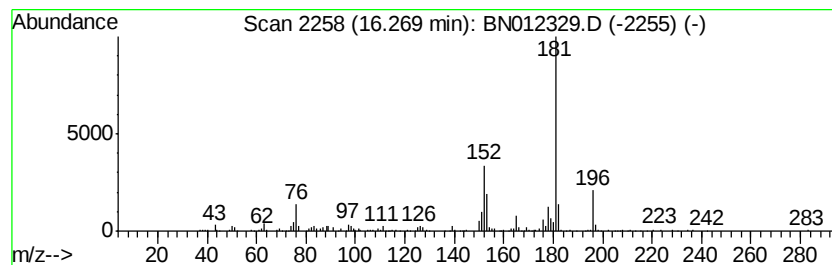
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (1,1'-Biphenyl)-2,2'-dicarb... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.02 ng/ul	368143	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,1'-Biphenyl)-2,2'-dicarboxald...	210	C14H10O2	001210-05-5	64
2			9H-Fluoren-9-ol, 9-butyl-	238	C17H18O	005806-10-0	64
3			Ethanone, 1-[1,1'-biphenyl]-4-yl...	274	C14H11BrO	000135-73-9	64
4			Flurecol	226	C14H10O3	000467-69-6	59
5			3-Methylcarbazole	181	C13H11N	004630-20-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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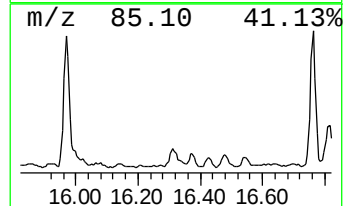
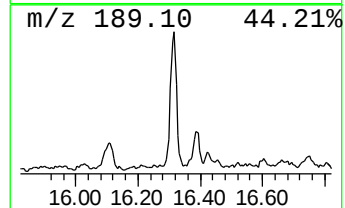
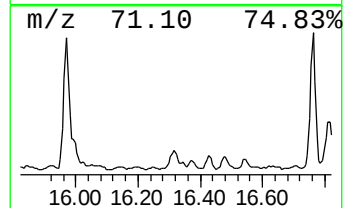
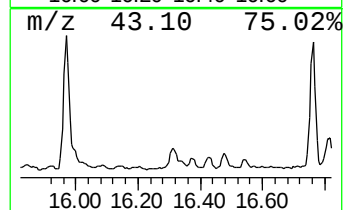
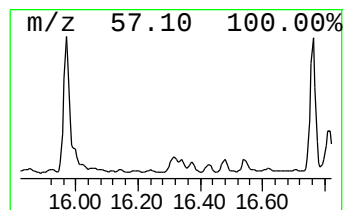
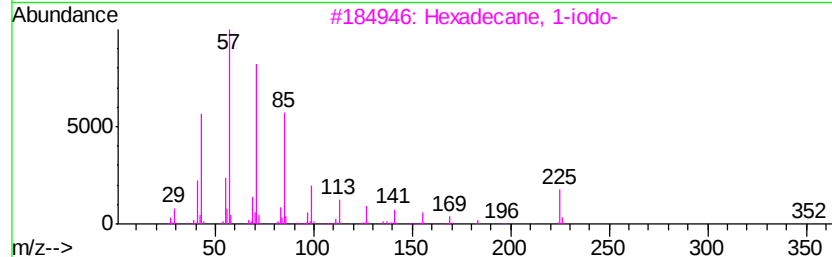
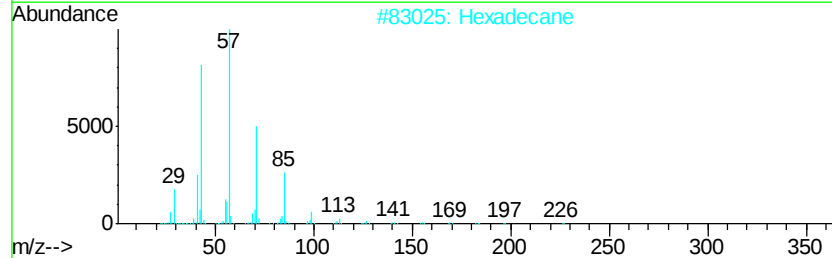
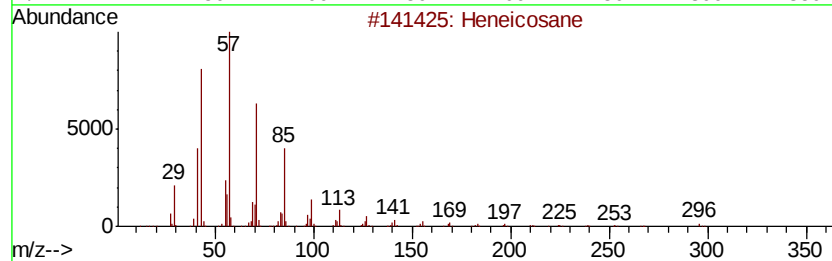
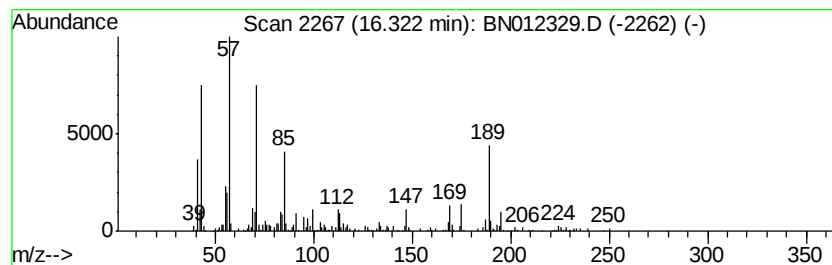
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	3.03 ng/ul	551619	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	53
2			Hexadecane	226	C16H34	000544-76-3	49
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49
4			triacontane	422	C30H62	000638-68-6	49
5			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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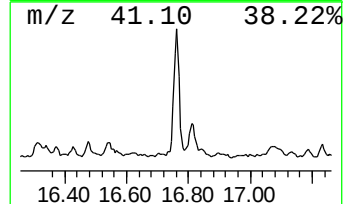
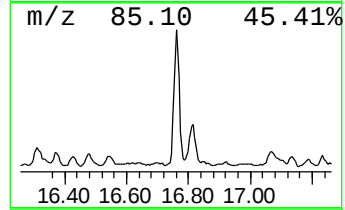
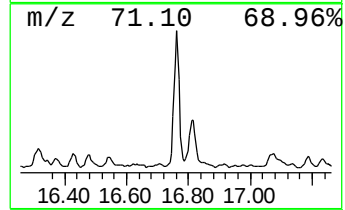
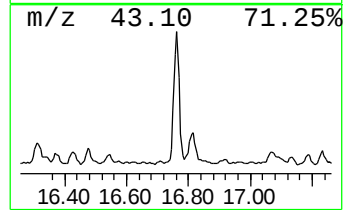
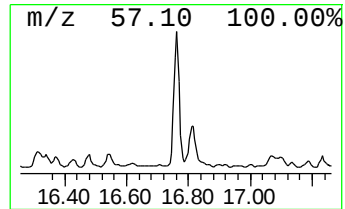
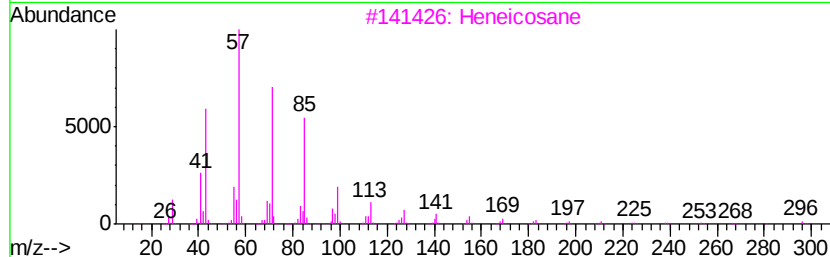
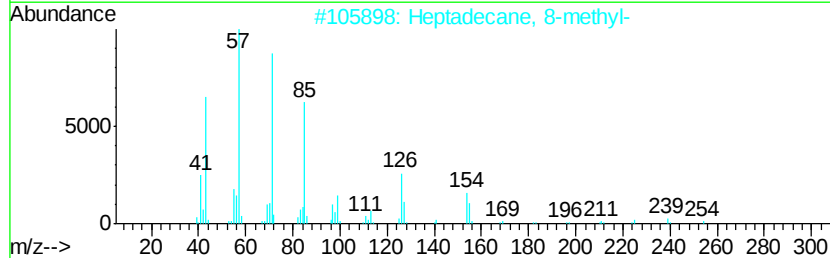
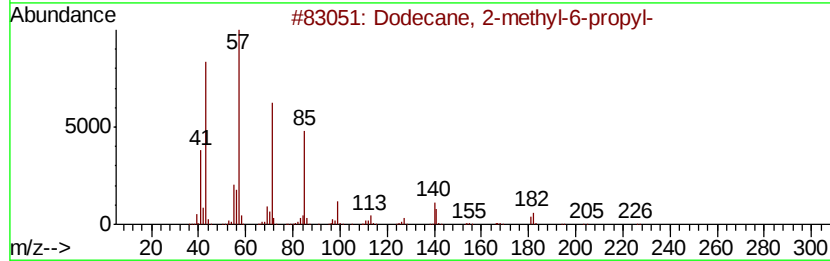
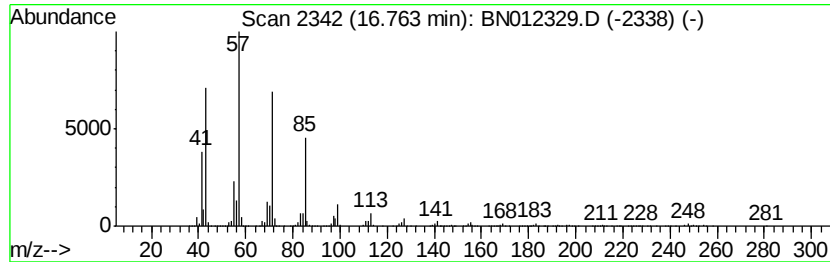
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	12.94 ng/ul	2358040	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F4W03

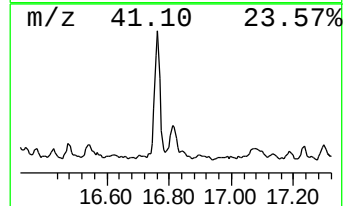
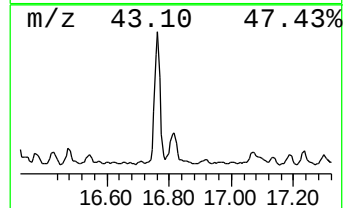
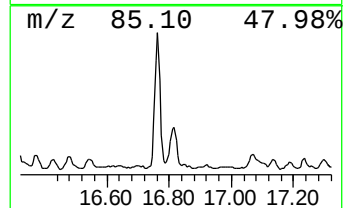
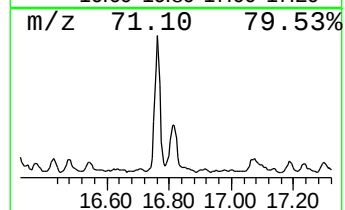
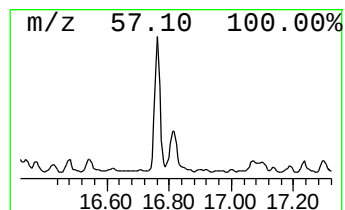
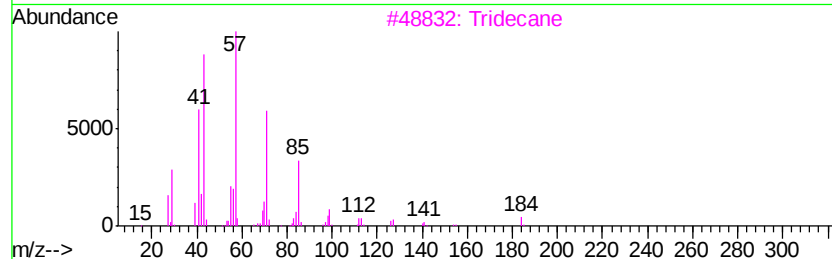
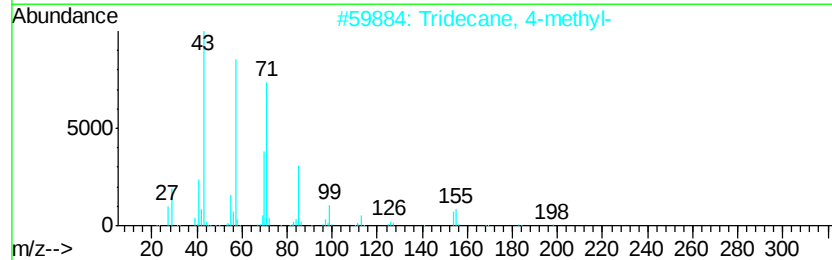
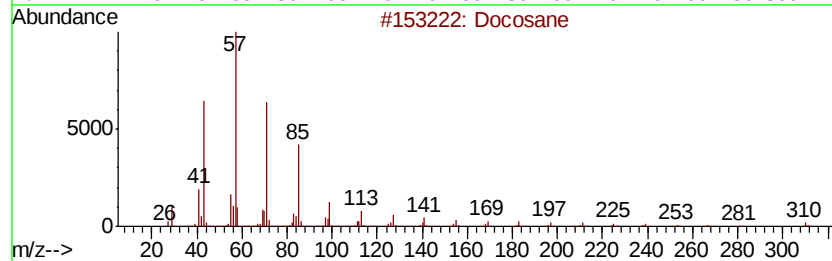
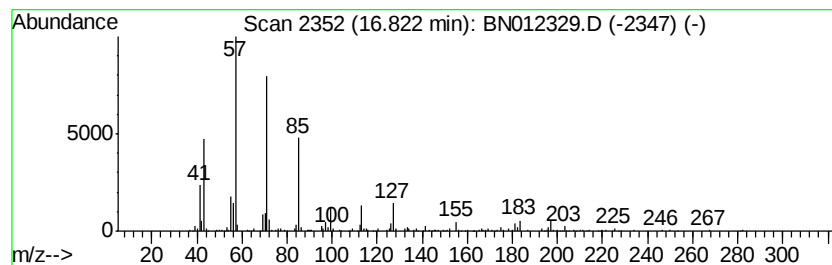
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	4.10 ng/ul	746705	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	90
2			Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
3			Tridecane	184	C13H28	000629-50-5	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F4W03

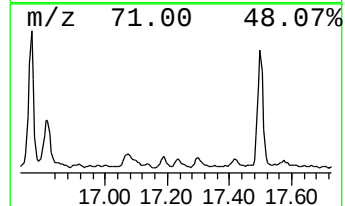
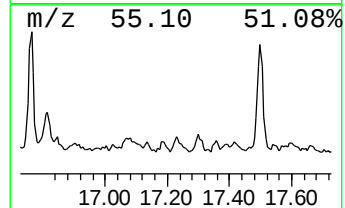
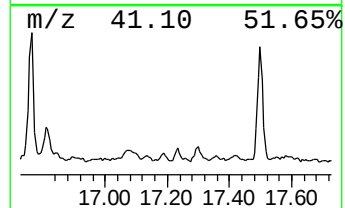
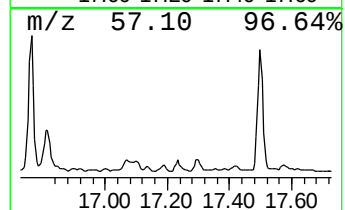
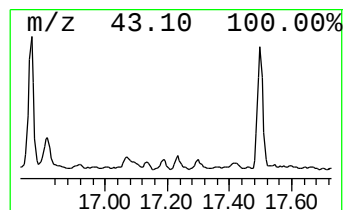
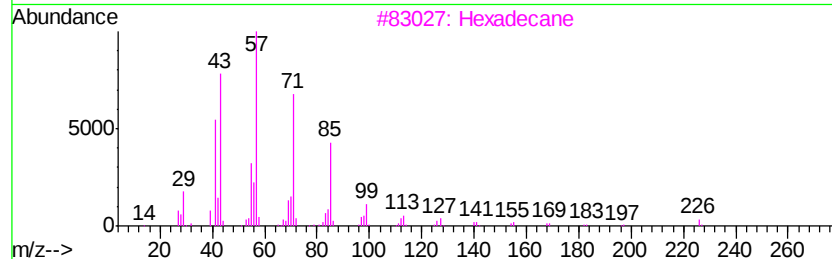
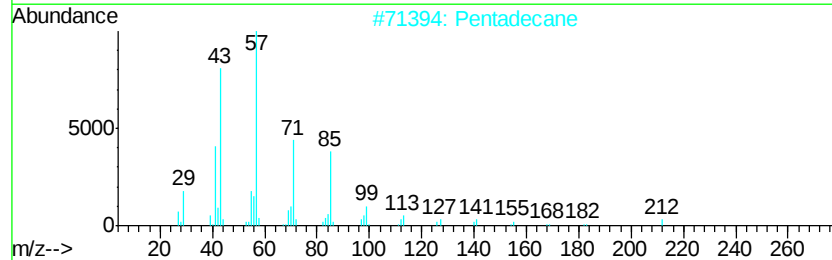
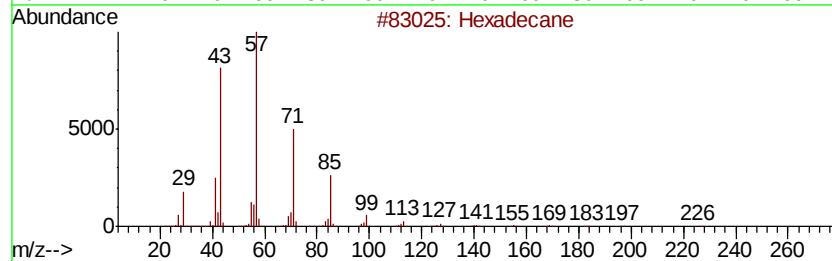
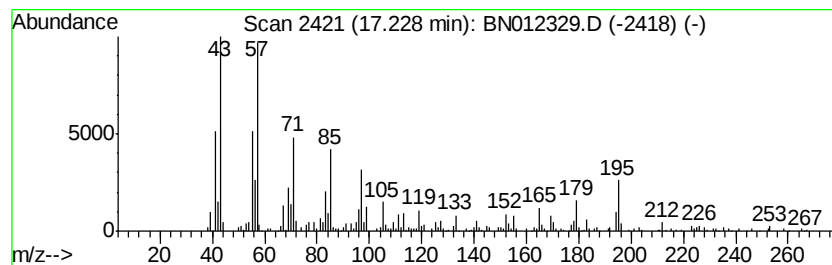
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.28 ng/ul	416316	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	78
2			Pentadecane	212	C15H32	000629-62-9	64
3			Hexadecane	226	C16H34	000544-76-3	64
4			Dodecane	170	C12H26	000112-40-3	64
5			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F4W03

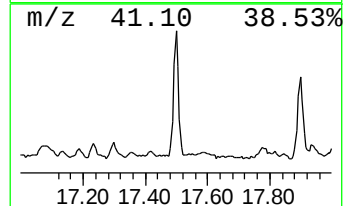
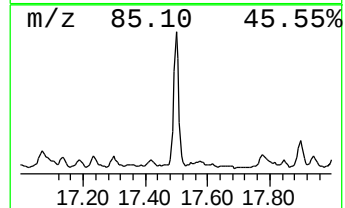
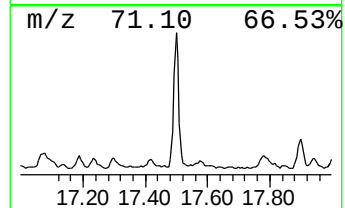
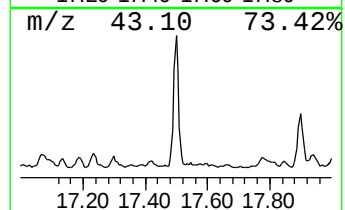
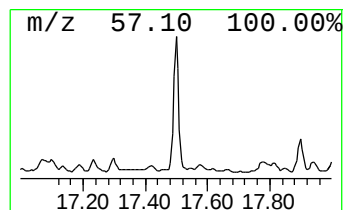
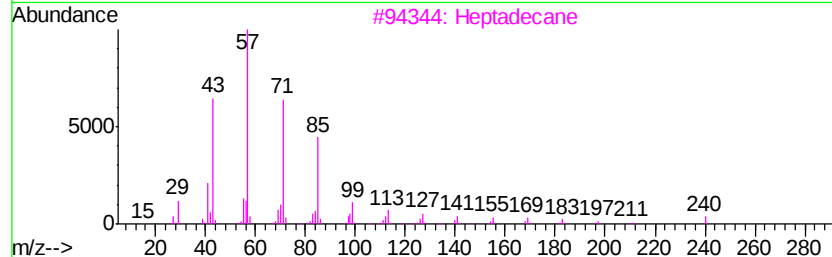
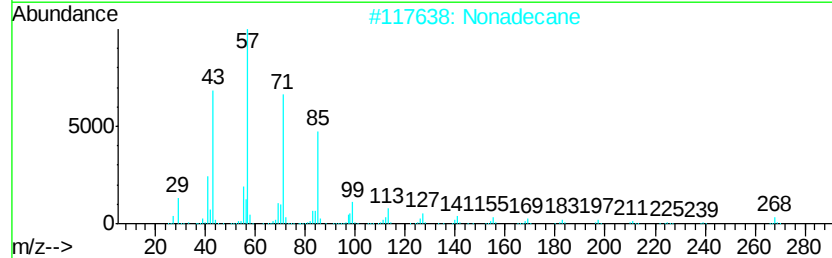
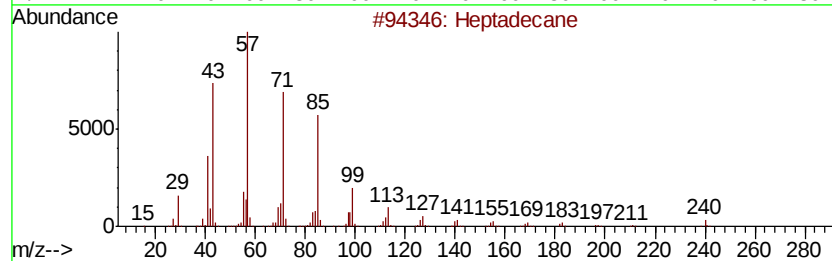
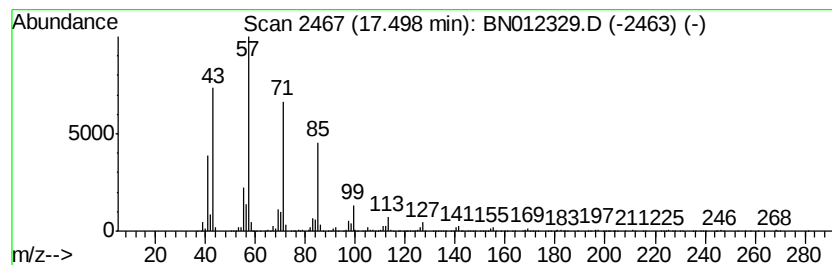
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	12.82 ng/ul	2336320	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Nonadecane	268	C19H40	000629-92-5	97
3		Heptadecane	240	C17H36	000629-78-7	95
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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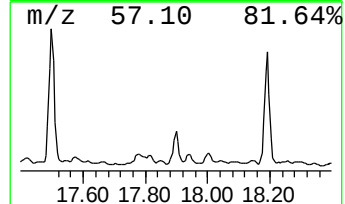
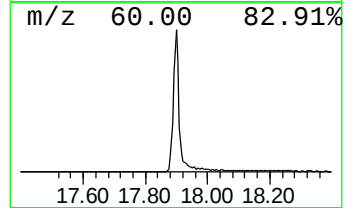
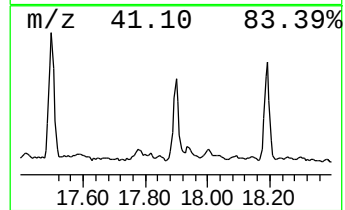
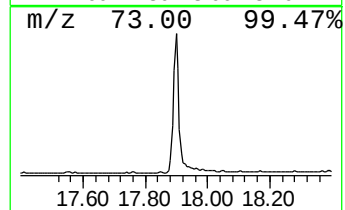
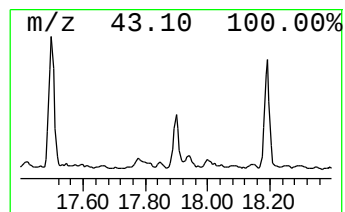
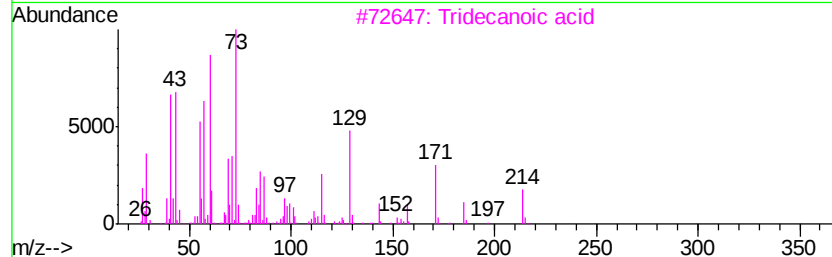
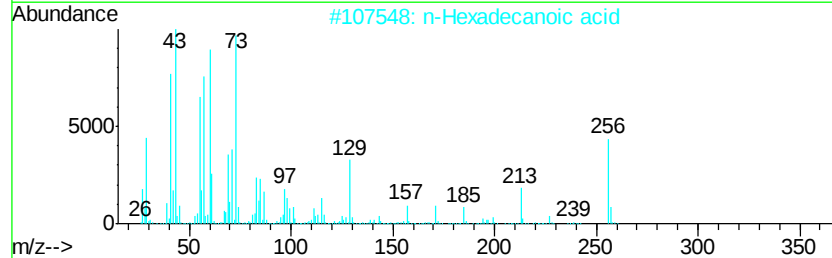
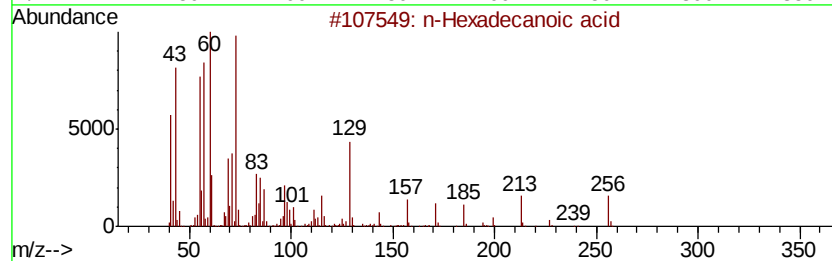
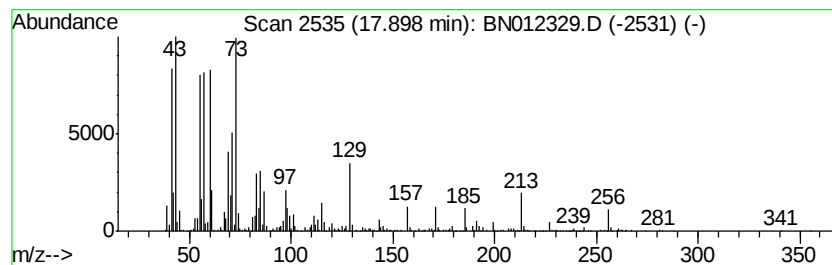
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	9.62 ng/ul	1752300	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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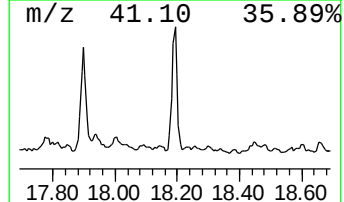
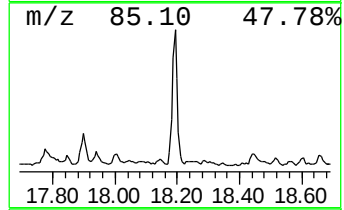
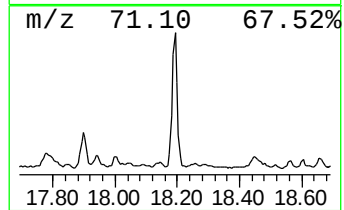
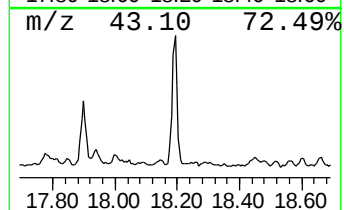
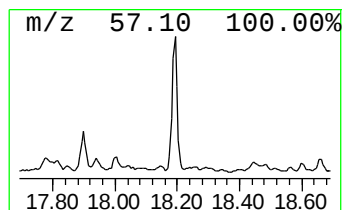
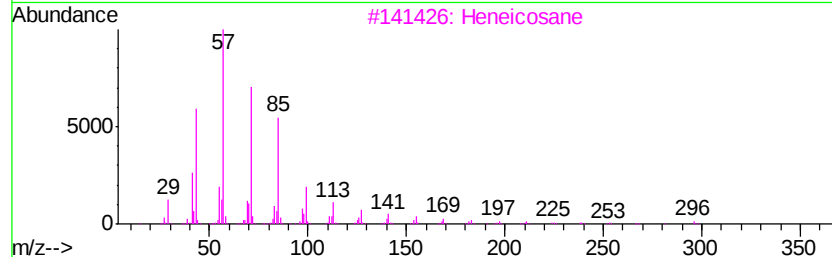
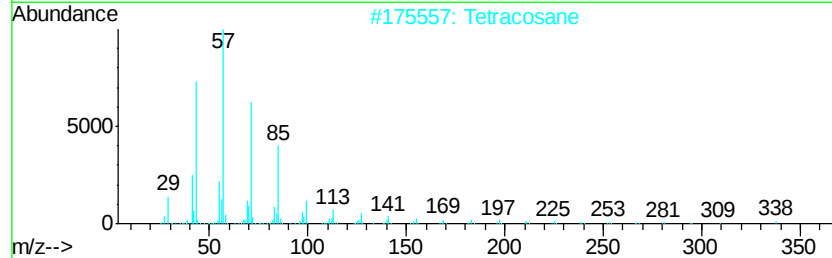
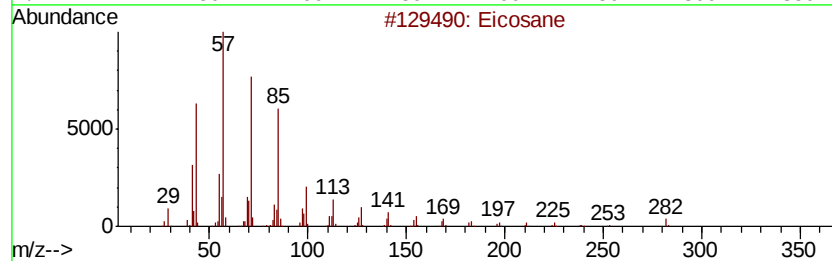
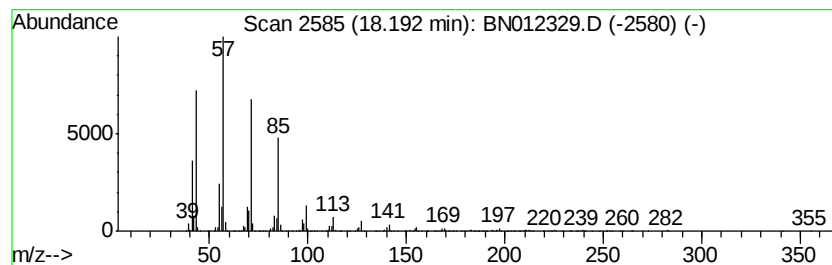
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	11.30 ng/ul	2058620	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Tetracosane	338	C24H50	000646-31-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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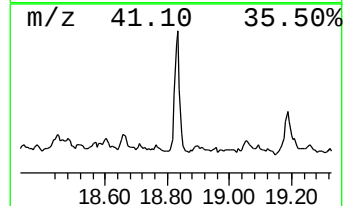
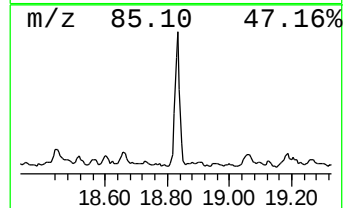
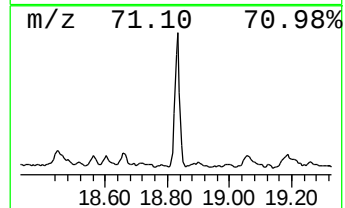
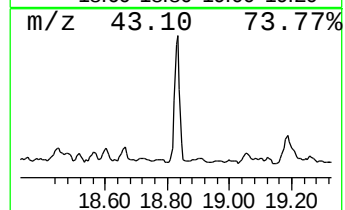
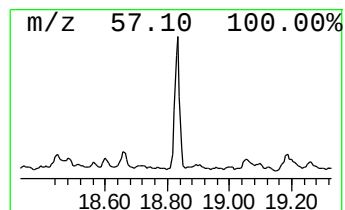
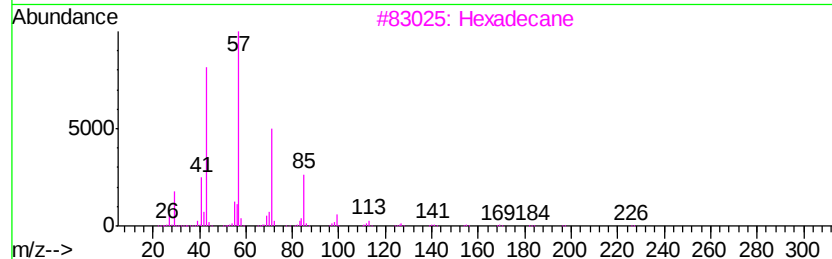
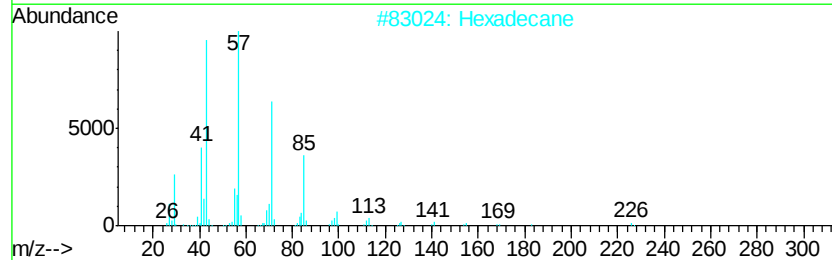
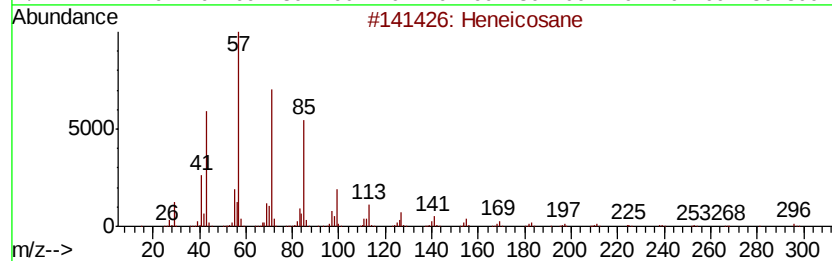
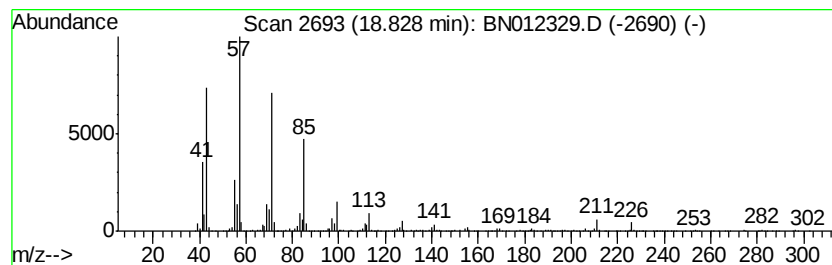
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	8.32 ng/ul	1516190	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Hexadecane	226	C16H34	000544-76-3	95
3			Hexadecane	226	C16H34	000544-76-3	95
4			Hexadecane	226	C16H34	000544-76-3	94
5			Hexadecane	226	C16H34	000544-76-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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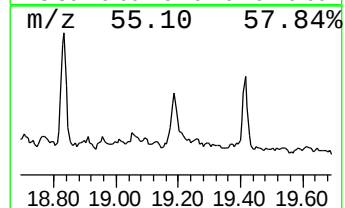
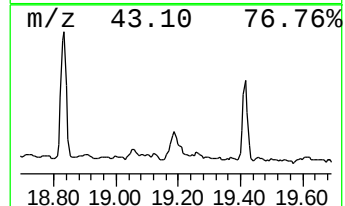
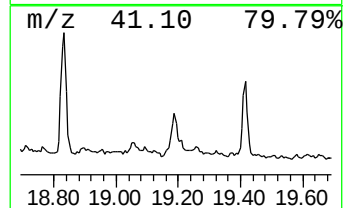
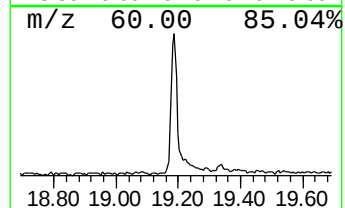
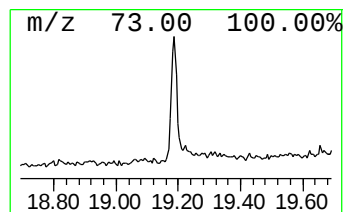
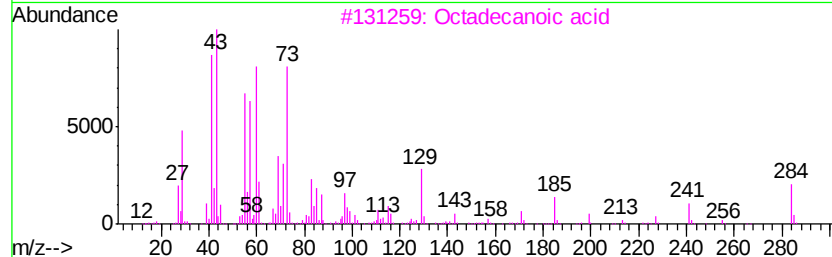
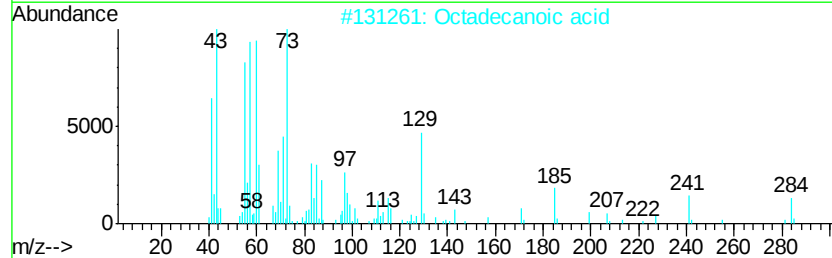
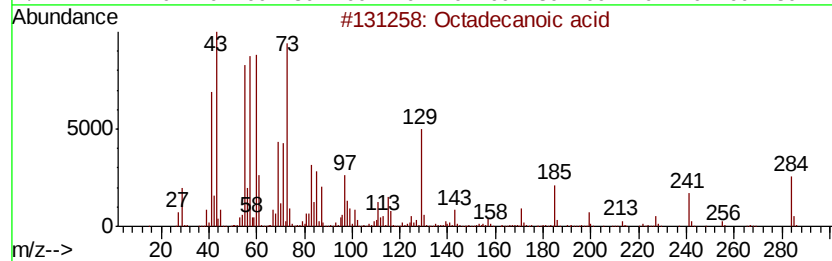
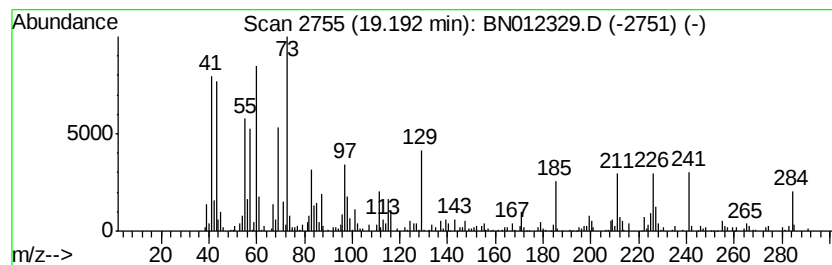
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	2.56 ng/ul	538991	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
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Misc :
ALS Vial : 44 Sample Multiplier: 1

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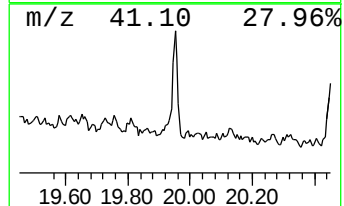
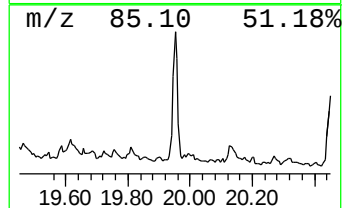
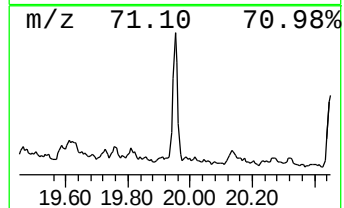
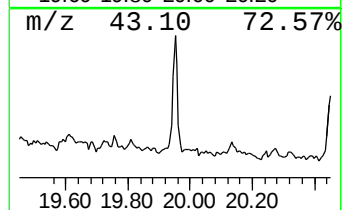
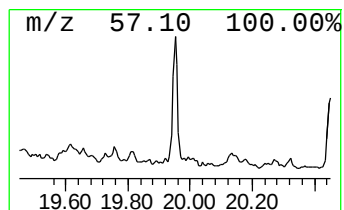
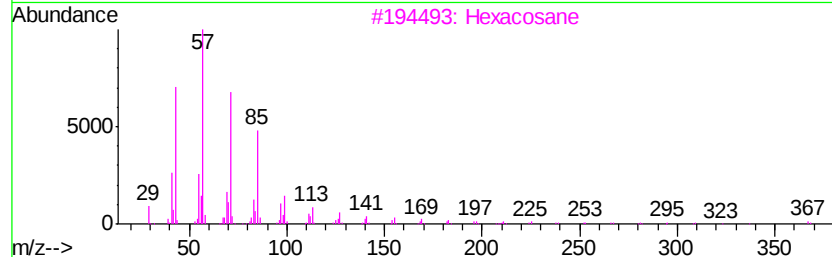
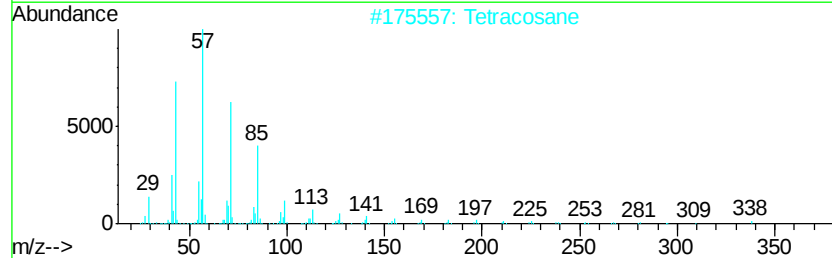
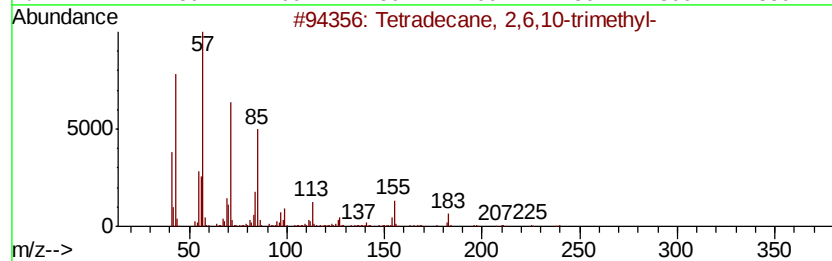
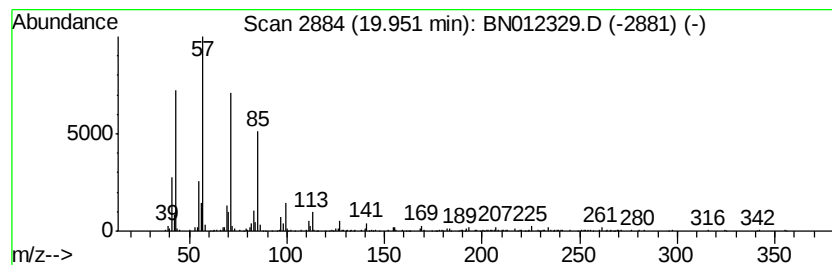
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	2.18 ng/ul	459571	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012329.D
Acq On : 18 Oct 2020 14:10
Operator : CG/JU
Sample : L4424-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F4W03

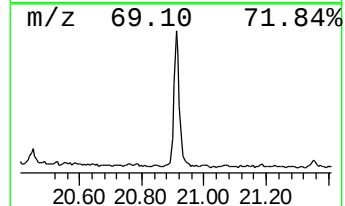
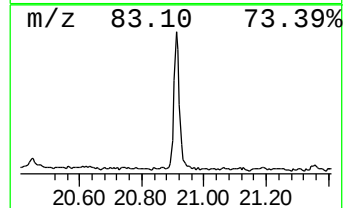
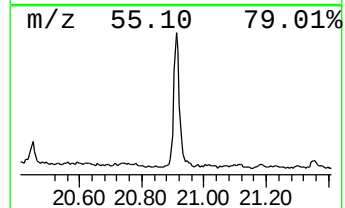
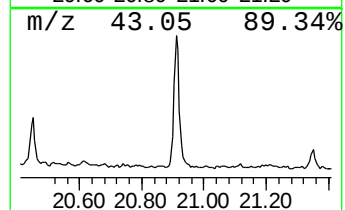
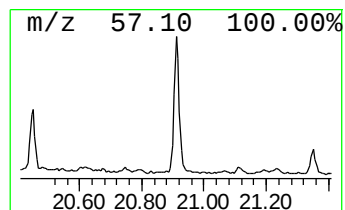
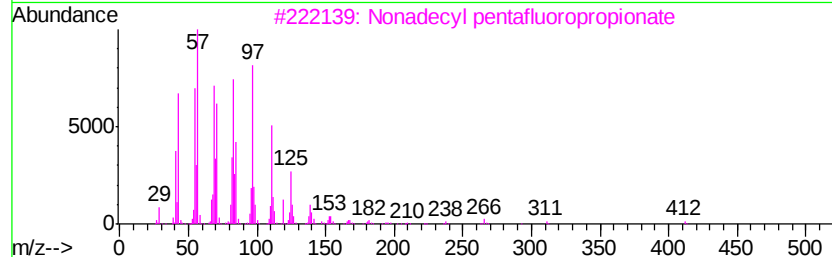
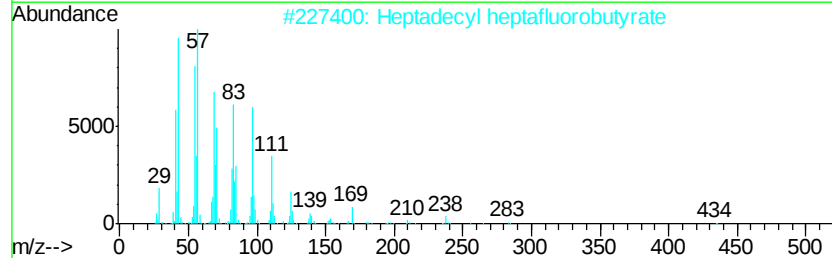
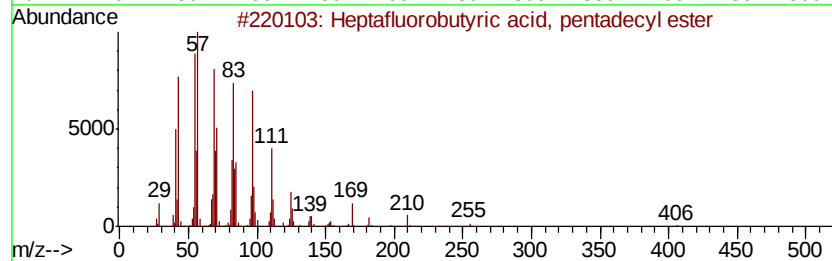
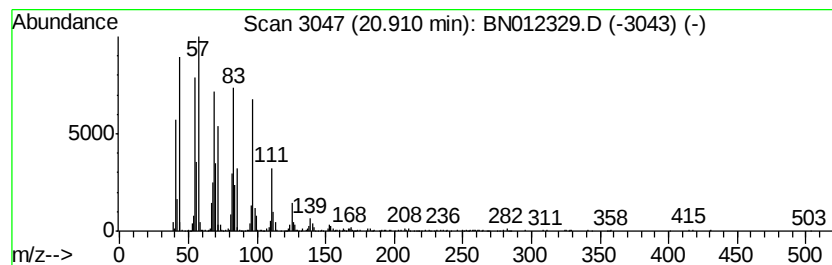
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Heptafluorobutyric acid, pe... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	6.27 ng/ul	1318320	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4			Cyclooctacosane	392	C28H56	000297-24-5	91
5			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101720\
 Data File : BN012329.D
 Acq On : 18 Oct 2020 14:10
 Operator : CG/JU
 Sample : L4424-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F4W03

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.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...	11.80	6.2	ng/ul	784756	2	10.37	2540810	20.0	
(DEL) Alkane: Str...	13.07	9.3	ng/ul	1649920	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	13.77	3.2	ng/ul	571074	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	14.15	12.2	ng/ul	2169710	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	14.59	4.8	ng/ul	851739	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	14.65	2.5	ng/ul	447850	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	14.77	4.0	ng/ul	707826	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	15.11	13.0	ng/ul	2310220	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	15.52	4.9	ng/ul	872349	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	15.60	2.5	ng/ul	447530	3	14.24	3557030	20.0	
(DEL) Alkane: Str...	15.66	2.1	ng/ul	390550	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	15.73	2.8	ng/ul	509290	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	15.97	18.0	ng/ul	3276090	4	16.99	3644300	20.0	
(1,1'-Biphenyl)-2...	16.27	2.0	ng/ul	368143	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	16.32	3.0	ng/ul	551619	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	16.76	12.9	ng/ul	2358040	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	16.82	4.1	ng/ul	746705	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	17.23	2.3	ng/ul	416316	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	17.50	12.8	ng/ul	2336320	4	16.99	3644300	20.0	
n-Hexadecanoic acid	17.90	9.6	ng/ul	1752300	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	18.19	11.3	ng/ul	2058620	4	16.99	3644300	20.0	
(DEL) Alkane: Str...	18.83	8.3	ng/ul	1516190	4	16.99	3644300	20.0	
Octadecanoic acid	19.19	2.6	ng/ul	538991	5	21.19	4206920	20.0	
(DEL) Alkane: Str...	19.95	2.2	ng/ul	459571	5	21.19	4206920	20.0	
Heptafluorobutyri...	20.91	6.3	ng/ul	1318320	5	21.19	4206920	20.0	