

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
 Data File : BM005607.D
 Acq On : 23 May 2016 03:31
 Operator : UM/SJ
 Sample : H3086-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGF3

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\SOM02.2-EPA-BM052016.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	2.634	3	8	17	rVB2	35146	72741	2.49%	0.235%
2	2.987	64	68	74	rBV	34243	45394	1.55%	0.147%
3	5.834	545	552	556	rBV2	18922	44836	1.53%	0.145%
4	7.004	739	751	764	rVB	425153	732338	25.07%	2.367%
5	7.151	770	776	783	rBV	297505	485377	16.61%	1.569%
6	7.357	805	811	819	rVB	418706	695653	23.81%	2.249%
7	7.822	881	890	897	rVB	440127	733823	25.12%	2.372%
8	8.363	975	982	989	rBV5	33031	69207	2.37%	0.224%
9	8.539	1005	1012	1018	rBV	509106	837375	28.66%	2.707%
10	8.922	1065	1077	1081	rBV6	21972	54584	1.87%	0.176%
11	8.981	1081	1087	1094	rBV	414621	691681	23.67%	2.236%
12	9.133	1107	1113	1117	rBV3	21732	43359	1.48%	0.140%
13	9.533	1173	1181	1186	rBV5	21253	46329	1.59%	0.150%
14	9.698	1202	1209	1220	rBV	339623	588402	20.14%	1.902%
15	9.792	1220	1225	1231	rBV6	30601	49199	1.68%	0.159%
16	10.033	1258	1266	1276	rBV6	18511	69602	2.38%	0.225%
17	10.245	1296	1302	1309	rVB	565500	944138	32.32%	3.052%
18	10.398	1323	1328	1336	rBV3	18996	45394	1.55%	0.147%
19	10.616	1353	1365	1370	rBV	633936	1191375	40.78%	3.851%
20	10.663	1370	1373	1382	rVV	93934	154921	5.30%	0.501%
21	10.757	1382	1389	1395	rVV2	147013	308366	10.55%	0.997%
22	10.845	1395	1404	1411	rVB	292152	602330	20.62%	1.947%
23	11.098	1443	1447	1452	rVB2	33143	54876	1.88%	0.177%
24	11.439	1499	1505	1514	rBV7	41403	95538	3.27%	0.309%
25	11.522	1515	1519	1527	rVB4	34261	66777	2.29%	0.216%
26	11.633	1533	1538	1541	rBV	97506	161172	5.52%	0.521%
27	11.798	1561	1566	1571	rBV5	33775	75309	2.58%	0.243%
28	11.892	1579	1582	1587	rVB3	36299	49840	1.71%	0.161%
29	12.027	1601	1605	1611	rBV2	67016	96943	3.32%	0.313%
30	12.274	1643	1647	1654	rVB	151130	250781	8.58%	0.811%
31	12.345	1655	1659	1663	rBV3	31679	55189	1.89%	0.178%
32	12.498	1679	1685	1691	rBV	119122	220611	7.55%	0.713%
33	12.663	1710	1713	1718	rVB3	51433	74285	2.54%	0.240%
34	12.892	1749	1752	1756	rVB4	41751	60655	2.08%	0.196%

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Integration Parameters: LSCINT.P

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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 >
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35	12.986	1764	1768	1774	rVB	194036	298379	10.21%	0.965%
36	13.274	1813	1817	1825	rVB6	127246	253855	8.69%	0.821%
37	13.780	1899	1903	1908	rBV2	120711	209656	7.18%	0.678%
38	13.868	1913	1918	1922	rVV	933430	1360205	46.56%	4.397%
39	13.916	1922	1926	1927	rVV	243082	326676	11.18%	1.056%
40	13.939	1927	1930	1934	rVB	372964	497851	17.04%	1.609%
41	14.151	1961	1966	1970	rBV	1025259	1718997	58.84%	5.557%
42	14.357	1997	2001	2005	rBV	264474	402096	13.76%	1.300%
43	14.463	2015	2019	2026	rVB2	892057	1449935	49.63%	4.687%
44	14.680	2053	2056	2062	rVB	435458	660423	22.60%	2.135%
45	15.457	2184	2188	2193	rVB	1145209	1563925	53.53%	5.056%
46	16.198	2311	2314	2319	rVB	1323090	1818729	62.25%	5.880%
47	17.256	2490	2494	2499	rVB	1397574	2012464	68.88%	6.506%
48	17.309	2500	2503	2507	rBV2	979683	1245500	42.63%	4.026%
49	19.268	2832	2836	2843	rVB	1747518	2395812	82.00%	7.745%
50	19.603	2889	2893	2895	rBV	1452818	2028726	69.44%	6.558%
51	19.633	2895	2898	2907	rVB	2043630	2921631	100.00%	9.445%

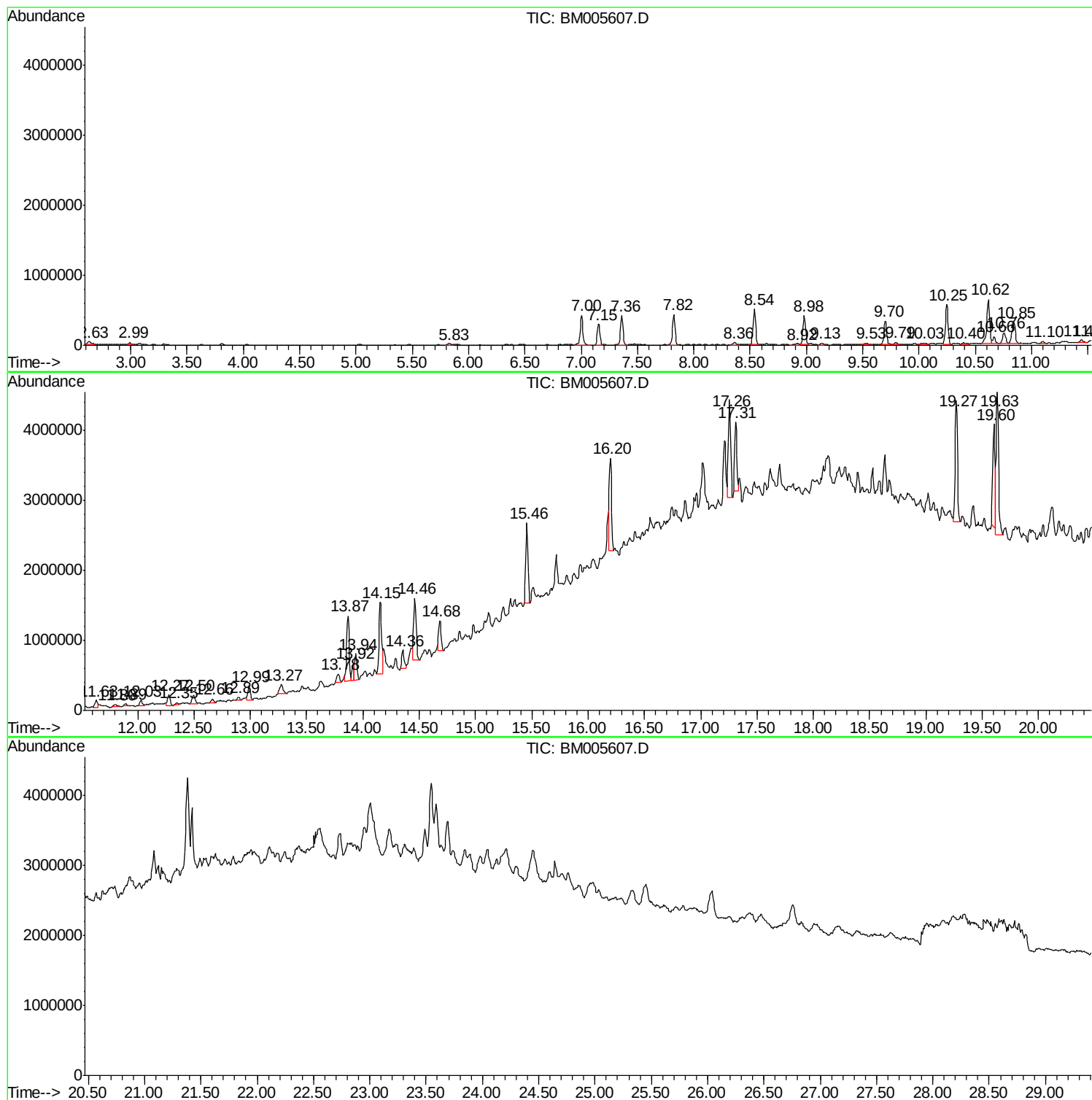
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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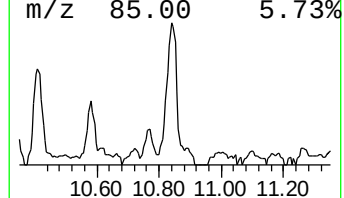
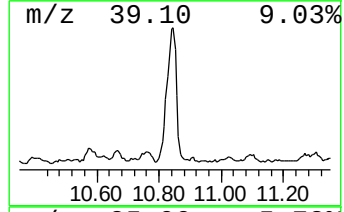
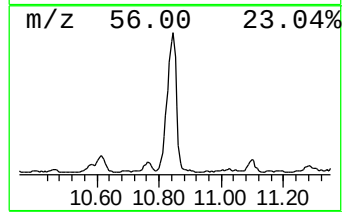
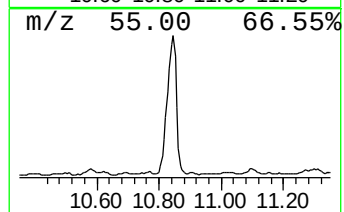
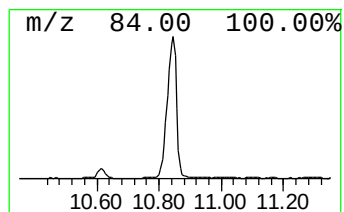
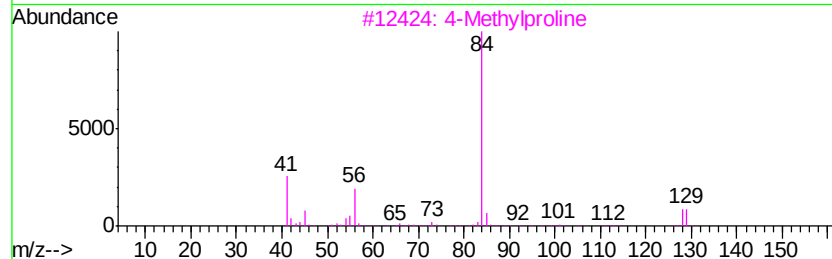
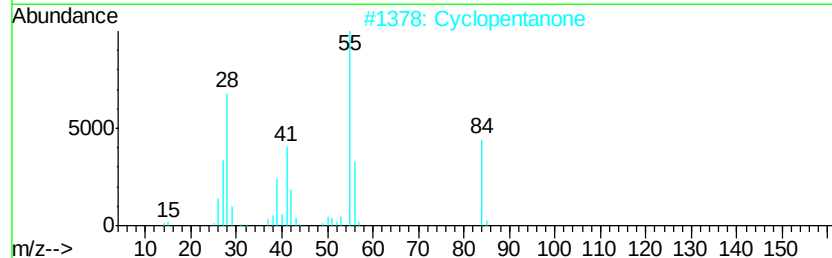
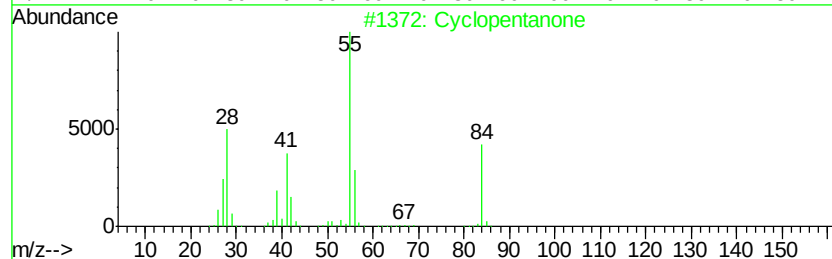
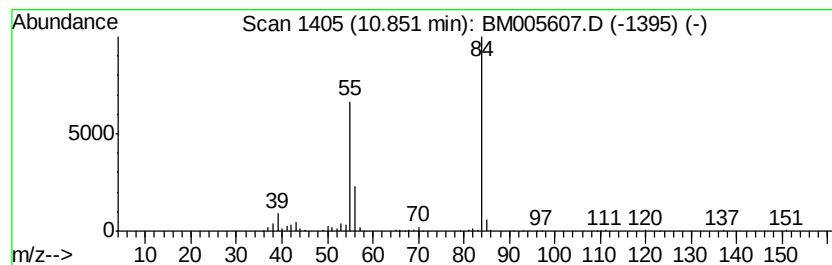
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclopentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	10.11 ng/ul	602330	Naphthalene-d8	10.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone	84	C5H8O	000120-92-3	72
2	Cyclopentanone	84	C5H8O	000120-92-3	64
3	4-Methylproline	129	C6H11NO2	1000131-14-6	43
4	n-Propylcyclopropanemethylamine	113	C7H15N	026389-60-6	40
5	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	9



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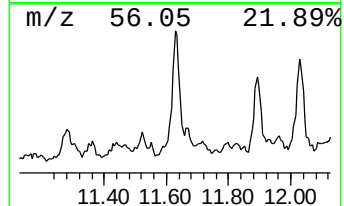
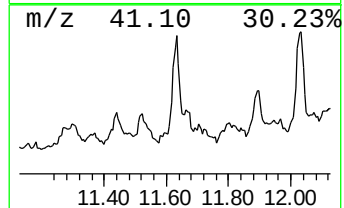
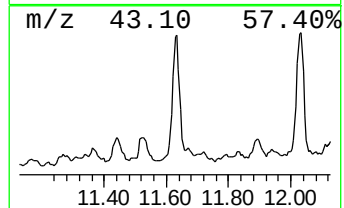
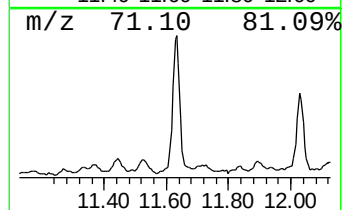
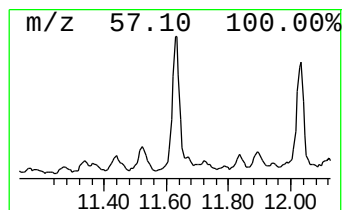
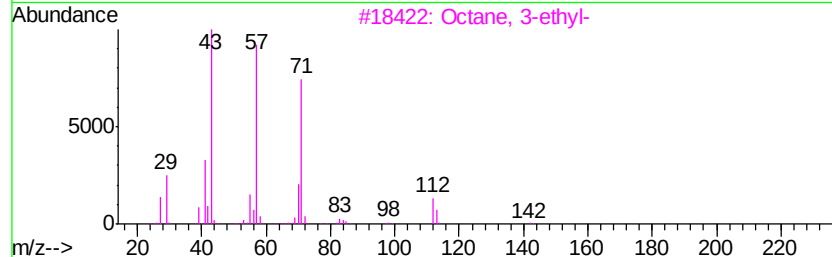
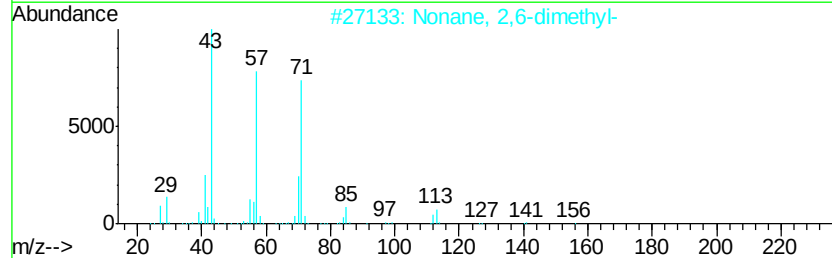
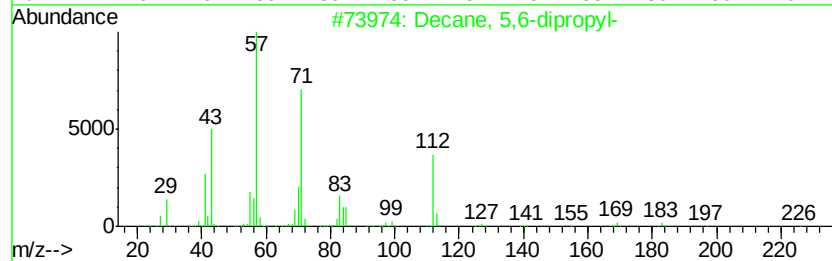
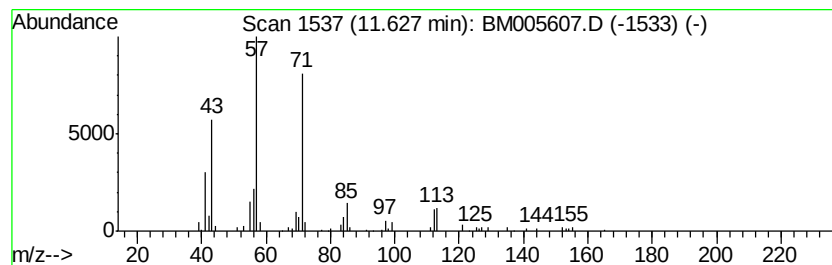
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
11.63	2.71 ng/ul	161172	Napthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	72
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	59
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5		Dodecane, 5-methyl-	184	C13H28	017453-93-9	53



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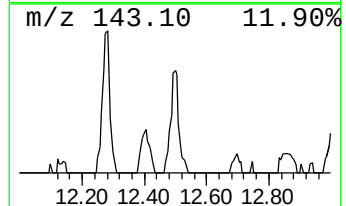
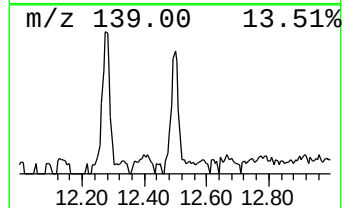
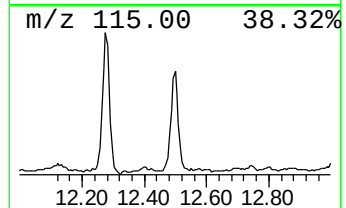
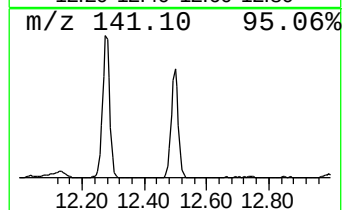
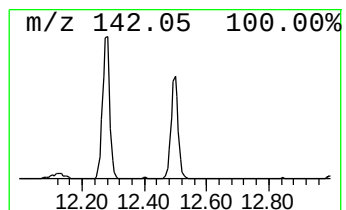
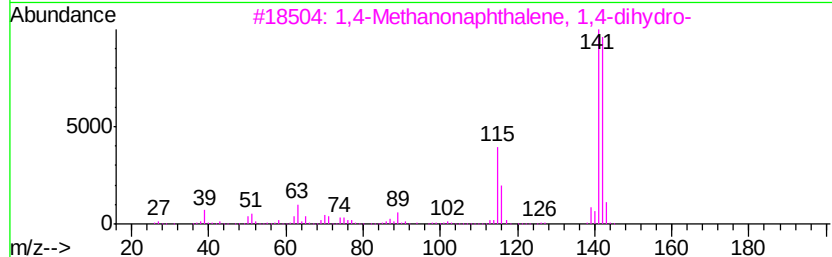
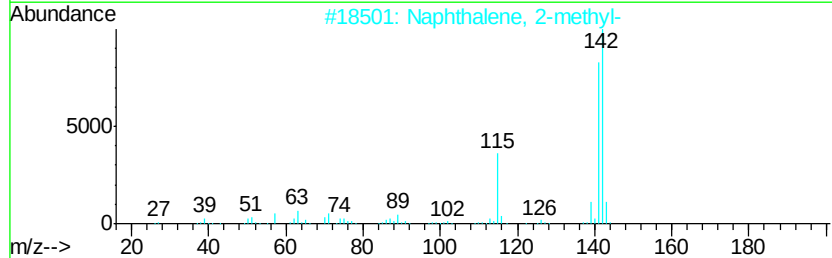
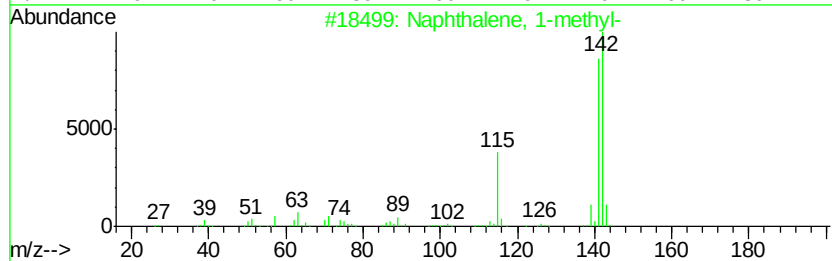
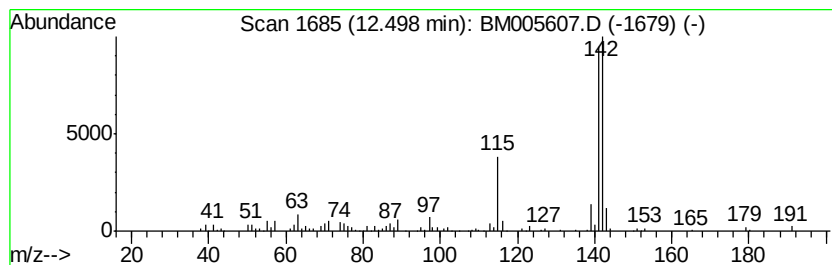
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	3.70 ng/ul	220611	Naphthalene-d8	10.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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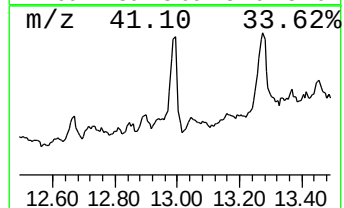
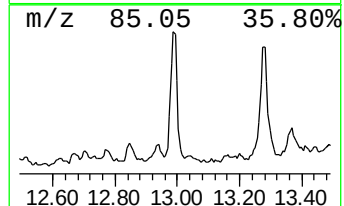
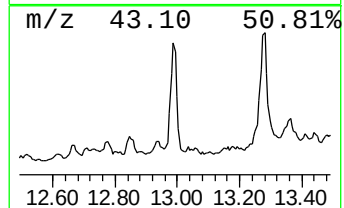
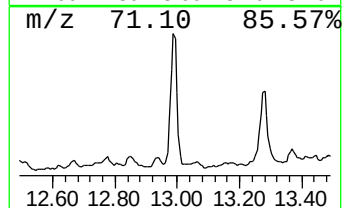
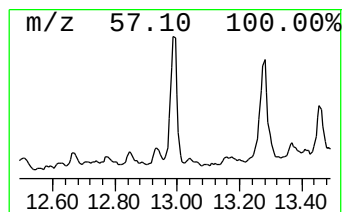
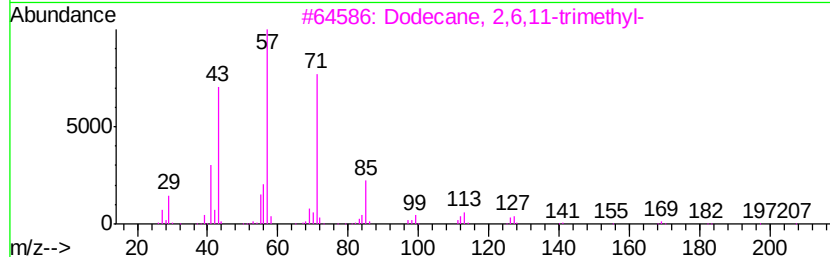
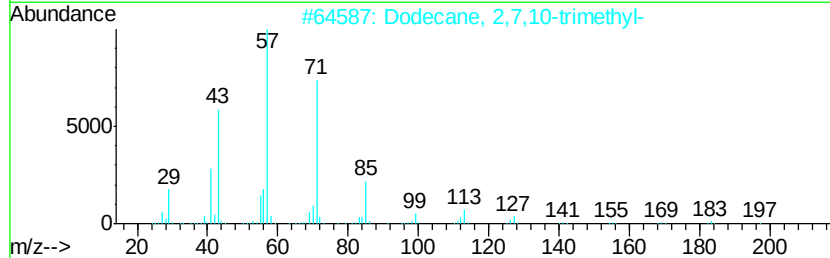
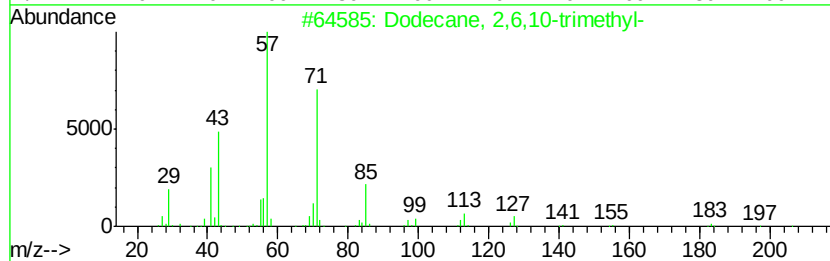
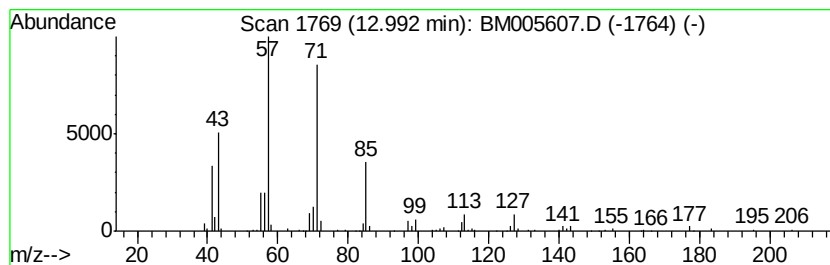
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	4.12 ng/ul	298379	Acenaphthene-d10	14.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72



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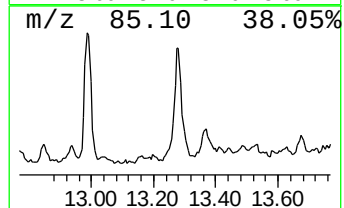
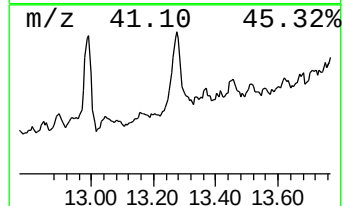
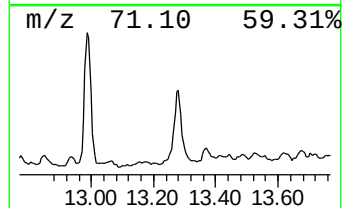
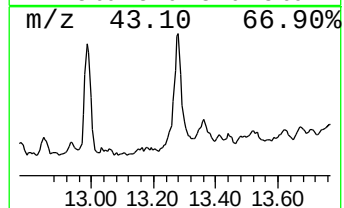
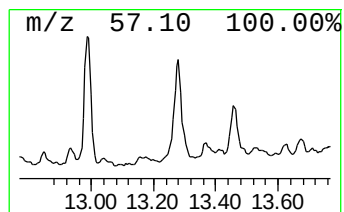
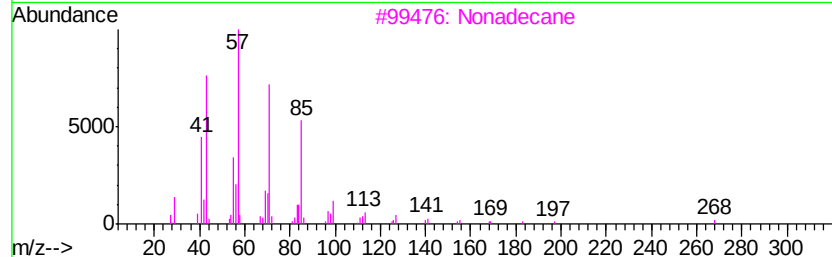
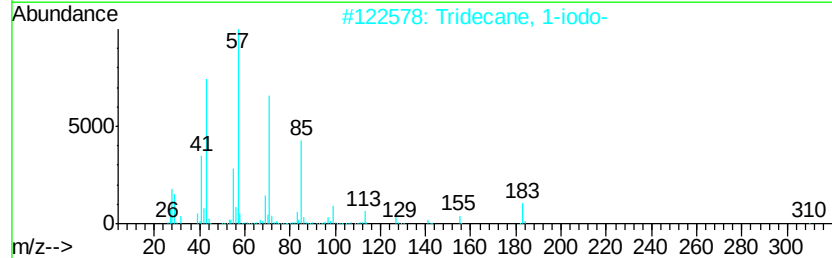
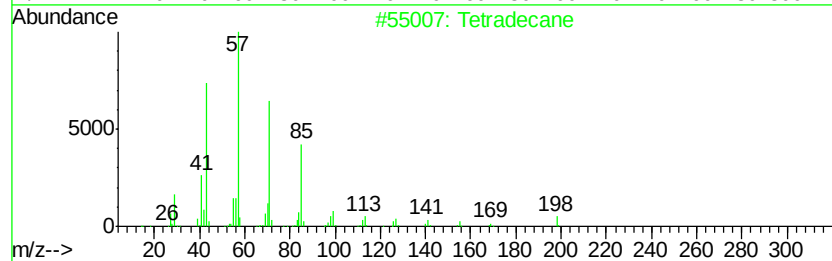
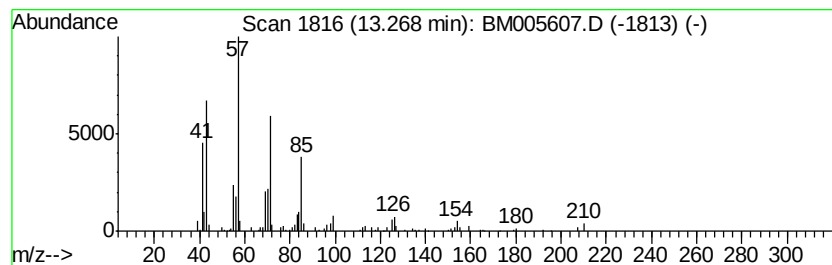
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.50 ng/ul	253855	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	87
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
3		Nonadecane	268	C19H40	000629-92-5	59
4		Eicosane	282	C20H42	000112-95-8	58
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005607.D
Acq On : 23 May 2016 03:31
Operator : UM/SJ
Sample : H3086-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

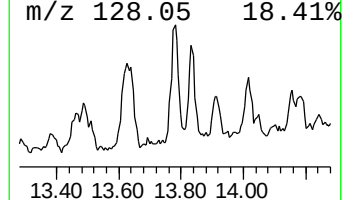
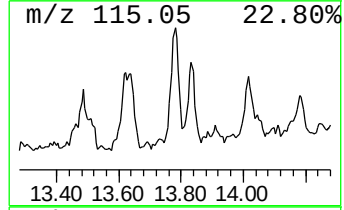
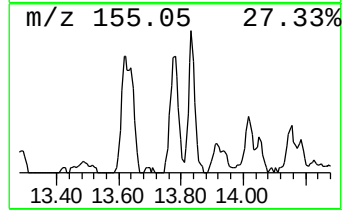
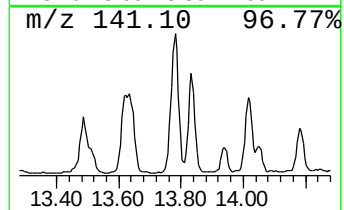
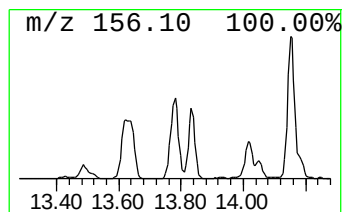
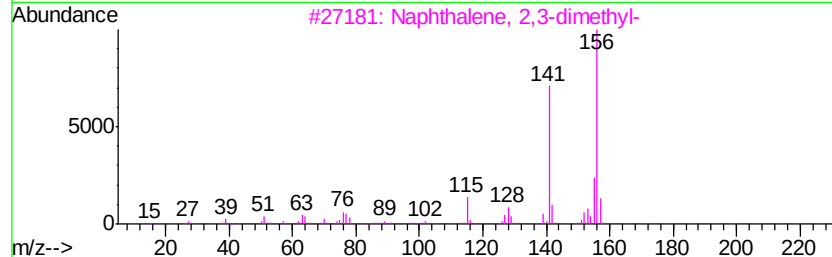
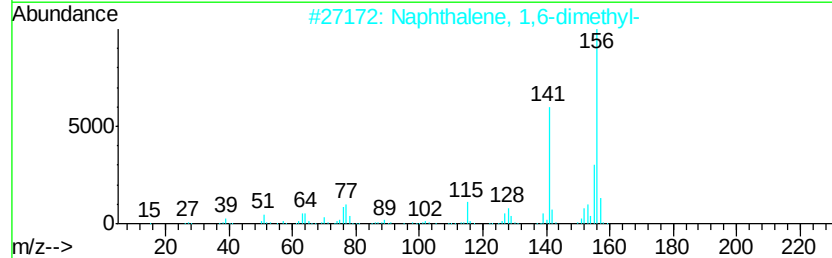
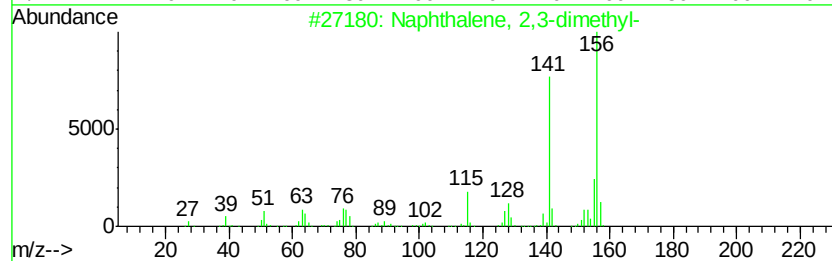
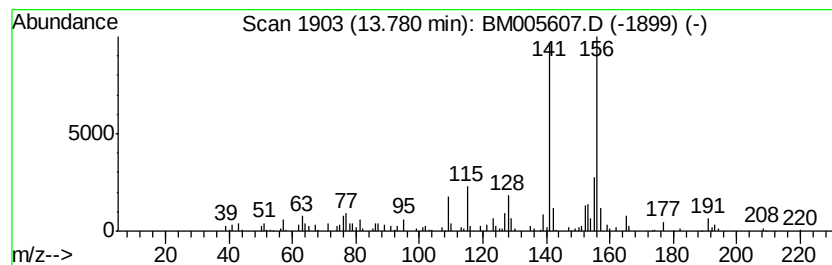
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	2.89 ng/ul	209656	Acenaphthene-d10	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005607.D
Acq On : 23 May 2016 03:31
Operator : UM/SJ
Sample : H3086-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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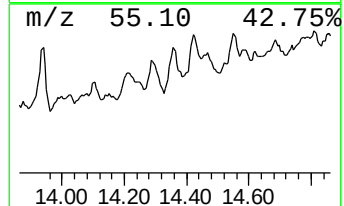
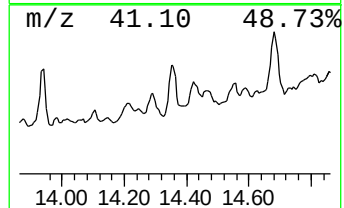
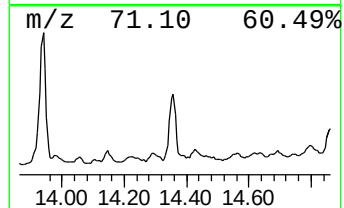
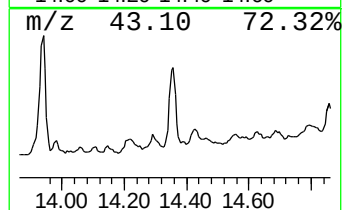
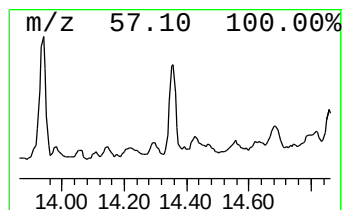
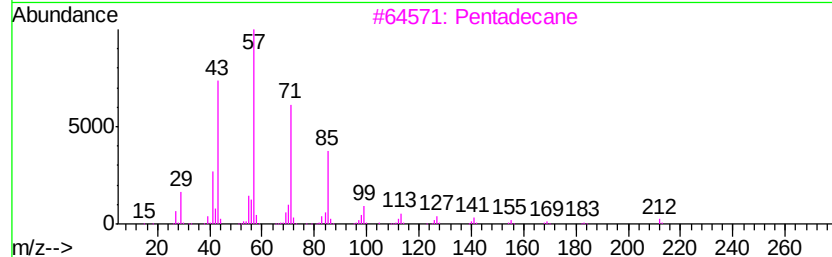
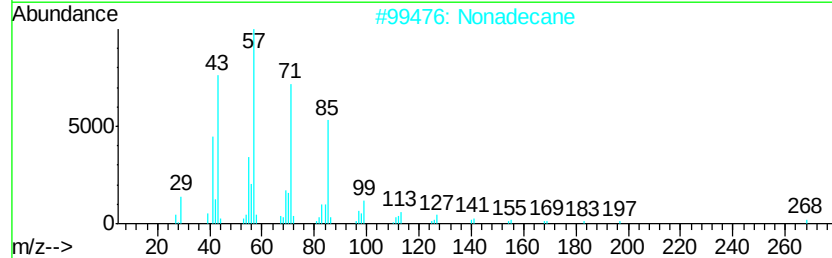
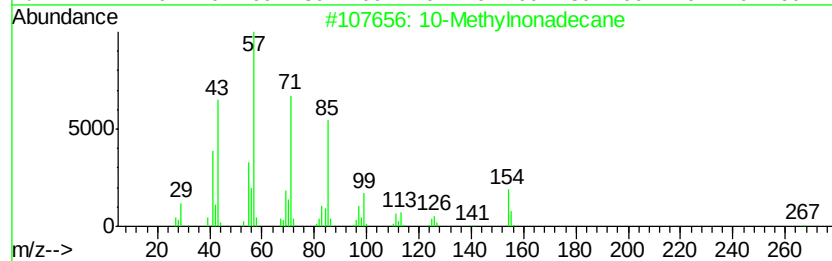
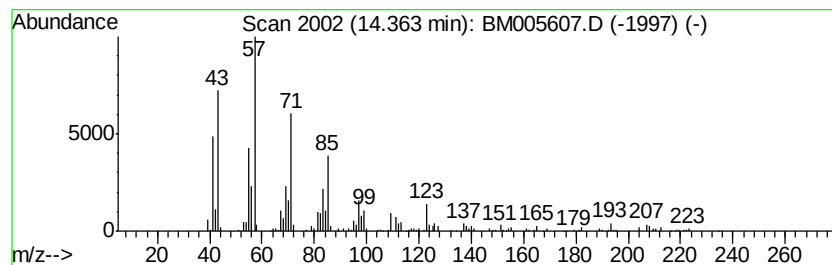
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.55 ng/ul	402096	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Methylnonadecane	282	C20H42	056862-62-5	90
2		Nonadecane	268	C19H40	000629-92-5	83
3		Pentadecane	212	C15H32	000629-62-9	81
4		Hexatriacontane	507	C36H74	000630-06-8	80
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005607.D
Acq On : 23 May 2016 03:31
Operator : UM/SJ
Sample : H3086-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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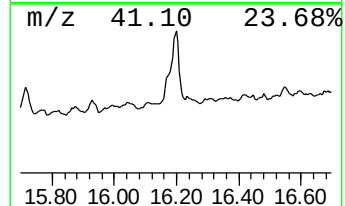
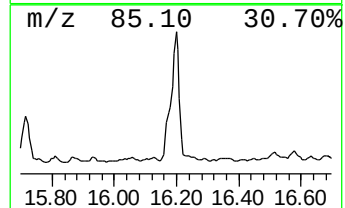
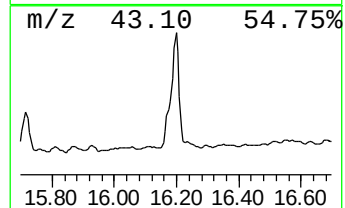
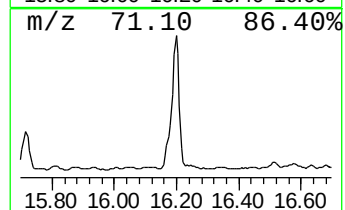
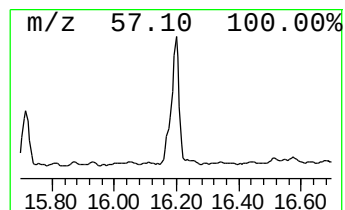
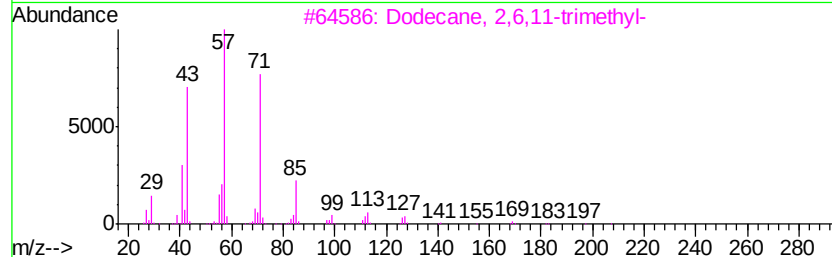
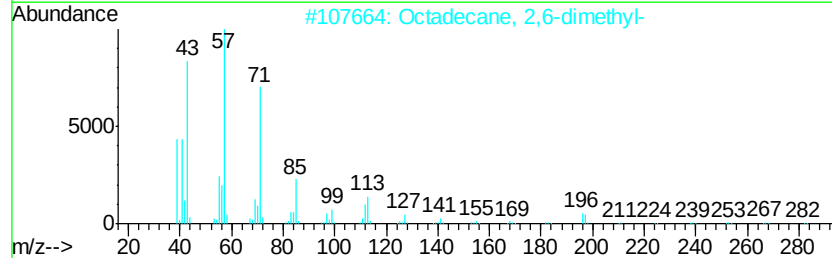
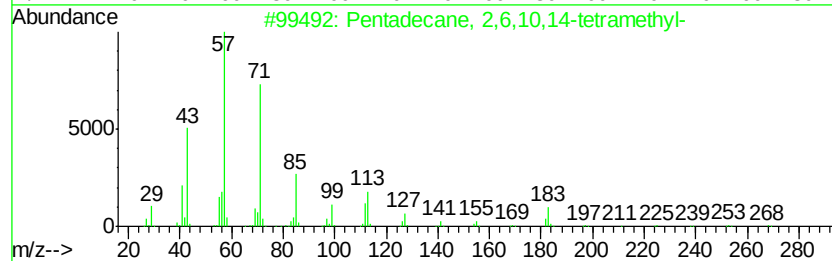
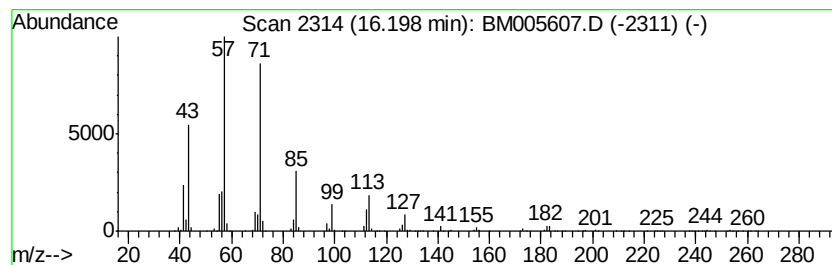
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	18.07 ng/ul	1818730	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005607.D
Acq On : 23 May 2016 03:31
Operator : UM/SJ
Sample : H3086-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclopentanone	10.85	10.1	ng/ul	602330	2	10.62	1191380	20.0
(DEL) Alkane: Str...	11.63	2.7	ng/ul	161172	2	10.62	1191380	20.0
Naphthalene, 1-me...	12.50	3.7	ng/ul	220611	2	10.62	1191380	20.0
(DEL) Alkane: Str...	12.99	4.1	ng/ul	298379	3	14.46	1449940	20.0
(DEL) Alkane: Str...	13.27	3.5	ng/ul	253855	3	14.46	1449940	20.0
Naphthalene, 2,3-...	13.78	2.9	ng/ul	209656	3	14.46	1449940	20.0
(DEL) Alkane: Str...	14.36	5.5	ng/ul	402096	3	14.46	1449940	20.0
(DEL) Alkane: Str...	16.20	18.1	ng/ul	1818730	4	17.21	2012460	20.0