

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
 Data File : BM007203.D
 Acq On : 18 Aug 2016 13:28
 Operator : UM/SJ
 Sample : H4436-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA233

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-BM081116.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	2.722	18	23	38	rVB	434229	976228	15.14%	1.140%
2	2.993	63	69	79	rBV	168473	329949	5.12%	0.385%
3	6.969	738	745	754	rBV	554859	924215	14.33%	1.079%
4	7.139	767	774	783	rBV	403245	621065	9.63%	0.725%
5	7.233	783	790	798	rVV	598717	937745	14.54%	1.095%
6	7.339	800	808	823	rVB	543617	1017206	15.77%	1.188%
7	7.804	879	887	895	rBV	596141	967066	14.99%	1.129%
8	8.333	969	977	983	rBV2	351527	851999	13.21%	0.995%
9	8.504	994	1006	1016	rBV	677918	1158673	17.96%	1.353%
10	8.604	1016	1023	1031	rBV	314445	496310	7.69%	0.579%
11	8.875	1060	1069	1076	rBV	265529	443908	6.88%	0.518%
12	8.957	1076	1083	1093	rVB	507296	846718	13.13%	0.989%
13	9.516	1171	1178	1187	rBV	311266	502991	7.80%	0.587%
14	9.675	1198	1205	1214	rVB	406819	665235	10.31%	0.777%
15	10.004	1254	1261	1268	rBV	837531	1292718	20.04%	1.509%
16	10.210	1288	1296	1311	rBV2	762507	1831844	28.40%	2.139%
17	10.586	1351	1360	1365	rBV	762925	1347207	20.89%	1.573%
18	10.639	1365	1369	1376	rVB	250495	401186	6.22%	0.468%
19	10.721	1376	1383	1393	rBV	293179	553810	8.59%	0.647%
20	12.380	1658	1665	1672	rBV	69391	105716	1.64%	0.123%
21	12.468	1674	1680	1689	rVB	677460	1060620	16.44%	1.238%
22	12.615	1696	1705	1714	rBV2	627713	1397022	21.66%	1.631%
23	12.927	1750	1758	1772	rBV	803794	1296254	20.10%	1.513%
24	13.257	1809	1814	1817	rBV2	75048	107404	1.67%	0.125%
25	13.304	1817	1822	1833	rVB	1081569	1711582	26.54%	1.998%
26	13.839	1907	1913	1918	rBV	1049995	1531607	23.75%	1.788%
27	13.892	1918	1922	1930	rVB	1097176	1533478	23.77%	1.790%
28	14.009	1936	1942	1951	rVB	825221	1147321	17.79%	1.340%
29	14.127	1951	1962	1972	rBV2	1533378	2724943	42.25%	3.181%
30	14.333	1992	1997	2003	rBV2	47961	64523	1.00%	0.075%
31	14.433	2003	2014	2021	rBV2	1139683	1736858	26.93%	2.028%
32	14.498	2021	2025	2031	rVB	54081	81376	1.26%	0.095%
33	14.627	2038	2047	2063	rBV	416898	730061	11.32%	0.852%
34	14.798	2066	2076	2078	rVV	355011	516467	8.01%	0.603%

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35	14.833	2078	2082	2087	rVV	640003	942596	14.61%	1.101%
36	15.286	2155	2159	2164	rVB	150217	186123	2.89%	0.217%
37	15.427	2176	2183	2187	rBV	2092492	3063018	47.49%	3.576%
38	15.480	2187	2192	2198	rVB	2461720	3596641	55.76%	4.199%
39	15.545	2198	2203	2215	rVB	219164	350167	5.43%	0.409%
40	15.668	2215	2224	2227	rBV3	44768	83901	1.30%	0.098%
41	16.151	2302	2306	2309	rBV	126479	189142	2.93%	0.221%
42	16.368	2338	2343	2349	rVB	921536	1275611	19.78%	1.489%
43	16.480	2357	2362	2368	rBV	817971	1195779	18.54%	1.396%
44	16.827	2415	2421	2436	rBV	1128626	1635830	25.36%	1.910%
45	16.939	2436	2440	2446	rBV2	101901	145438	2.25%	0.170%
46	17.174	2474	2480	2487	rBV2	1454864	2156012	33.43%	2.517%
47	17.274	2490	2497	2501	rVV2	2517944	3796728	58.86%	4.433%
48	17.309	2501	2503	2510	rVB	916892	1055985	16.37%	1.233%
49	17.580	2540	2549	2556	rBV	951742	1464424	22.70%	1.710%
50	18.127	2637	2642	2648	rVV2	53851	105717	1.64%	0.123%
51	18.592	2716	2721	2727	rBV	102966	148189	2.30%	0.173%
52	18.939	2775	2780	2788	rBV4	90246	208185	3.23%	0.243%
53	19.203	2823	2825	2832	rVB	58059	77890	1.21%	0.091%
54	19.339	2845	2848	2854	rVB4	62771	87354	1.35%	0.102%
55	19.456	2864	2868	2871	rVB	53926	67477	1.05%	0.079%
56	19.568	2881	2887	2895	rBV	3197155	4409844	68.37%	5.149%
57	20.497	3040	3045	3051	rBV	2139754	2436395	37.77%	2.845%
58	21.074	3139	3143	3155	rBV3	159000	303823	4.71%	0.355%
59	21.350	3184	3190	3201	rBV2	3380404	6450026	100.00%	7.531%
60	21.950	3290	3292	3296	rBV3	57783	86337	1.34%	0.101%
61	22.168	3324	3329	3336	rVB	2124164	2789556	43.25%	3.257%
62	22.556	3391	3395	3402	rVB	250879	342493	5.31%	0.400%
63	22.944	3455	3461	3466	rBV	2454796	4408930	68.36%	5.148%
64	22.991	3466	3469	3478	rVB	1180087	1865001	28.91%	2.177%
65	23.485	3546	3553	3566	rVB2	2458246	4952370	76.78%	5.782%
66	23.632	3571	3578	3588	rVB	1487391	2970697	46.06%	3.468%
67	24.174	3665	3670	3677	rVB2	226812	448788	6.96%	0.524%
68	24.932	3795	3799	3809	rVB	210997	443839	6.88%	0.518%

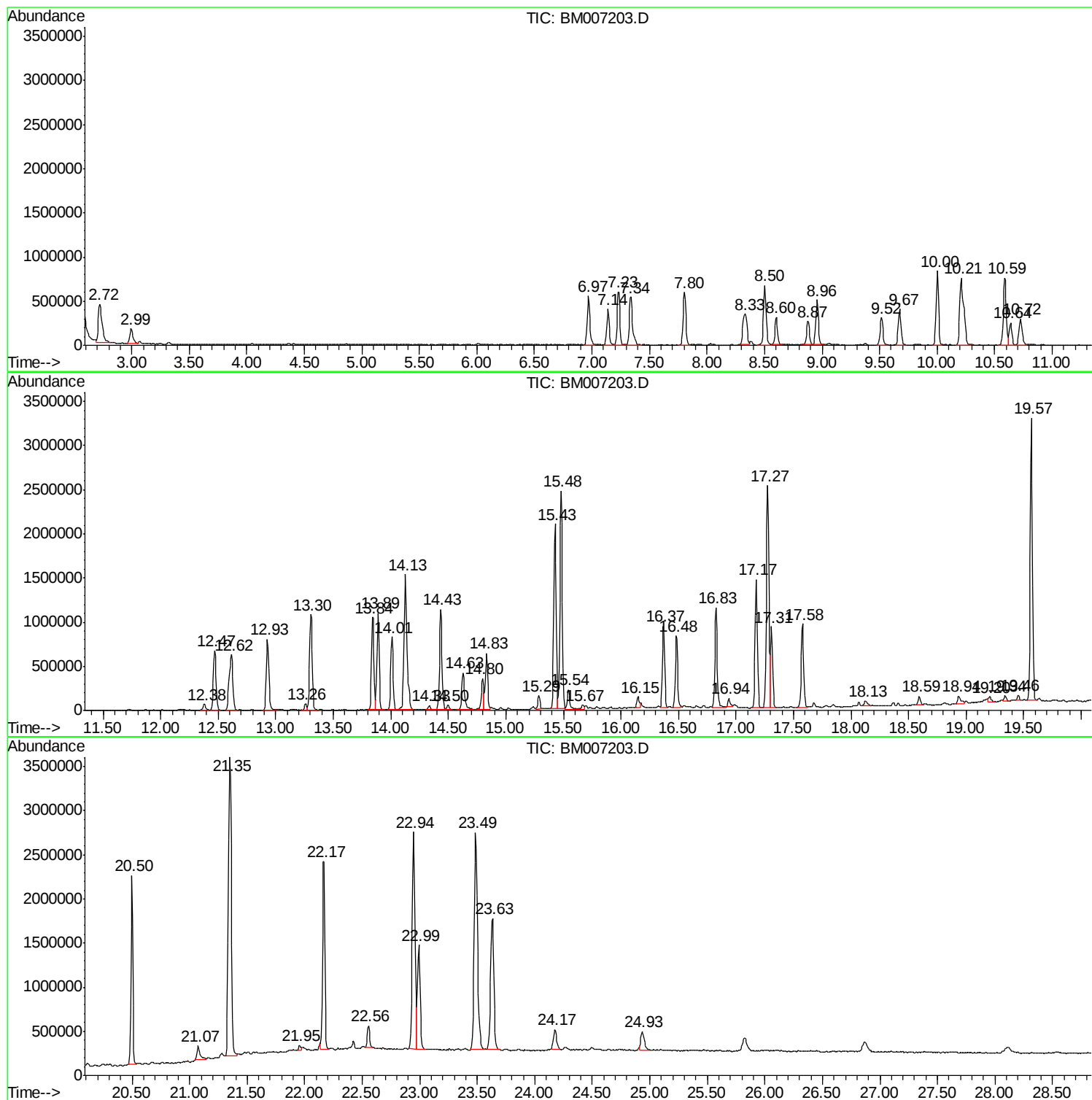
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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



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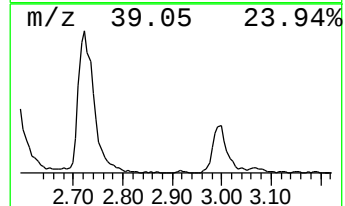
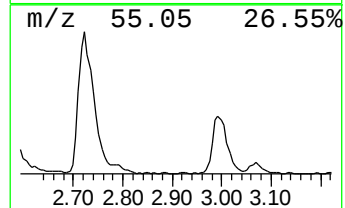
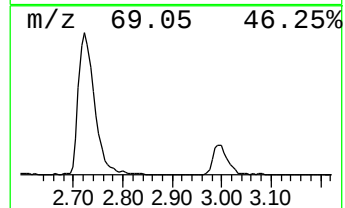
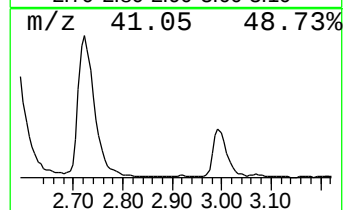
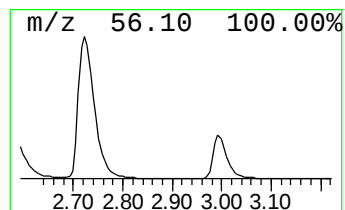
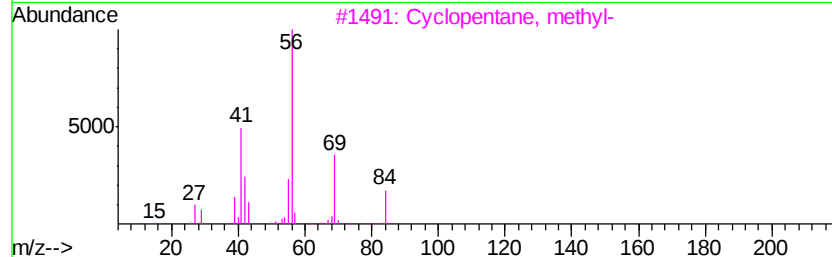
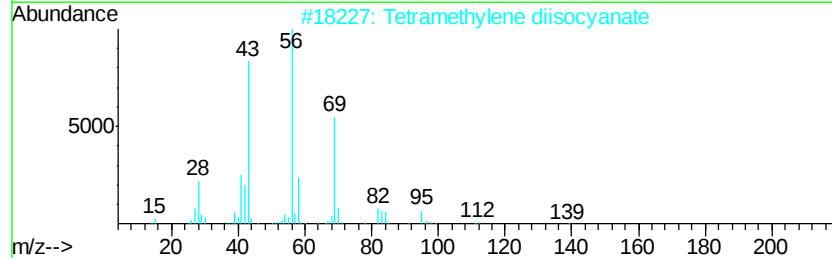
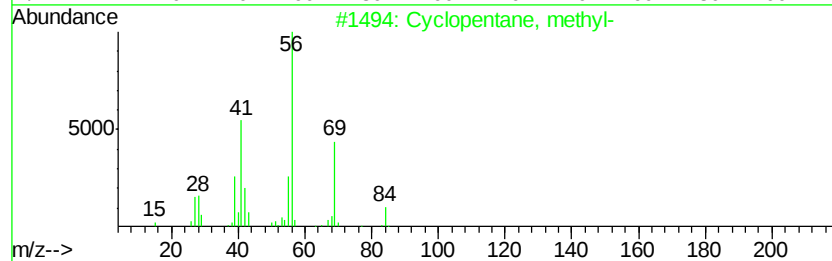
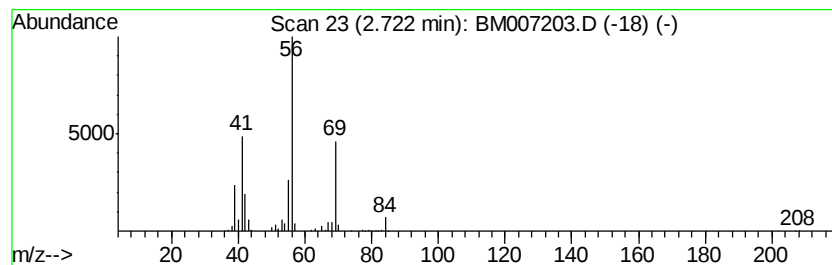
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	20.19 ng/ul	976228	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Tetramethylene diisocyanate	140	C6H8N2O2	004538-37-8	78
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		Cyclohexane	84	C6H12	000110-82-7	72
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	72



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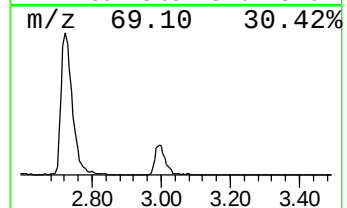
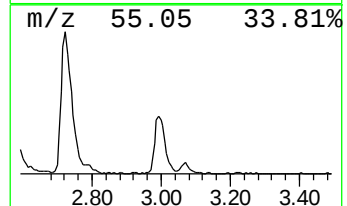
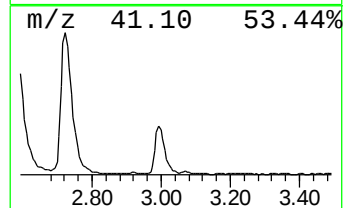
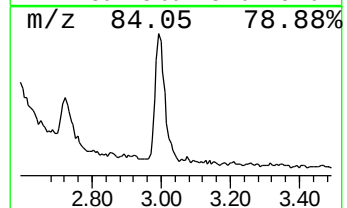
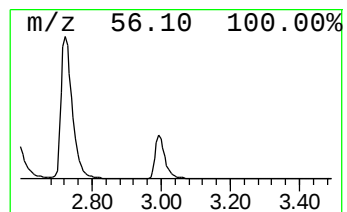
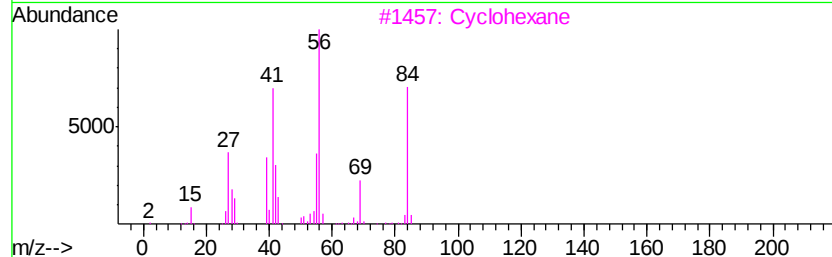
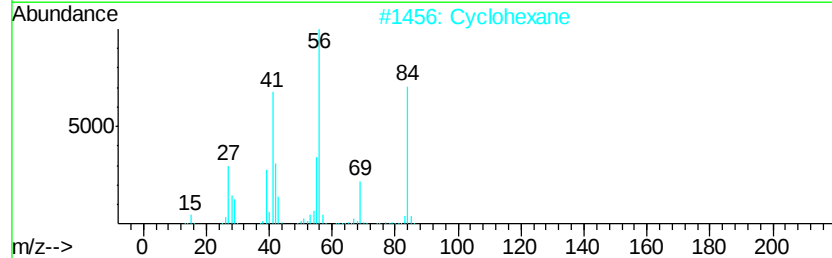
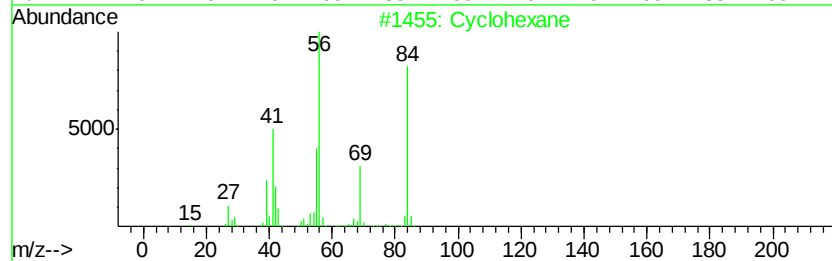
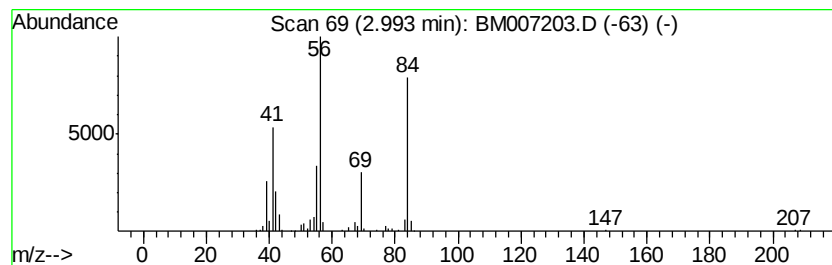
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic2.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	6.82 ng/ul	329949	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	94
2		Cyclohexane	84	C6H12	000110-82-7	91
3		Cyclohexane	84	C6H12	000110-82-7	91
4		Cyclohexane	84	C6H12	000110-82-7	86
5		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78



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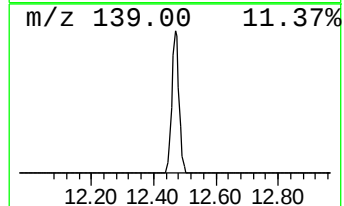
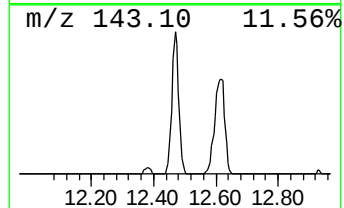
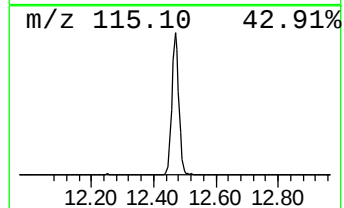
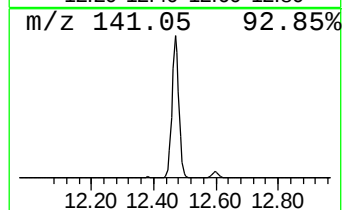
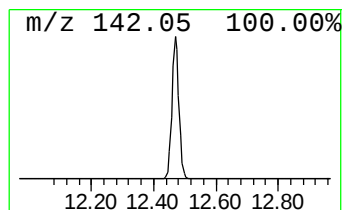
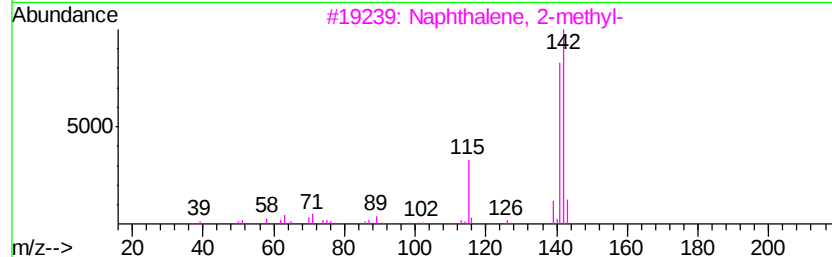
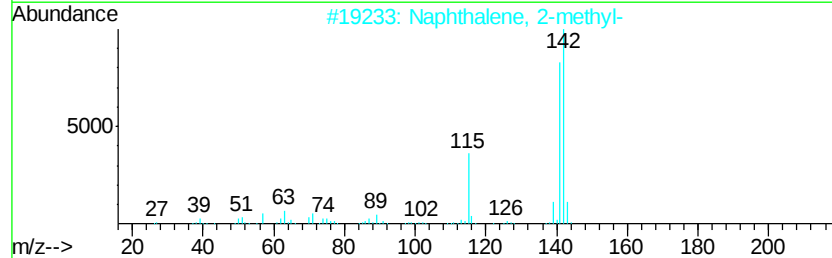
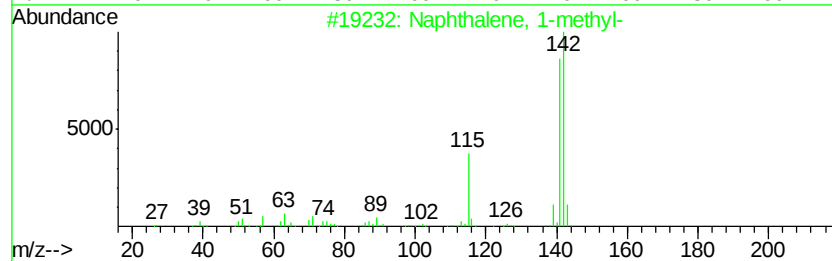
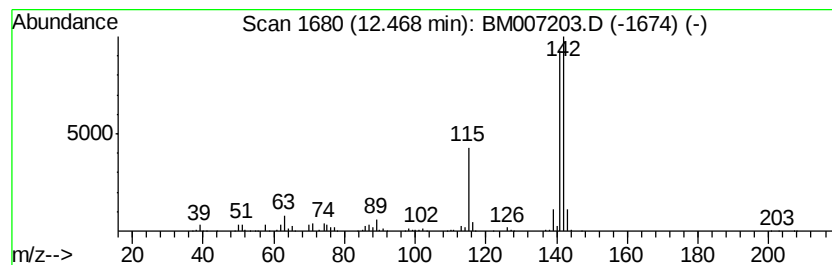
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	15.75 ng/ul	1060620	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



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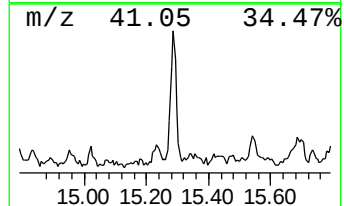
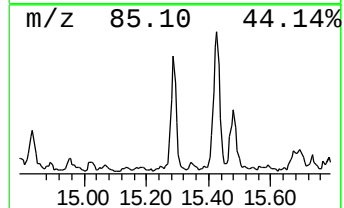
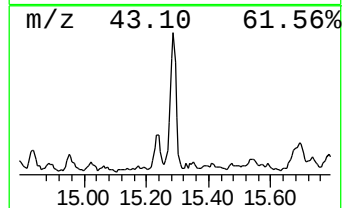
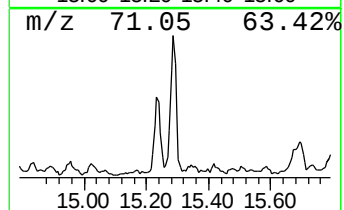
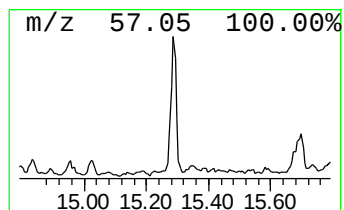
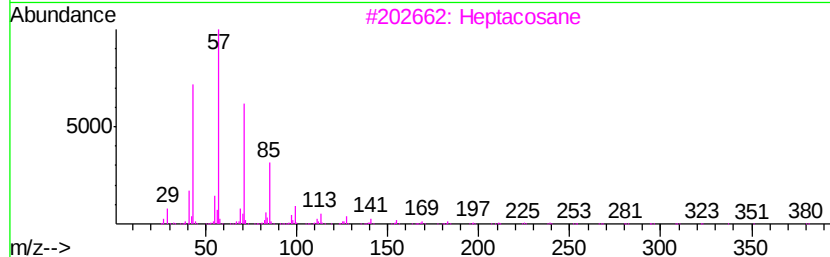
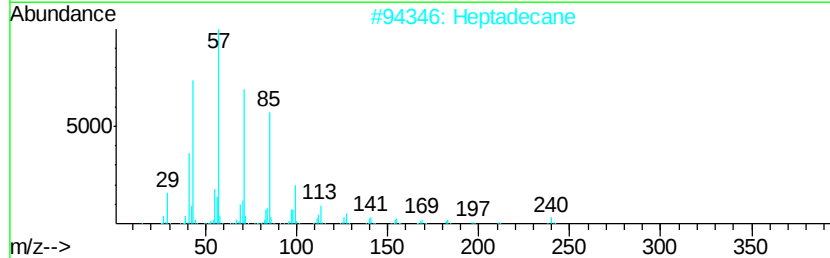
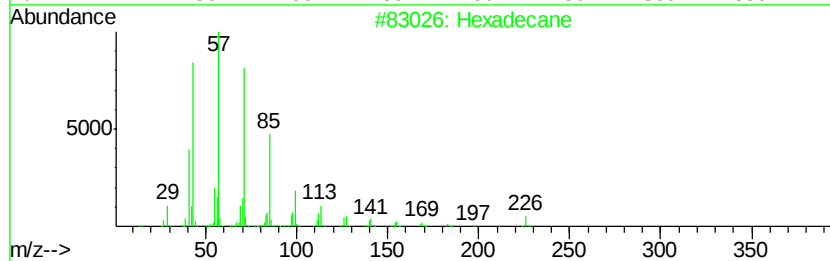
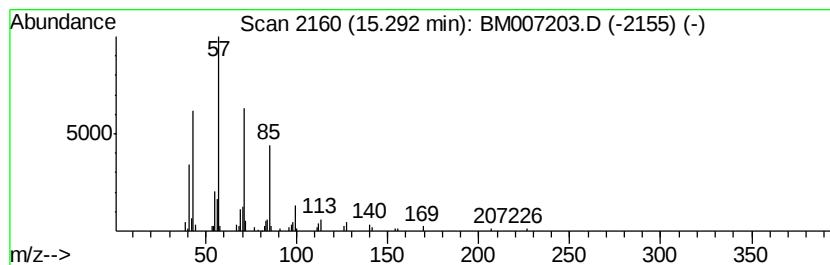
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.14 ng/ul	186123	Acenaphthene-d10	14.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heptacosane	380	C27H56	000593-49-7	72
4		Hexadecane	226	C16H34	000544-76-3	70
5		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	68



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ALS Vial : 3 Sample Multiplier: 1

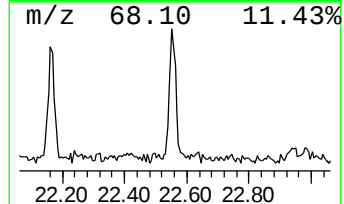
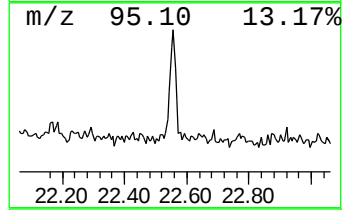
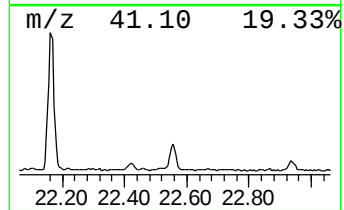
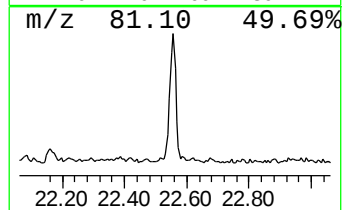
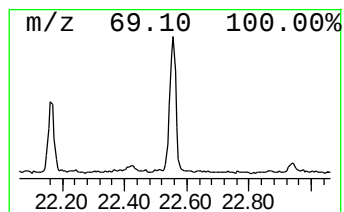
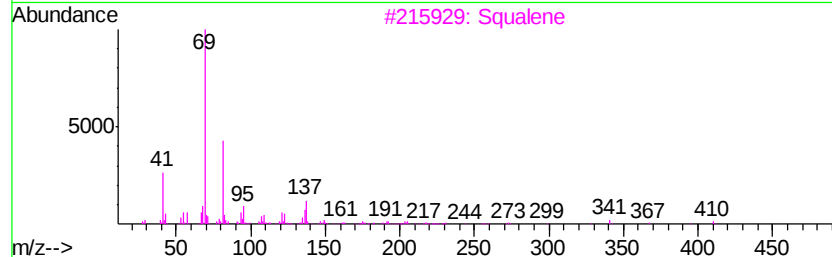
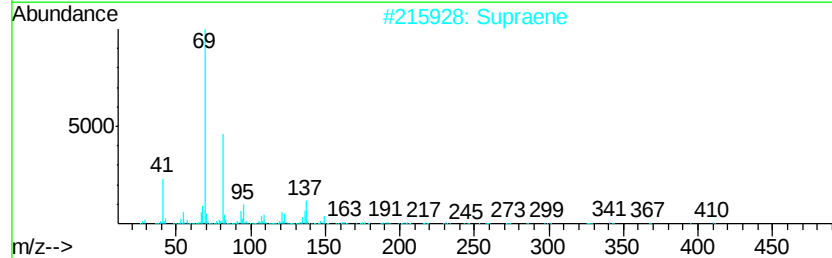
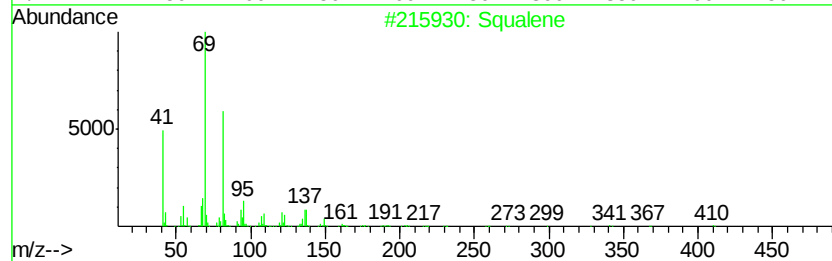
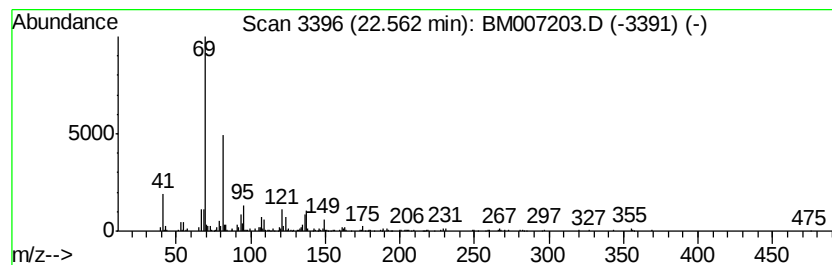
Instrument :
BNA_M
ClientSampleId :
DA233

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.31 ng/ul	342493	Perylene-d12	23.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	91
2	Supraene	410 C30H50	007683-64-9	87
3	Squalene	410 C30H50	000111-02-4	86
4	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	72
5	1,5,9-Decatriene, 2,3,5,8-tetram...	192 C14H24	230646-72-7	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007203.D
Acq On : 18 Aug 2016 13:28
Operator : UM/SJ
Sample : H4436-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA233

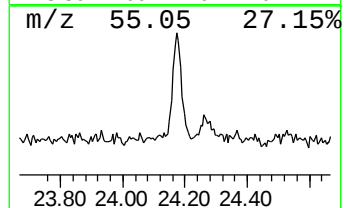
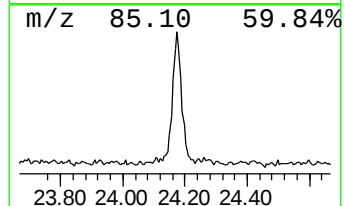
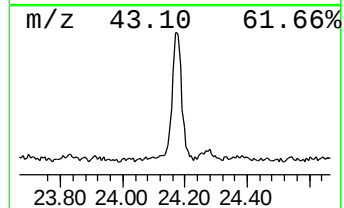
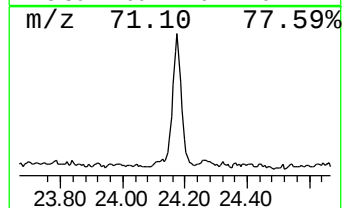
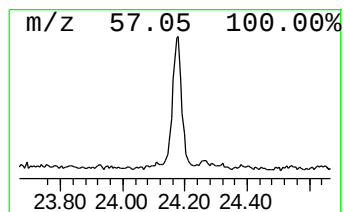
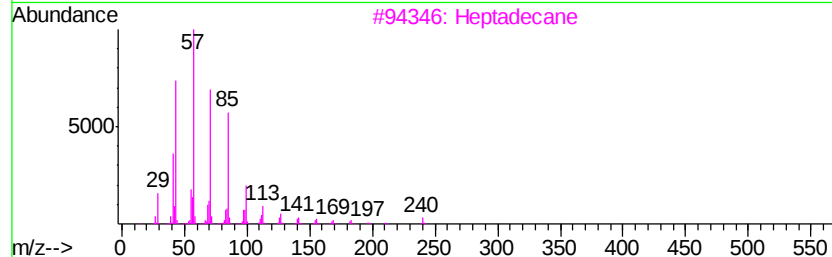
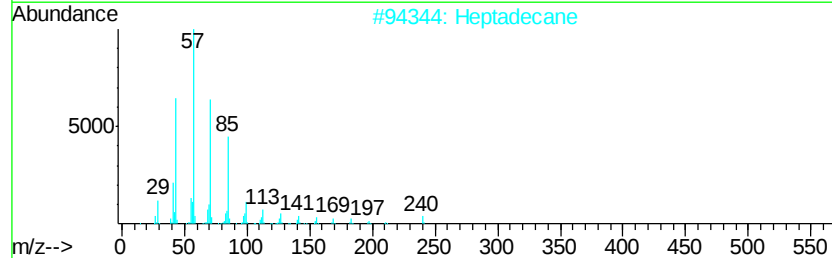
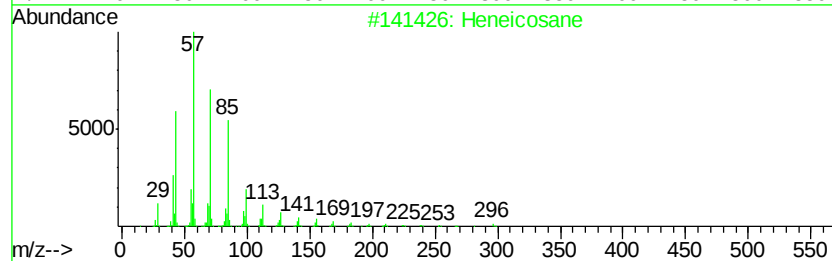
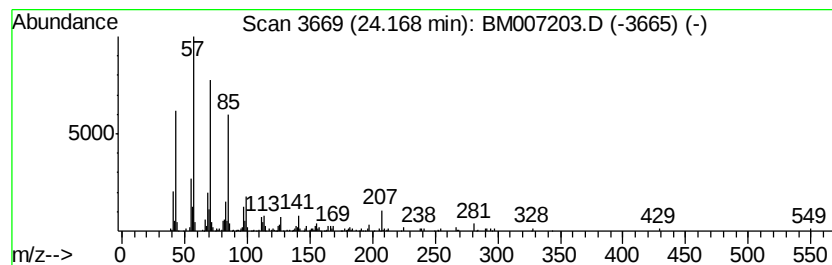
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.17	3.02 ng/ul	448788	Perylene-d12	23.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Heptadecane	240	C17H36	000629-78-7	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007203.D
Acq On : 18 Aug 2016 13:28
Operator : UM/SJ
Sample : H4436-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA233

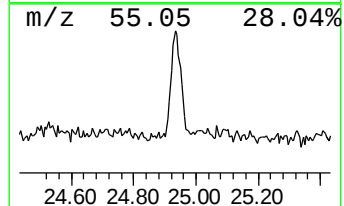
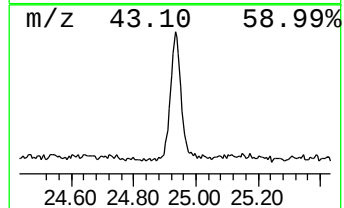
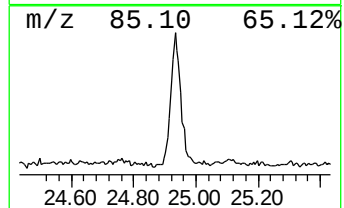
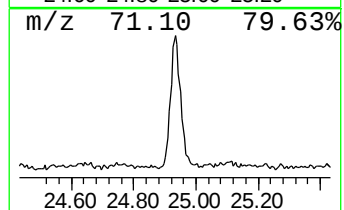
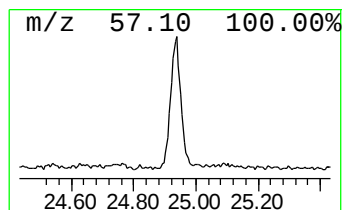
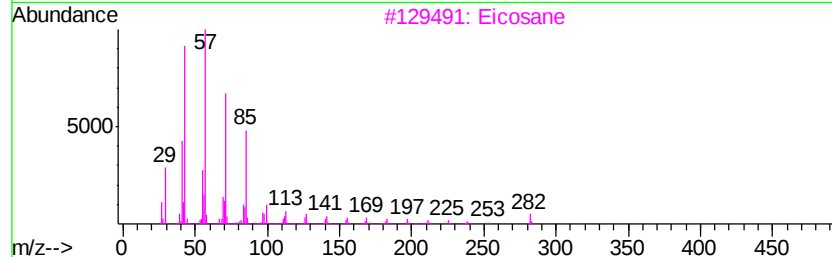
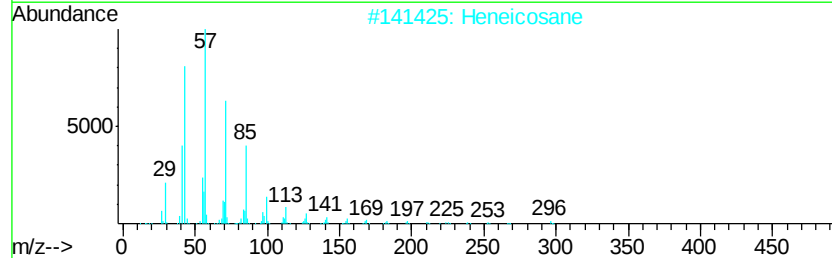
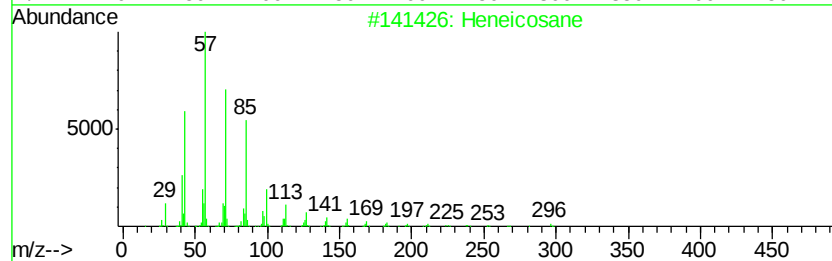
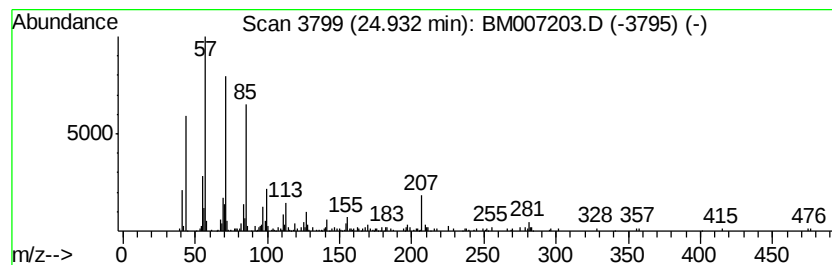
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	2.99 ng/ul	443839	Perylene-d12	23.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heneicosane	296	C21H44	000629-94-7	96
3		Eicosane	282	C20H42	000112-95-8	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007203.D
Acq On : 18 Aug 2016 13:28
Operator : UM/SJ
Sample : H4436-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA233

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.72	20.2	ng/ul	976228	1	7.80	967066	20.0
(DEL) Alkane: Cyc...	2.99	6.8	ng/ul	329949	1	7.80	967066	20.0
Naphthalene, 1-me...	12.47	15.8	ng/ul	1060620	2	10.59	1347210	20.0
(DEL) Alkane: Str...	15.29	2.1	ng/ul	186123	3	14.43	1736860	20.0
Squalene	22.56	2.3	ng/ul	342493	6	23.63	2970700	20.0
(DEL) Alkane: Str...	24.17	3.0	ng/ul	448788	6	23.63	2970700	20.0
(DEL) Alkane: Str...	24.93	3.0	ng/ul	443839	6	23.63	2970700	20.0