

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005894.D
 Acq On : 21 Jun 2016 16:58
 Operator : UM/SJ
 Sample : H3612-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z18

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-BM062116.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	2.875	44	49	58	rBV	451250	759585	9.75%	0.644%
2	6.845	715	724	734	rBV	753492	1243487	15.96%	1.055%
3	7.016	746	753	762	rBV	598282	957264	12.28%	0.812%
4	7.110	762	769	779	rVV	830864	1322438	16.97%	1.122%
5	7.210	779	786	800	rVB	737406	1372079	17.61%	1.164%
6	7.675	858	865	872	rBV	534252	881955	11.32%	0.748%
7	8.210	945	956	962	rBV	547278	1348224	17.30%	1.144%
8	8.257	962	964	973	rVB	65802	102522	1.32%	0.087%
9	8.375	977	984	995	rBV	965604	1649640	21.17%	1.399%
10	8.481	995	1002	1014	rVV	438539	695746	8.93%	0.590%
11	8.751	1039	1048	1054	rBV	379957	631202	8.10%	0.535%
12	8.828	1054	1061	1072	rVB	762347	1281707	16.45%	1.087%
13	9.392	1150	1157	1168	rBV	359032	612738	7.86%	0.520%
14	9.545	1176	1183	1196	rBV	494683	833506	10.70%	0.707%
15	9.881	1231	1240	1253	rBV	1256817	2062062	26.46%	1.749%
16	10.081	1266	1274	1290	rVB2	1022873	2546773	32.68%	2.160%
17	10.457	1330	1338	1343	rBV	866244	1554244	19.95%	1.318%
18	10.510	1343	1347	1354	rVV	397595	669422	8.59%	0.568%
19	10.592	1354	1361	1372	rVB	339199	687025	8.82%	0.583%
20	12.351	1653	1660	1669	rVB	1009390	1661945	21.33%	1.410%
21	12.492	1676	1684	1696	rBV2	1045709	2288378	29.37%	1.941%
22	12.804	1731	1737	1752	rBV	1037048	1703640	21.86%	1.445%
23	13.192	1791	1803	1814	rBV	1610950	2686062	34.47%	2.278%
24	13.739	1889	1896	1901	rBV	1416845	2229300	28.61%	1.891%
25	13.786	1901	1904	1913	rVV	321765	463218	5.94%	0.393%
26	13.898	1913	1923	1932	rVV	1083396	1614780	20.72%	1.370%
27	14.016	1932	1943	1954	rVV2	2363605	4691423	60.20%	3.979%
28	14.239	1975	1981	1989	rBV	64635	101029	1.30%	0.086%
29	14.321	1989	1995	2002	rVV2	1354967	2211011	28.37%	1.875%
30	14.386	2002	2006	2012	rVB	84707	125154	1.61%	0.106%
31	14.516	2021	2028	2037	rBV	769076	1238198	15.89%	1.050%
32	14.686	2048	2057	2060	rBV	459657	747280	9.59%	0.634%
33	14.721	2060	2063	2068	rVV	865432	1247588	16.01%	1.058%
34	15.192	2137	2143	2151	rVB2	127031	196915	2.53%	0.167%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005894.D
 Acq On : 21 Jun 2016 16:58
 Operator : UM/SJ
 Sample : H3612-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z18

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-BM062116.M
 Title : SVOA CALIBRATION

35	15.321	2158	2165	2169	rBV	3240331	4718799	60.55%	4.003%
36	15.374	2169	2174	2180	rVV	3427033	4996772	64.12%	4.238%
37	15.433	2180	2184	2191	rVB	299839	424141	5.44%	0.360%
38	15.604	2210	2213	2223	rVB4	36115	83276	1.07%	0.071%
39	16.057	2286	2290	2302	rBV	142216	324110	4.16%	0.275%
40	16.268	2321	2326	2332	rVB	1294596	1792783	23.01%	1.521%
41	16.374	2339	2344	2350	rBV	1009920	1473978	18.92%	1.250%
42	16.721	2397	2403	2414	rVB	1397035	2137914	27.44%	1.813%
43	16.851	2421	2425	2432	rBV3	135408	253294	3.25%	0.215%
44	17.074	2456	2463	2469	rBV	1837073	2834925	36.38%	2.405%
45	17.168	2473	2479	2483	rVV2	3702656	5789621	74.30%	4.911%
46	17.204	2483	2485	2493	rVB	1519053	1816445	23.31%	1.541%
47	17.474	2524	2531	2540	rBV	1371936	1970739	25.29%	1.672%
48	17.751	2574	2578	2583	rVV6	77901	111383	1.43%	0.094%
49	18.321	2672	2675	2679	rVB	83861	98141	1.26%	0.083%
50	18.486	2699	2703	2709	rBV3	78793	131437	1.69%	0.111%
51	18.845	2760	2764	2769	rBV	275859	415402	5.33%	0.352%
52	19.245	2829	2832	2840	rVB4	127535	214987	2.76%	0.182%
53	19.356	2848	2851	2856	rVB3	118486	181791	2.33%	0.154%
54	19.468	2864	2870	2877	rBV2	4601778	6466366	82.98%	5.485%
55	19.556	2882	2885	2890	rVB4	91878	139955	1.80%	0.119%
56	20.415	3026	3031	3038	rBV	3057768	3669250	47.09%	3.112%
57	20.992	3125	3129	3137	rBV	495189	700384	8.99%	0.594%
58	21.256	3168	3174	3182	rVB2	4103953	7792623	100.00%	6.610%
59	22.074	3309	3313	3322	rVB	3344656	4547128	58.35%	3.857%
60	22.462	3375	3379	3387	rVB	629107	880091	11.29%	0.747%
61	22.827	3435	3441	3445	rBV	3068070	5617696	72.09%	4.765%
62	22.868	3445	3448	3457	rVB	1642049	2661233	34.15%	2.257%
63	23.350	3523	3530	3536	rBV2	3312513	6431384	82.53%	5.455%
64	23.409	3537	3540	3546	rVV	328286	502611	6.45%	0.426%
65	23.491	3548	3554	3563	rVB	1872973	3545073	45.49%	3.007%
66	24.050	3645	3649	3656	rVB	418416	753992	9.68%	0.640%

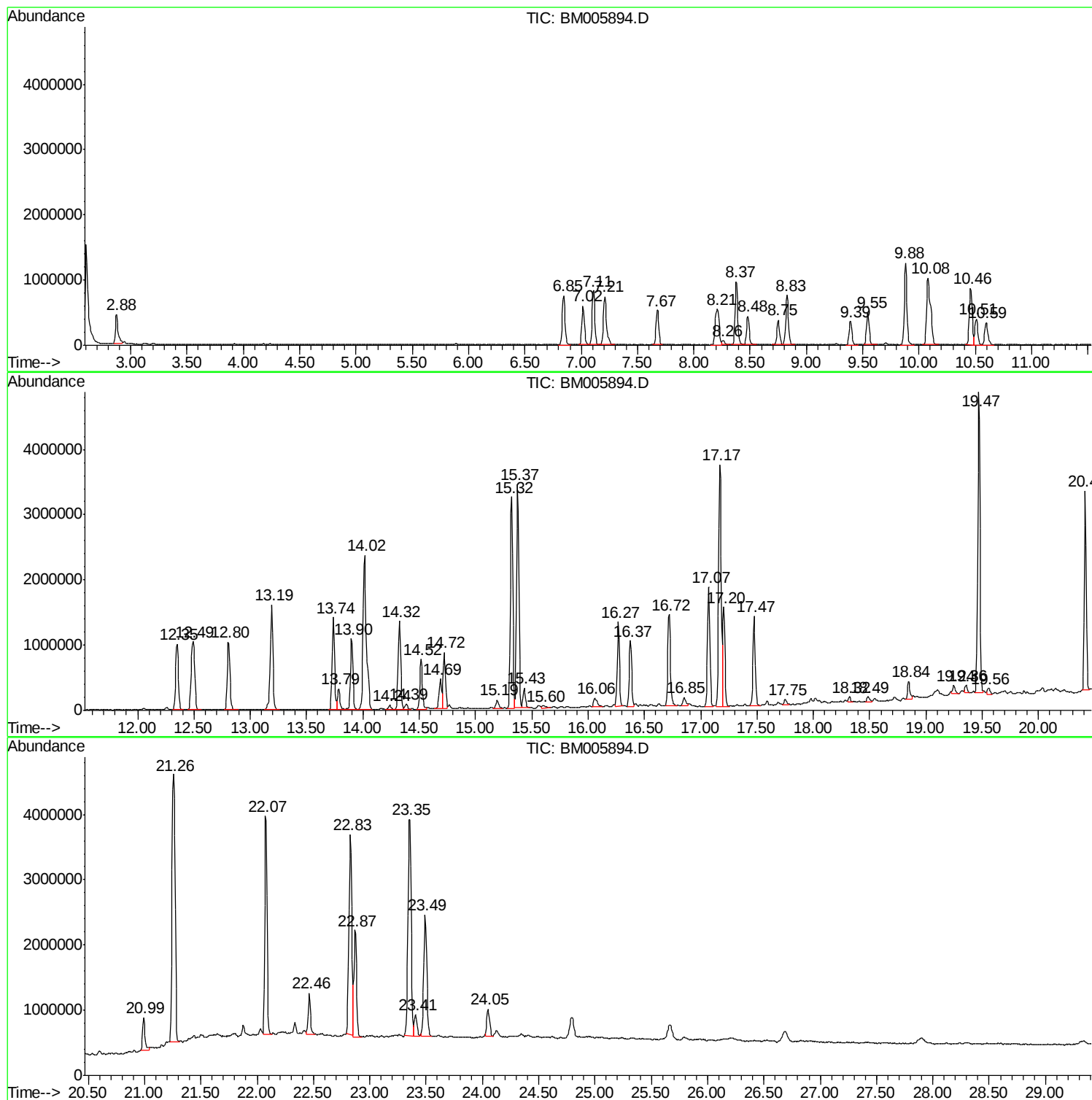
Sum of corrected areas: 117895264

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
D9Z18

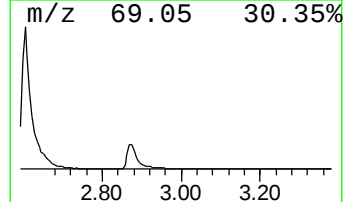
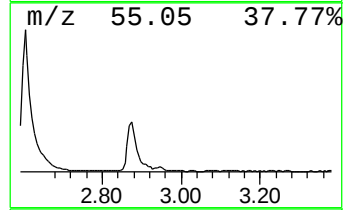
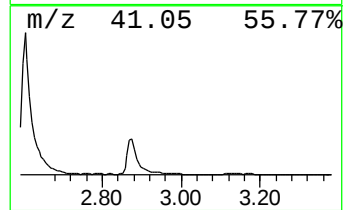
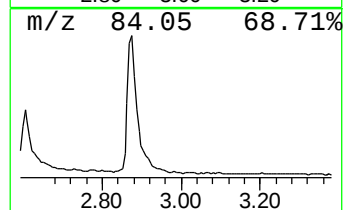
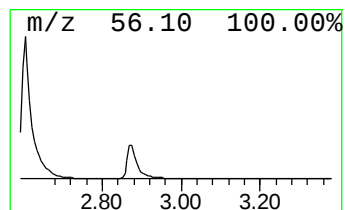
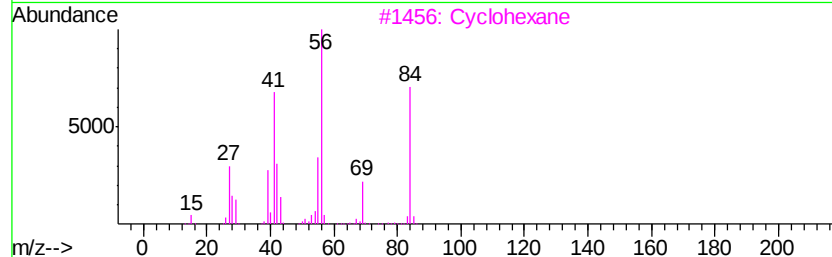
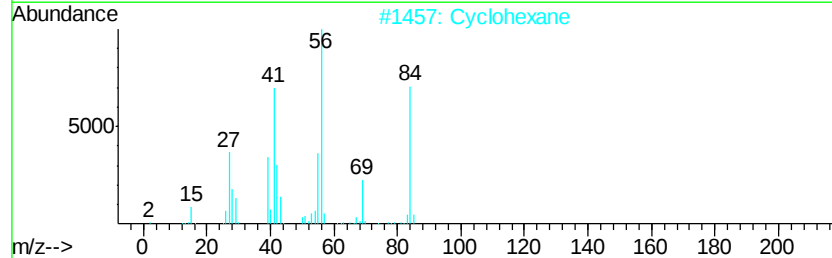
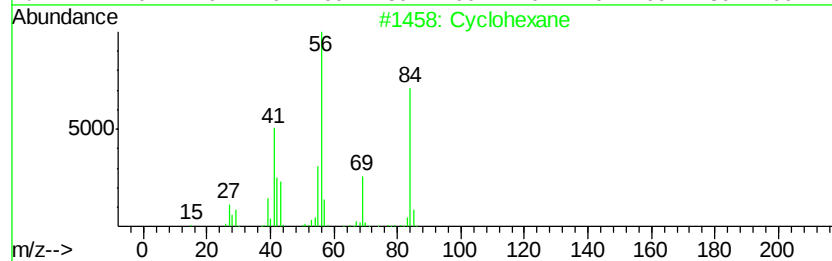
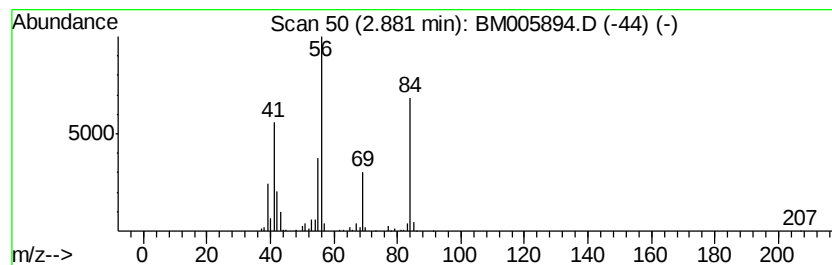
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.88 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	17.23 ng/ul	759585	1,4-Dichlorobenzene-d4	7.67

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

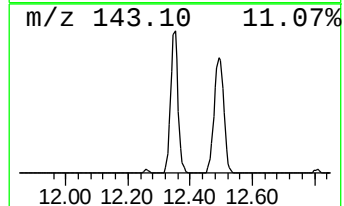
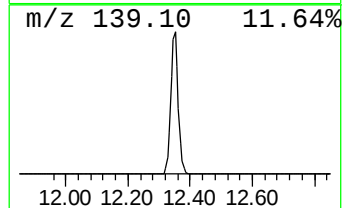
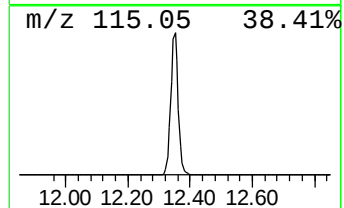
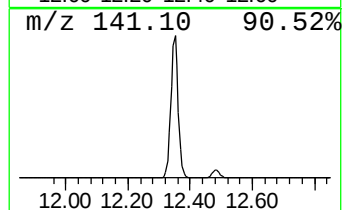
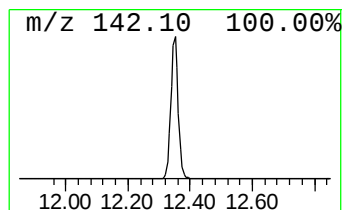
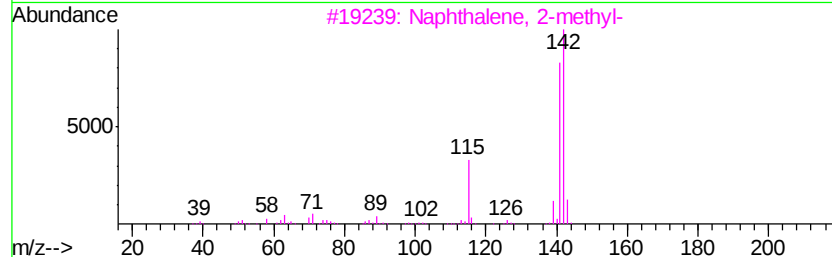
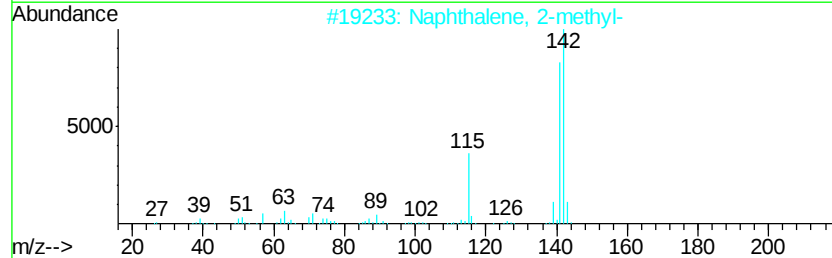
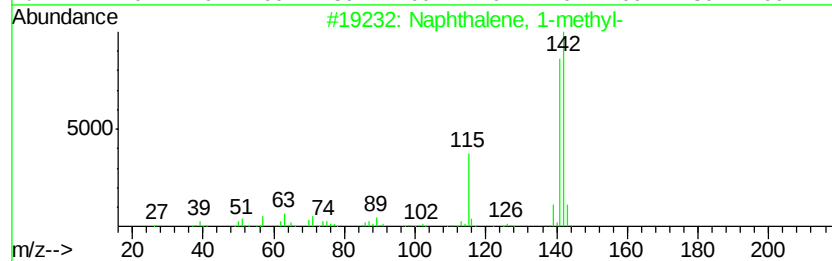
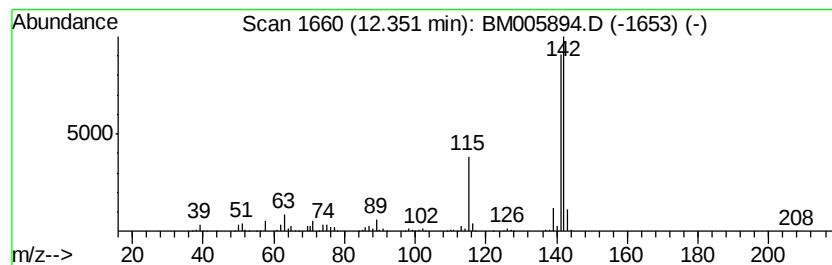
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	21.39 ng/ul	1661950	Naphthalene-d8	10.46

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	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

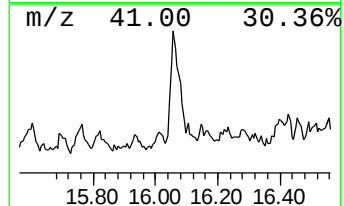
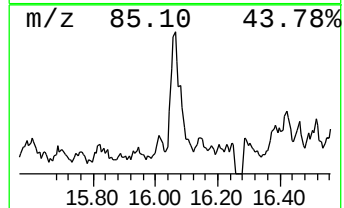
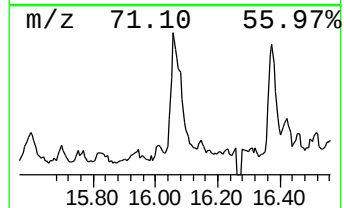
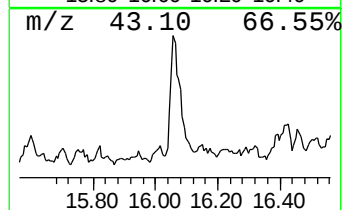
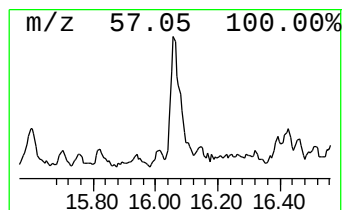
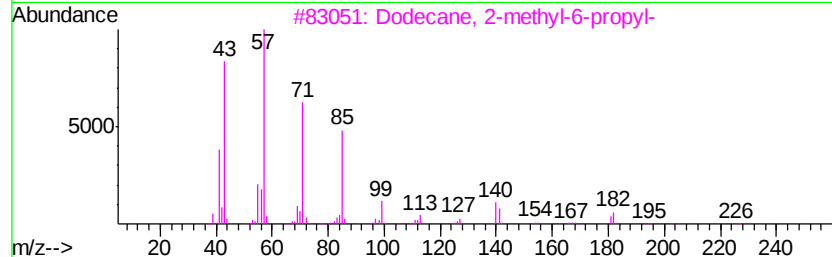
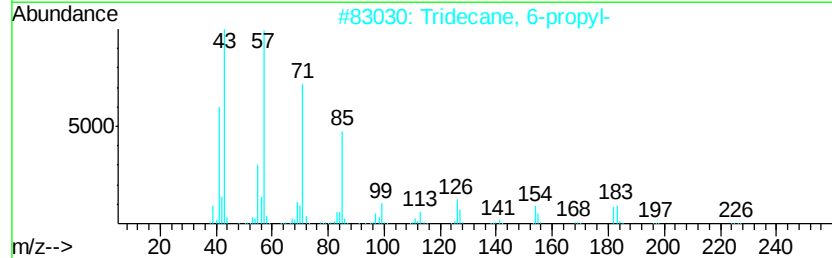
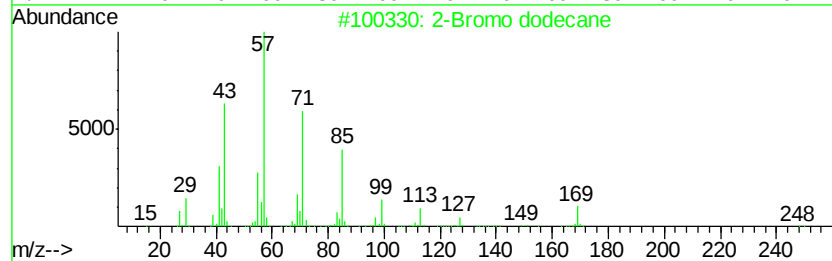
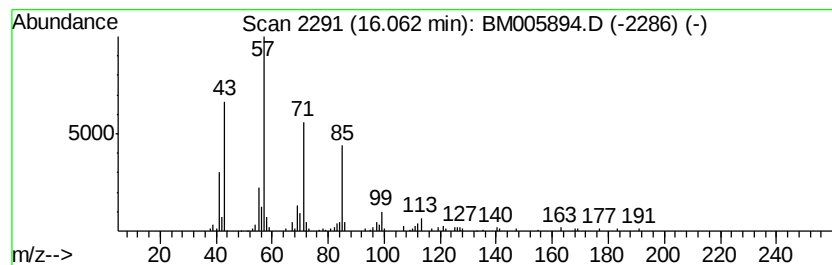
Instrument :
BNA_M
ClientSampleId :
D9Z18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Bromo dodecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.06	2.29 ng/ul	324110	Phenanthrene-d10		17.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	78
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

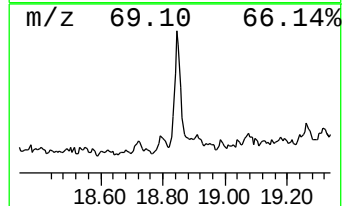
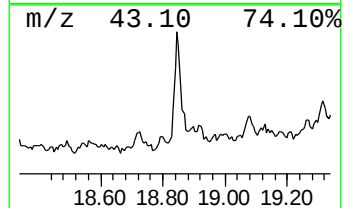
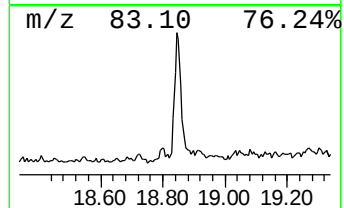
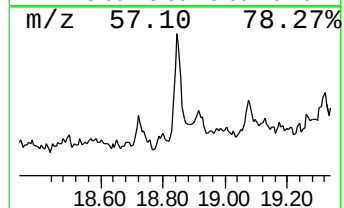
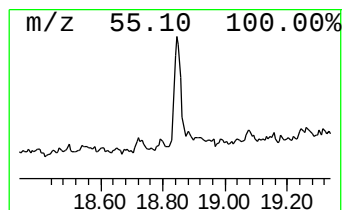
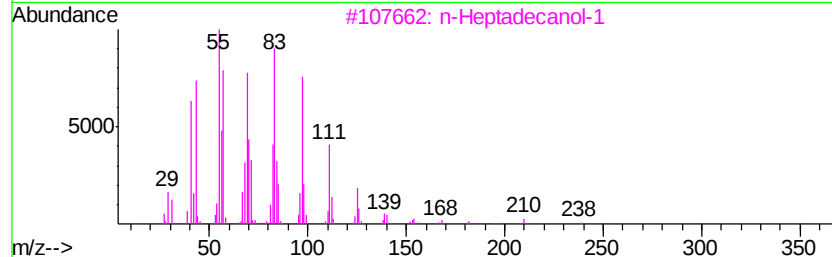
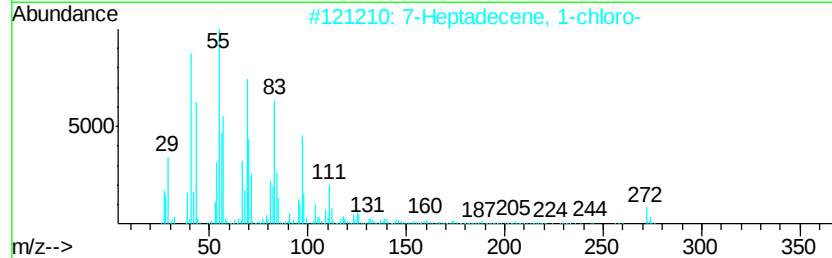
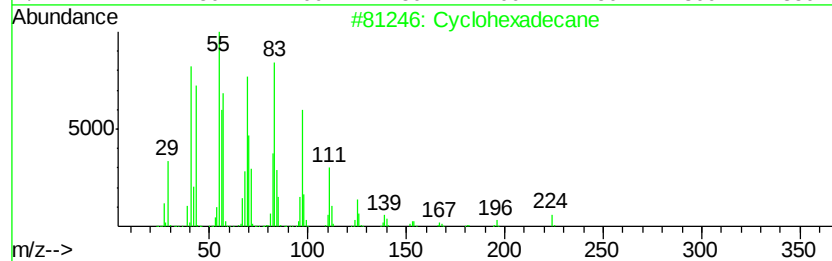
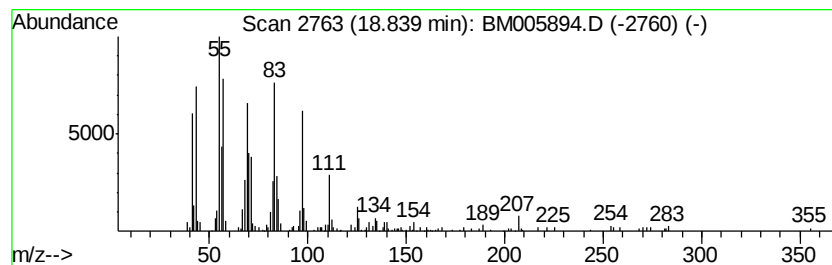
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic18.84 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.93 ng/ul	415402	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	95
2		7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	94
3		n-Heptadecanol-1	256	C17H36O	001454-85-9	93
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

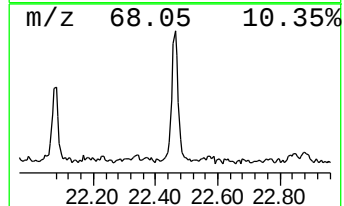
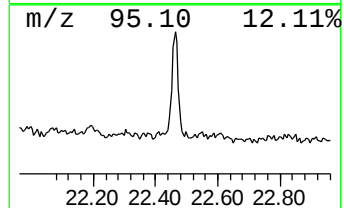
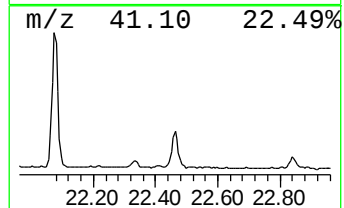
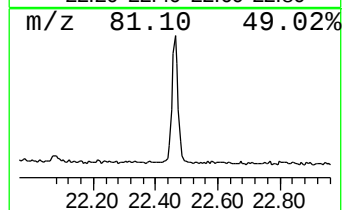
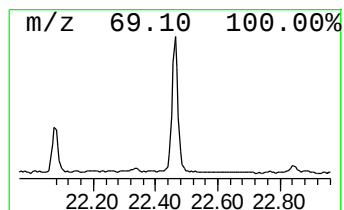
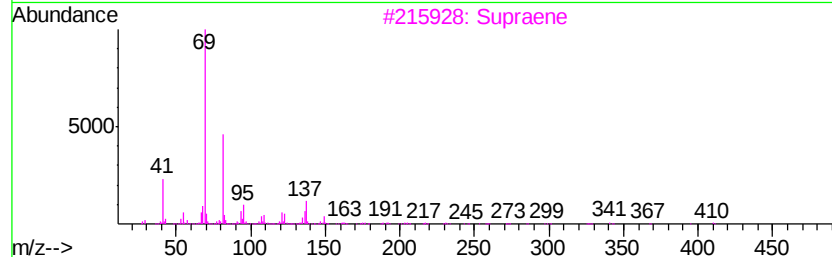
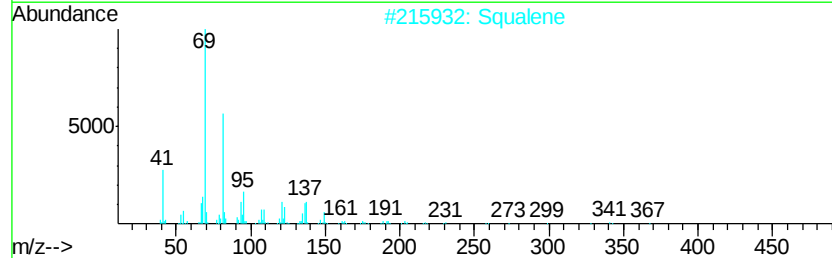
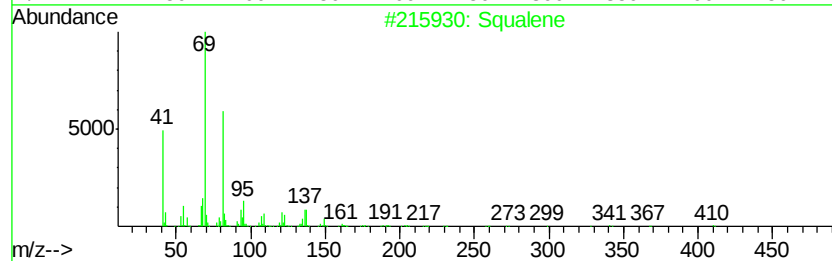
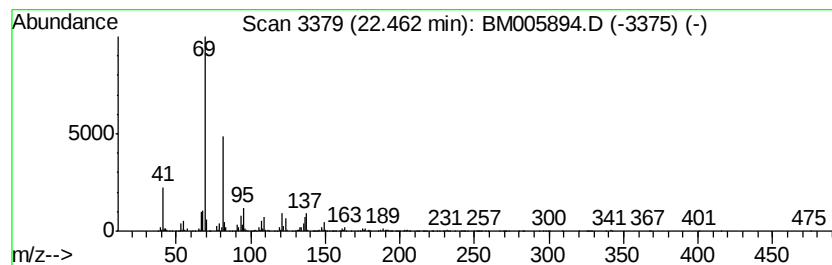
Instrument :
BNA_M
ClientSampleId :
D9Z18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.46	4.97 ng/ul	880091	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 91
2	Squalene		410 C30H50	000111-02-4 91
3	Supraene		410 C30H50	007683-64-9 91
4	Squalene		410 C30H50	000111-02-4 90
5	Squalene		410 C30H50	000111-02-4 90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

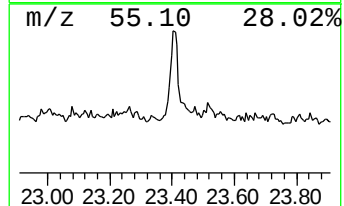
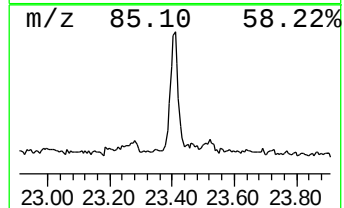
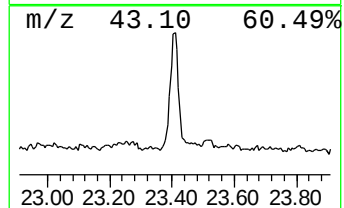
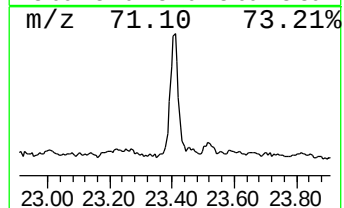
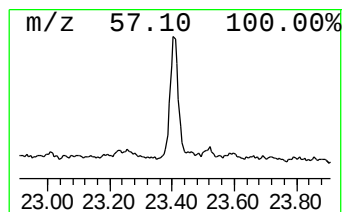
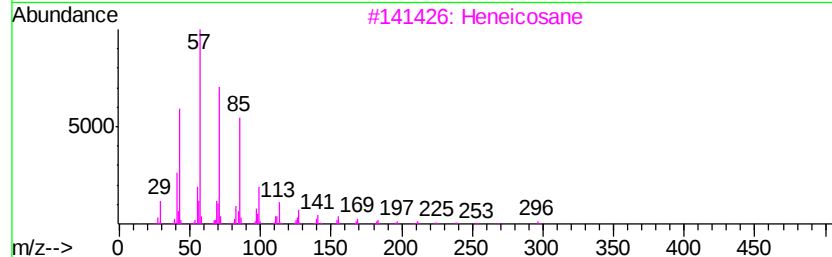
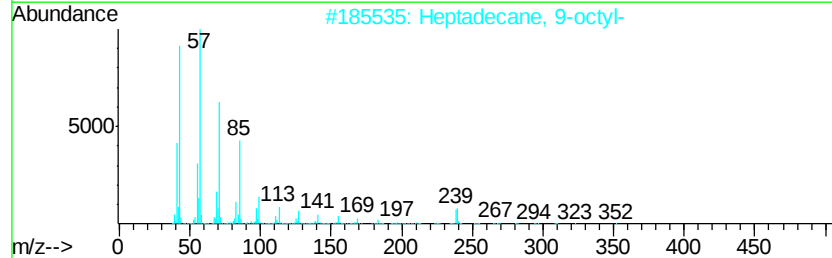
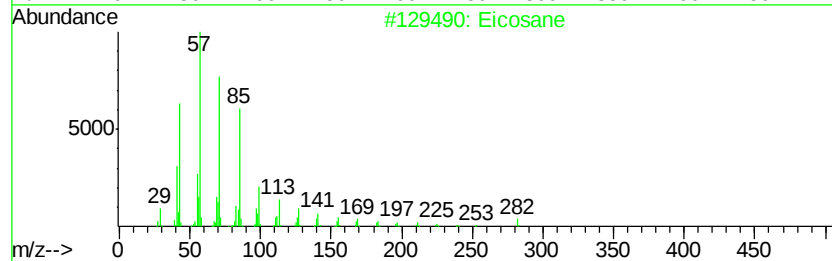
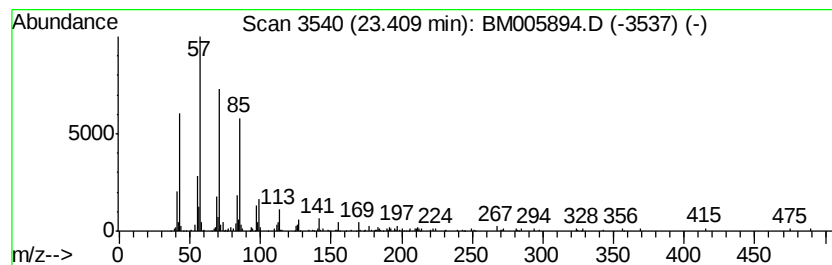
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	2.84 ng/ul	502611	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

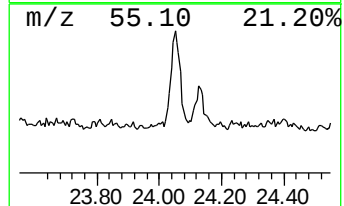
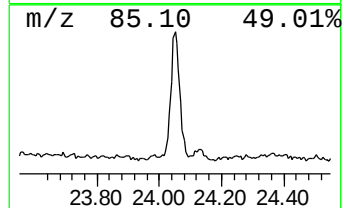
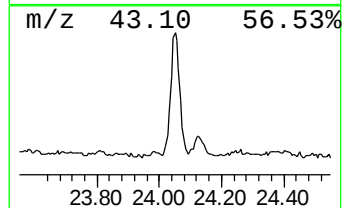
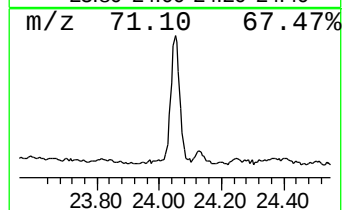
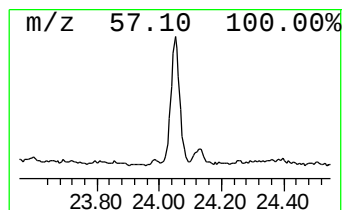
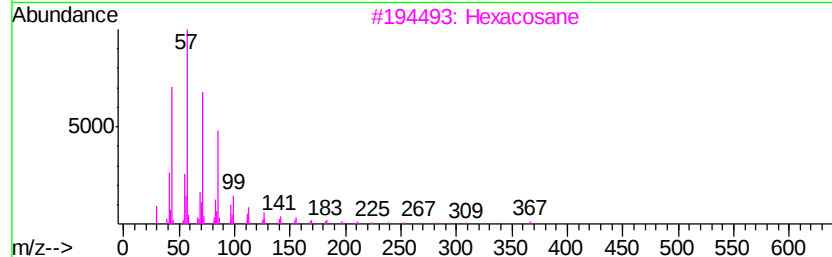
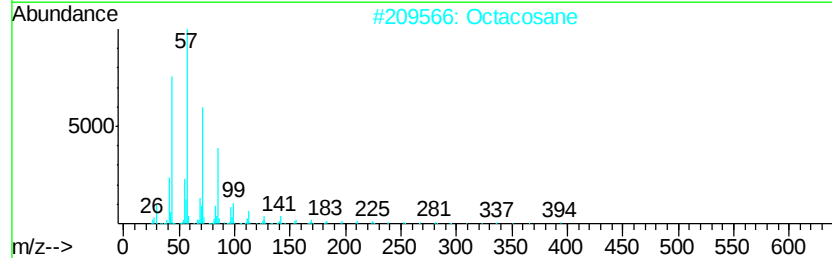
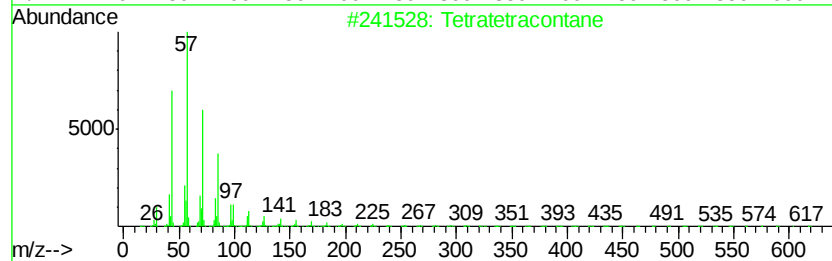
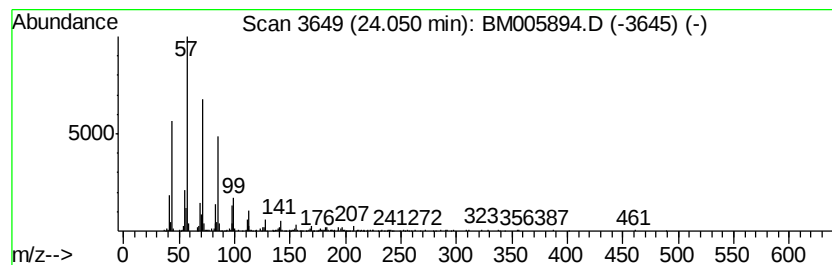
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	4.25 ng/ul	753992	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005894.D
Acq On : 21 Jun 2016 16:58
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.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...	2.88	17.2	ng/ul	759585	1	7.67	881955	20.0
Naphthalene, 1-me...	12.35	21.4	ng/ul	1661950	2	10.46	1554240	20.0
2-Bromo dodecane	16.06	2.3	ng/ul	324110	4	17.07	2834930	20.0
(DEL) Alkane: Cyc...	18.84	2.9	ng/ul	415402	4	17.07	2834930	20.0
Squalene	22.46	5.0	ng/ul	880091	6	23.49	3545070	20.0
(DEL) Alkane: Str...	23.41	2.8	ng/ul	502611	6	23.49	3545070	20.0
(DEL) Alkane: Str...	24.05	4.3	ng/ul	753992	6	23.49	3545070	20.0