

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
 Data File : BM004832.D
 Acq On : 29 Mar 2016 22:15
 Operator : UM/SJ
 Sample : H1939-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SG9

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-BM031516.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	6.516	645	651	658	rBV	248474	382462	28.13%	1.846%
2	6.816	695	702	707	rBV2	24491	38410	2.83%	0.185%
3	6.986	724	731	741	rBV	173347	277003	20.38%	1.337%
4	7.157	753	760	770	rVB	141239	221873	16.32%	1.071%
5	7.269	771	779	788	rBV	11055	20232	1.49%	0.098%
6	7.357	788	794	801	rBV	179280	278018	20.45%	1.342%
7	7.828	868	874	882	rVB	197577	314088	23.11%	1.516%
8	8.045	905	911	915	rVB	29633	42964	3.16%	0.207%
9	8.522	986	992	1003	rVB	166689	267257	19.66%	1.290%
10	8.980	1064	1070	1079	rVB	161747	265766	19.55%	1.282%
11	9.698	1186	1192	1199	rBV	133692	217857	16.03%	1.051%
12	10.174	1268	1273	1277	rBV	16041	25345	1.86%	0.122%
13	10.233	1277	1283	1293	rVB	231086	380201	27.97%	1.835%
14	10.616	1341	1348	1354	rBV	327446	550738	40.51%	2.658%
15	10.751	1366	1371	1379	rVB	49371	82757	6.09%	0.399%
16	13.345	1805	1812	1821	rBV4	20875	34958	2.57%	0.169%
17	13.868	1895	1901	1905	rBV	434178	594775	43.75%	2.870%
18	13.915	1905	1909	1917	rVB2	218149	364015	26.78%	1.757%
19	14.151	1943	1949	1958	rBV	481947	727561	53.52%	3.511%
20	14.357	1979	1984	1988	rVB	30744	37787	2.78%	0.182%
21	14.462	1992	2002	2009	rBV2	518191	802727	59.05%	3.874%
22	14.527	2009	2013	2024	rVB3	15877	31836	2.34%	0.154%
23	14.651	2028	2034	2040	rBV	173462	259244	19.07%	1.251%
24	14.709	2040	2044	2050	rVB3	25774	37072	2.73%	0.179%
25	14.809	2051	2061	2066	rBV5	10891	20448	1.50%	0.099%
26	14.986	2083	2091	2096	rVB4	11494	23971	1.76%	0.116%
27	15.309	2142	2146	2152	rVB	47184	57371	4.22%	0.277%
28	15.368	2152	2156	2161	rVV2	27781	36750	2.70%	0.177%
29	15.451	2164	2170	2180	rVB	636710	940227	69.17%	4.537%
30	15.568	2185	2190	2203	rVB	182241	253374	18.64%	1.223%
31	15.698	2208	2212	2213	rBV2	12844	16525	1.22%	0.080%
32	15.927	2244	2251	2255	rBV3	9700	15350	1.13%	0.074%
33	16.168	2288	2292	2300	rBV2	52945	84908	6.25%	0.410%
34	16.509	2345	2350	2357	rBV4	6805	15544	1.14%	0.075%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
 Data File : BM004832.D
 Acq On : 29 Mar 2016 22:15
 Operator : UM/SJ
 Sample : H1939-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SG9

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-BM031516.M
 Title : SVOA CALIBRATION

35	16.956	2422	2426	2430	rBV	25279	32660	2.40%	0.158%
36	17.015	2430	2436	2446	rVB6	8611	21374	1.57%	0.103%
37	17.203	2462	2468	2475	rVB	702030	998375	73.44%	4.818%
38	17.303	2479	2485	2494	rVB	713416	1024652	75.38%	4.944%
39	18.092	2614	2619	2628	rBV	91274	143658	10.57%	0.693%
40	18.215	2634	2640	2646	rVB6	8294	21325	1.57%	0.103%
41	18.439	2673	2678	2683	rVB2	18385	25279	1.86%	0.122%
42	18.892	2749	2755	2761	rVB6	8869	21144	1.56%	0.102%
43	19.021	2774	2777	2780	rBV	30091	36761	2.70%	0.177%
44	19.227	2808	2812	2814	rBV	20038	25131	1.85%	0.121%
45	19.374	2832	2837	2848	rBV	95937	168338	12.38%	0.812%
46	19.509	2855	2860	2861	rBV2	51971	62279	4.58%	0.301%
47	19.597	2869	2875	2881	rBV	952797	1314089	96.67%	6.341%
48	19.815	2908	2912	2919	rVB6	43411	81966	6.03%	0.396%
49	19.892	2922	2925	2931	rVB2	13320	19263	1.42%	0.093%
50	19.986	2937	2941	2946	rBV3	12914	16910	1.24%	0.082%
51	20.044	2946	2951	2959	rBV4	77778	147831	10.87%	0.713%
52	20.139	2964	2967	2970	rVV	35788	41191	3.03%	0.199%
53	20.186	2970	2975	2980	rVB5	41182	76318	5.61%	0.368%
54	20.262	2986	2988	2990	rBV2	12260	13764	1.01%	0.066%
55	20.297	2990	2994	3003	rVB4	37866	67289	4.95%	0.325%
56	20.444	3013	3019	3029	rBV	61273	127037	9.35%	0.613%
57	20.574	3036	3041	3045	rBV	101256	132322	9.73%	0.639%
58	20.633	3047	3051	3061	rVB	124290	184598	13.58%	0.891%
59	20.950	3101	3105	3109	rBV2	85939	135179	9.94%	0.652%
60	21.080	3122	3127	3138	rBV2	522460	1040422	76.54%	5.021%
61	21.274	3156	3160	3163	rBV	117973	161373	11.87%	0.779%
62	21.333	3166	3170	3175	rVV3	151923	230478	16.95%	1.112%
63	21.391	3175	3180	3187	rVB	1024405	1359386	100.00%	6.560%
64	21.997	3280	3283	3293	rVB	97521	151927	11.18%	0.733%
65	22.450	3357	3360	3365	rVB	34340	41501	3.05%	0.200%
66	22.585	3379	3383	3389	rVB	37356	56660	4.17%	0.273%
67	22.968	3445	3448	3453	rVB	41504	55002	4.05%	0.265%
68	23.538	3538	3545	3555	rBV	661189	1288186	94.76%	6.216%
69	23.685	3563	3570	3579	rVB	596357	1168033	85.92%	5.636%
70	24.215	3655	3660	3667	rVB	81826	162187	11.93%	0.783%
71	24.303	3668	3675	3692	rVV	193974	465357	34.23%	2.246%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

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-BM031516.M
Title : SVOA CALIBRATION

72	24.985	3785	3791	3798	rBV2	55160	126336	9.29%	0.610%
73	25.879	3937	3943	3950	rBV2	63391	151351	11.13%	0.730%
74	26.820	4094	4103	4113	rBV5	133188	418980	30.82%	2.022%
75	28.197	4326	4337	4353	rVB6	225610	797034	58.63%	3.846%
76	28.444	4370	4379	4392	rVB4	111185	390816	28.75%	1.886%

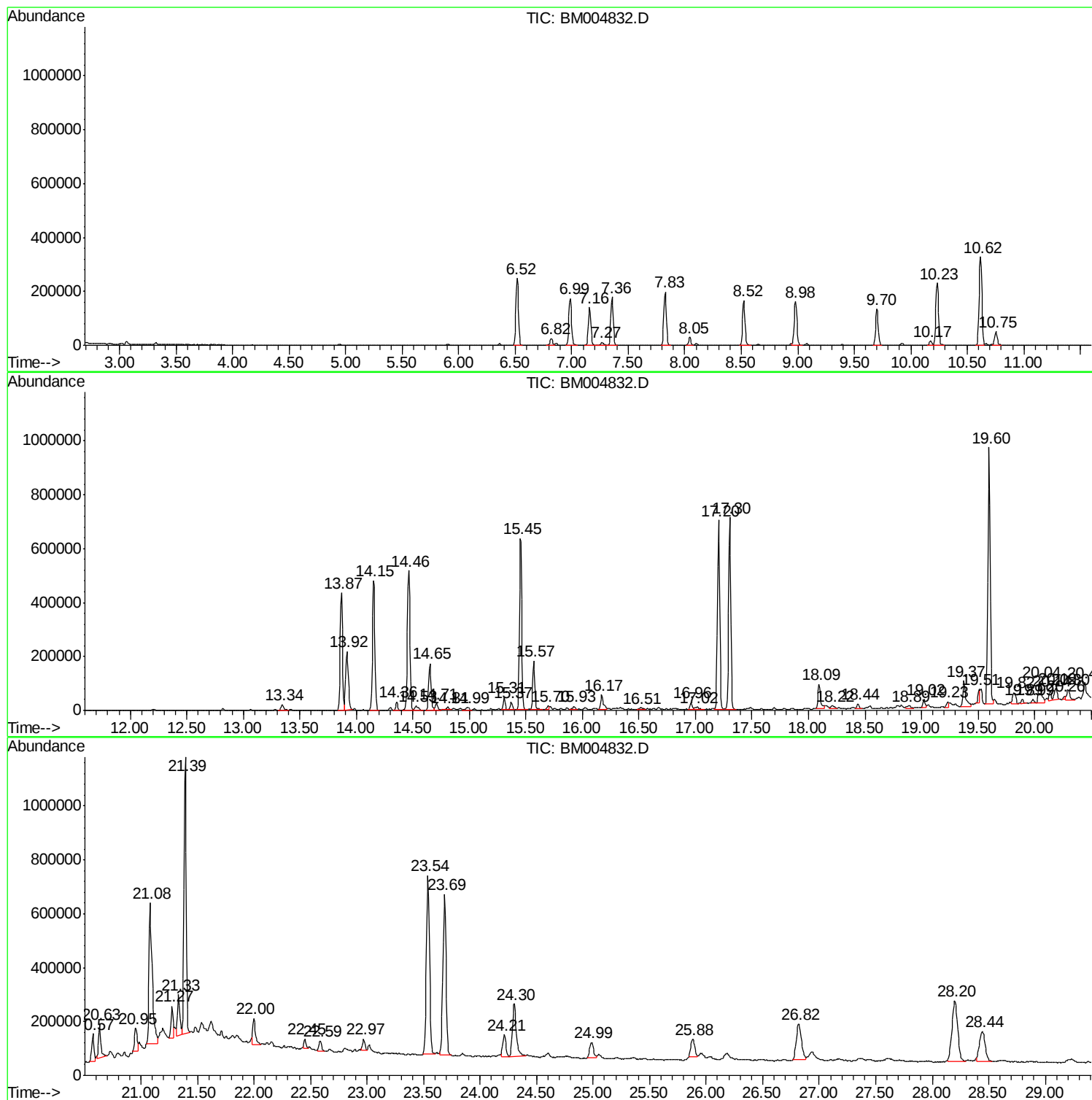
Sum of corrected areas: 20723176

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

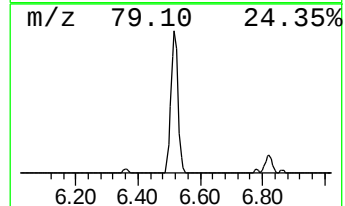
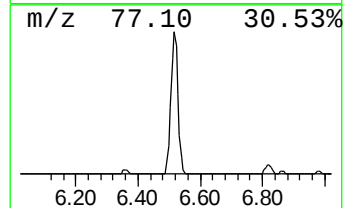
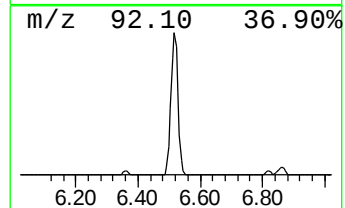
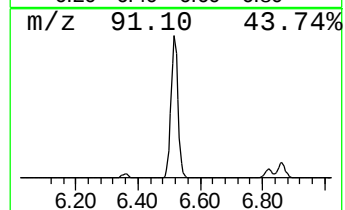
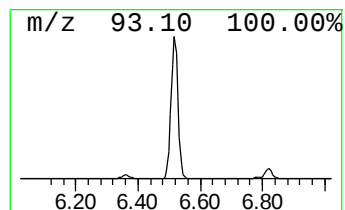
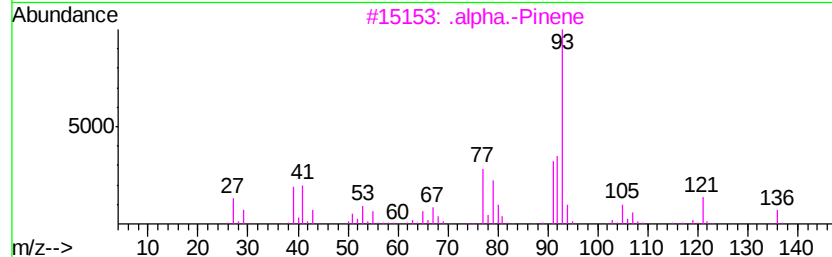
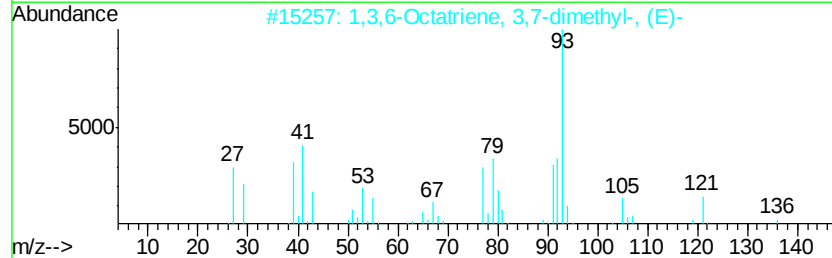
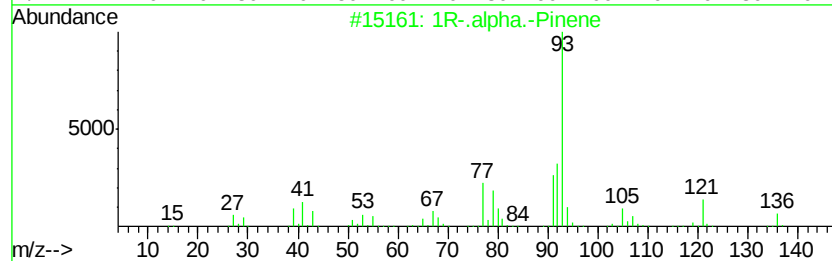
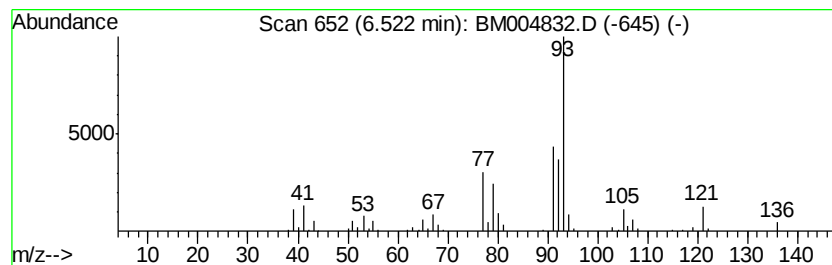
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1R-.alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	24.35 ng/ul	382462	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1R-.alpha.-Pinene	136	C10H16	007785-70-8	94
2		1,3,6-Octatriene, 3,7-dimethyl-, ...	136	C10H16	003779-61-1	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

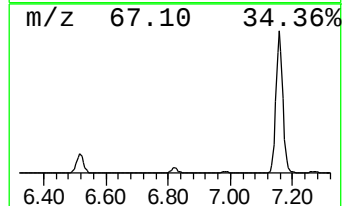
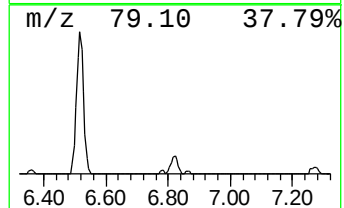
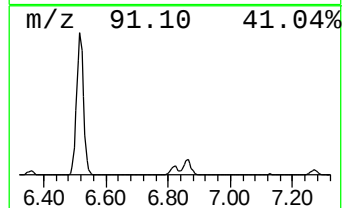
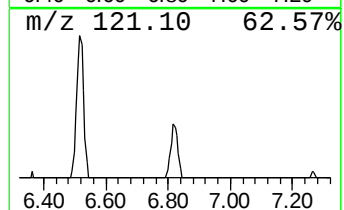
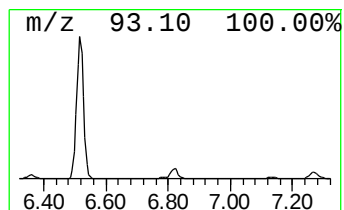
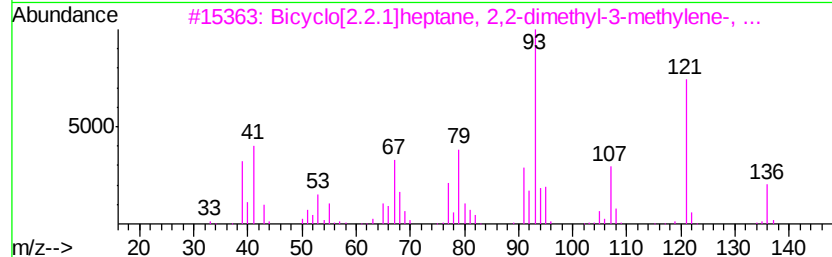
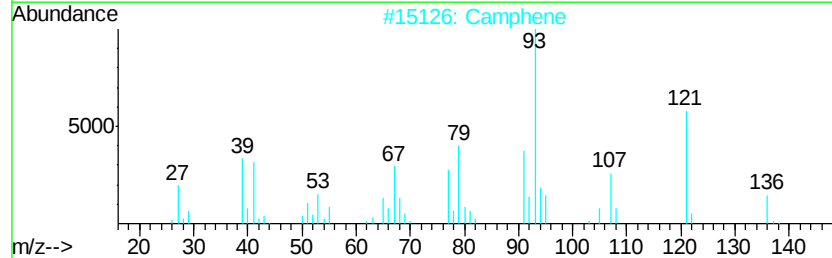
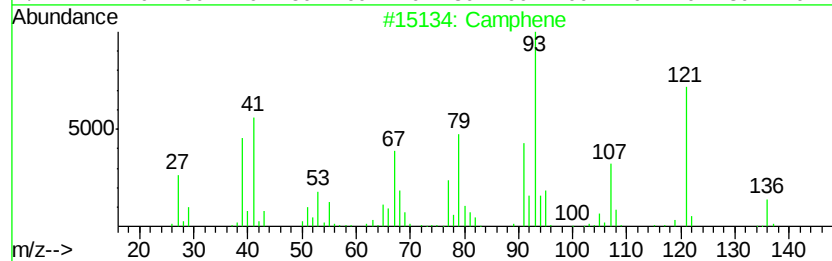
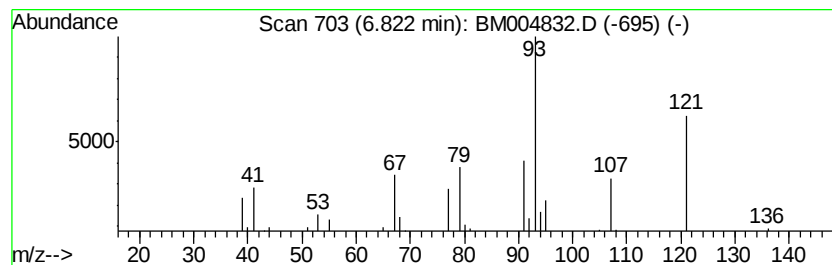
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Camphene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.45 ng/ul	38410	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	93
2		Camphene	136	C10H16	000079-92-5	91
3		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	91
4		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	87
5		Santolina triene	136	C10H16	002153-66-4	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

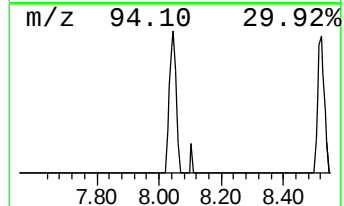
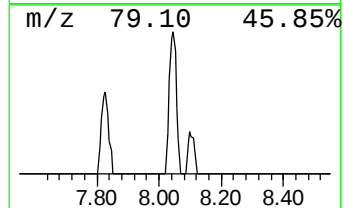
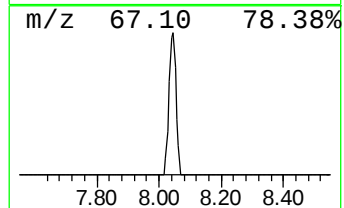
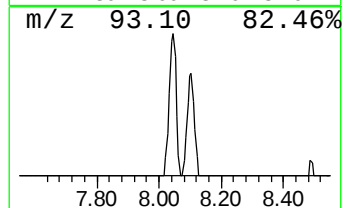
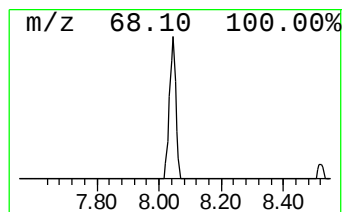
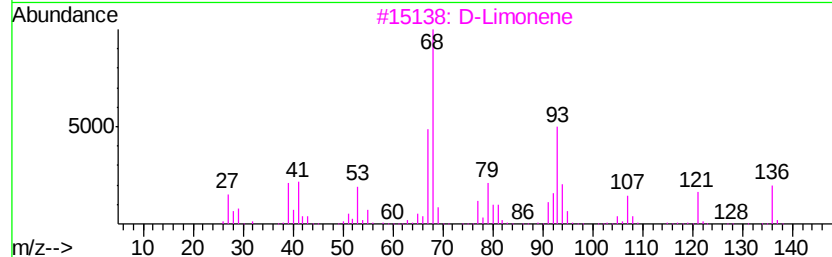
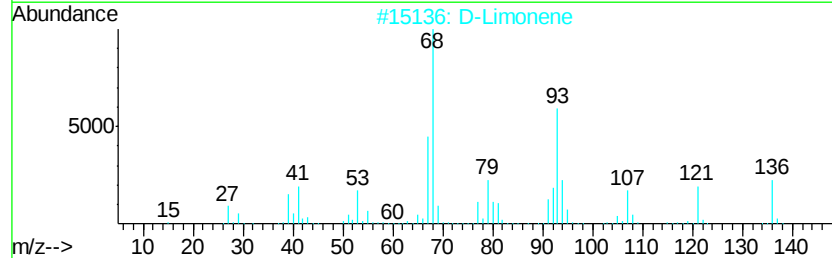
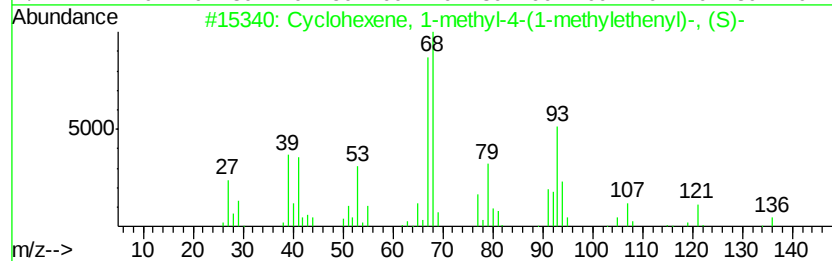
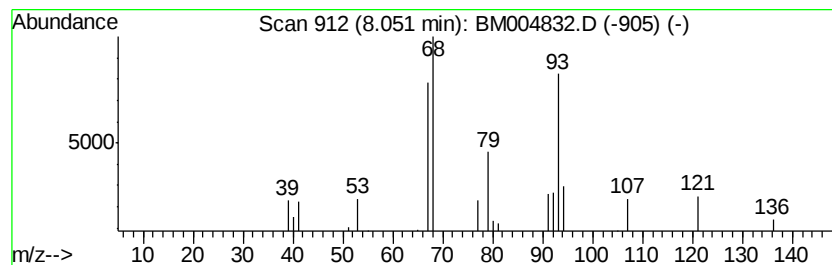
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	2.74 ng/ul	42964	1,4-Dichlorobenzene-d4	7.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	97
2		D-Limonene	136	C10H16	005989-27-5	91
3		D-Limonene	136	C10H16	005989-27-5	91
4		D-Limonene	136	C10H16	005989-27-5	91
5		Limonene	136	C10H16	000138-86-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

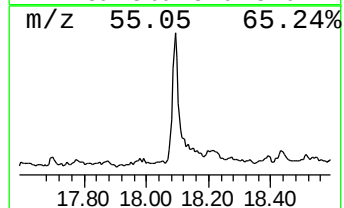
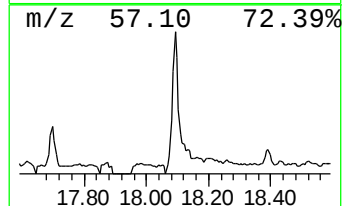
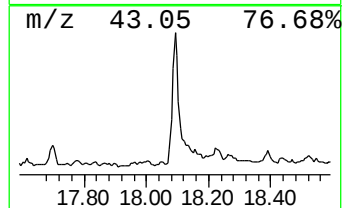
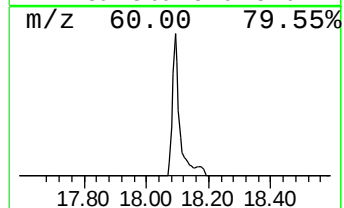
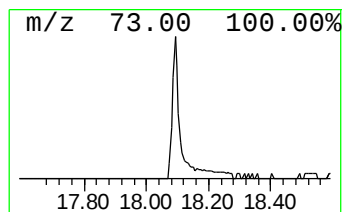
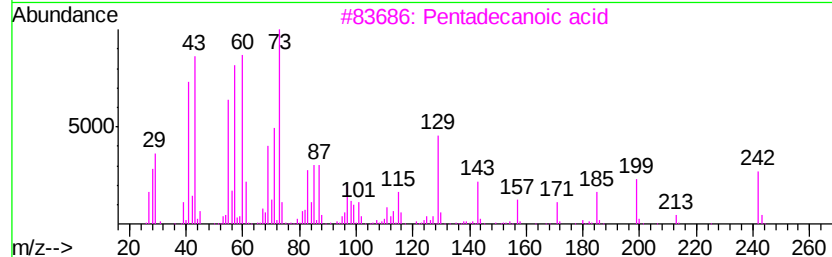
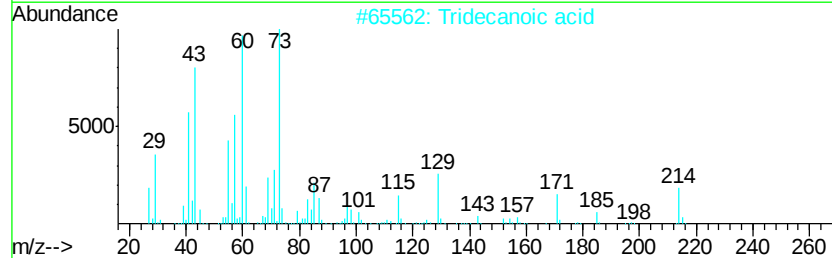
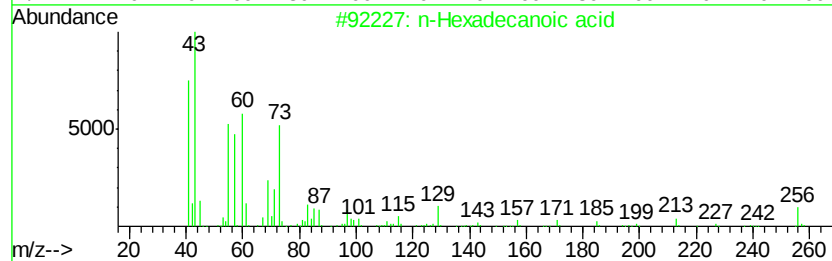
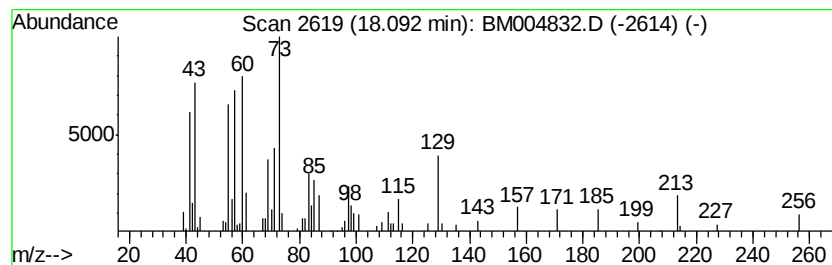
Instrument :
BNA_M
ClientSampleId :
D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.09	2.88 ng/ul	143658	Phenanthrene-d10		17.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

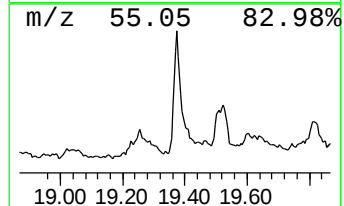
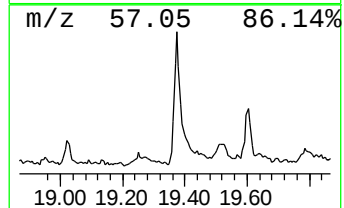
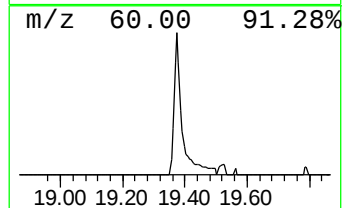
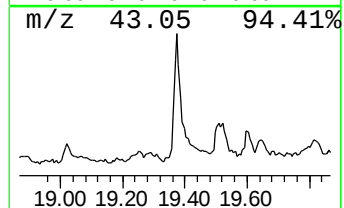
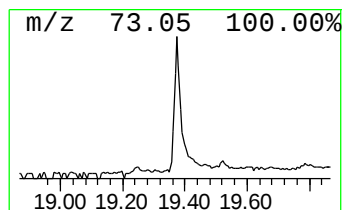
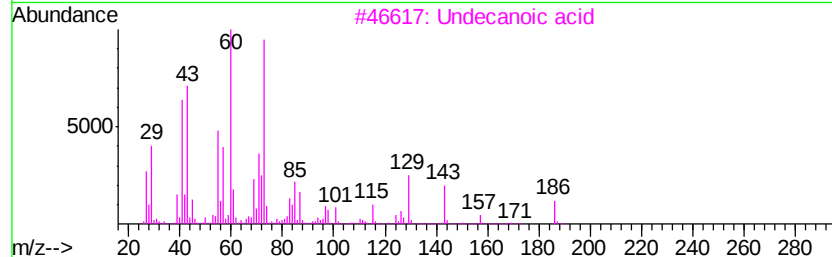
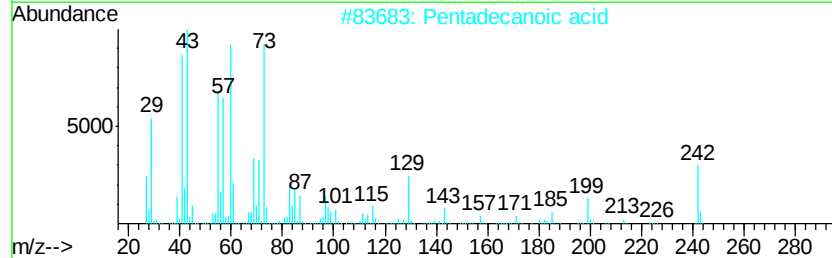
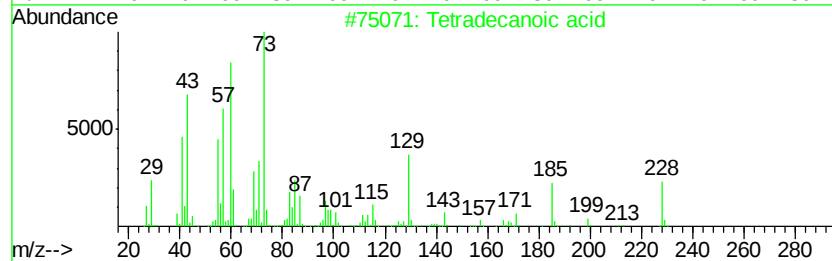
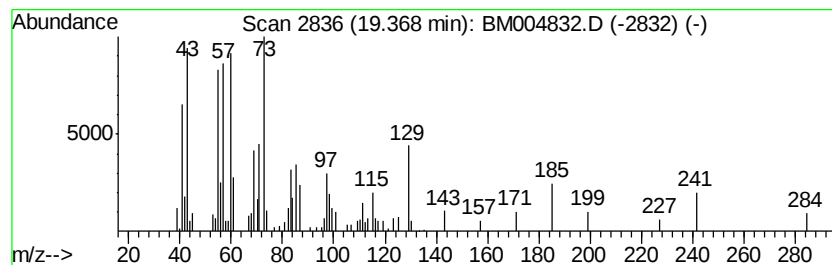
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.48 ng/ul	168338	Chrysene-d12	21.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Undecanoic acid	186	C11H22O2	000112-37-8	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

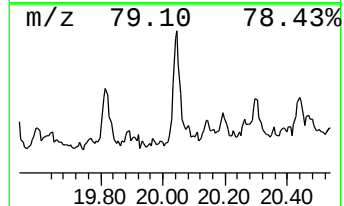
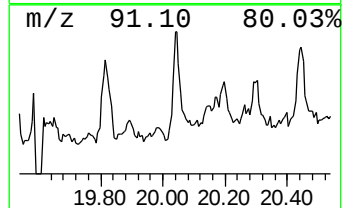
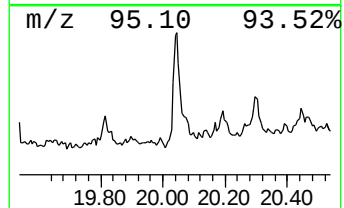
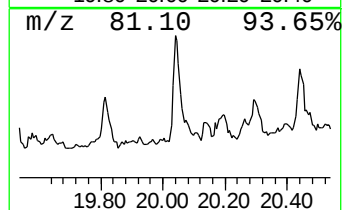
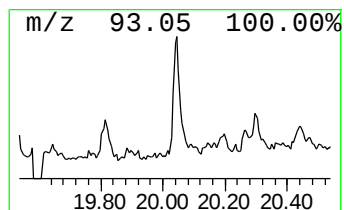
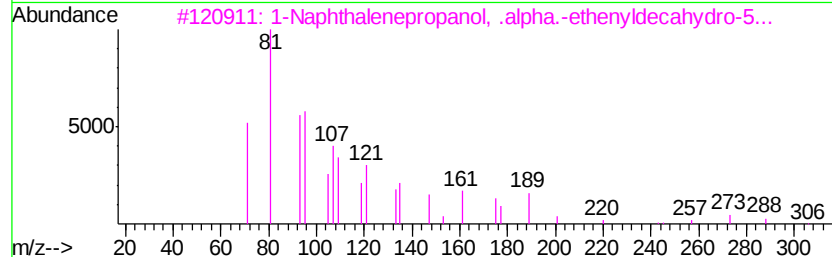
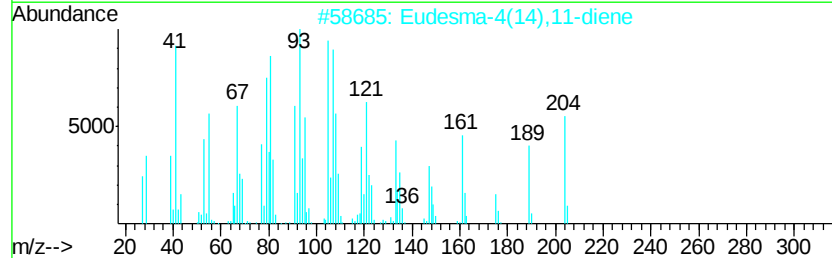
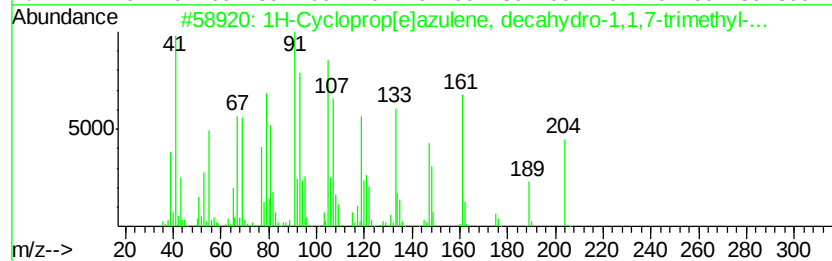
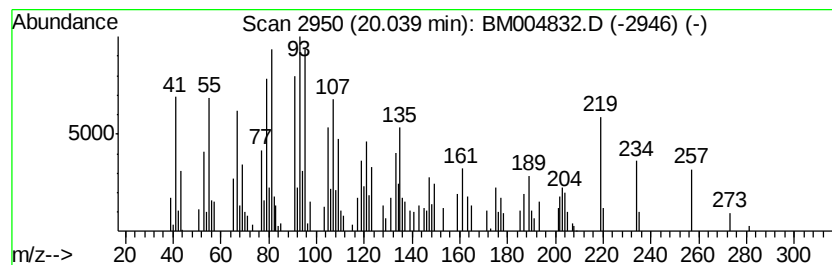
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Cycloprop[e]azulene, dec... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.17 ng/ul	147831	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	025246-27-9	68
2		Eudesma-4(14),11-diene	204	C15H24	1000152-04-3	60
3		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	58
4		3a,9-Dimethyldodecahydrocyclohep...	234	C16H26O	1000189-38-7	53
5		1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

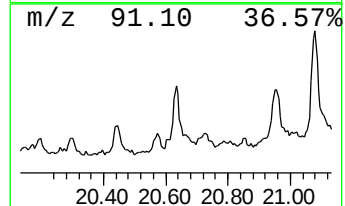
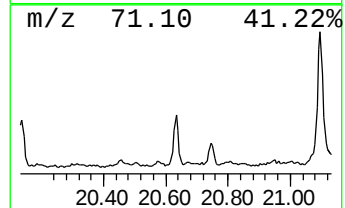
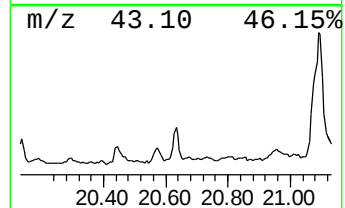
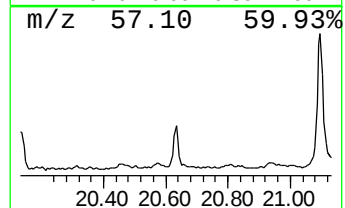
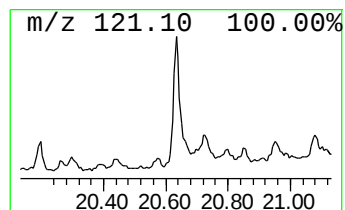
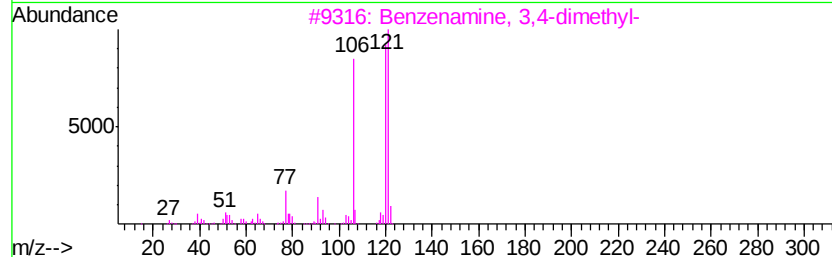
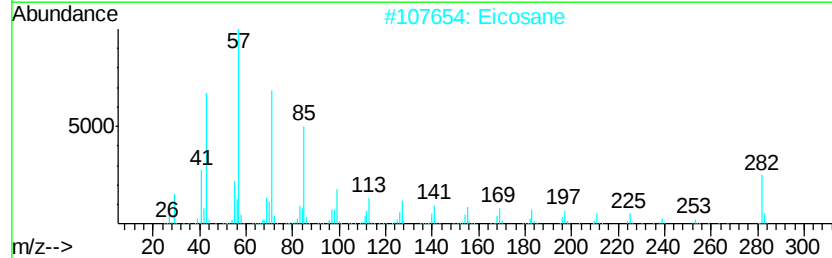
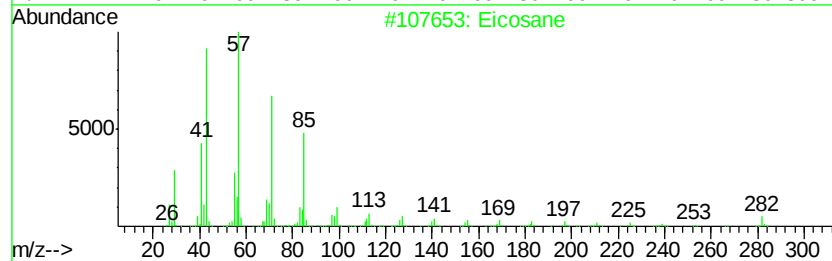
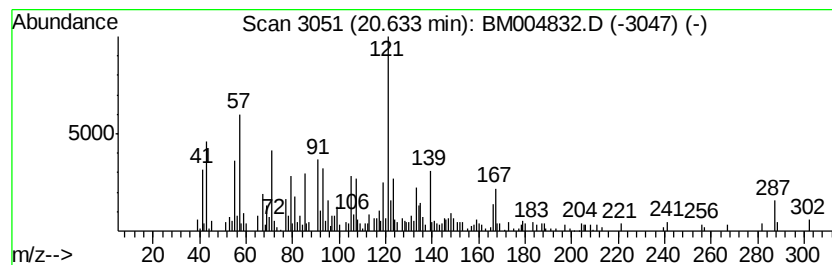
Instrument :
BNA_M
ClientSampleId :
D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	2.72 ng/ul	184598	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 45
2	Eicosane		282 C20H42	000112-95-8 25
3	Benzenamine, 3,4-dimethyl-		121 C8H11N	000095-64-7 18
4	Benzenamine, 2,4-dimethyl-		121 C8H11N	000095-68-1 18
5	Benzeneacetic acid, 3-methoxy-		166 C9H10O3	001798-09-0 18



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

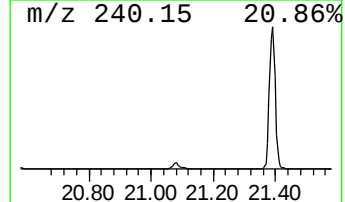
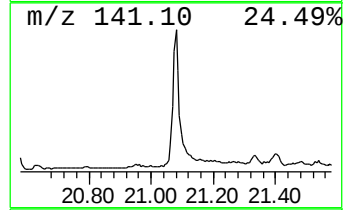
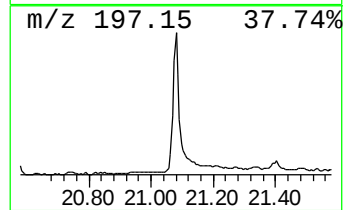
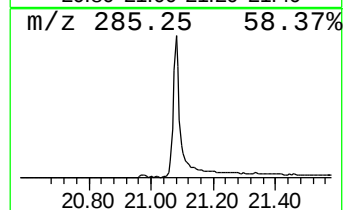
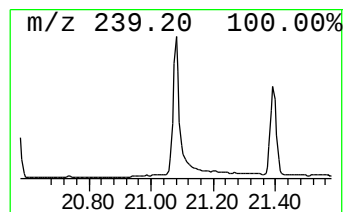
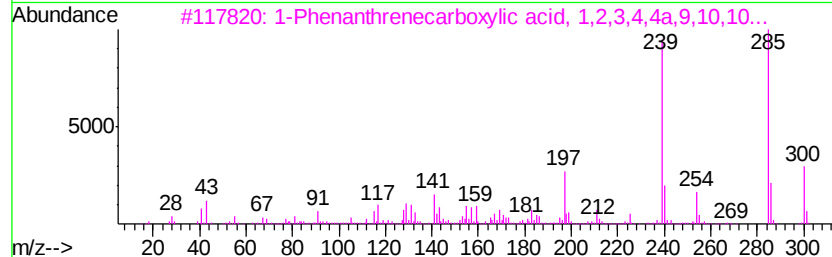
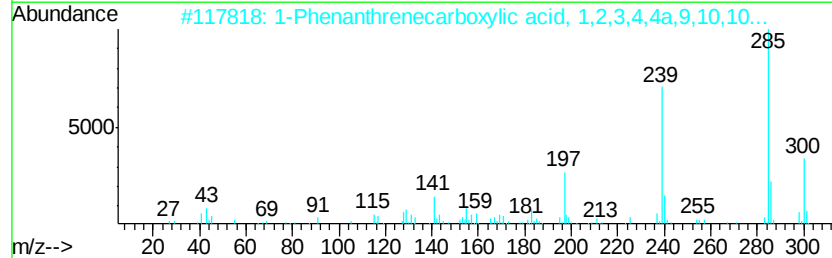
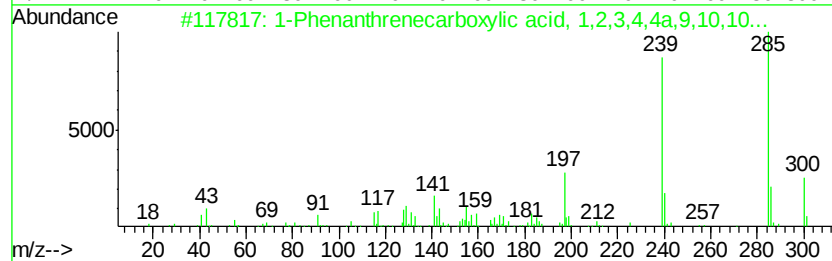
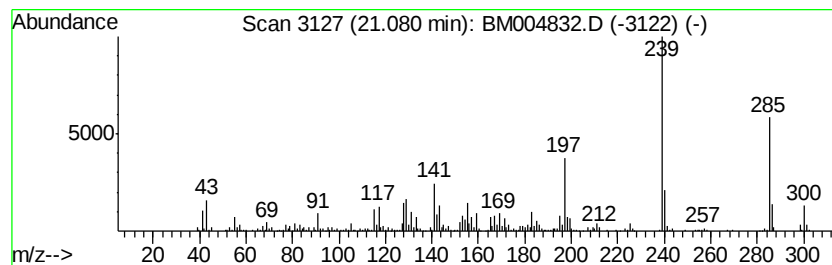
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 1-Phenanthrenecarboxylic ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	15.31 ng/ul	1040420	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	99
2		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	94
3		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	91
4		1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	74
5		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	74



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

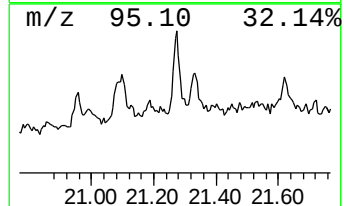
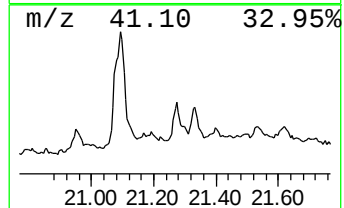
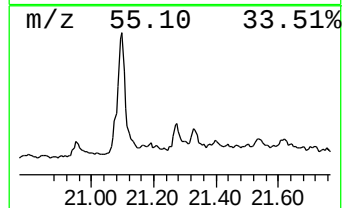
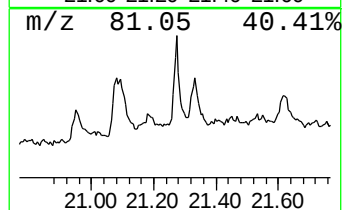
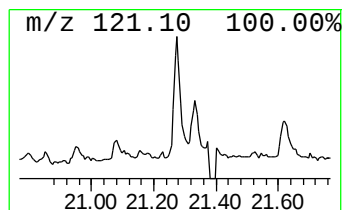
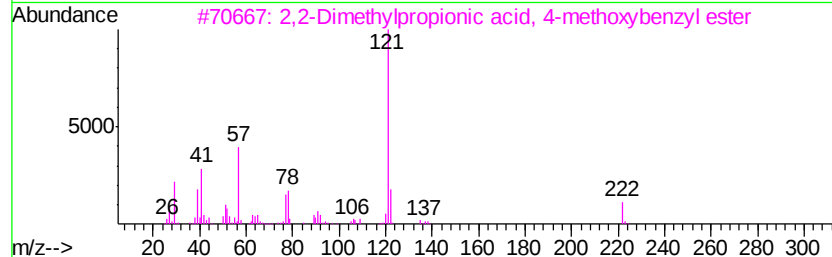
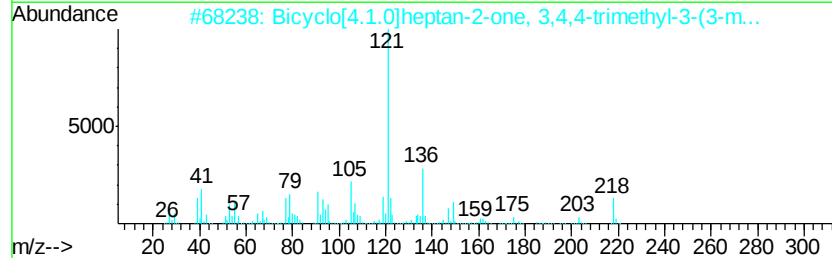
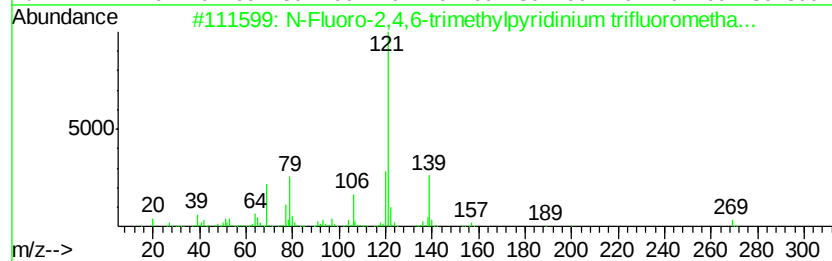
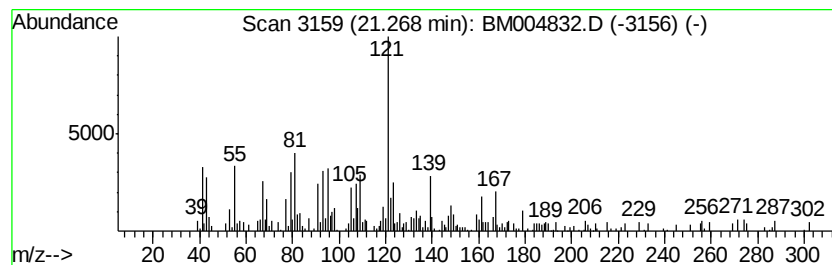
Instrument :
BNA_M
ClientSampleId :
D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.37 ng/ul	161373	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		N-Fluoro-2,4,6-trimethylpyridini...	289 C9H11F4N03S	107264-00-6 35
2		Bicyclo[4.1.0]heptan-2-one, 3,4,...	218 C15H22O	102146-81-6 35
3		2,2-Dimethylpropionic acid, 4-me...	222 C13H18O3	155819-98-0 30
4		Iron, (.eta.5-2,4-cyclopentadien...	187 C9H9FeN	011077-12-6 30
5		Pyridine, 2,4,6-trimethyl-	121 C8H11N	000108-75-8 27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

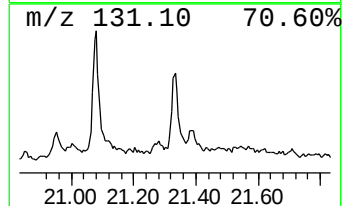
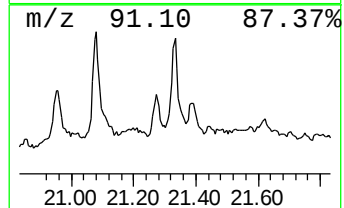
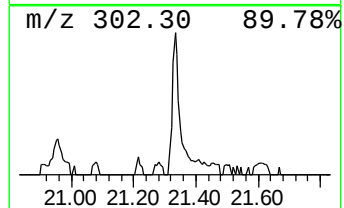
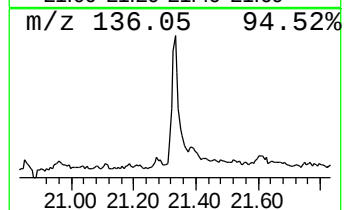
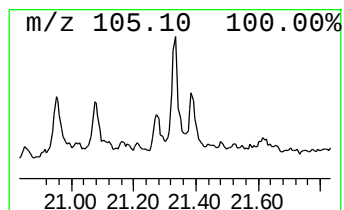
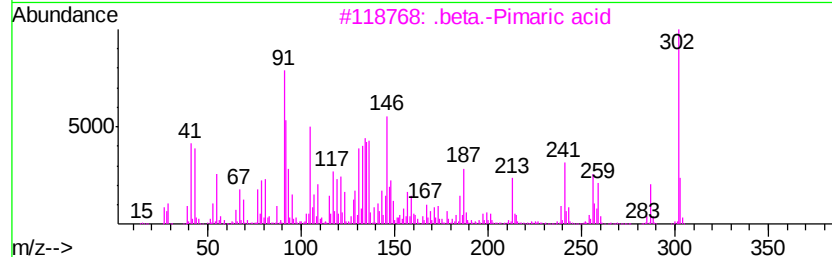
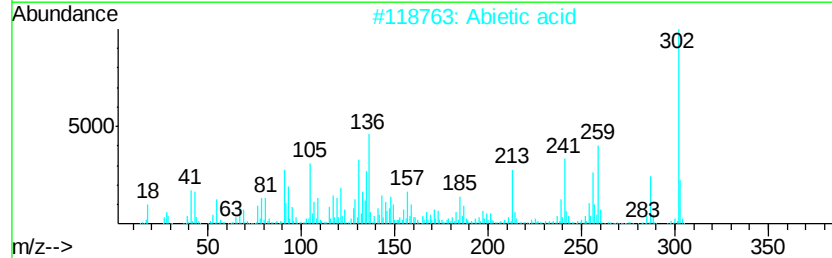
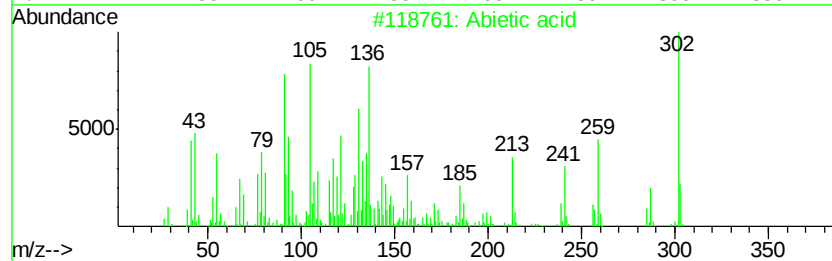
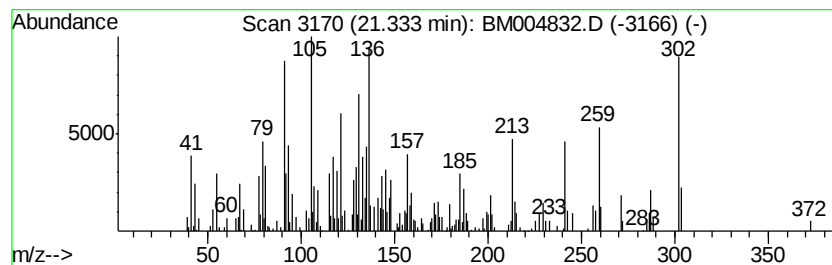
Instrument :
BNA_M
ClientSampleId :
D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Abietic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.33	3.39 ng/ul	230478	Chrysene-d12		21.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Abietic acid	302	C20H30O2	000514-10-3	99
2		Abietic acid	302	C20H30O2	000514-10-3	94
3		.beta.-Pimaric acid	302	C20H30O2	000079-54-9	49
4		Palustric acid	302	C20H30O2	001945-53-5	46
5		2,5-Dimethylanisole	136	C9H12O	001706-11-2	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

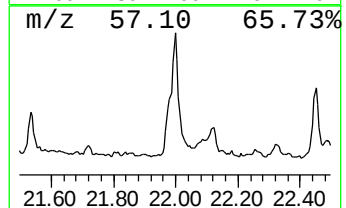
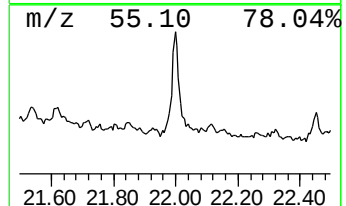
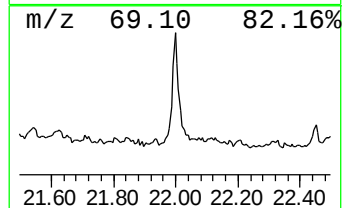
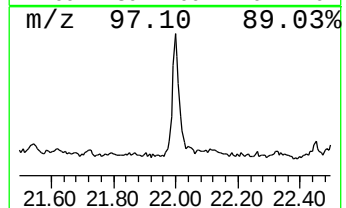
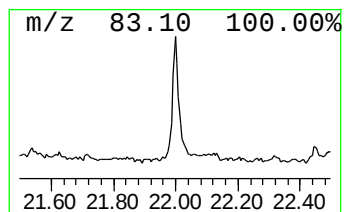
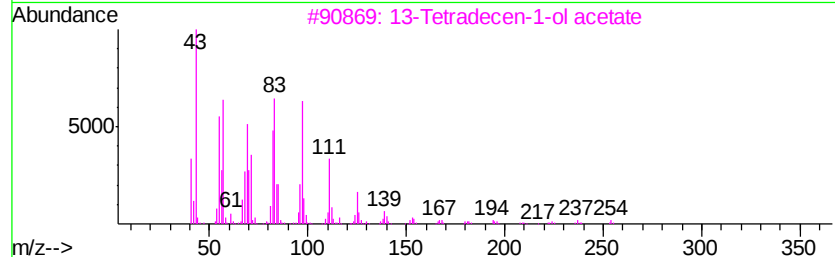
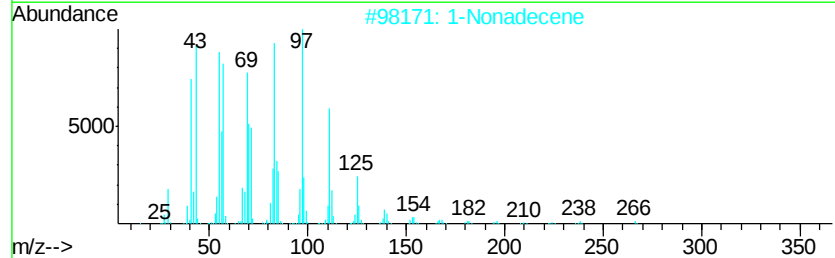
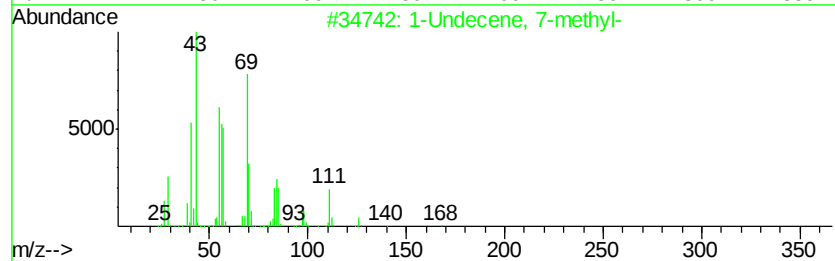
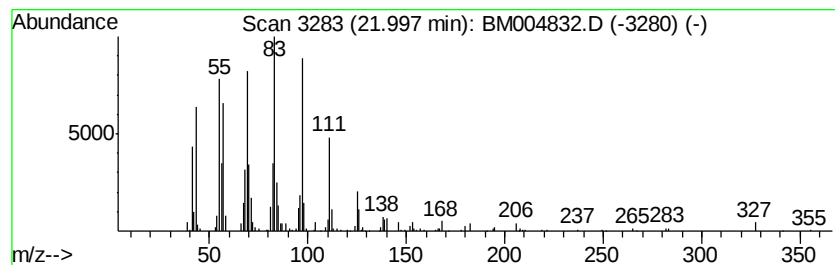
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic22.00 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.24 ng/ul	151927	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	55
2			1-Nonadecene	266	C19H38	018435-45-5	52
3			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	52
4			1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	47
5			3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

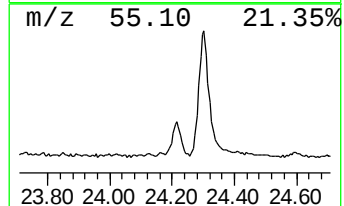
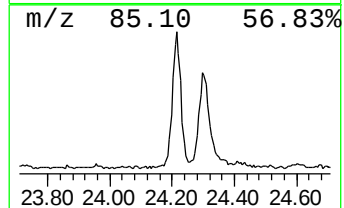
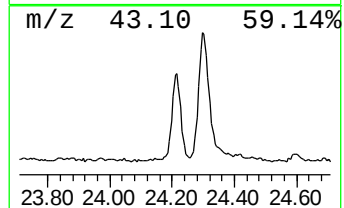
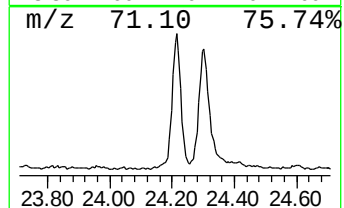
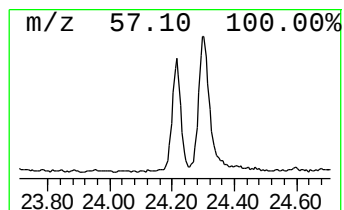
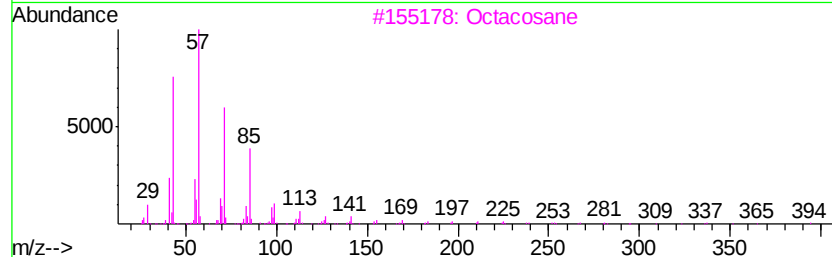
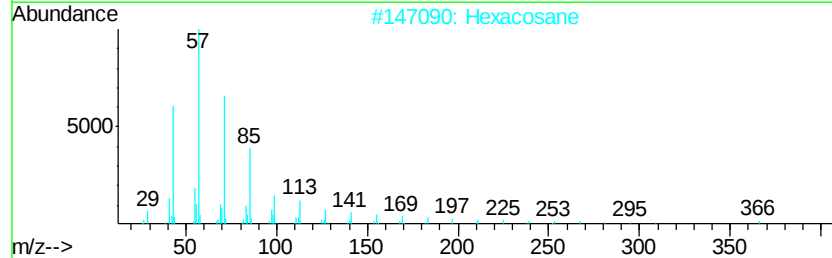
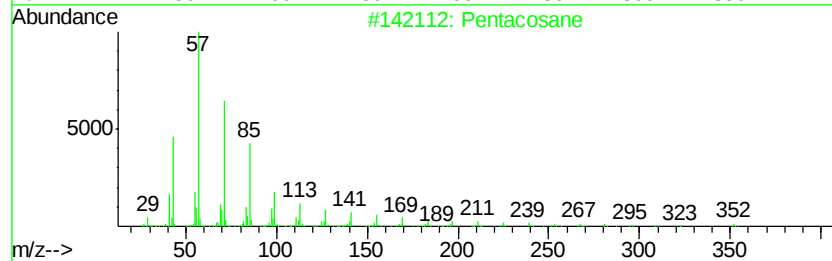
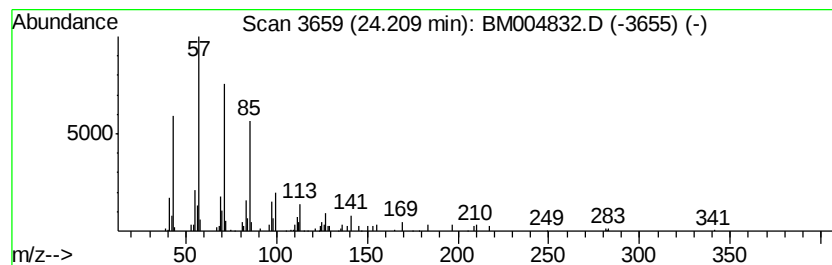
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.78 ng/ul	162187	Perylene-d12	23.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			triacontane	422	C30H62	000638-68-6	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

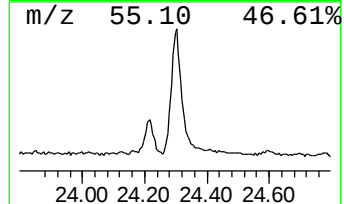
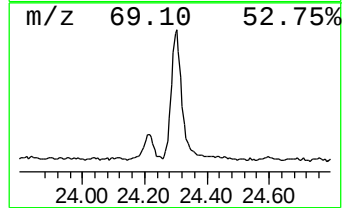
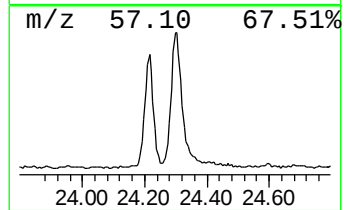
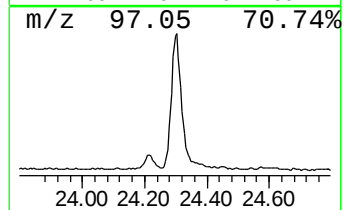
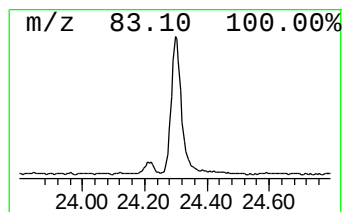
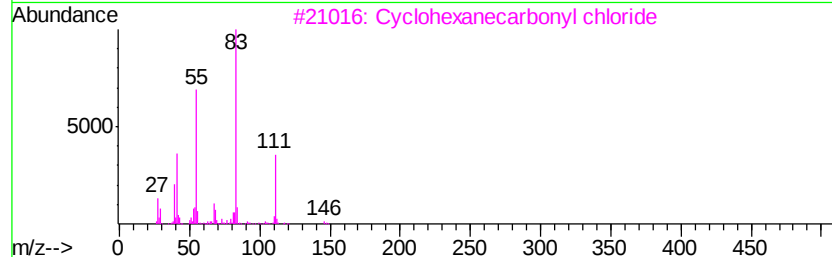
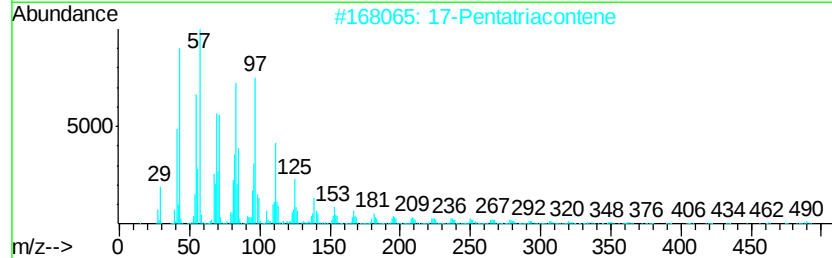
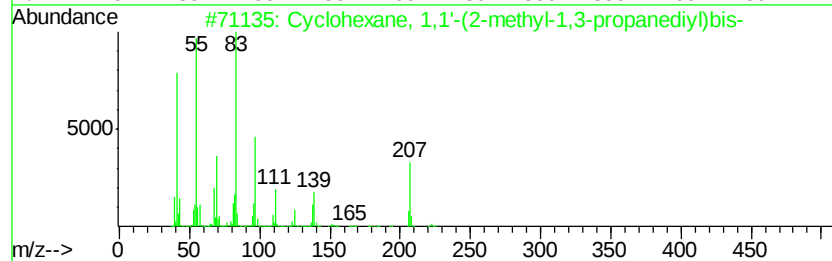
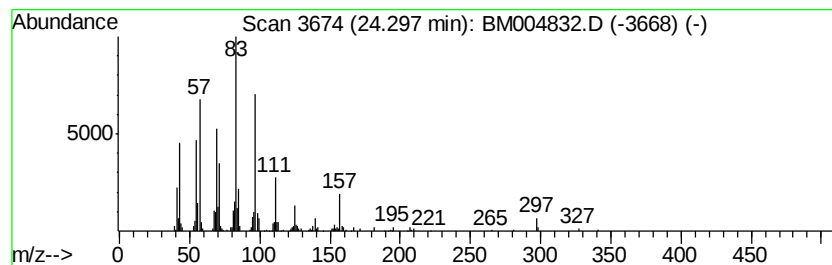
Instrument :
BNA_M
ClientSampleId :
D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Branched24.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.30	7.97 ng/ul	465357	Perylene-d12	23.69		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	47
2		17-Pentatriacontene	491	C35H70	006971-40-0	41
3		Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	35
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	35
5		Cyclohexanecarboxylic acid, ethe...	154	C9H14O2	004840-76-0	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

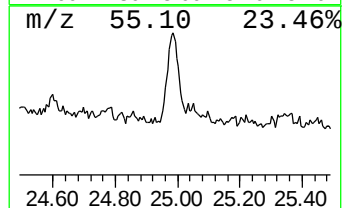
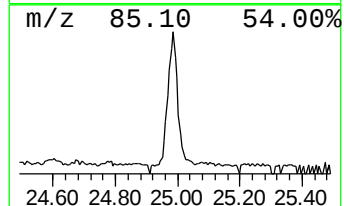
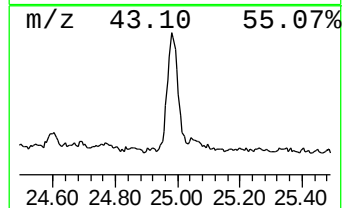
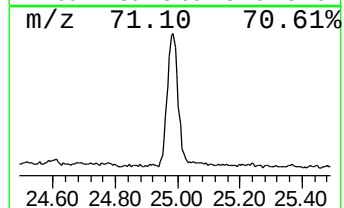
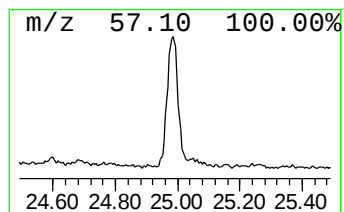
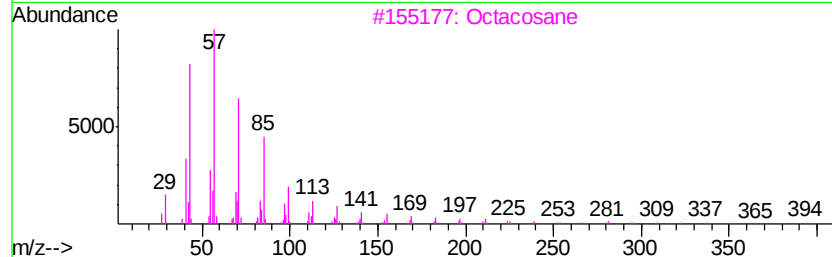
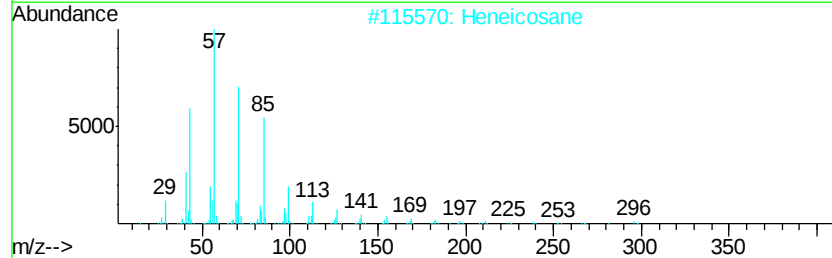
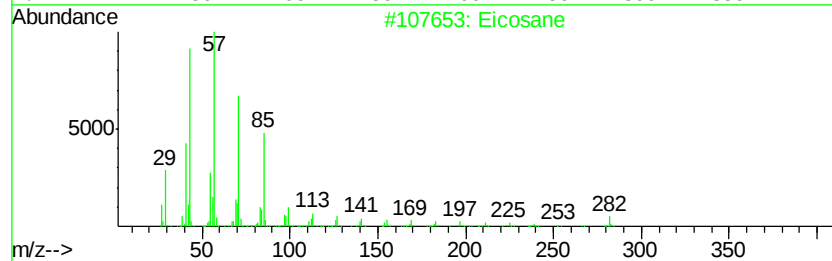
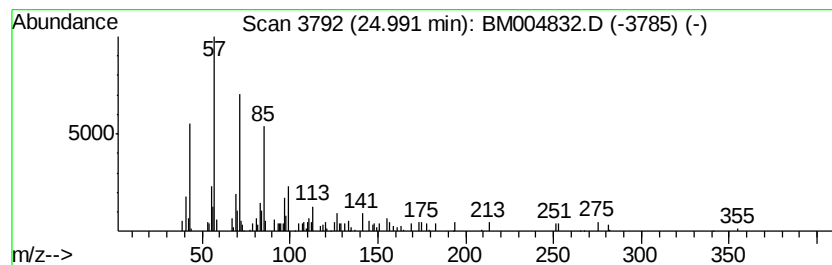
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.99	2.16 ng/ul	126336	Perylene-d12	23.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	94
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

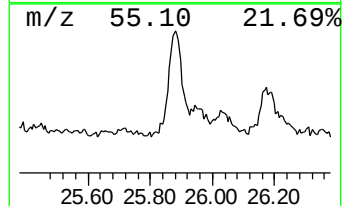
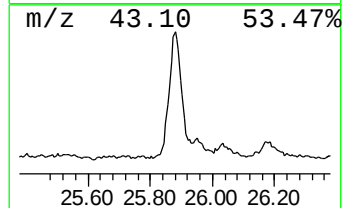
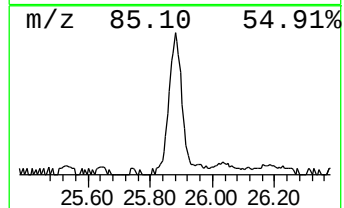
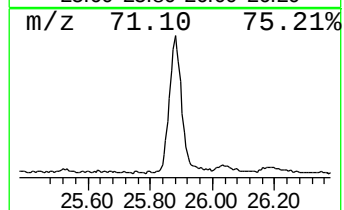
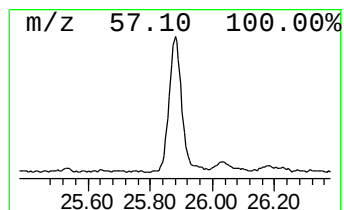
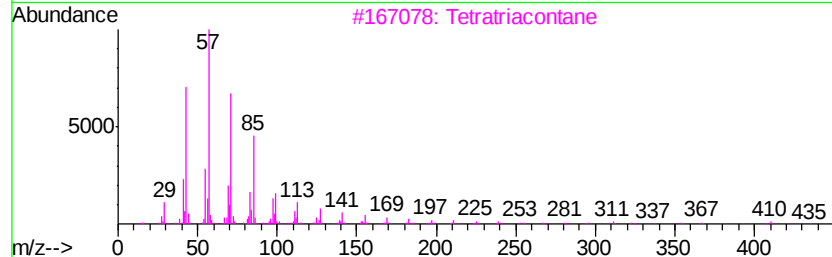
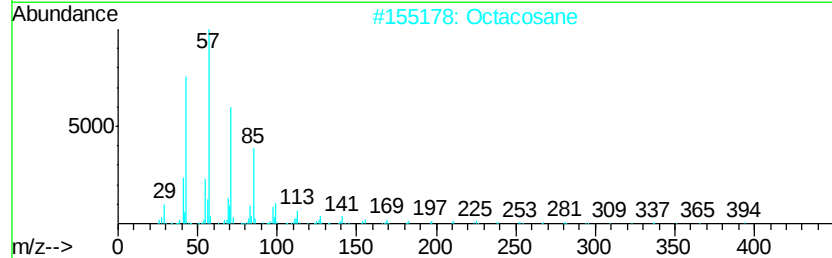
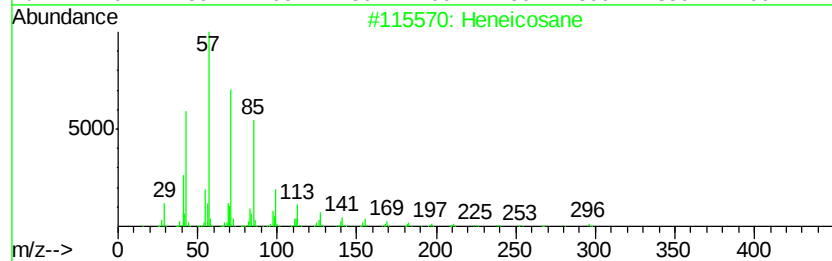
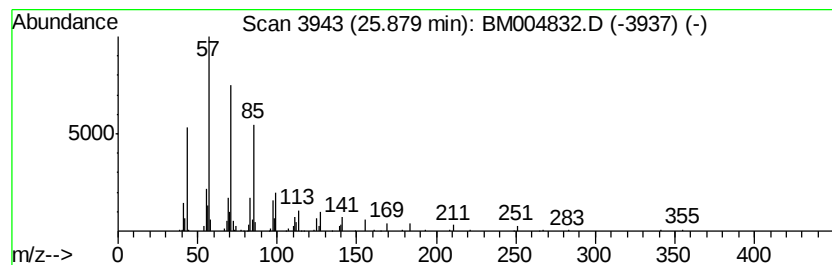
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	2.59 ng/ul	151351	Perylene-d12	23.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetratriacontane	479	C34H70	014167-59-0	91
4			Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9SG9

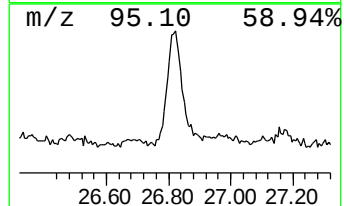
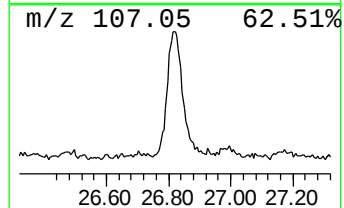
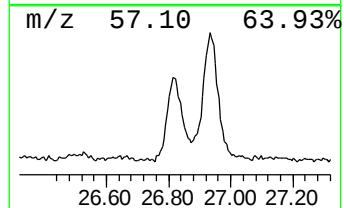
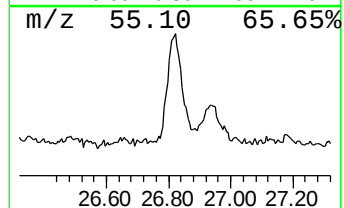
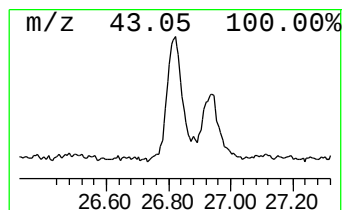
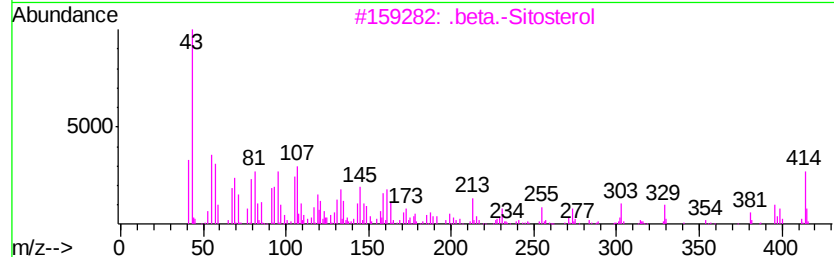
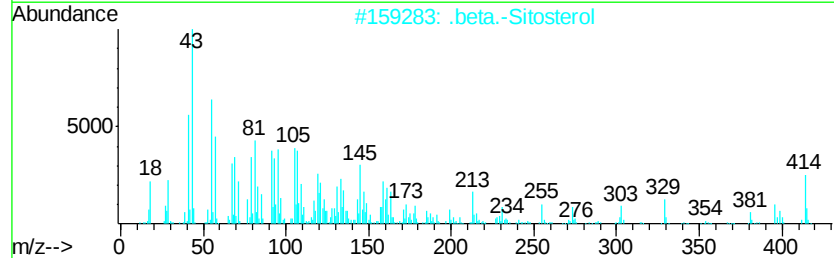
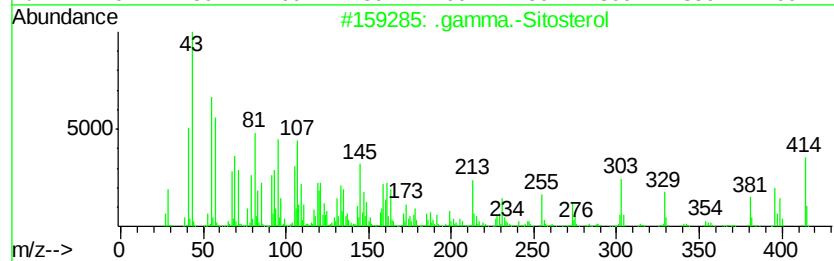
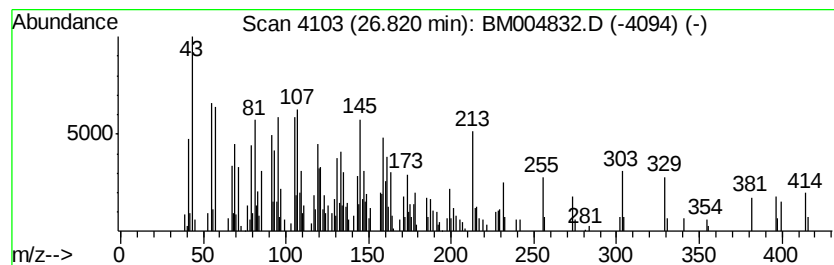
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.82	7.17 ng/ul	418980	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	97
4		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	89
5		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
D9SG9

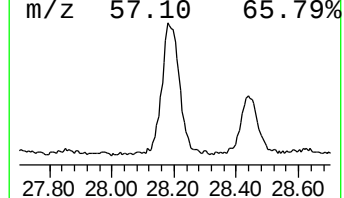
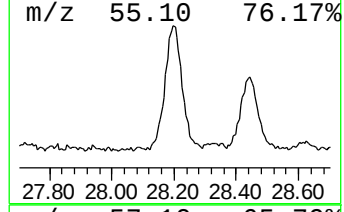
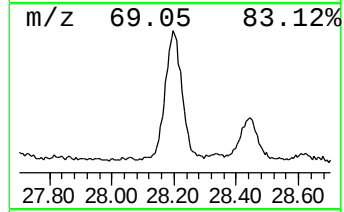
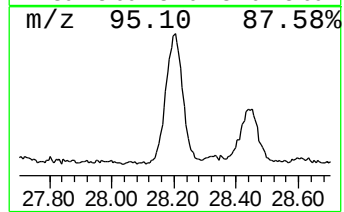
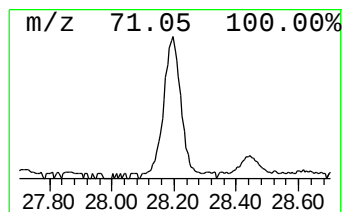
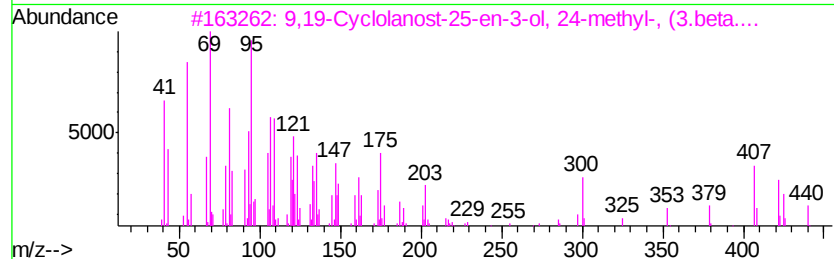
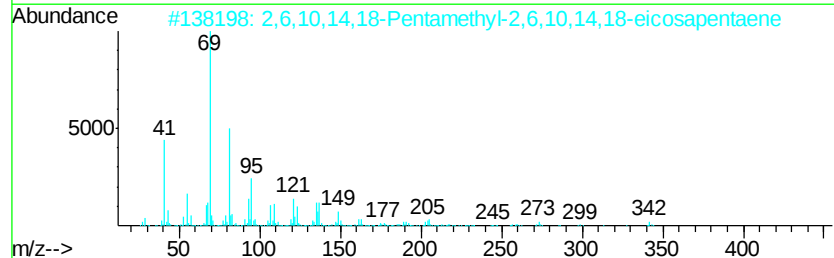
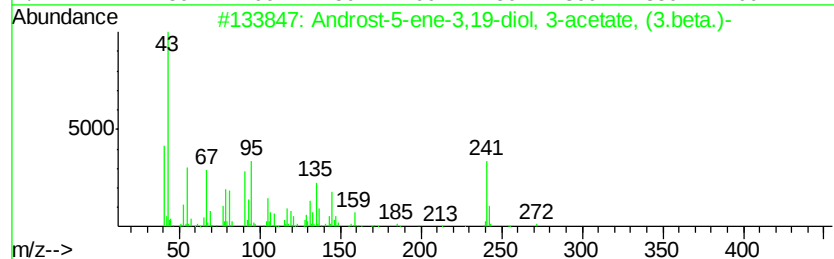
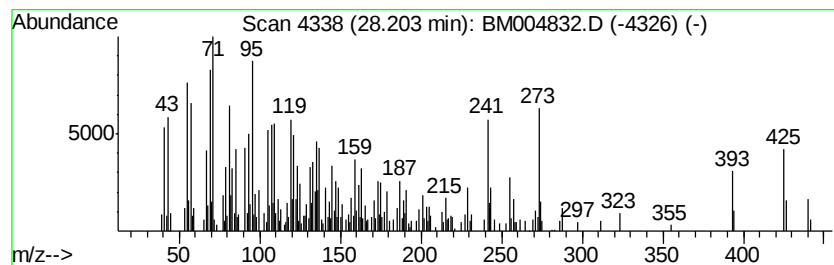
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.20	13.65 ng/ul	797034	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-5-ene-3,19-diol, 3-aceta...	332	C21H32O3	055320-48-4	43
2		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	38
3		9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	38
4		9-Thiabicyclo[3.3.1]nonane, 2,6-...	274	C14H18N4S	1000141-52-1	35
5		1,6,10,14,18,22-Tetracosahexaen-...	426	C30H50O	054159-46-5	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
Data File : BM004832.D
Acq On : 29 Mar 2016 22:15
Operator : UM/SJ
Sample : H1939-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

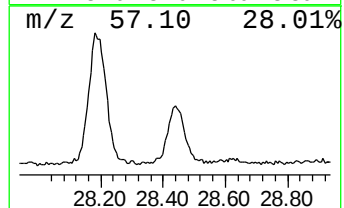
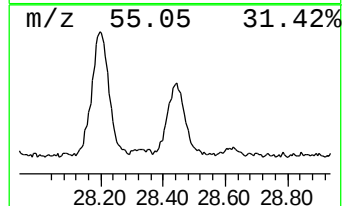
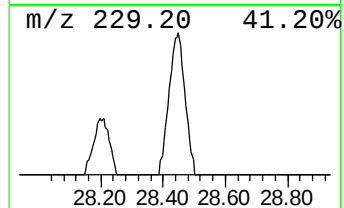
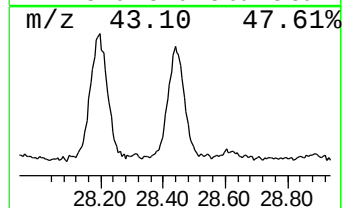
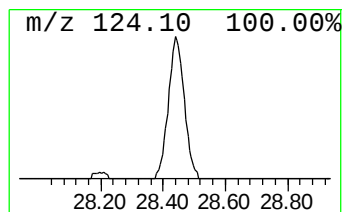
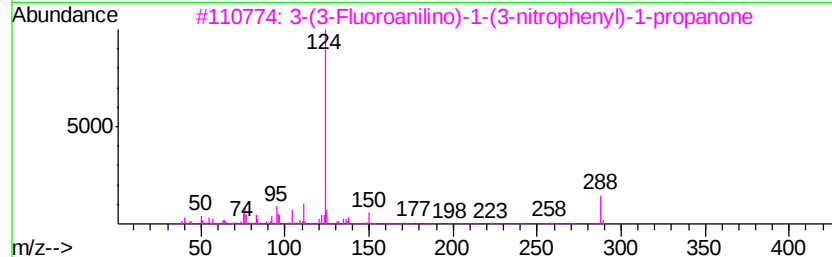
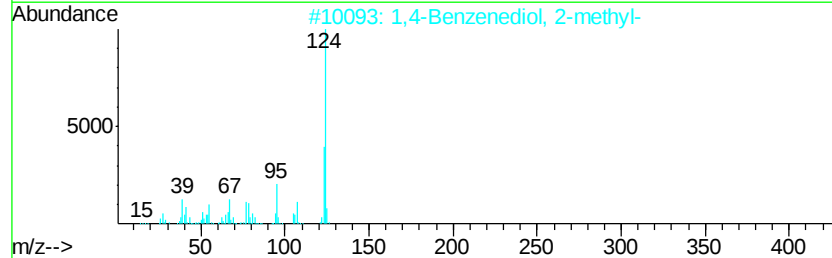
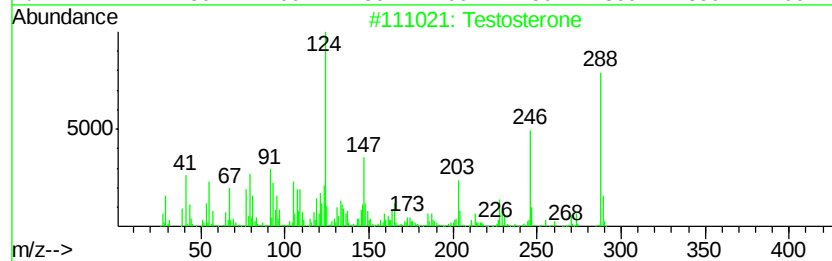
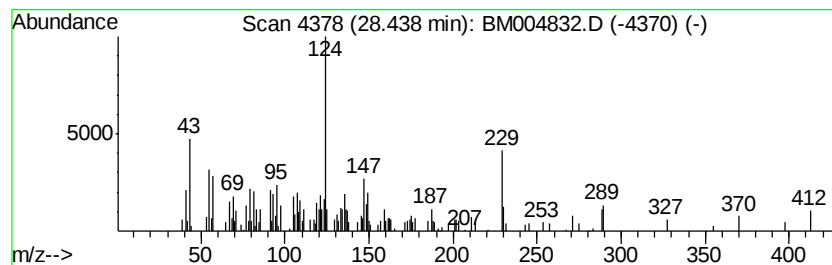
Instrument :
BNA_M
ClientSampleId :
D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Testosterone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.44	6.69 ng/ul	390816	Perylene-d12	23.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Testosterone		288 C19H28O2	000058-22-0 64
2	1,4-Benzenediol, 2-methyl-		124 C7H8O2	000095-71-6 38
3	3-(3-Fluoroanilino)-1-(3-nitroph...		288 C15H13FN2O3	300726-64-1 38
4	2,4-Diaminophenol		124 C6H8N2O	000095-86-3 38
5	2,4-Diaminophenol		124 C6H8N2O	000095-86-3 38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
 Data File : BM004832.D
 Acq On : 29 Mar 2016 22:15
 Operator : UM/SJ
 Sample : H1939-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SG9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.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
1R-.alpha.-Pinene	6.52	24.4	ng/ul	382462	1	7.83	314088	20.0
Camphene	6.82	2.5	ng/ul	38410	1	7.83	314088	20.0
Cyclohexene, 1-me...	8.05	2.7	ng/ul	42964	1	7.83	314088	20.0
n-Hexadecanoic acid	18.09	2.9	ng/ul	143658	4	17.20	998375	20.0
Tetradecanoic acid	19.37	2.5	ng/ul	168338	5	21.39	1359390	20.0
1H-Cycloprop[e]az...	20.04	2.2	ng/ul	147831	5	21.39	1359390	20.0
(DEL) Alkane: Str...	20.63	2.7	ng/ul	184598	5	21.39	1359390	20.0
1-Phenanthrenecar...	21.08	15.3	ng/ul	1040420	5	21.39	1359390	20.0
unknown-01	21.27	2.4	ng/ul	161373	5	21.39	1359390	20.0
Abietic acid	21.33	3.4	ng/ul	230478	5	21.39	1359390	20.0
(DEL) Alkane: Cyc...	22.00	2.2	ng/ul	151927	5	21.39	1359390	20.0
(DEL) Alkane: Str...	24.21	2.8	ng/ul	162187	6	23.69	1168030	20.0
(DEL) Alkane: Bra...	24.30	8.0	ng/ul	465357	6	23.69	1168030	20.0
(DEL) Alkane: Str...	24.99	2.2	ng/ul	126336	6	23.69	1168030	20.0
(DEL) Alkane: Str...	25.88	2.6	ng/ul	151351	6	23.69	1168030	20.0
.gamma.-Sitosterol	26.82	7.2	ng/ul	418980	6	23.69	1168030	20.0
unknown-02	28.20	13.7	ng/ul	797034	6	23.69	1168030	20.0
Testosterone	28.44	6.7	ng/ul	390816	6	23.69	1168030	20.0