

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
 Data File : BM009012.D
 Acq On : 24 Feb 2017 11:37
 Operator : SJ/MA
 Sample : I1940-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABP4

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-BM022317.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.364	43	47	54	rBV	44782	61182	1.22%	0.056%
2	6.087	506	510	516	rBV2	34884	63716	1.27%	0.058%
3	7.046	666	673	687	rVB2	2203423	3658313	72.85%	3.358%
4	7.228	698	704	716	rVB	635745	989903	19.71%	0.909%
5	7.428	731	738	752	rVB2	840547	1560186	31.07%	1.432%
6	7.899	808	818	824	rBV	854648	1382499	27.53%	1.269%
7	8.593	929	936	943	rBV	1036851	1640046	32.66%	1.506%
8	8.651	943	946	953	rVB5	36767	61412	1.22%	0.056%
9	9.063	1007	1016	1029	rBV	831240	1440878	28.69%	1.323%
10	9.434	1074	1079	1084	rVB2	41768	63091	1.26%	0.058%
11	9.787	1127	1139	1140	rBV2	689414	1010796	20.13%	0.928%
12	9.816	1140	1144	1156	rVB	1170050	2033305	40.49%	1.867%
13	10.310	1221	1228	1240	rBV	999570	1681954	33.49%	1.544%
14	10.698	1288	1294	1299	rVV	1069550	1806394	35.97%	1.658%
15	10.751	1299	1303	1311	rVV	399787	660950	13.16%	0.607%
16	10.839	1311	1318	1330	rVB	941342	1609865	32.06%	1.478%
17	11.022	1342	1349	1356	rBV2	857024	1365842	27.20%	1.254%
18	11.969	1504	1510	1522	rVB	668323	1023447	20.38%	0.940%
19	12.581	1606	1614	1621	rBV	943921	1518189	30.23%	1.394%
20	12.722	1632	1638	1644	rBV	449380	677815	13.50%	0.622%
21	12.963	1672	1679	1684	rBV	854117	1227649	24.45%	1.127%
22	13.016	1684	1688	1695	rVB4	52761	99133	1.97%	0.091%
23	13.369	1738	1748	1755	rBV	1883021	2799823	55.76%	2.570%
24	13.945	1836	1846	1850	rBV	1766541	2535299	50.49%	2.327%
25	13.992	1850	1854	1860	rVB	1853542	2432439	48.44%	2.233%
26	14.116	1869	1875	1881	rVB	820898	1058778	21.08%	0.972%
27	14.233	1888	1895	1903	rVB	1897103	2793470	55.63%	2.564%
28	14.416	1921	1926	1930	rBV	52056	67070	1.34%	0.062%
29	14.539	1939	1947	1954	rVB2	1528216	2333339	46.47%	2.142%
30	14.739	1970	1981	1990	rBV3	2037362	3795724	75.59%	3.485%
31	14.933	2007	2014	2024	rVB	779055	1171585	23.33%	1.076%
32	15.363	2083	2087	2093	rVB	135726	180904	3.60%	0.166%
33	15.527	2109	2115	2121	rBV	2458183	3582110	71.33%	3.288%
34	15.651	2129	2136	2147	rBV3	1229724	2253881	44.88%	2.069%

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
 Data File : BM009012.D
 Acq On : 24 Feb 2017 11:37
 Operator : SJ/MA
 Sample : I1940-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DABP4

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-BM022317.M
 Title : SVOA CALIBRATION

35	15.792	2149	2160	2167	rVB4	97052	254301	5.06%	0.233%
36	16.227	2230	2234	2241	rVB	148403	238093	4.74%	0.219%
37	16.421	2263	2267	2274	rVB5	32445	50533	1.01%	0.046%
38	16.580	2289	2294	2300	rVB	615811	884782	17.62%	0.812%
39	16.927	2347	2353	2362	rBV2	986851	1412468	28.13%	1.297%
40	17.021	2364	2369	2372	rVV	142066	178495	3.55%	0.164%
41	17.069	2372	2377	2381	rVV5	49052	66137	1.32%	0.061%
42	17.286	2404	2414	2417	rBV	1973352	2898364	57.72%	2.661%
43	17.327	2417	2421	2426	rVV	2697220	3776324	75.20%	3.467%
44	17.380	2426	2430	2434	rVV2	2739154	4208111	83.80%	3.863%
45	17.416	2434	2436	2445	rVB	1135763	1424167	28.36%	1.307%
46	17.616	2465	2470	2476	rBV5	77030	111945	2.23%	0.103%
47	17.757	2490	2494	2498	rBV	93500	109444	2.18%	0.100%
48	18.110	2549	2554	2557	rBV3	130128	171510	3.42%	0.157%
49	18.151	2557	2561	2566	rVV2	238726	305224	6.08%	0.280%
50	18.239	2571	2576	2584	rVB	1543890	1922239	38.28%	1.765%
51	18.374	2594	2599	2604	rVB10	30505	55160	1.10%	0.051%
52	18.698	2649	2654	2659	rBV6	38853	63416	1.26%	0.058%
53	19.239	2743	2746	2750	rVB5	50817	58433	1.16%	0.054%
54	19.339	2751	2763	2771	rVV	2590593	3531536	70.33%	3.242%
55	19.427	2773	2778	2783	rBV5	98882	139483	2.78%	0.128%
56	19.674	2814	2820	2822	rBV	3536863	5021631	100.00%	4.610%
57	19.704	2822	2825	2832	rVB	2762729	3594300	71.58%	3.300%
58	21.139	3065	3069	3073	rBV	422196	485073	9.66%	0.445%
59	21.351	3100	3105	3110	rBV	3161632	3248814	64.70%	2.982%
60	21.456	3117	3123	3126	rBV	2708698	3653031	72.75%	3.354%
61	21.492	3126	3129	3134	rVB	2816006	3191430	63.55%	2.930%
62	23.650	3489	3496	3500	rBV2	2270086	4413251	87.88%	4.051%
63	23.697	3500	3504	3513	rVB	1521072	2765048	55.06%	2.538%
64	23.803	3515	3522	3532	rVB	1569370	3231201	64.35%	2.966%
65	26.197	3920	3929	3940	rVB2	1647184	4874244	97.06%	4.475%
66	26.962	4051	4059	4068	rBV	780311	1952335	38.88%	1.792%

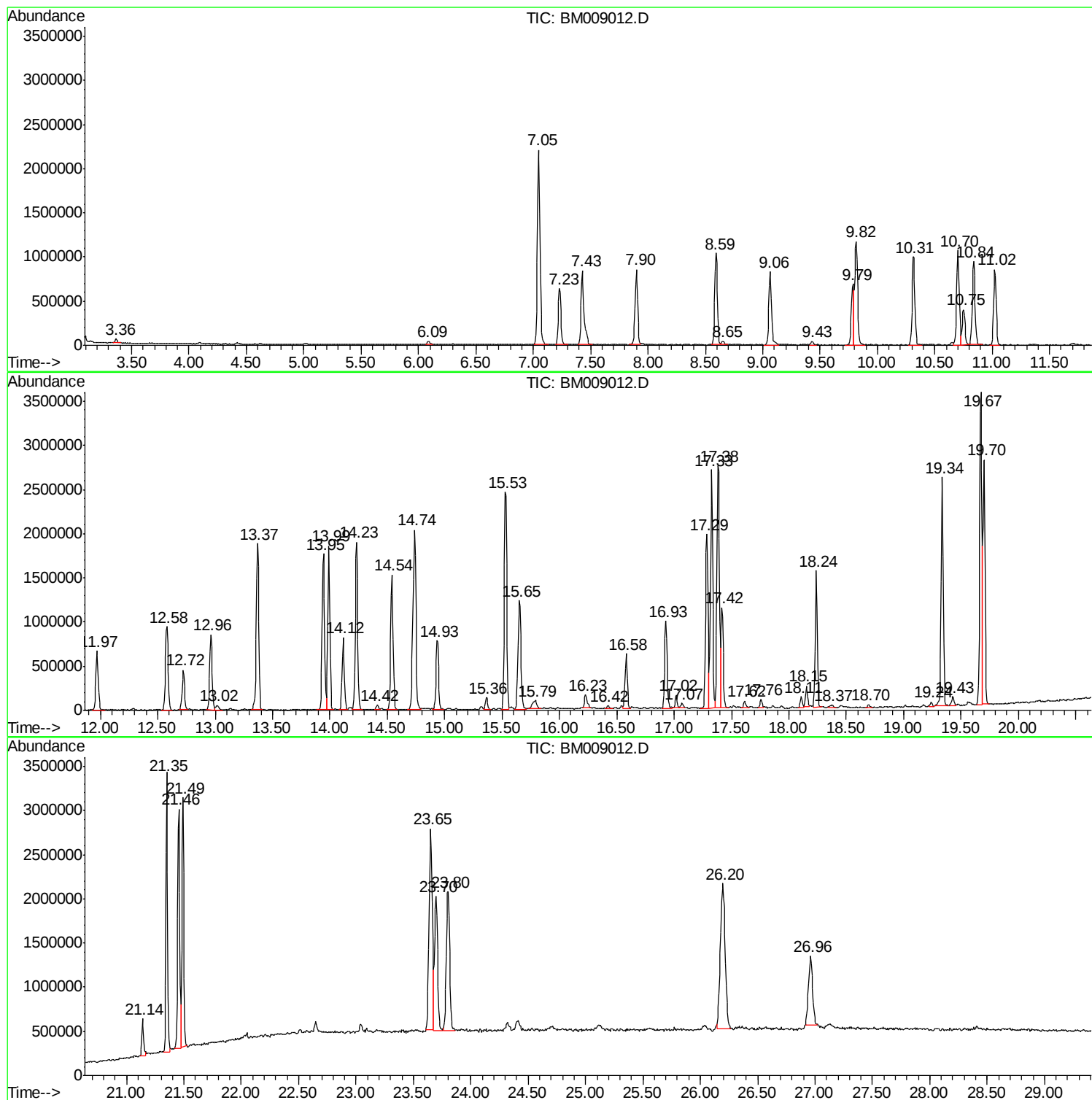
Sum of corrected areas: 108931510

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009012.D
Acq On : 24 Feb 2017 11:37
Operator : SJ/MA
Sample : I1940-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DABP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009012.D
Acq On : 24 Feb 2017 11:37
Operator : SJ/MA
Sample : I1940-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABP4

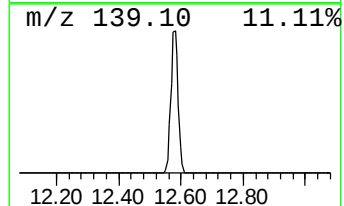
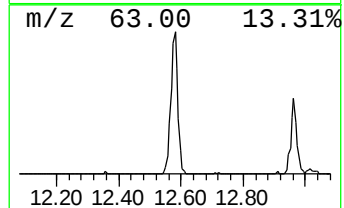
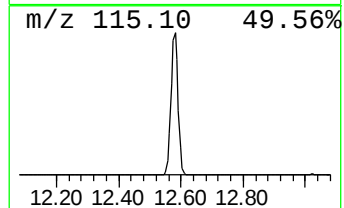
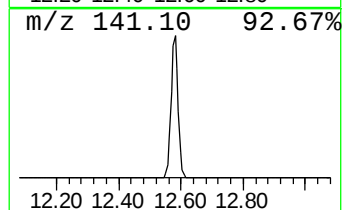
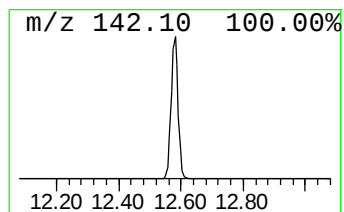
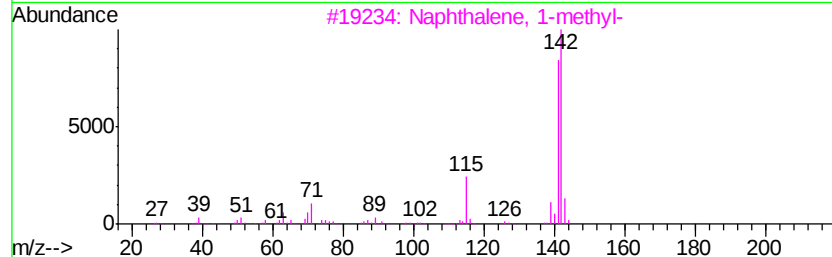
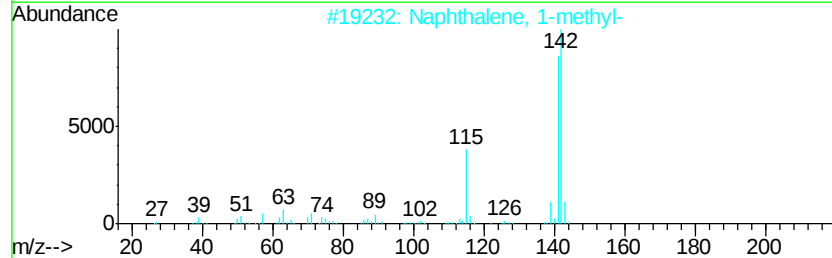
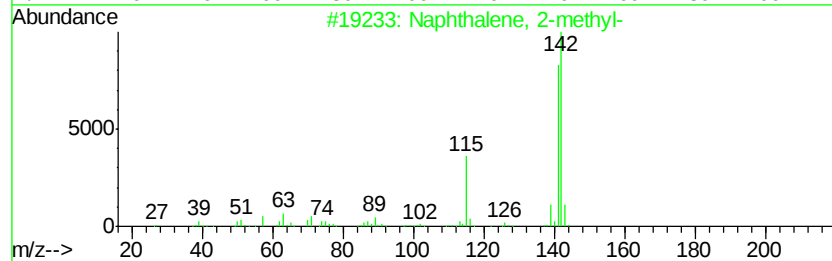
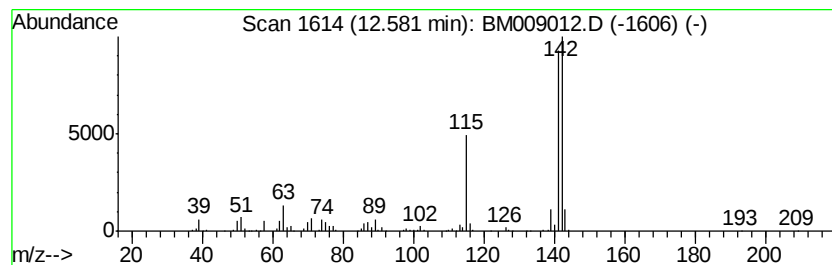
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	16.81 ng/ul	1518190	Naphthalene-d8	10.70

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009012.D
Acq On : 24 Feb 2017 11:37
Operator : SJ/MA
Sample : I1940-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABP4

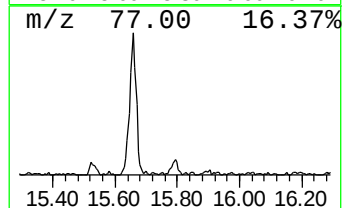
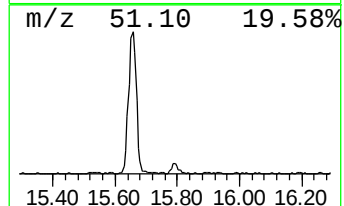
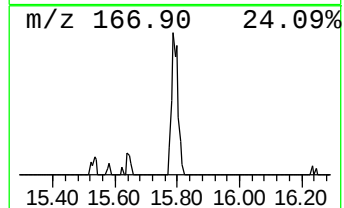
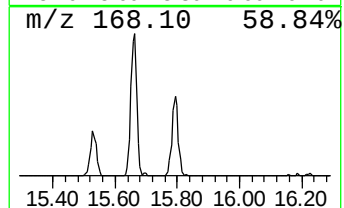
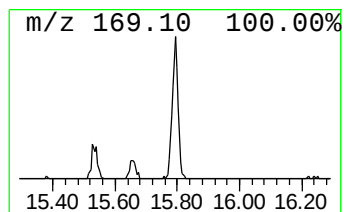
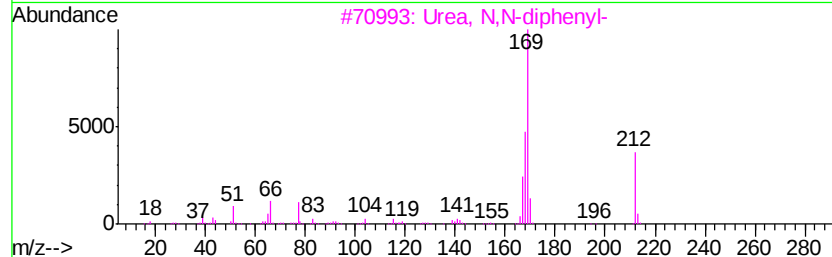
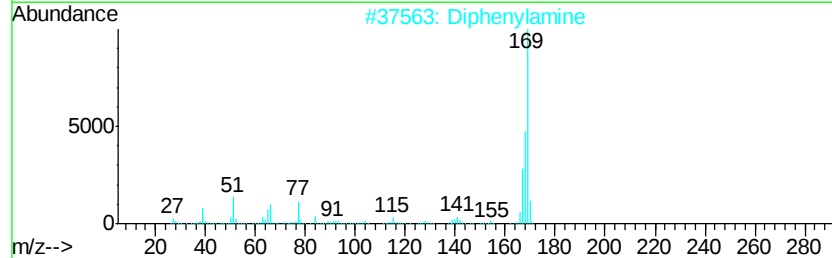
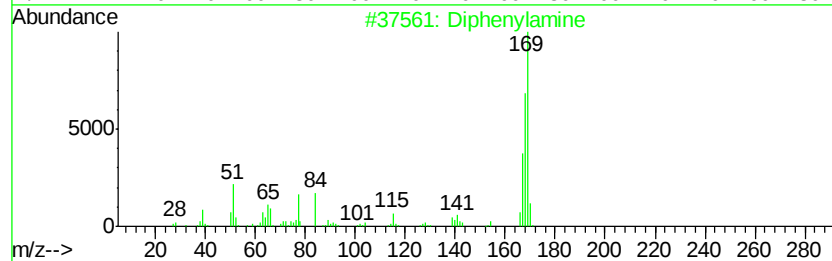
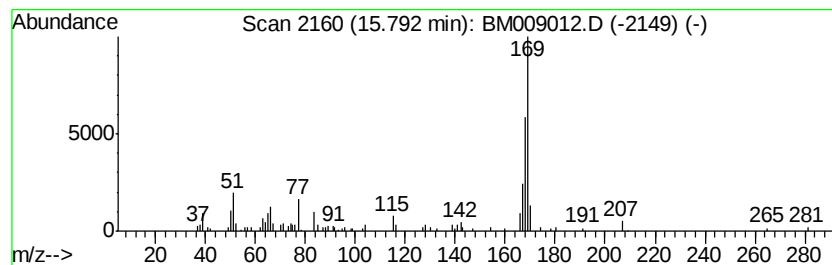
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Diphenylamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.18 ng/ul	254301	Acenaphthene-d10	14.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenylamine	169	C12H11N	000122-39-4	87
2		Diphenylamine	169	C12H11N	000122-39-4	87
3		Urea, N,N-diphenyl-	212	C13H12N2O	000603-54-3	80
4		Diphenylamine	169	C12H11N	000122-39-4	80
5		Hydrazinecarboxamide, N,N-diphenyl-	227	C13H13N3O	000603-51-0	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009012.D
Acq On : 24 Feb 2017 11:37
Operator : SJ/MA
Sample : I1940-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABP4

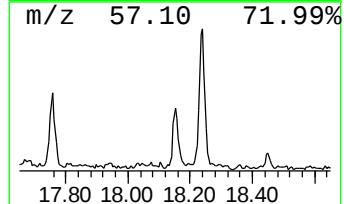
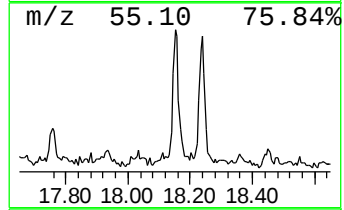
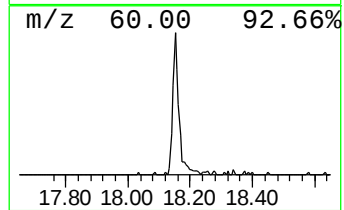
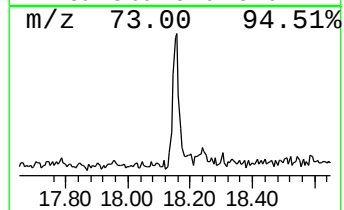
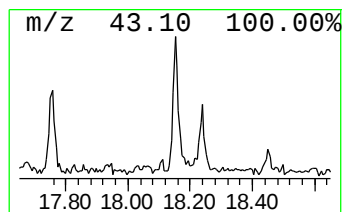
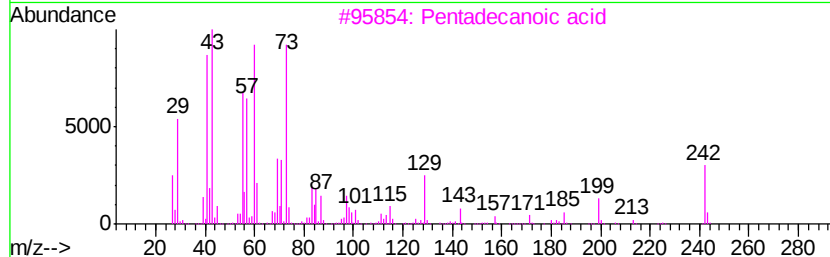
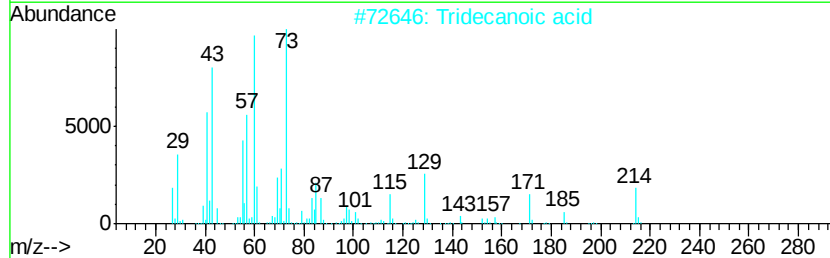
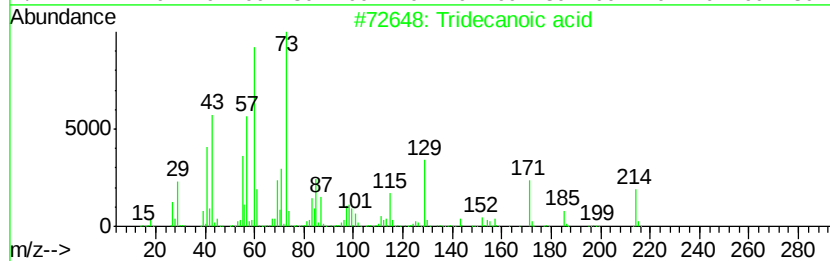
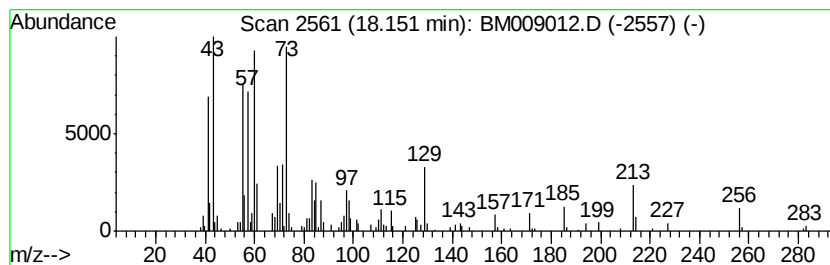
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.11 ng/ul	305224	Phenanthrene-d10	17.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	74
2		Tridecanoic acid	214	C13H26O2	000638-53-9	74
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009012.D
Acq On : 24 Feb 2017 11:37
Operator : SJ/MA
Sample : I1940-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

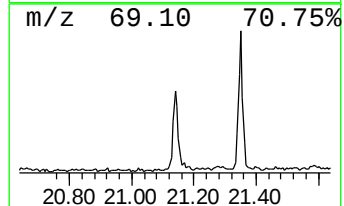
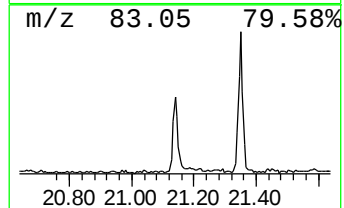
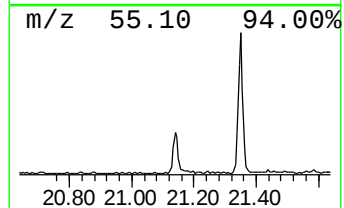
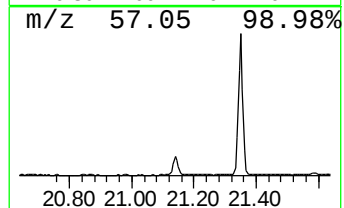
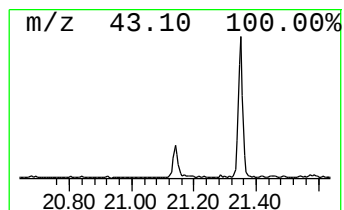
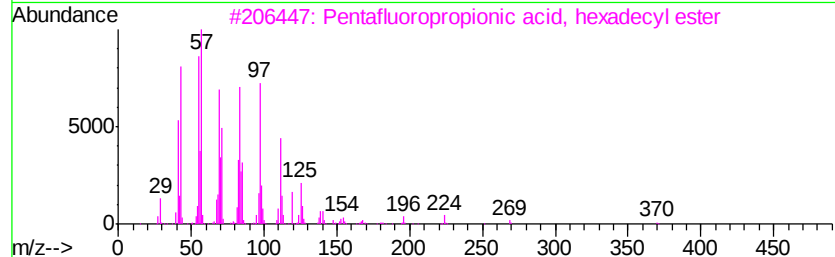
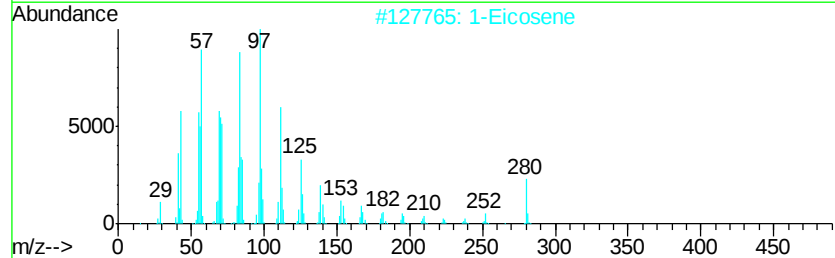
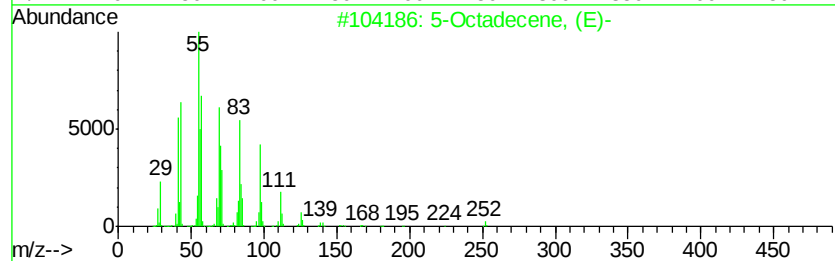
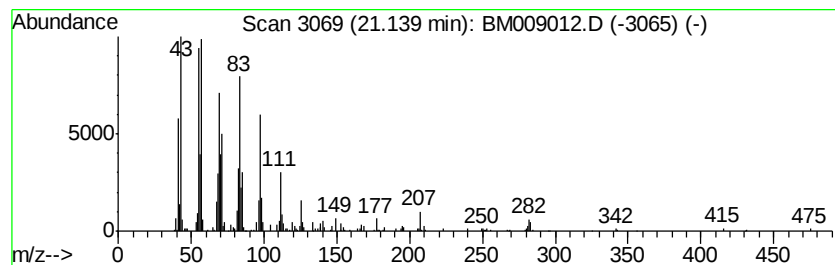
Instrument :
BNA_M
ClientSampleId :
DABP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.14	2.66 ng/ul	485073	Chrysene-d12	21.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	96
2	1-Eicosene	280	C20H40	003452-07-1	95
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009012.D
Acq On : 24 Feb 2017 11:37
Operator : SJ/MA
Sample : I1940-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABP4

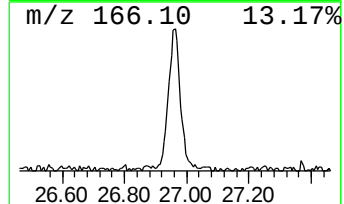
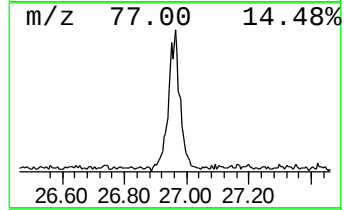
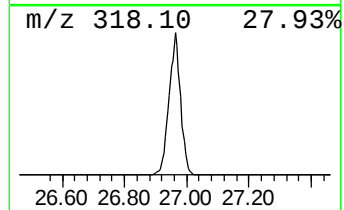
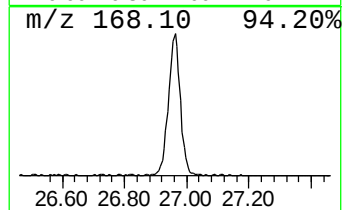
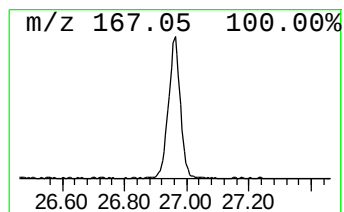
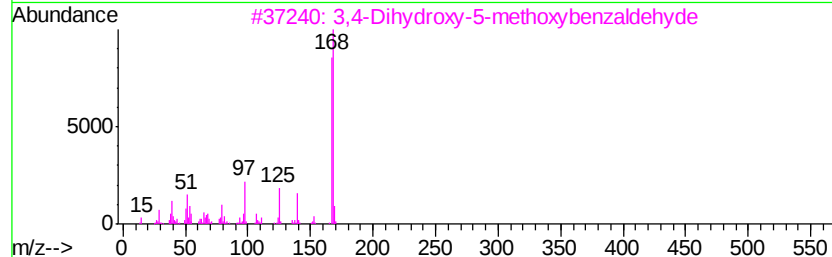
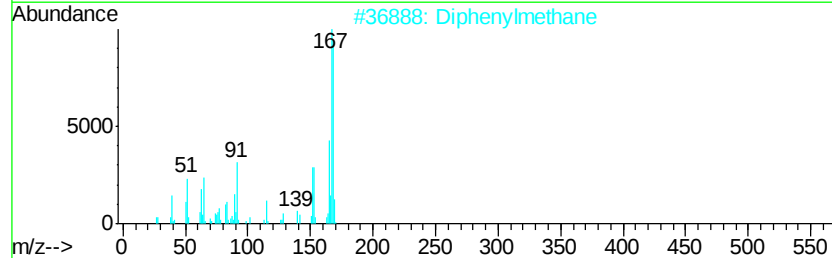
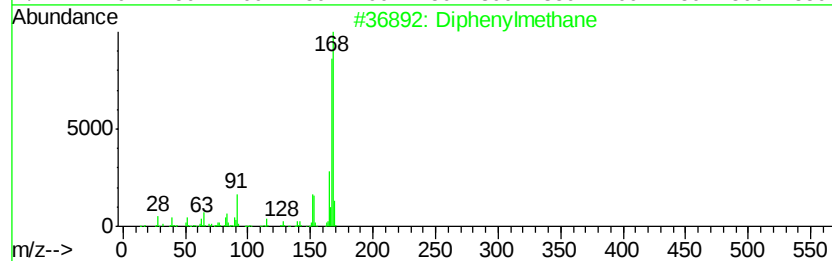
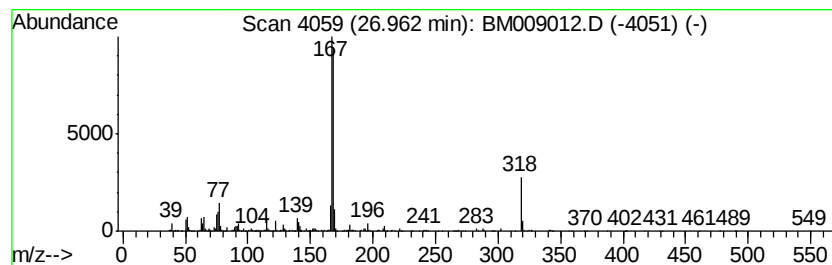
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Diphenylmethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.96	12.08 ng/ul	1952340	Perylene-d12	23.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane		168	C13H12	000101-81-5	72
2	Diphenylmethane		168	C13H12	000101-81-5	64
3	3,4-Dihydroxy-5-methoxybenzaldehyde		168	C8H8O4	003934-87-0	59
4	N-Nitrosodiphenylamine		198	C12H10N2O	000086-30-6	49
5	Diphenylmethane		168	C13H12	000101-81-5	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022417\
Data File : BM009012.D
Acq On : 24 Feb 2017 11:37
Operator : SJ/MA
Sample : I1940-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DABP4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.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
Naphthalene, 1-me...	12.58	16.8	ng/ul	1518190	2	10.70	1806390	20.0
Diphenylamine	15.79	2.2	ng/ul	254301	3	14.54	2333340	20.0
Tridecanoic acid	18.15	2.1	ng/ul	305224	4	17.29	2898360	20.0
(DEL) Alkane: Cyc...	21.14	2.7	ng/ul	485073	5	21.46	3653030	20.0
Diphenylmethane	26.96	12.1	ng/ul	1952340	6	23.80	3231200	20.0