

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062216\
 Data File : BM005928.D
 Acq On : 23 Jun 2016 13:44
 Operator : UM/SJ
 Sample : H3612-01
 Misc :
 ALS Vial : 25 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-BM062216.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	2.857	40	46	56	rBV	597650	1092103	15.59%	1.029%
2	6.834	715	722	736	rBV	827666	1407566	20.09%	1.326%
3	7.004	743	751	760	rBV	647476	1043987	14.90%	0.984%
4	7.092	760	766	777	rVV	925882	1430336	20.42%	1.348%
5	7.192	777	783	798	rVB	819799	1558988	22.25%	1.469%
6	7.663	852	863	871	rBV	723127	1182729	16.88%	1.114%
7	8.198	943	954	959	rBV2	561104	1390424	19.85%	1.310%
8	8.245	959	962	971	rVB	68368	109547	1.56%	0.103%
9	8.363	973	982	992	rBV	1023113	1680586	23.99%	1.584%
10	8.463	992	999	1008	rBV	417953	659192	9.41%	0.621%
11	8.733	1038	1045	1052	rBV	453024	724834	10.35%	0.683%
12	8.816	1052	1059	1070	rVB	793828	1352658	19.31%	1.275%
13	9.375	1146	1154	1162	rBV	332943	545395	7.79%	0.514%
14	9.533	1172	1181	1194	rVB	530191	921632	13.16%	0.868%
15	9.863	1230	1237	1252	rBV	1105871	1901179	27.14%	1.791%
16	10.063	1264	1271	1286	rBV2	1028647	2488709	35.53%	2.345%
17	10.445	1325	1336	1340	rBV	966683	1706935	24.37%	1.608%
18	10.492	1340	1344	1352	rVV	387493	666496	9.51%	0.628%
19	10.580	1352	1359	1369	rVB	311078	611774	8.73%	0.576%
20	12.333	1650	1657	1668	rVB	893322	1473044	21.03%	1.388%
21	12.474	1673	1681	1693	rVB3	950989	2138824	30.53%	2.015%
22	12.792	1729	1735	1747	rBV	903362	1485533	21.21%	1.400%
23	13.174	1789	1800	1810	rBV	1401047	2357807	33.66%	2.222%
24	13.721	1887	1893	1898	rBV	1220423	1806578	25.79%	1.702%
25	13.768	1898	1901	1910	rVB	263501	401387	5.73%	0.378%
26	13.886	1915	1921	1931	rVB	1018651	1427387	20.38%	1.345%
27	13.998	1931	1940	1952	rBV2	2121783	4070808	58.11%	3.836%
28	14.310	1987	1993	2000	rBV2	1394169	2149934	30.69%	2.026%
29	14.374	2000	2004	2009	rVB	67919	95681	1.37%	0.090%
30	14.504	2020	2026	2040	rBV	740777	1158570	16.54%	1.092%
31	14.674	2047	2055	2058	rBV	447333	693407	9.90%	0.653%
32	14.710	2058	2061	2066	rVV	751267	1058120	15.10%	0.997%
33	14.751	2066	2068	2076	rVV3	50659	75011	1.07%	0.071%
34	15.180	2135	2141	2149	rBV2	100143	155796	2.22%	0.147%

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Sampling : 1
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35	15.304	2156	2162	2167	rBV	2598032	4003657	57.15%	3.772%
36	15.362	2167	2172	2178	rVV	2926282	4213653	60.15%	3.970%
37	15.421	2178	2182	2190	rVB	331134	472122	6.74%	0.445%
38	16.045	2283	2288	2295	rBV	109761	229292	3.27%	0.216%
39	16.257	2318	2324	2330	rVB	1041900	1502869	21.45%	1.416%
40	16.362	2336	2342	2348	rBV	862284	1258295	17.96%	1.186%
41	16.704	2395	2400	2411	rBV	1331445	1970575	28.13%	1.857%
42	16.839	2418	2423	2429	rBV3	100107	202187	2.89%	0.191%
43	17.056	2454	2460	2470	rBV	1838051	2695311	38.48%	2.540%
44	17.156	2470	2477	2480	rVV	3267071	4728450	67.50%	4.455%
45	17.192	2480	2483	2490	rVB	1228179	1684127	24.04%	1.587%
46	17.462	2521	2529	2538	rBV	1102896	1658347	23.67%	1.563%
47	17.568	2544	2547	2556	rVB	53554	81140	1.16%	0.076%
48	17.733	2571	2575	2581	rBV5	57668	86623	1.24%	0.082%
49	17.962	2610	2614	2617	rBV3	52933	71647	1.02%	0.068%
50	18.303	2669	2672	2677	rVB2	56552	77762	1.11%	0.073%
51	18.474	2697	2701	2706	rBV	61657	91380	1.30%	0.086%
52	18.827	2757	2761	2767	rBV	188782	296199	4.23%	0.279%
53	19.233	2826	2830	2836	rVB3	102029	176188	2.52%	0.166%
54	19.339	2845	2848	2853	rVB4	97267	142317	2.03%	0.134%
55	19.403	2855	2859	2862	rBV2	136298	163259	2.33%	0.154%
56	19.456	2862	2868	2877	rVB	3765139	5492396	78.41%	5.175%
57	20.397	3023	3028	3034	rBV	2474791	2897735	41.37%	2.730%
58	20.450	3034	3037	3043	rVB4	115858	143263	2.05%	0.135%
59	20.974	3122	3126	3132	rBV	336349	441002	6.30%	0.416%
60	21.239	3165	3171	3178	rBV2	3541518	7005155	100.00%	6.601%
61	21.850	3272	3275	3282	rBV2	136905	191592	2.74%	0.181%
62	22.056	3305	3310	3318	rVB	2503868	3353108	47.87%	3.159%
63	22.309	3350	3353	3363	rVB	168159	243749	3.48%	0.230%
64	22.438	3370	3375	3387	rVB	405080	656338	9.37%	0.618%
65	22.803	3431	3437	3441	rBV	2659466	4636940	66.19%	4.369%
66	22.844	3441	3444	3454	rVB	1343055	2173879	31.03%	2.048%
67	23.327	3519	3526	3532	rBV2	2923640	5501589	78.54%	5.184%
68	23.468	3543	3550	3558	rVB	1750643	3336550	47.63%	3.144%
69	24.009	3637	3642	3650	rVB	315311	626016	8.94%	0.590%
70	24.750	3763	3768	3777	rVB2	257112	602937	8.61%	0.568%

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Integration Parameters: LSCINT.P
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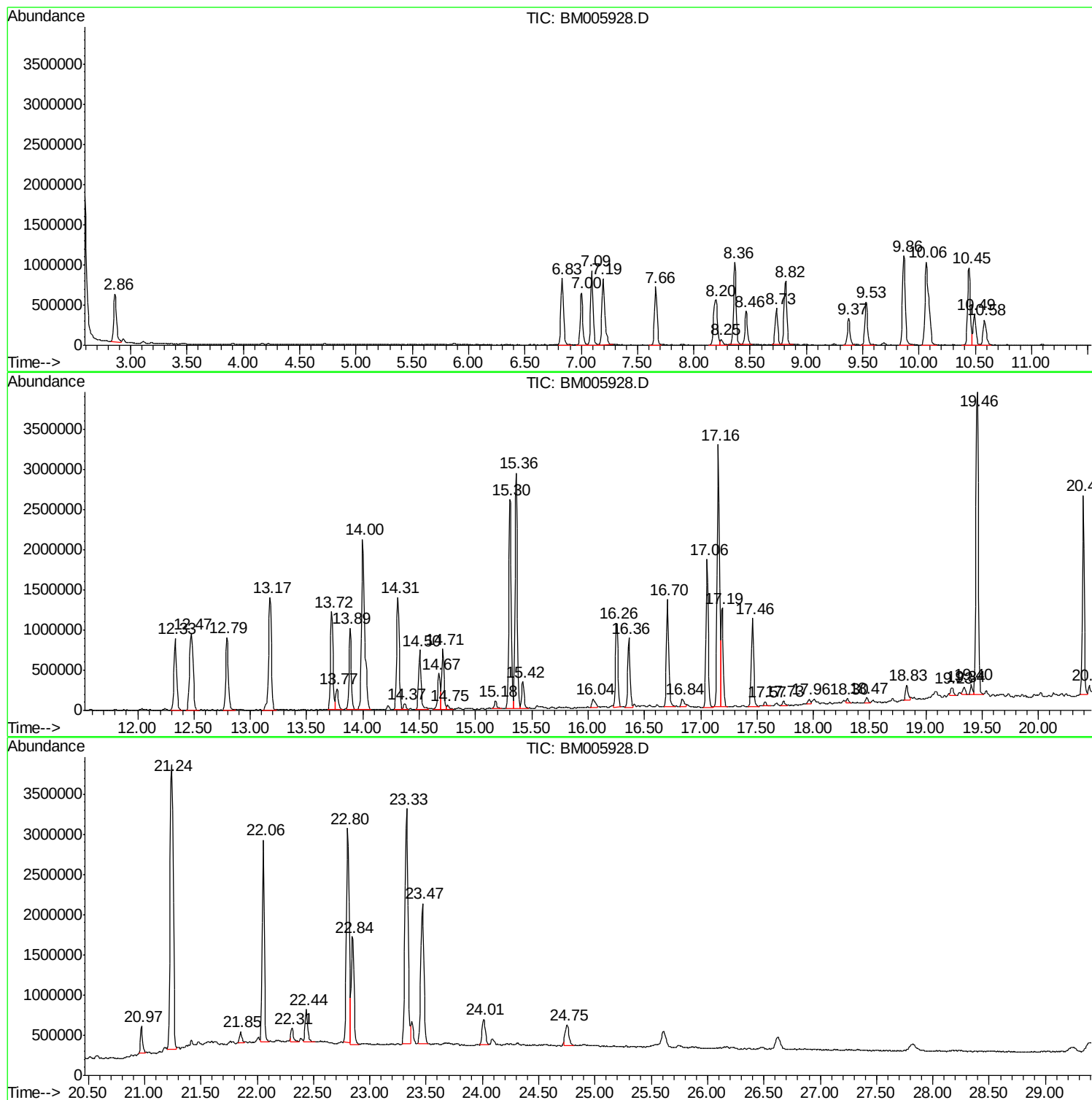
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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



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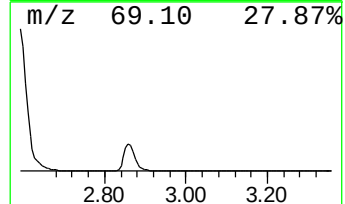
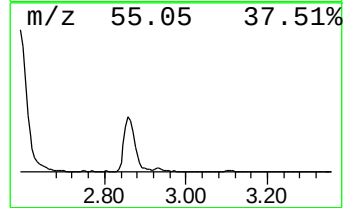
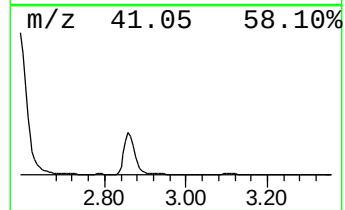
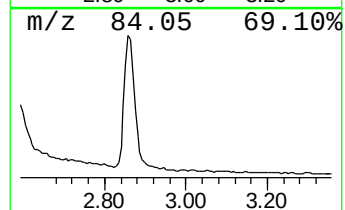
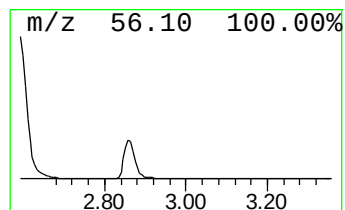
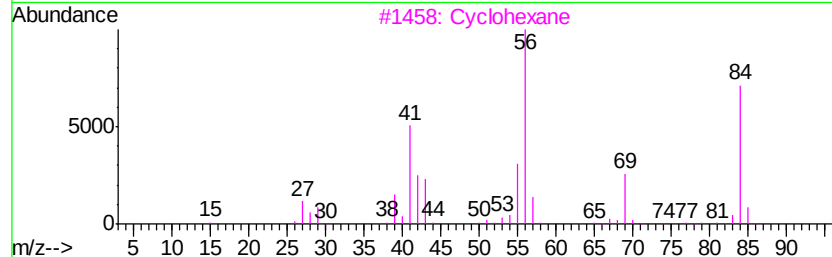
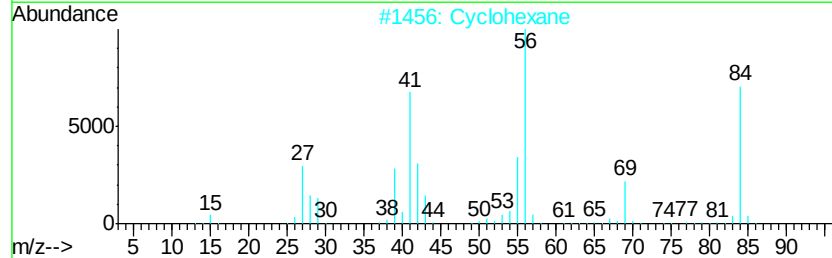
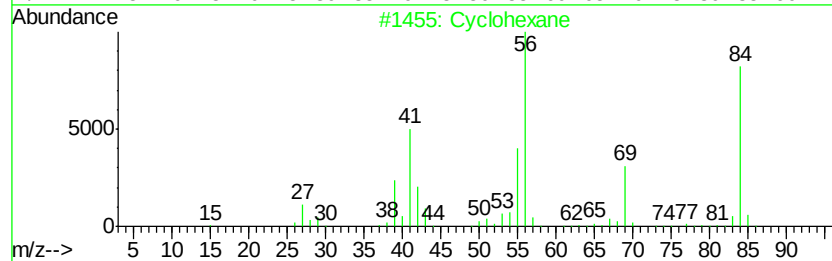
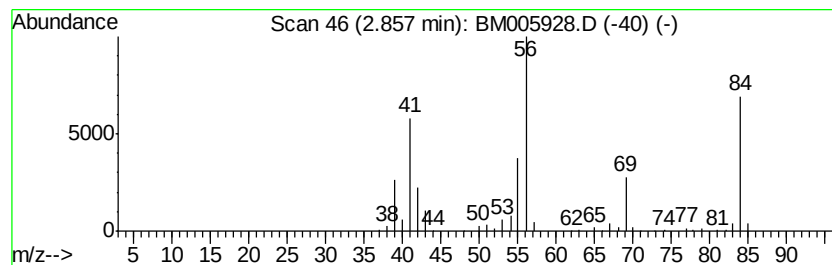
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	18.47 ng/ul	1092100	1,4-Dichlorobenzene-d4	7.66

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



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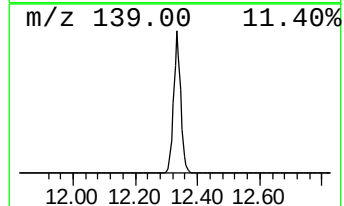
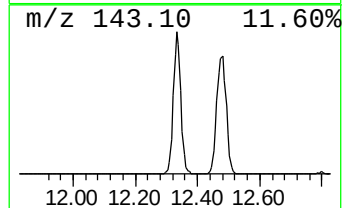
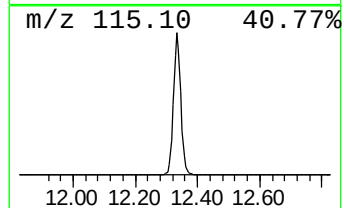
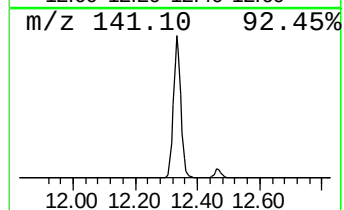
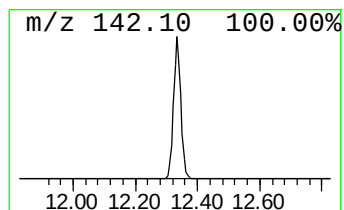
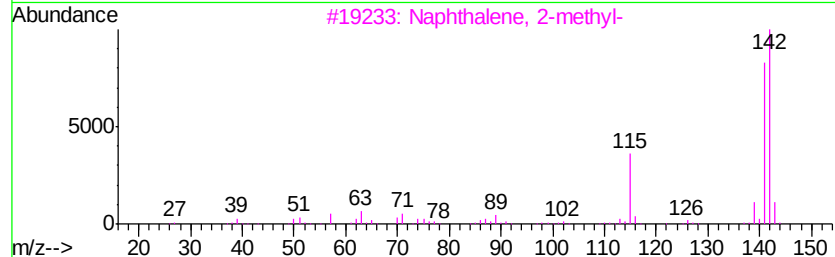
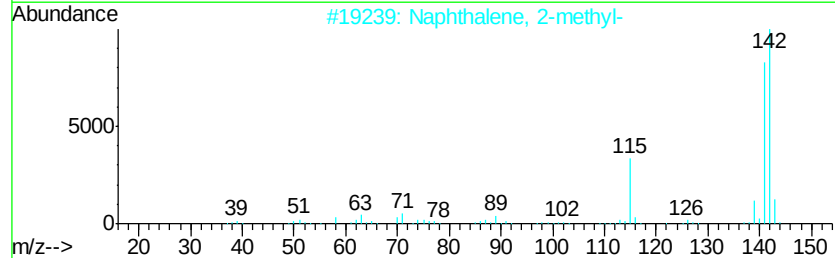
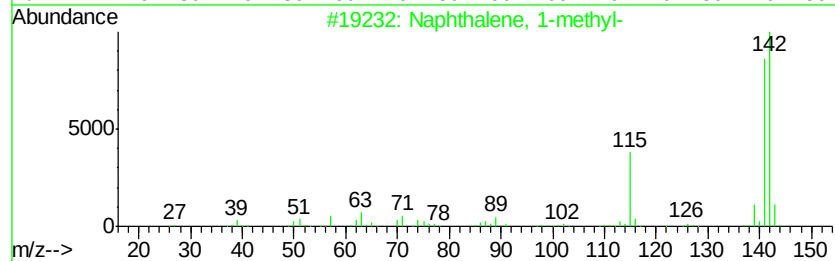
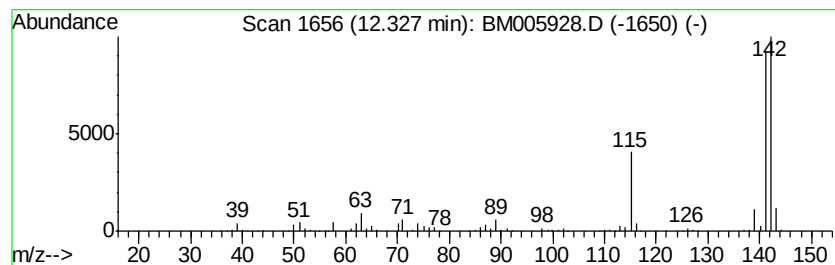
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	17.26 ng/ul	1473040	Naphthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 94
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94



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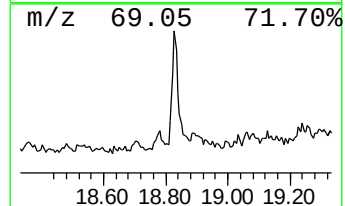
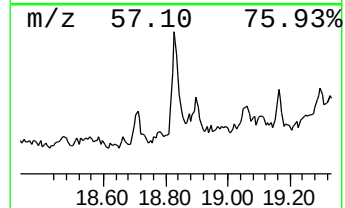
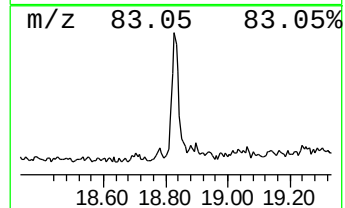
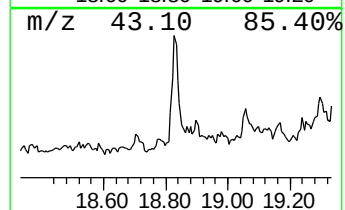
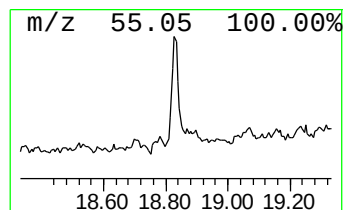
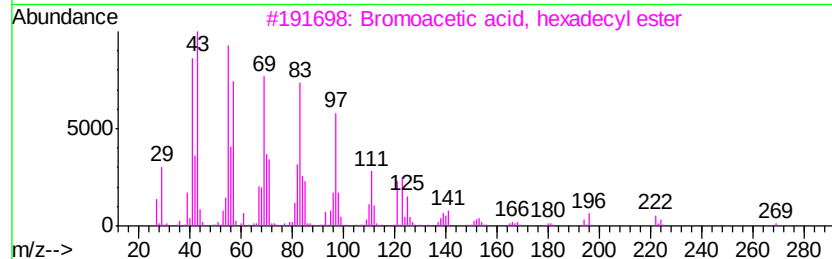
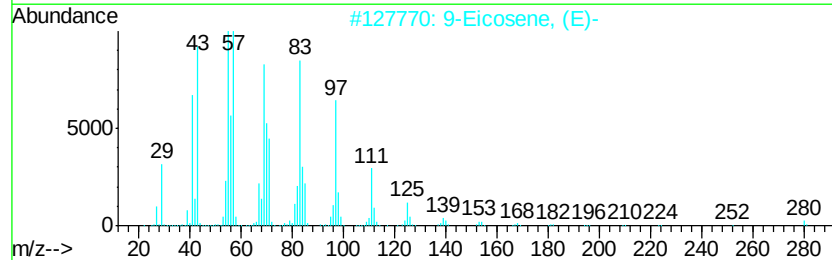
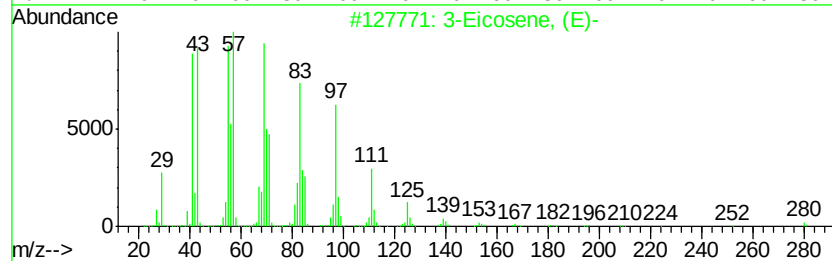
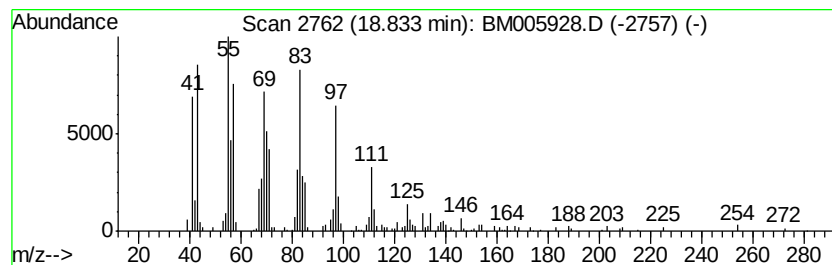
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	2.20 ng/ul	296199	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2		9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



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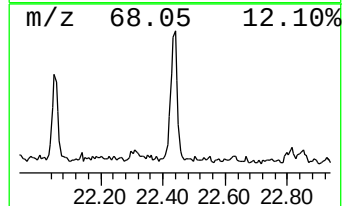
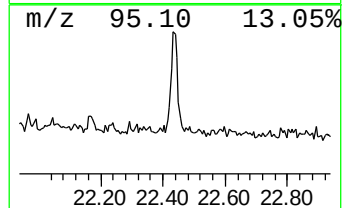
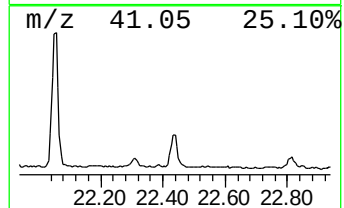
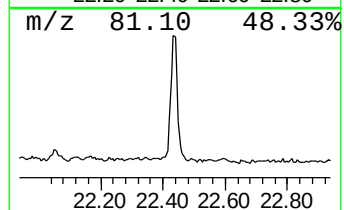
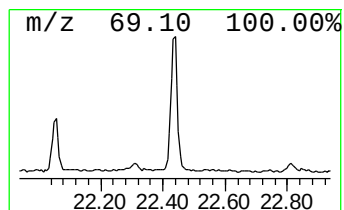
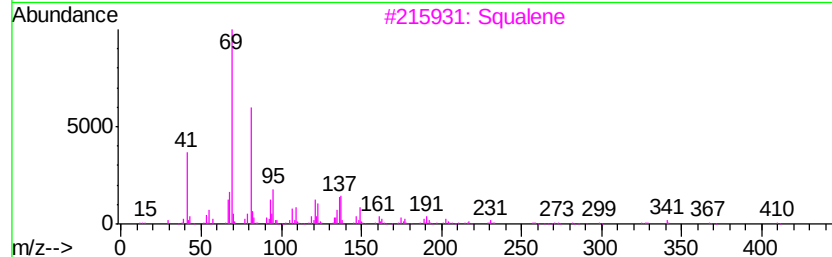
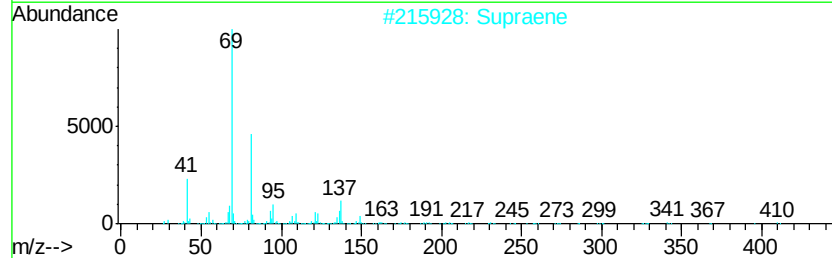
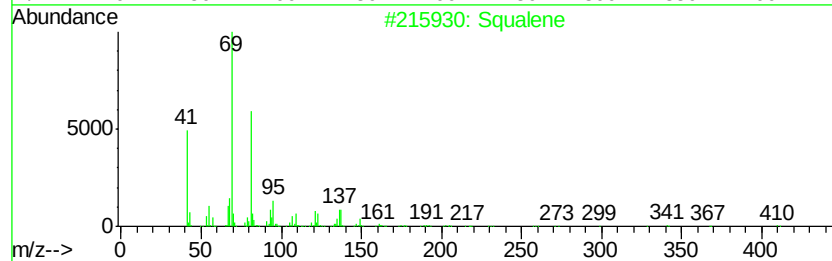
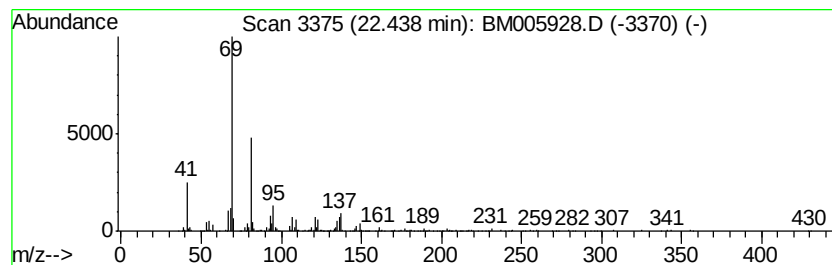
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Peak Number 4 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	3.93 ng/ul	656338	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Squalene	410	C30H50	000111-02-4	90
4		Squalene	410	C30H50	000111-02-4	90
5		Supraene	410	C30H50	007683-64-9	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062216\
Data File : BM005928.D
Acq On : 23 Jun 2016 13:44
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

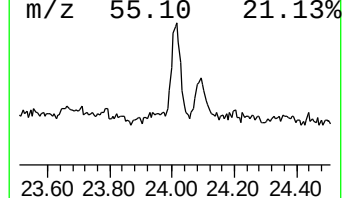
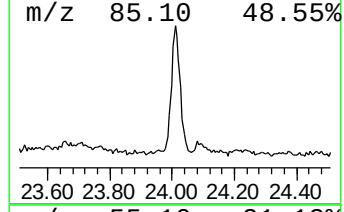
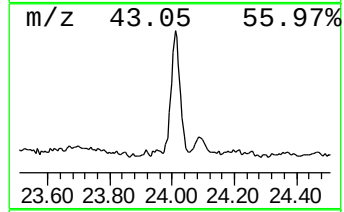
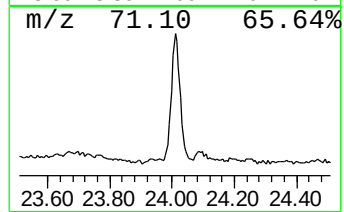
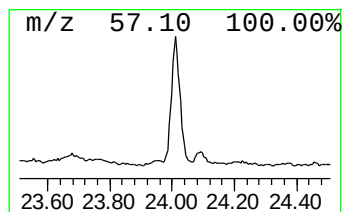
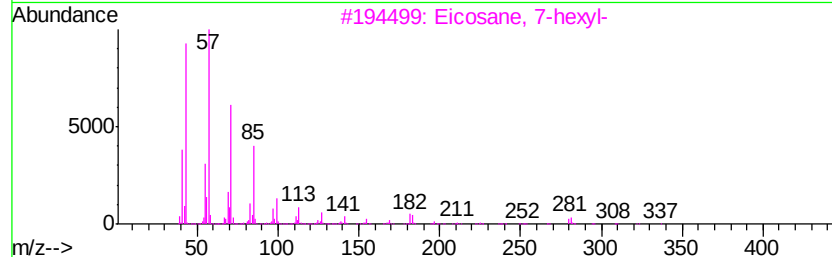
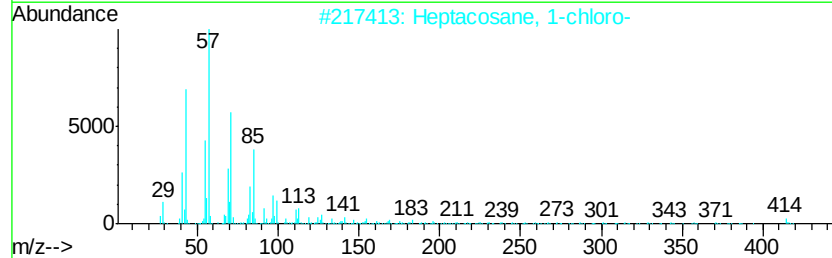
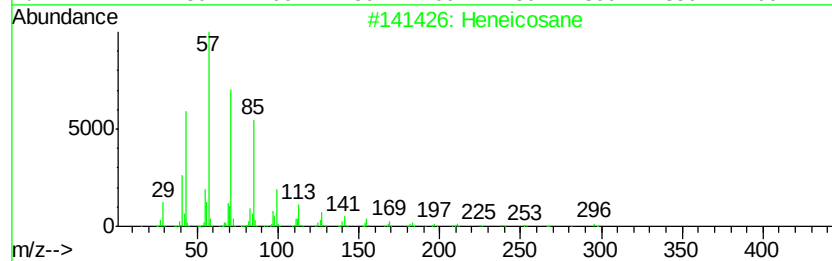
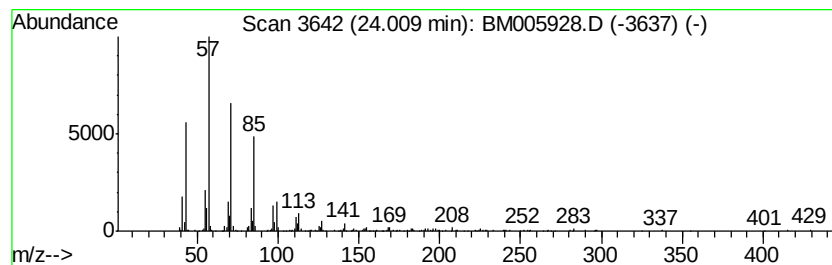
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.75 ng/ul	626016	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM062216\
Data File : BM005928.D
Acq On : 23 Jun 2016 13:44
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

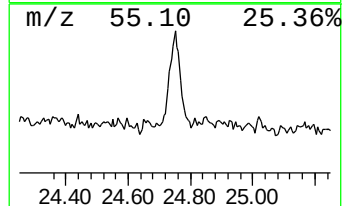
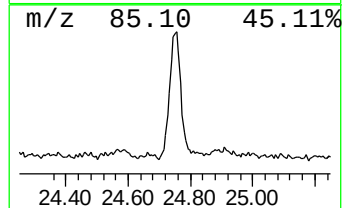
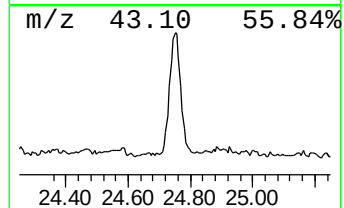
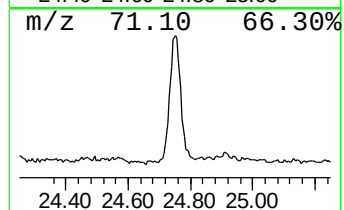
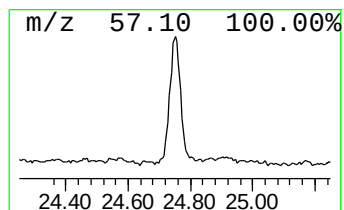
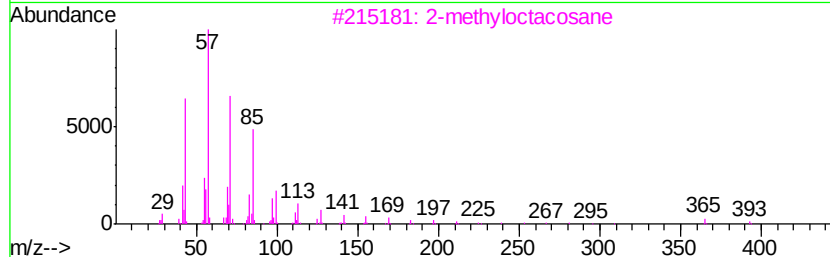
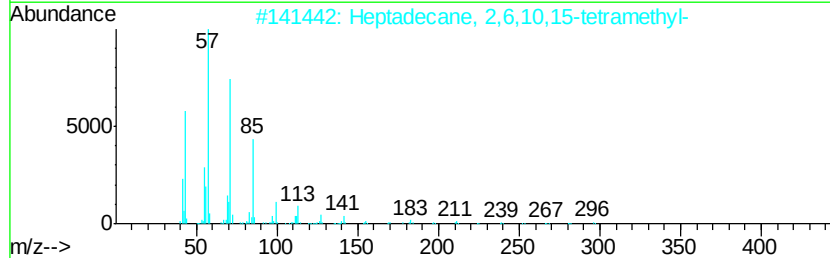
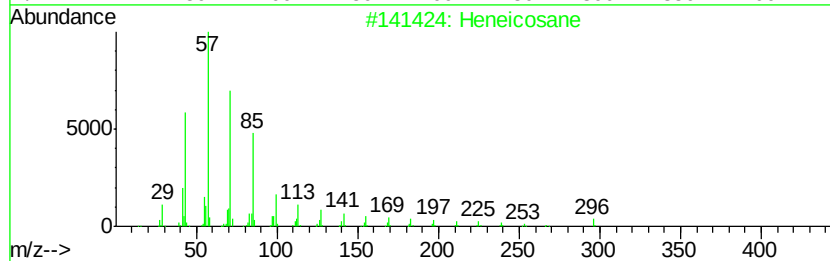
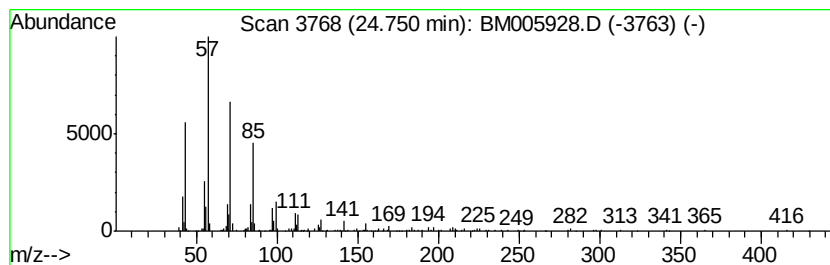
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM062216.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.75	3.61 ng/ul	602937	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062216\
Data File : BM005928.D
Acq On : 23 Jun 2016 13:44
Operator : UM/SJ
Sample : H3612-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Z18

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.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: Str...	2.86	18.5	ng/ul	1092100	1	7.66	1182730	20.0
Naphthalene, 1-me...	12.33	17.3	ng/ul	1473040	2	10.45	1706940	20.0
(DEL) Alkane: Str...	18.83	2.2	ng/ul	296199	4	17.06	2695310	20.0
Squalene	22.44	3.9	ng/ul	656338	6	23.47	3336550	20.0
(DEL) Alkane: Str...	24.01	3.8	ng/ul	626016	6	23.47	3336550	20.0
(DEL) Alkane: Str...	24.75	3.6	ng/ul	602937	6	23.47	3336550	20.0