

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009767.D
 Acq On : 28 Apr 2017 07:16
 Operator : SJ/MA
 Sample : I2806-12
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHT14

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\SOM-EPA-BM042517.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	4.951	311	317	324	rVB2	51361	82407	1.66%	0.157%
2	6.987	656	663	674	rVB	748141	1223863	24.59%	2.329%
3	7.157	686	692	702	rBV	541966	832861	16.73%	1.585%
4	7.351	718	725	734	rBV	729405	1135789	22.82%	2.161%
5	7.822	798	805	813	rBV	587009	934828	18.78%	1.779%
6	8.522	917	924	935	rBV	836730	1373814	27.60%	2.614%
7	8.986	996	1003	1013	rBV	721761	1201906	24.15%	2.287%
8	9.704	1116	1125	1136	rBV	605473	1049084	21.08%	1.996%
9	10.239	1208	1216	1225	rBV	902080	1537582	30.89%	2.926%
10	10.616	1273	1280	1293	rBV	832423	1399197	28.11%	2.663%
11	10.763	1298	1305	1321	rVB	699773	1240364	24.92%	2.360%
12	12.139	1533	1539	1545	rBV	146518	229226	4.61%	0.436%
13	13.874	1828	1834	1839	rBV	1701751	2296955	46.15%	4.371%
14	13.921	1839	1842	1848	rVB	320393	410168	8.24%	0.781%
15	14.163	1876	1883	1891	rBV	1809057	2629346	52.83%	5.003%
16	14.339	1908	1913	1918	rBV	38591	50757	1.02%	0.097%
17	14.468	1927	1935	1943	rBV2	1292236	2014338	40.47%	3.833%
18	14.674	1964	1970	1983	rBV	694051	1120575	22.52%	2.132%
19	14.968	2013	2020	2024	rBV4	34566	62052	1.25%	0.118%
20	15.292	2071	2075	2081	rVB	94646	111039	2.23%	0.211%
21	15.463	2097	2104	2113	rVB	2458033	3395606	68.23%	6.462%
22	15.592	2120	2126	2133	rBV	926566	1277944	25.68%	2.432%
23	15.698	2136	2144	2149	rVV6	52296	105879	2.13%	0.201%
24	16.157	2217	2222	2232	rBV	127633	204177	4.10%	0.389%
25	16.951	2351	2357	2361	rBV	71662	93557	1.88%	0.178%
26	17.215	2396	2402	2410	rBV2	1725359	2540441	51.04%	4.834%
27	17.315	2413	2419	2425	rBV	2887796	3956456	79.50%	7.529%
28	18.092	2546	2551	2559	rBV2	257310	360371	7.24%	0.686%
29	19.245	2743	2747	2750	rBV2	40682	51699	1.04%	0.098%
30	19.368	2764	2768	2772	rBV6	59791	87285	1.75%	0.166%
31	19.503	2787	2791	2795	rBV4	35313	60566	1.22%	0.115%
32	19.609	2804	2809	2815	rBV	3659965	4976880	100.00%	9.471%
33	20.098	2890	2892	2895	rBV4	39543	50659	1.02%	0.096%
34	21.086	3056	3060	3070	rVB	920018	1101993	22.14%	2.097%

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35	21.397	3108	3113	3119	rBV	2957542	3575282	71.84%	6.803%
36	21.986	3209	3213	3222	rVB	622632	814845	16.37%	1.551%
37	22.950	3374	3377	3383	rVB2	169531	249019	5.00%	0.474%
38	23.562	3473	3481	3489	rBV	2426091	4732032	95.08%	9.005%
39	23.709	3500	3506	3515	rVB2	1524558	2992619	60.13%	5.695%
40	24.203	3586	3590	3596	rVB3	269392	502484	10.10%	0.956%
41	24.303	3602	3607	3614	rVB4	247946	484770	9.74%	0.922%

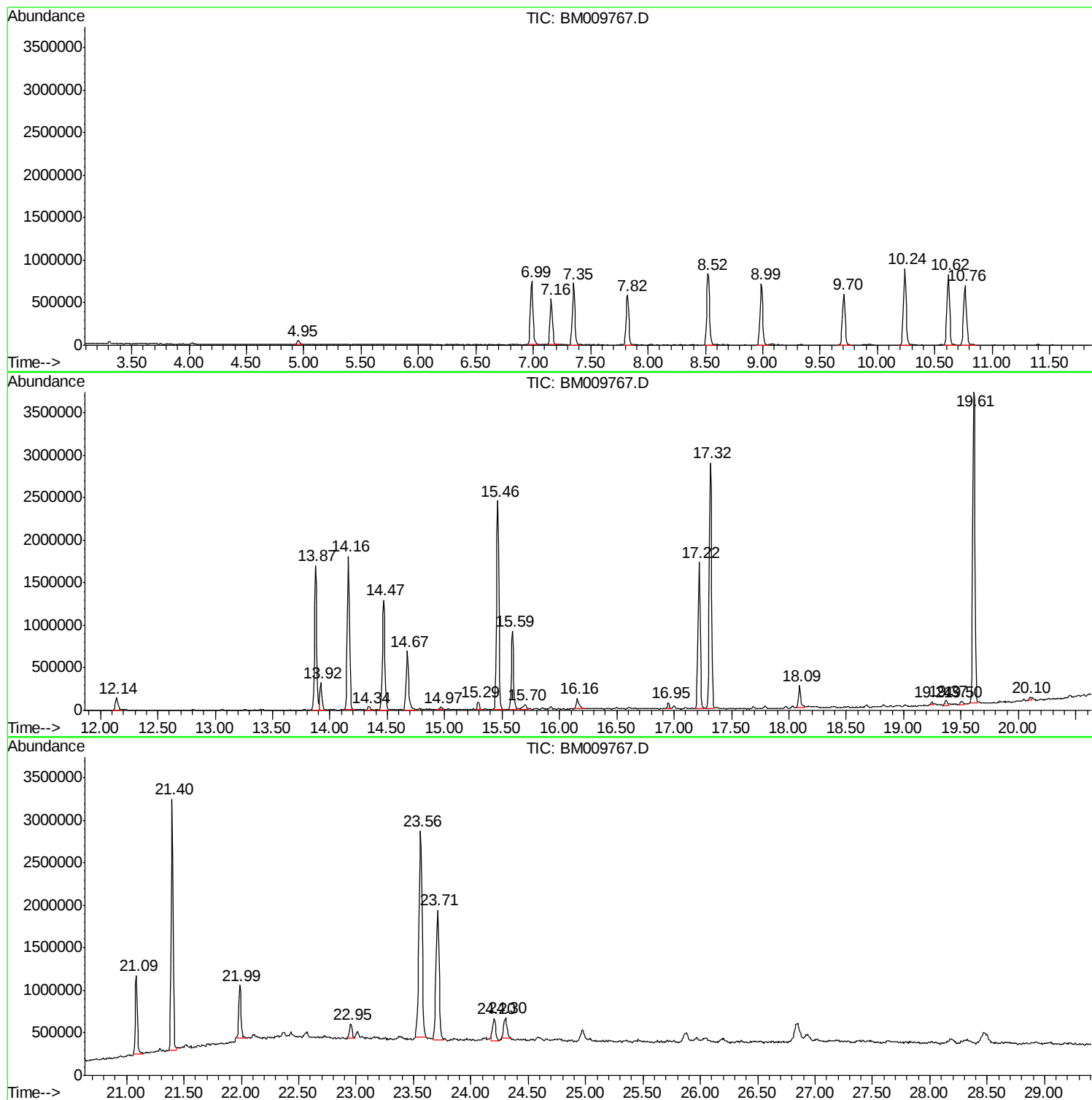
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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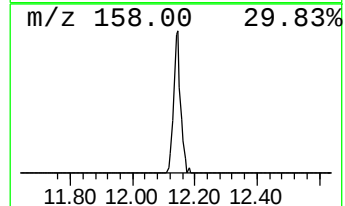
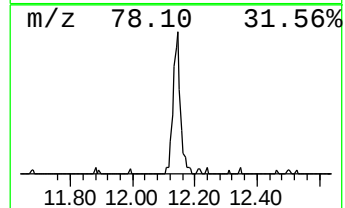
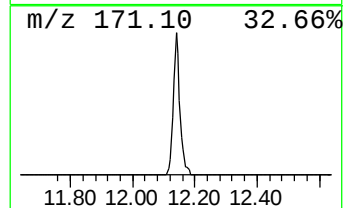
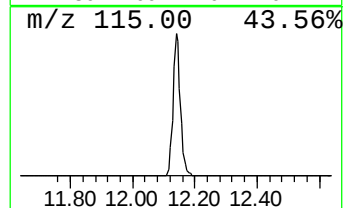
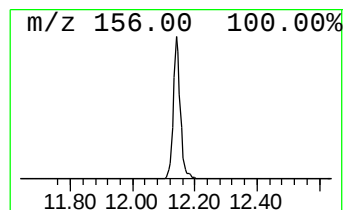
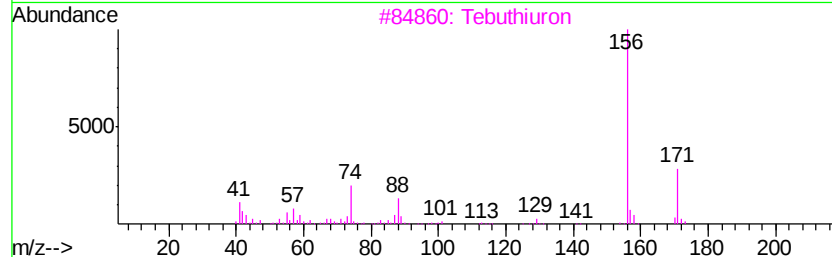
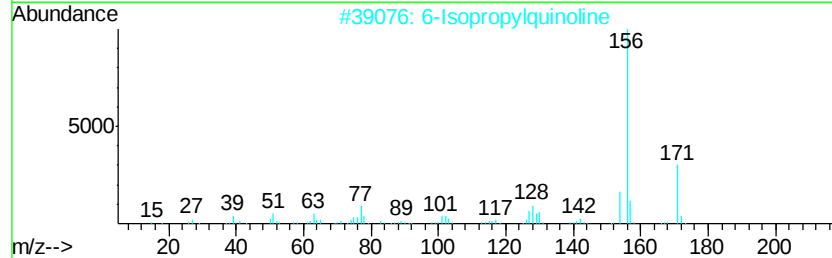
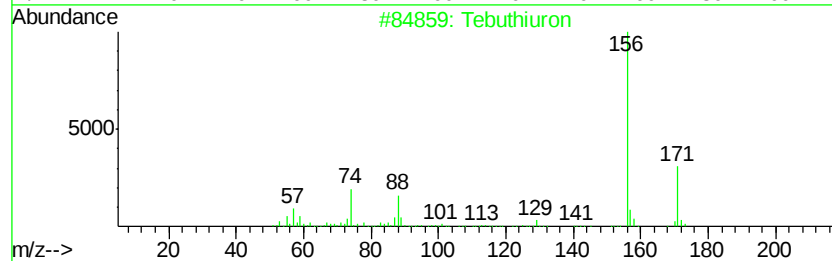
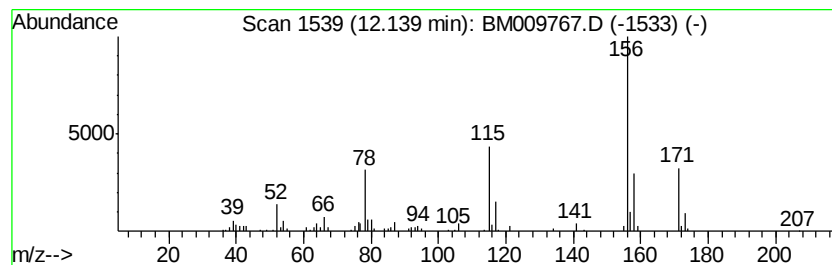
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.28 ng/ul	229226	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tebuthiuron	228	C9H16N4OS	034014-18-1	43
2		6-Isopropylquinoline	171	C12H13N	000135-79-5	43
3		Tebuthiuron	228	C9H16N4OS	034014-18-1	37
4		2,2'-Bipyridine	156	C10H8N2	000366-18-7	35
5		Chloroxylonol	156	C8H9ClO	000088-04-0	32



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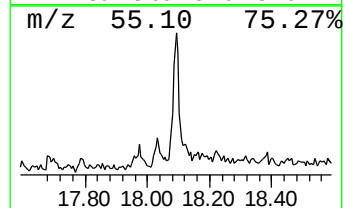
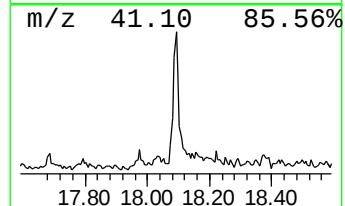
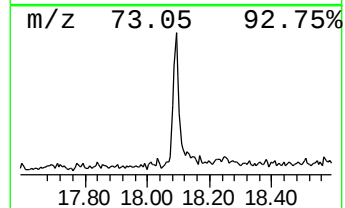
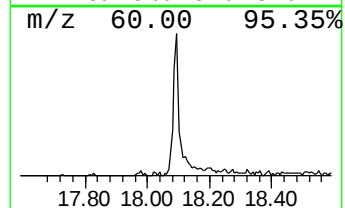
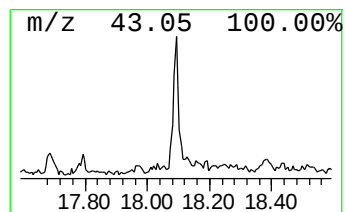
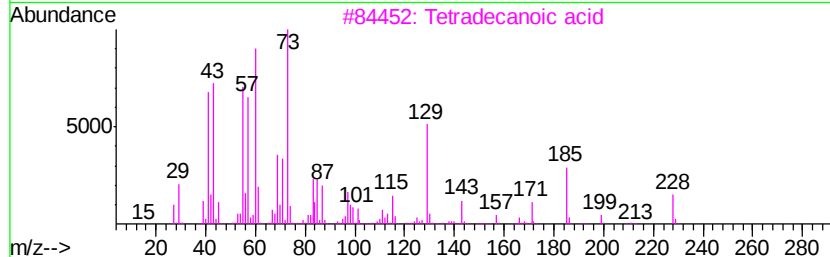
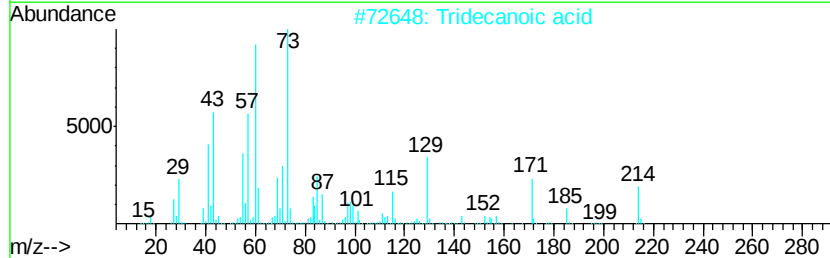
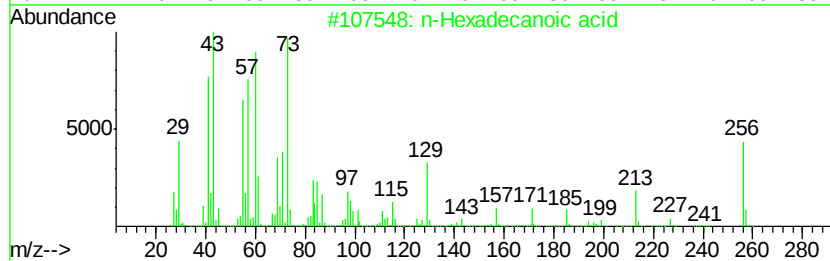
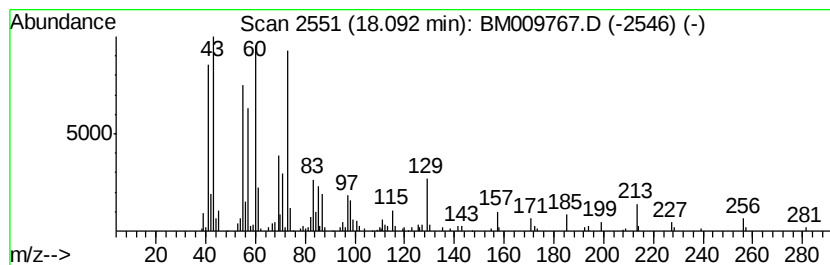
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	2.84 ng/ul	360371	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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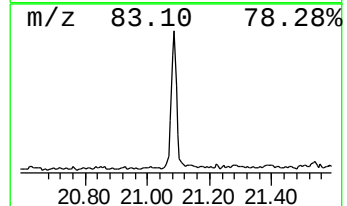
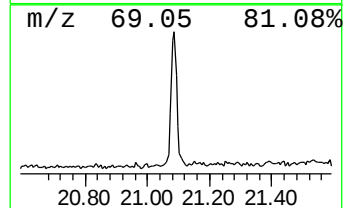
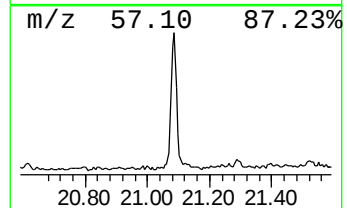
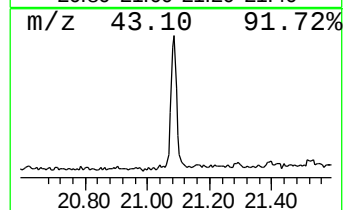
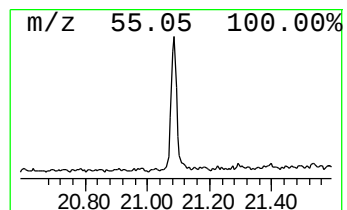
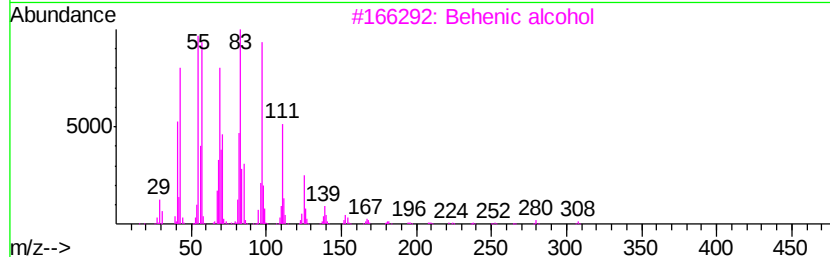
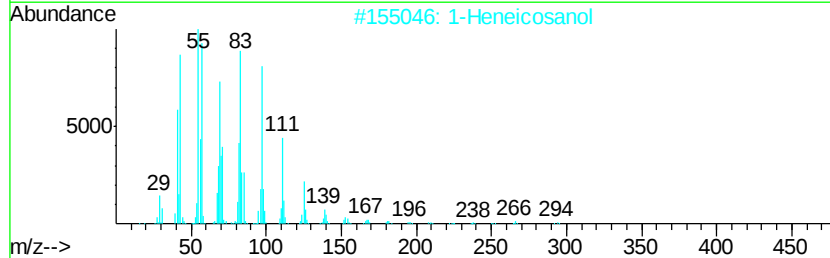
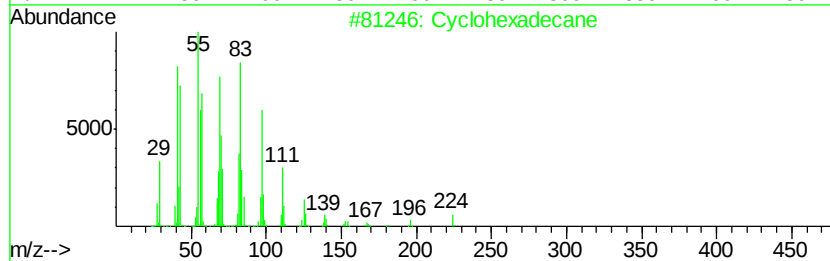
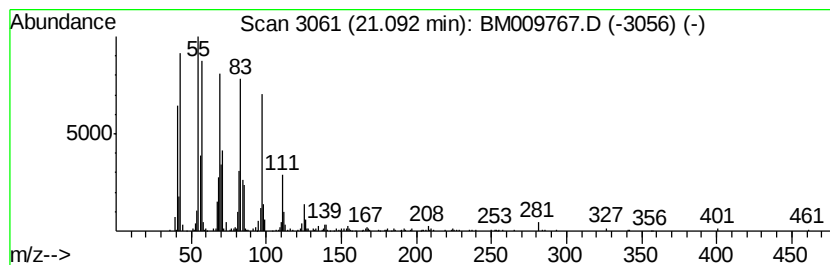
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	6.16 ng/ul	1101990	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	93
2		1-Heneicosanol	312	C21H44O	015594-90-8	91
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		1-Hexadecanol	242	C16H34O	036653-82-4	90



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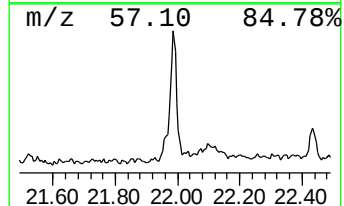
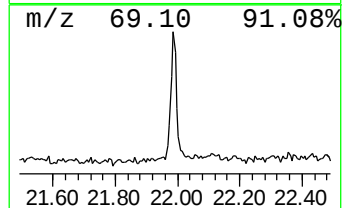
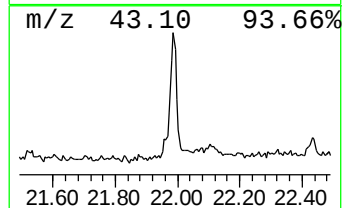
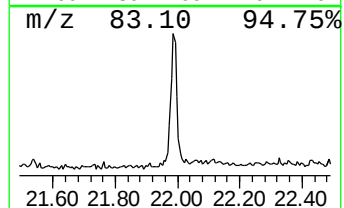
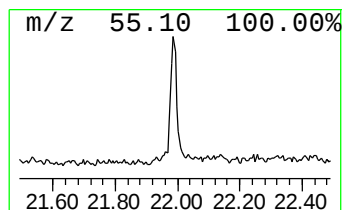
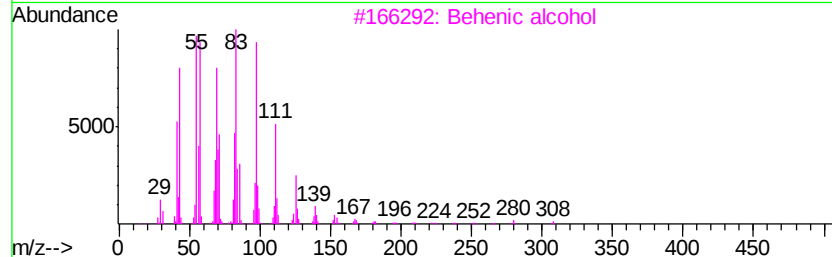
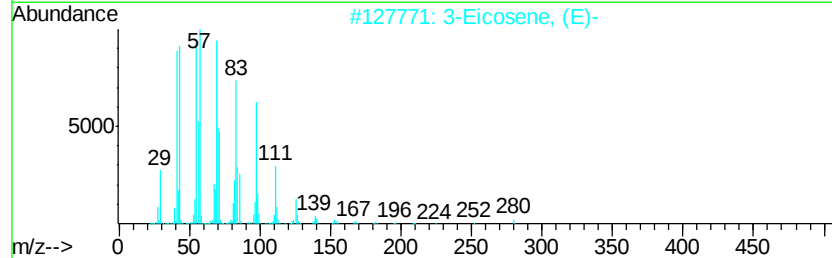
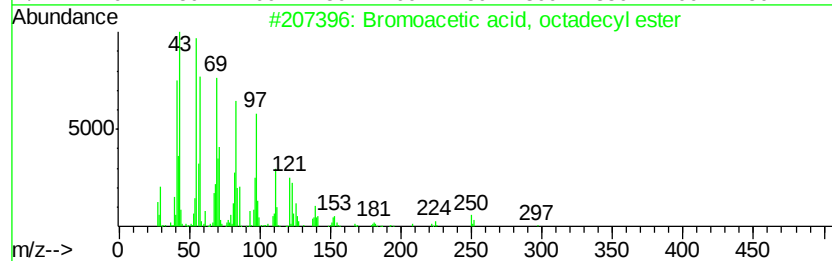
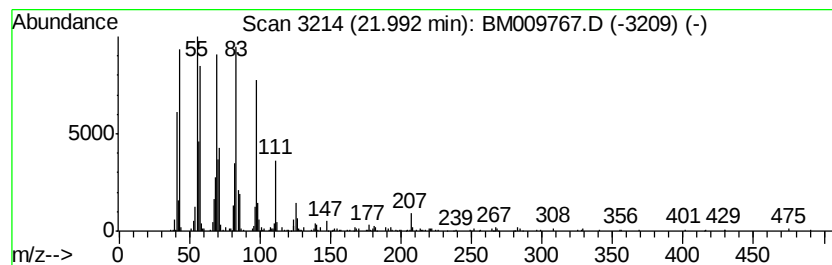
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Peak Number 4 Bromoacetic acid, octadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	4.56 ng/ul	814845	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
3		Behenic alcohol	326	C22H46O	000661-19-8	76
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	76
5		1-Heneicosanol	312	C21H44O	015594-90-8	76



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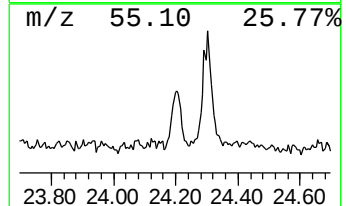
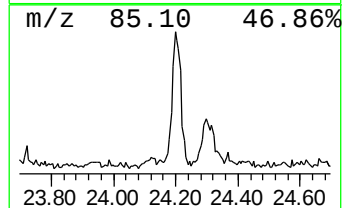
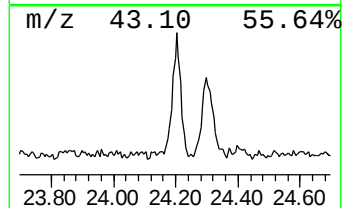
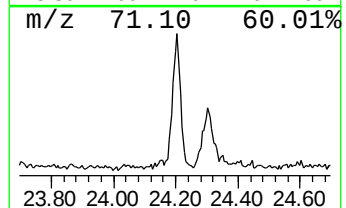
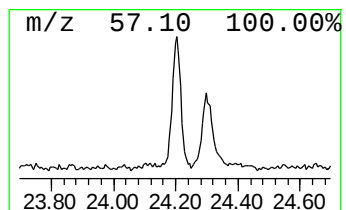
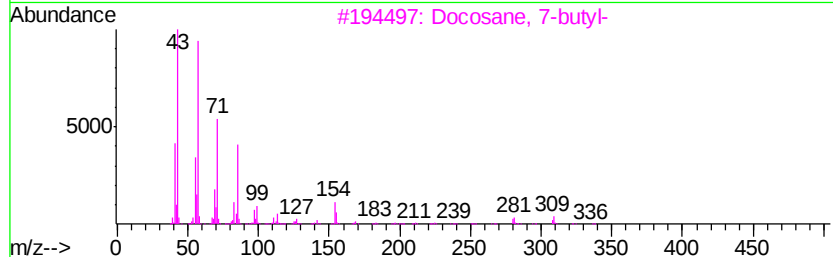
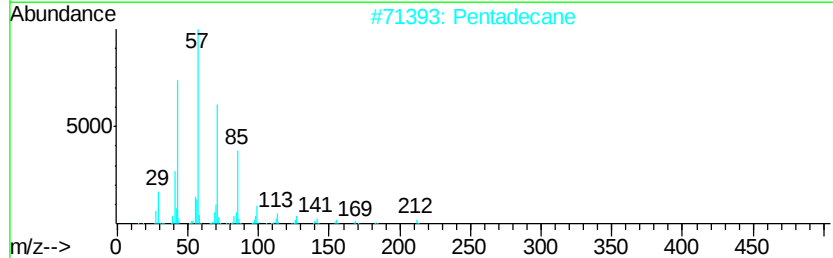
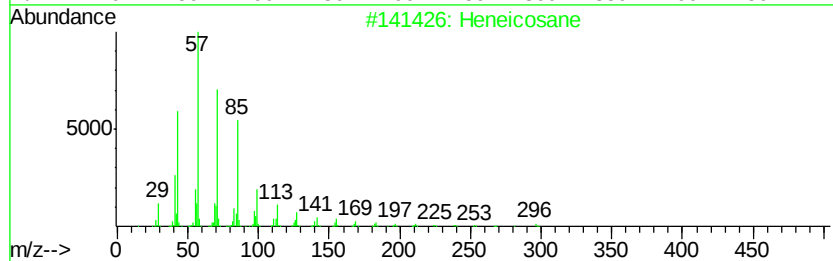
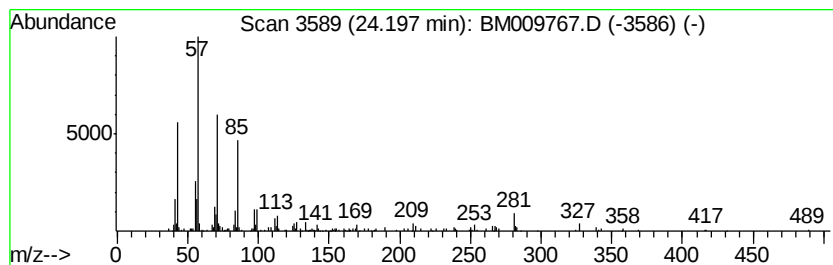
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	3.36 ng/ul	502484	Perylene-d12	23.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Pentadecane		212	C15H32	000629-62-9	87
3	Docosane, 7-butyl-		366	C26H54	055282-15-0	80
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	80
5	Decane, 3-methyl-		156	C11H24	013151-34-3	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009767.D
Acq On : 28 Apr 2017 07:16
Operator : SJ/MA
Sample : I2806-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT14

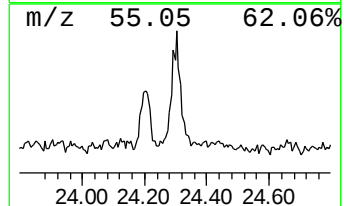
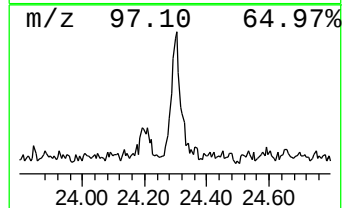
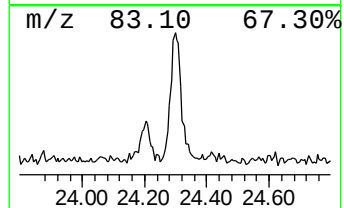
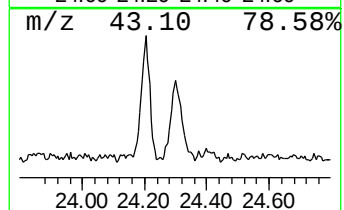
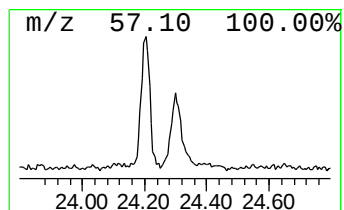
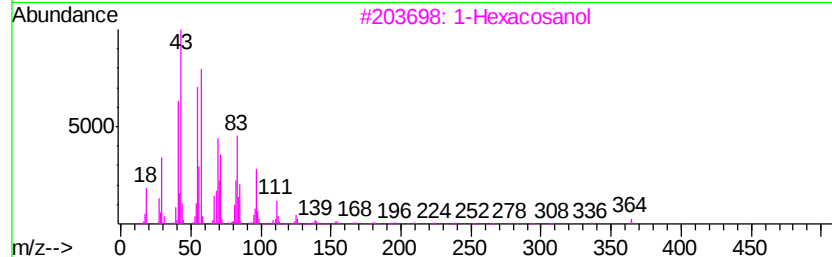
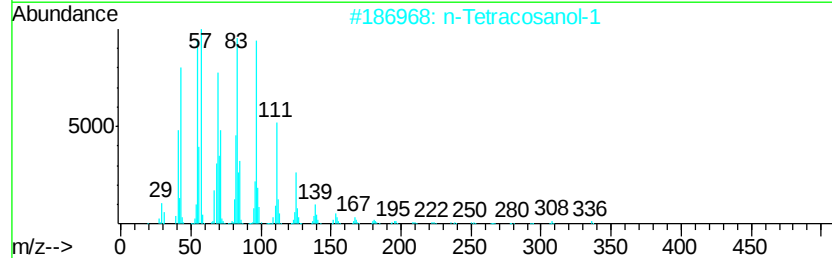
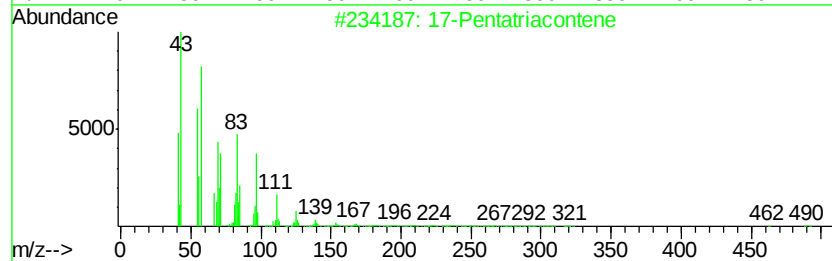
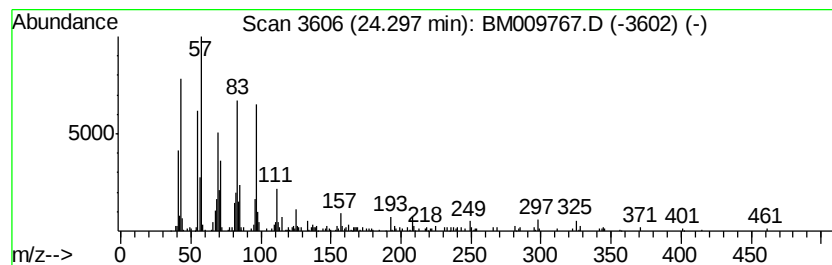
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic24.30 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.30	3.24 ng/ul	484770	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	62
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	53
3		1-Hexacosanol	382	C26H54O	000506-52-5	53
4		Octacosanol	410	C28H58O	000557-61-9	49
5		Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009767.D
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Sample : I2806-12
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT14

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.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
unknown-01	12.14	3.3	ng/ul	229226	2	10.62	1399200	20.0
n-Hexadecanoic acid	18.09	2.8	ng/ul	360371	4	17.22	2540440	20.0
(DEL) Alkane: Cyc...	21.09	6.2	ng/ul	1101990	5	21.40	3575280	20.0
Bromoacetic acid,...	21.99	4.6	ng/ul	814845	5	21.40	3575280	20.0
(DEL) Alkane: Str...	24.20	3.4	ng/ul	502484	6	23.71	2992620	20.0
(DEL) Alkane: Cyc...	24.30	3.2	ng/ul	484770	6	23.71	2992620	20.0