

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
 Data File : BM009769.D
 Acq On : 28 Apr 2017 08:28
 Operator : SJ/MA
 Sample : I2806-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHT16

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	6.987	656	663	677	rVB	730080	1197828	21.33%	1.995%
2	7.157	684	692	702	rBV	603917	920526	16.39%	1.533%
3	7.351	719	725	732	rBV	727664	1152410	20.52%	1.920%
4	7.822	799	805	813	rVB	614380	975240	17.36%	1.625%
5	8.522	917	924	933	rBV	820704	1330143	23.68%	2.216%
6	8.986	995	1003	1013	rBV	801547	1313358	23.38%	2.188%
7	9.704	1117	1125	1135	rBV2	680454	1131431	20.14%	1.885%
8	10.239	1208	1216	1226	rBV	947789	1586204	28.24%	2.642%
9	10.616	1272	1280	1287	rBV	901524	1508421	26.86%	2.513%
10	10.763	1297	1305	1317	rBV	825223	1426211	25.39%	2.376%
11	13.874	1827	1834	1839	rBV	1831481	2534588	45.13%	4.222%
12	13.921	1839	1842	1848	rVB	433956	555834	9.90%	0.926%
13	14.163	1876	1883	1892	rBV	1999921	2902088	51.67%	4.834%
14	14.468	1928	1935	1941	rBV2	1412688	2127320	37.88%	3.544%
15	14.515	1941	1943	1950	rVB5	55806	72486	1.29%	0.121%
16	14.674	1963	1970	1979	rBV	866750	1331578	23.71%	2.218%
17	15.292	2071	2075	2080	rVB2	78147	99663	1.77%	0.166%
18	15.462	2097	2104	2110	rBV	2691586	3772107	67.16%	6.284%
19	15.592	2120	2126	2135	rBV2	1000010	1413348	25.16%	2.354%
20	15.698	2138	2144	2148	rVB6	57031	92620	1.65%	0.154%
21	16.157	2218	2222	2230	rBV	93128	178474	3.18%	0.297%
22	16.951	2350	2357	2361	rBV	79189	109800	1.95%	0.183%
23	17.098	2376	2382	2389	rBV6	41782	77599	1.38%	0.129%
24	17.215	2396	2402	2410	rBV	1922922	2748456	48.94%	4.579%
25	17.315	2412	2419	2425	rVB	3199222	4423697	78.76%	7.369%
26	17.686	2477	2482	2489	rBV	59791	82489	1.47%	0.137%
27	17.792	2496	2500	2505	rVB3	61427	73858	1.32%	0.123%
28	17.974	2525	2531	2538	rBV6	44919	96849	1.72%	0.161%
29	18.092	2546	2551	2559	rVV	382419	550158	9.80%	0.916%
30	18.151	2559	2561	2566	rVB6	79695	113263	2.02%	0.189%
31	18.380	2596	2600	2604	rBV4	40795	68590	1.22%	0.114%
32	19.245	2742	2747	2750	rBV2	57843	96313	1.71%	0.160%
33	19.368	2765	2768	2778	rVB6	81400	128324	2.28%	0.214%
34	19.497	2786	2790	2794	rBV2	40944	63697	1.13%	0.106%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	19.609	2803	2809	2816	rBV	4098566	5616526	100.00%	9.356%
36	20.103	2889	2893	2896	rBV5	79819	111250	1.98%	0.185%
37	20.615	2977	2980	2985	rVB7	41557	67741	1.21%	0.113%
38	21.086	3055	3060	3070	rBV	909541	1195368	21.28%	1.991%
39	21.291	3092	3095	3099	rVB	68211	72654	1.29%	0.121%
40	21.397	3108	3113	3118	rBV	3201289	3761130	66.97%	6.265%
41	21.962	3205	3209	3211	rBV2	249309	346611	6.17%	0.577%
42	21.986	3211	3213	3218	rVB2	270697	337833	6.01%	0.563%
43	22.950	3373	3377	3382	rVB	492435	691818	12.32%	1.152%
44	23.009	3384	3387	3392	rVB4	167838	242919	4.33%	0.405%
45	23.562	3473	3481	3498	rVB2	2827129	5453064	97.09%	9.084%
46	23.709	3500	3506	3514	rVB	1730572	3283151	58.46%	5.469%
47	24.203	3585	3590	3597	rVB	454779	848653	15.11%	1.414%
48	24.297	3601	3606	3618	rVB2	380844	880762	15.68%	1.467%
49	26.838	4034	4038	4046	rVB8	331170	864988	15.40%	1.441%

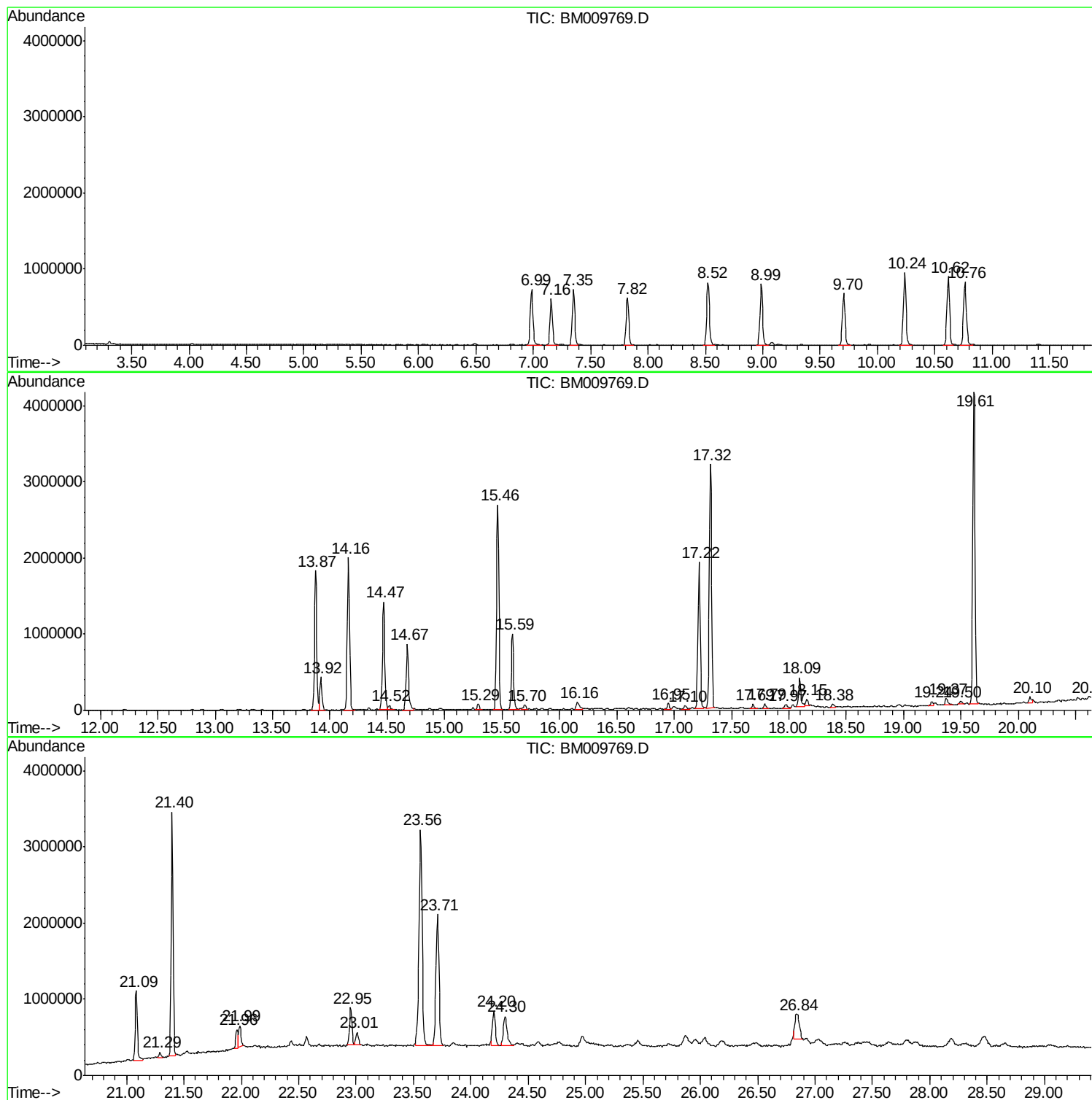
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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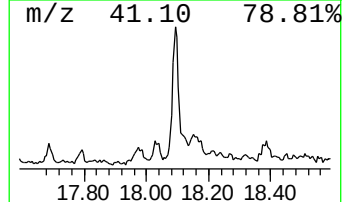
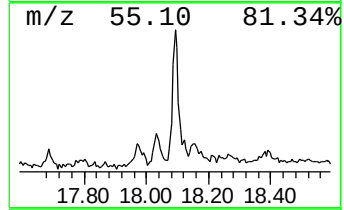
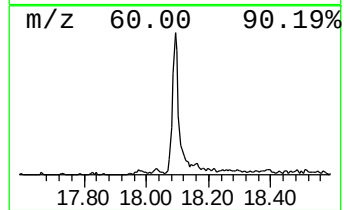
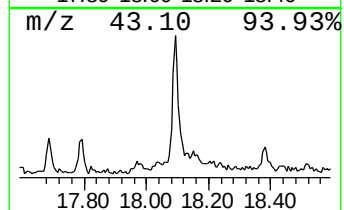
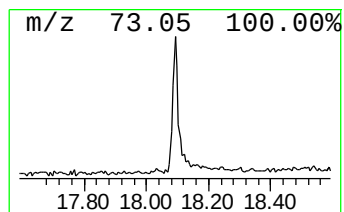
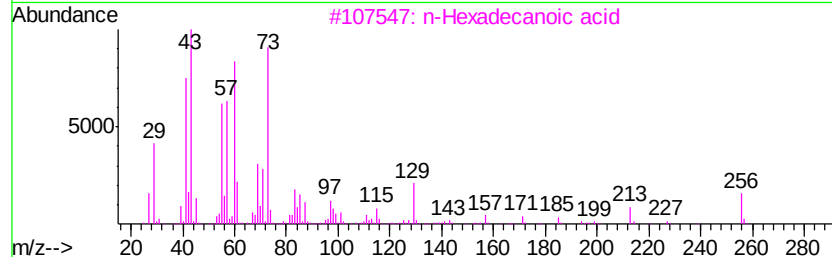
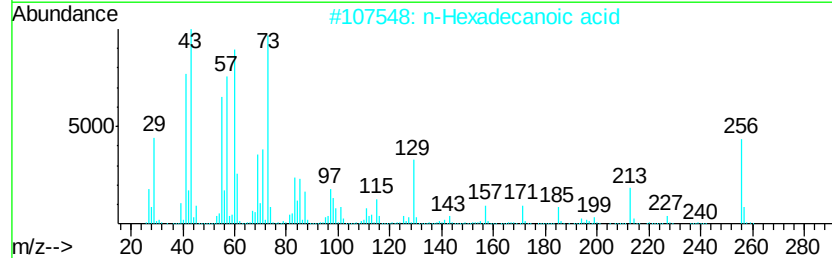
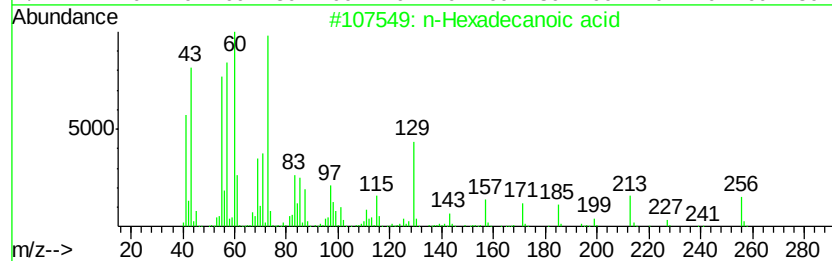
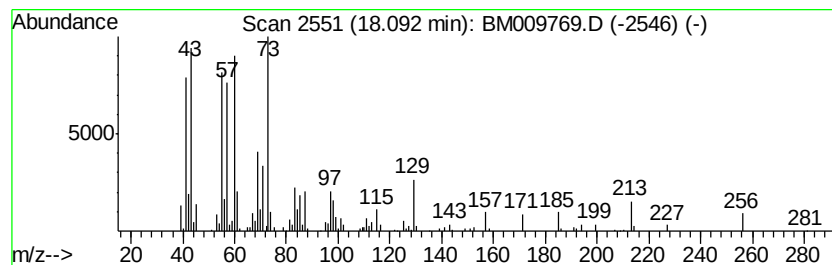
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	4.00 ng/ul	550158	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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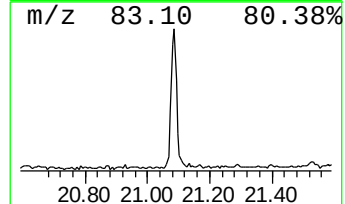
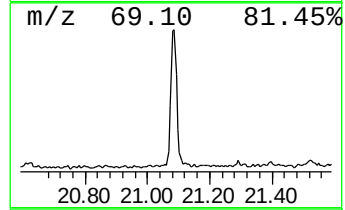
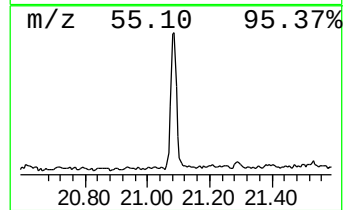
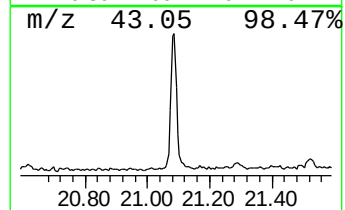
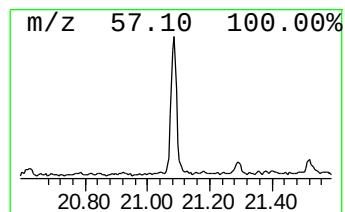
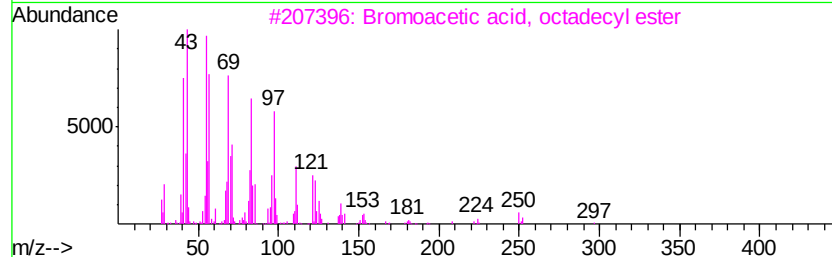
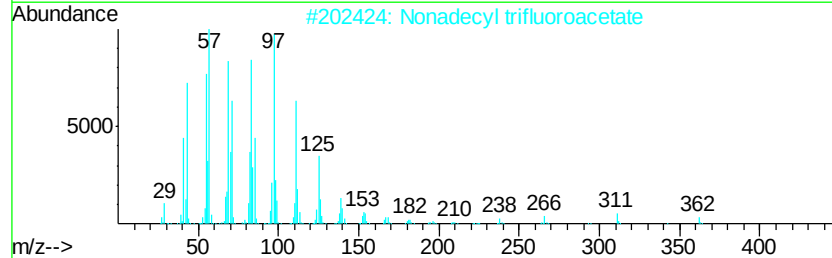
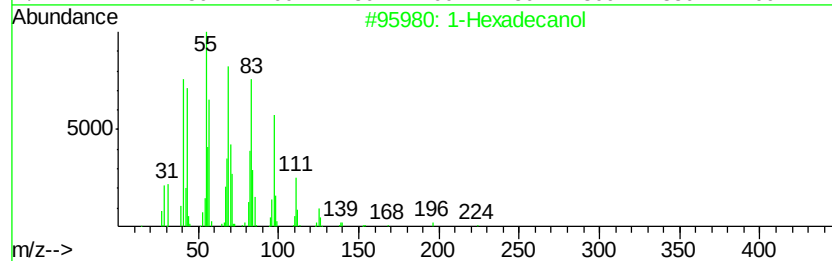
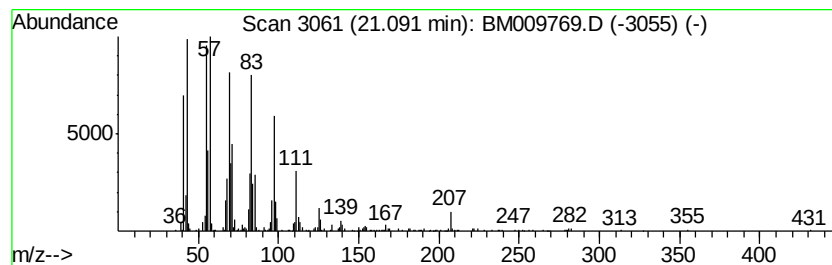
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hexadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	6.36 ng/ul	1195370	Chrysene-d12	21.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexadecanol	242 C16H34O	036653-82-4	93
2	Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3	91
3	Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5	91
4	1-Heptacosanol	396 C27H56O	002004-39-9	91
5	n-Tetracosanol-1	354 C24H50O	000506-51-4	91



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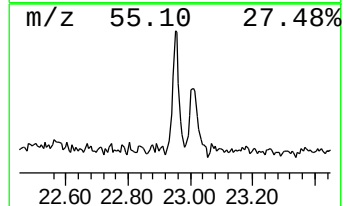
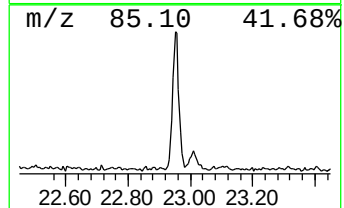
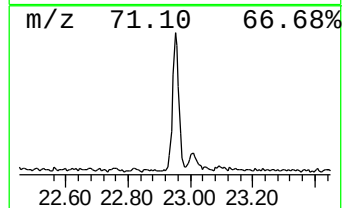
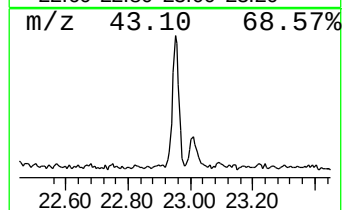
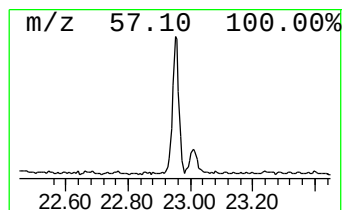
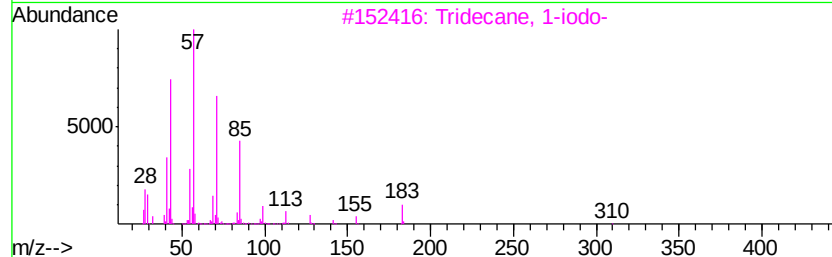
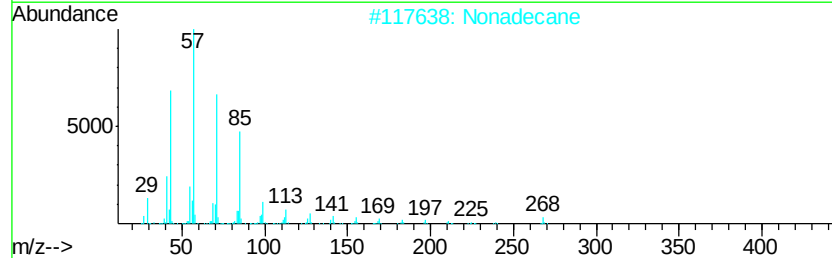
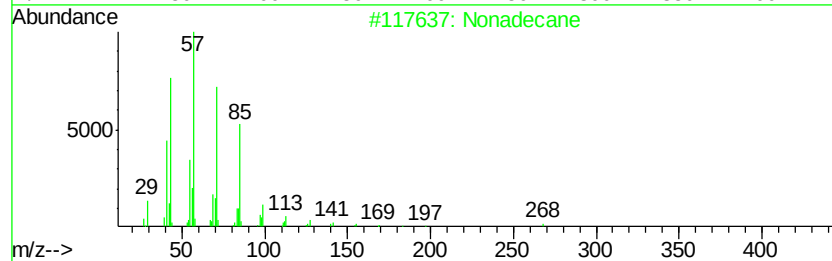
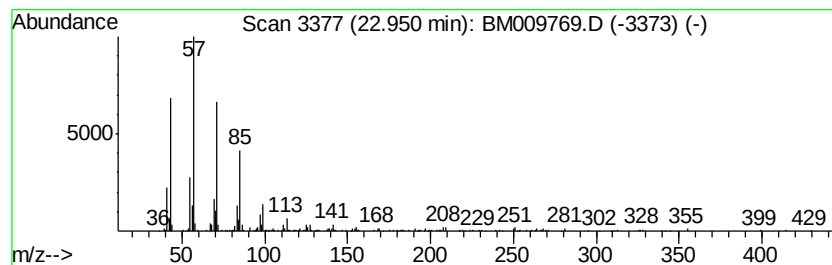
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	4.21 ng/ul	691818	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4		Octacosane	394	C28H58	000630-02-4	83
5		Decane, 5-propyl-	184	C13H28	017312-62-8	81



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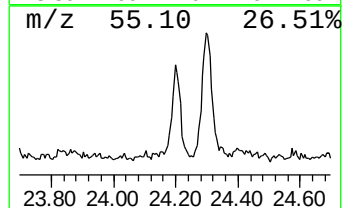
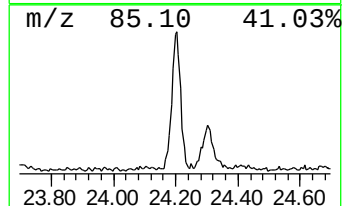
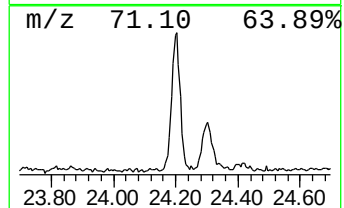
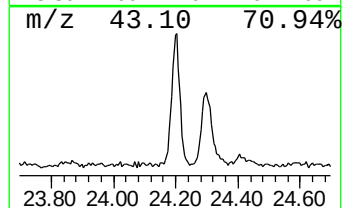
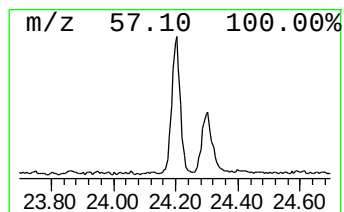
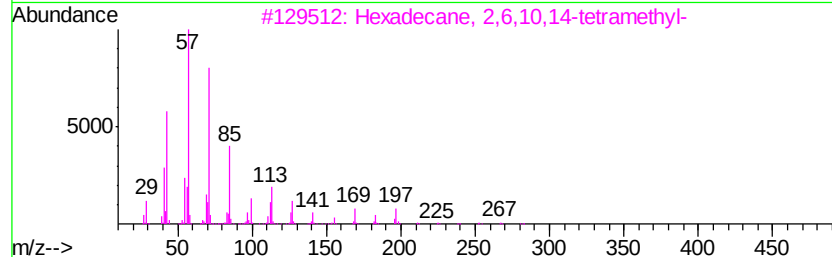
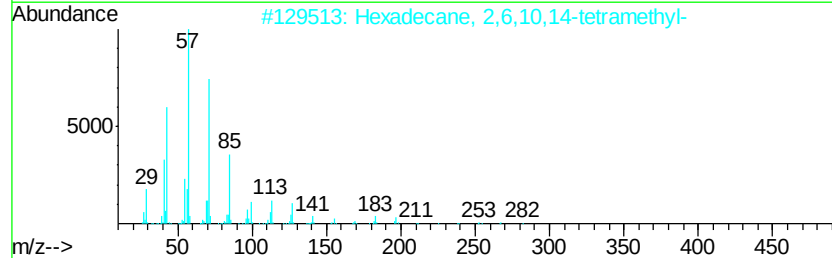
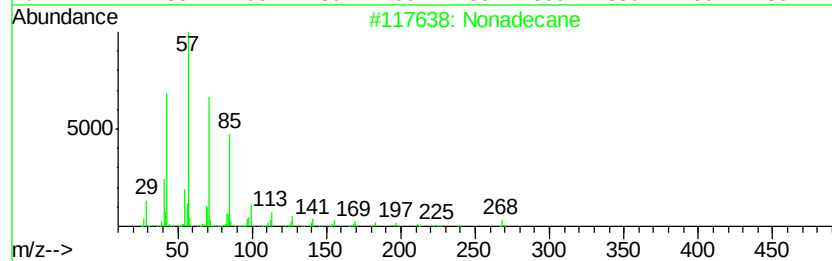
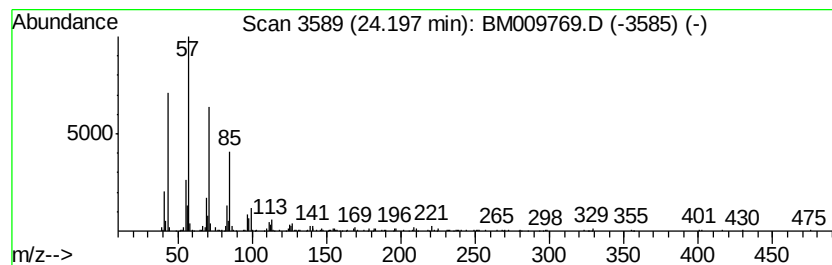
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	5.17 ng/ul	848653	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



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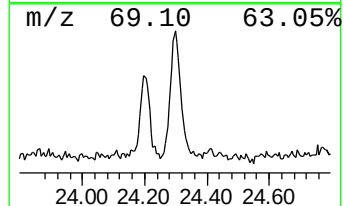
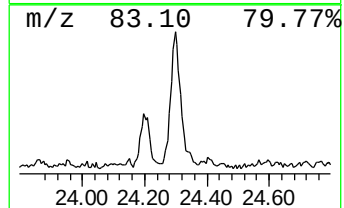
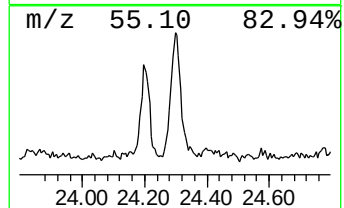
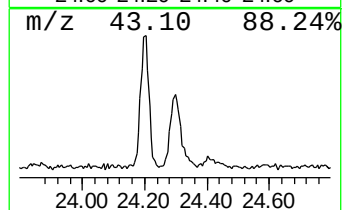
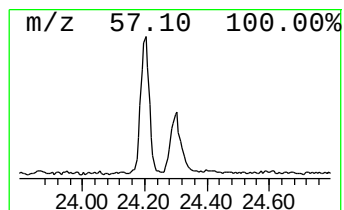
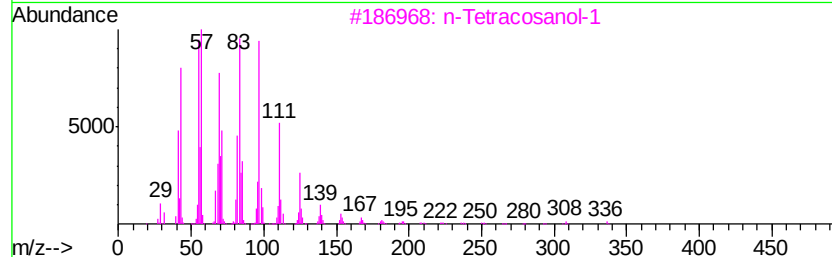
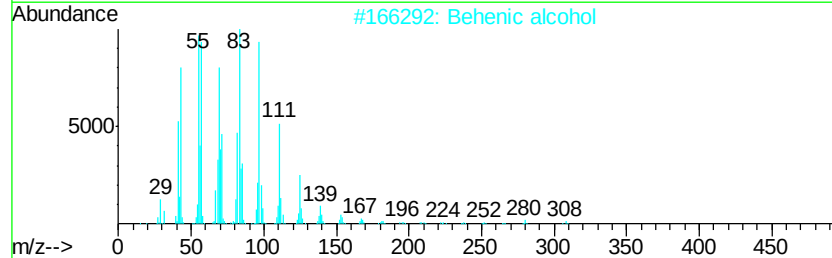
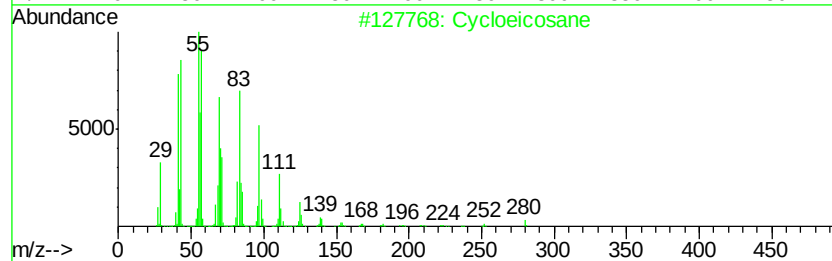
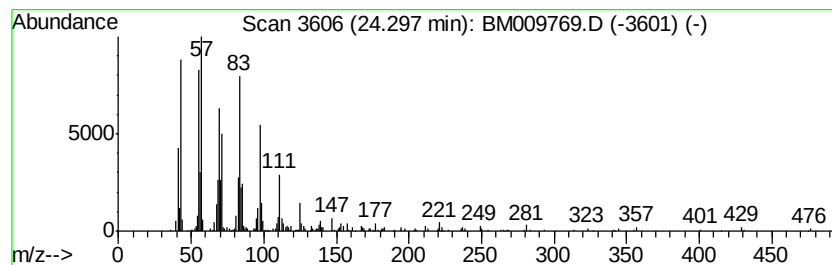
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic24.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
24.30	5.37 ng/ul	880762	Perylene-d12		23.71
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	91
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	1-Heptacosanol	396	C27H56O	002004-39-9	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009769.D
Acq On : 28 Apr 2017 08:28
Operator : SJ/MA
Sample : I2806-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

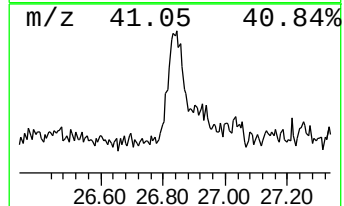
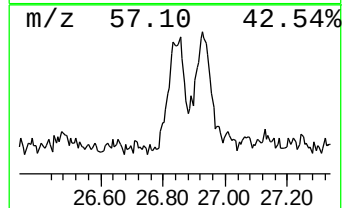
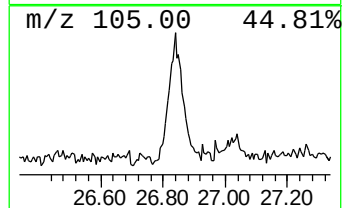
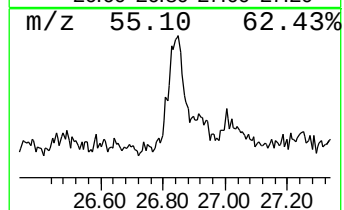
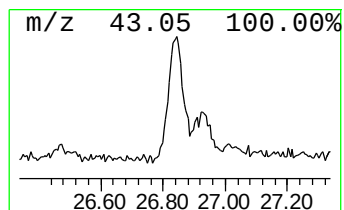
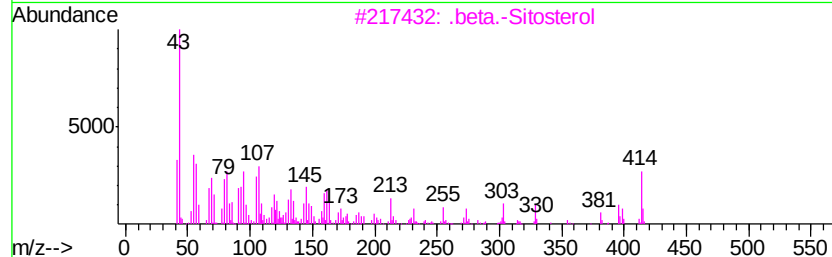
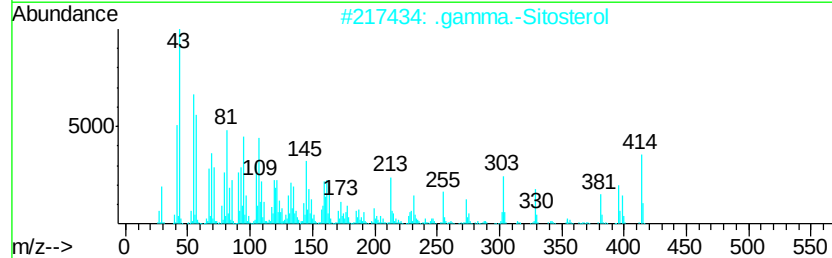
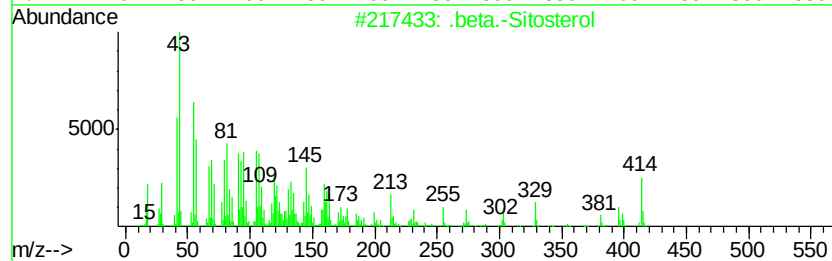
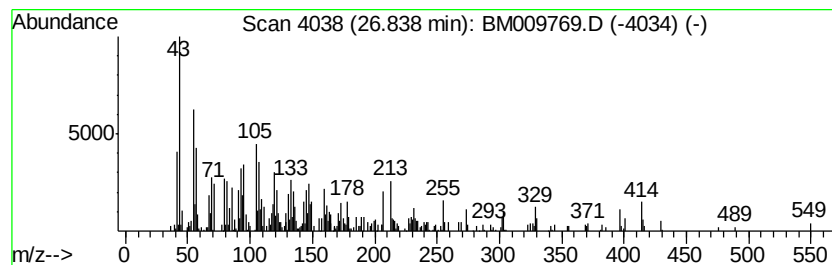
Instrument :
BNA_M
ClientSampleId :
JHT16

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 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.84	5.27 ng/ul	864988	Perylene-d12	23.71		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Sitosterol	414	C29H50O	000083-46-5	87
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	55
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	42
5		Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	11



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042717\
Data File : BM009769.D
Acq On : 28 Apr 2017 08:28
Operator : SJ/MA
Sample : I2806-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT16

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
n-Hexadecanoic acid	18.09	4.0	ng/ul	550158	4	17.22	2748460	20.0
1-Hexadecanol	21.09	6.4	ng/ul	1195370	5	21.40	3761130	20.0
(DEL) Alkane: Str...	22.95	4.2	ng/ul	691818	6	23.71	3283150	20.0
(DEL) Alkane: Str...	24.20	5.2	ng/ul	848653	6	23.71	3283150	20.0
(DEL) Alkane: Cyc...	24.30	5.4	ng/ul	880762	6	23.71	3283150	20.0
.beta.-Sitosterol	26.84	5.3	ng/ul	864988	6	23.71	3283150	20.0