

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
 Data File : BM009781.D
 Acq On : 28 Apr 2017 15:39
 Operator : SJ/MA
 Sample : I2845-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR0

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	3.305	34	37	44	rVB5	21586	33218	1.18%	0.095%
2	4.028	156	160	166	rVB3	27428	37391	1.33%	0.107%
3	6.981	655	662	675	rVB	382509	651264	23.12%	1.865%
4	7.157	685	692	699	rBV	280812	451506	16.03%	1.293%
5	7.351	719	725	734	rBV	377876	596690	21.19%	1.709%
6	7.816	798	804	811	rBV	460388	759589	26.97%	2.175%
7	8.522	916	924	930	rBV2	476851	774895	27.51%	2.219%
8	8.581	930	934	942	rVB2	105378	170185	6.04%	0.487%
9	8.987	995	1003	1011	rBV	398468	640205	22.73%	1.833%
10	9.704	1119	1125	1136	rVB2	317705	522276	18.54%	1.495%
11	10.234	1208	1215	1226	rBV	450747	797909	28.33%	2.285%
12	10.616	1273	1280	1288	rBV	684909	1145923	40.69%	3.281%
13	10.763	1297	1305	1319	rBV	378608	690489	24.52%	1.977%
14	13.874	1828	1834	1838	rBV	869557	1191537	42.31%	3.412%
15	13.922	1838	1842	1848	rVB	154406	212161	7.53%	0.607%
16	14.157	1876	1882	1892	rVB	910899	1334782	47.39%	3.822%
17	14.469	1928	1935	1944	rVB2	1038536	1604778	56.98%	4.595%
18	14.674	1962	1970	1984	rBV	423958	726339	25.79%	2.080%
19	15.292	2071	2075	2080	rVB4	34494	47608	1.69%	0.136%
20	15.463	2097	2104	2110	rBV	1260698	1806557	64.14%	5.173%
21	15.592	2120	2126	2137	rBV	406261	589192	20.92%	1.687%
22	15.698	2137	2144	2148	rVB6	29440	54148	1.92%	0.155%
23	16.157	2216	2222	2230	rBV4	46434	100698	3.58%	0.288%
24	16.604	2293	2298	2304	rBV5	20584	33560	1.19%	0.096%
25	16.945	2352	2356	2361	rBV5	23596	39450	1.40%	0.113%
26	17.215	2395	2402	2409	rBV	1500913	2046977	72.68%	5.861%
27	17.315	2413	2419	2428	rVV	1539779	2128537	75.58%	6.095%
28	18.092	2546	2551	2558	rBV2	187898	290358	10.31%	0.831%
29	19.057	2711	2715	2722	rVB2	32637	45641	1.62%	0.131%
30	19.145	2727	2730	2737	rBV5	36199	57409	2.04%	0.164%
31	19.368	2764	2768	2773	rBV2	116571	170000	6.04%	0.487%
32	19.609	2803	2809	2816	rBV	1987679	2677748	95.08%	7.667%
33	21.086	3056	3060	3065	rBV	435280	513857	18.24%	1.471%
34	21.292	3091	3095	3100	rVB	626020	713334	25.33%	2.043%

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Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	21.398	3108	3113	3117	rBV	2166612	2793497	99.19%	7.999%
36	21.962	3205	3209	3212	rBV	901731	1127871	40.05%	3.229%
37	22.950	3373	3377	3383	rVB	1119785	1670880	59.33%	4.784%
38	23.556	3474	3480	3498	rVB2	1284316	2816449	100.00%	8.064%
39	23.709	3500	3506	3515	rVB2	1204000	2348173	83.37%	6.724%
40	25.444	3797	3801	3810	rVB5	225801	511207	18.15%	1.464%

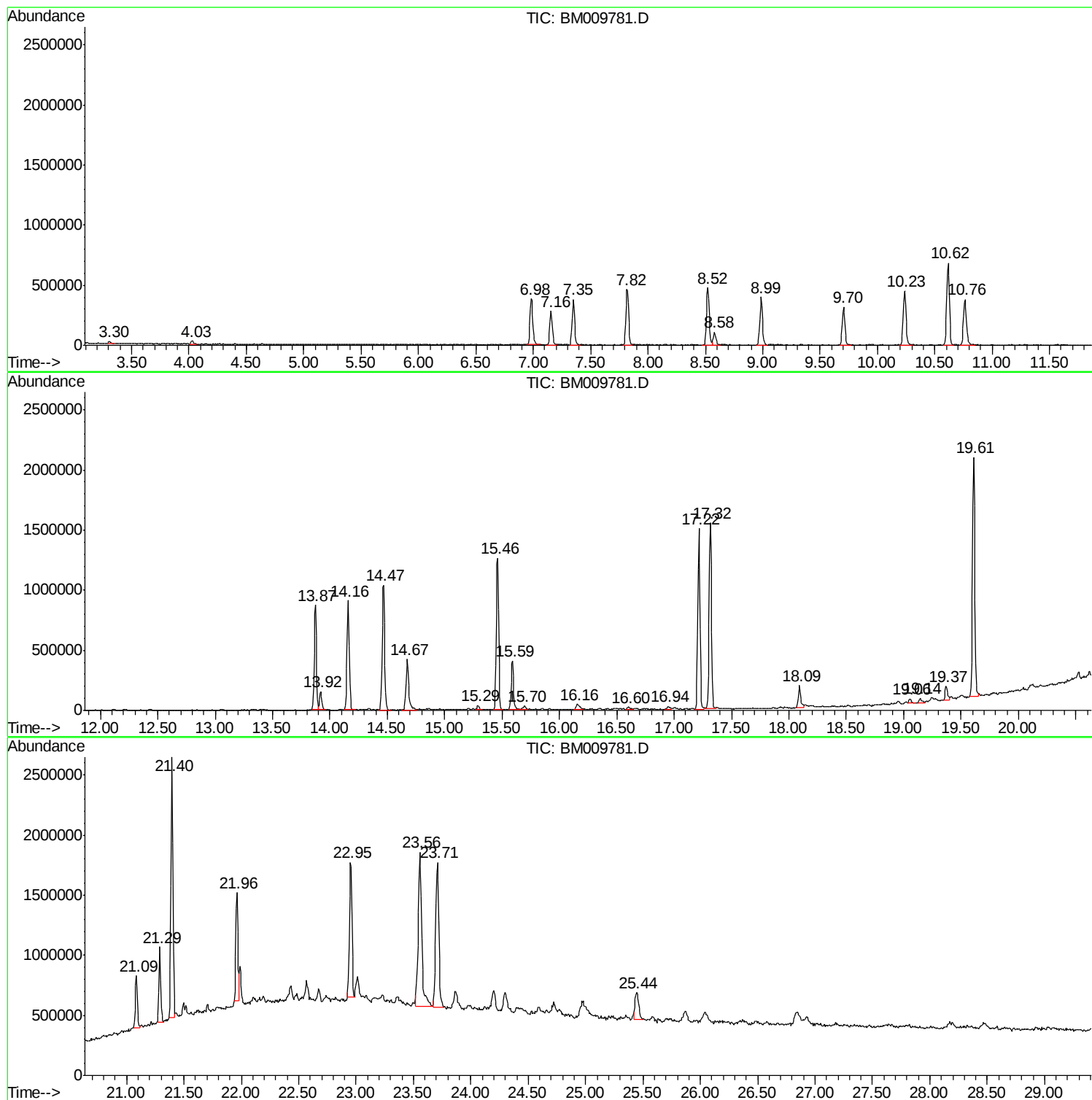
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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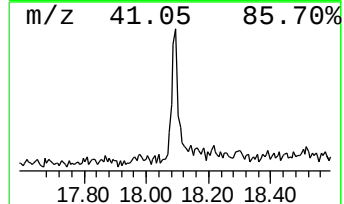
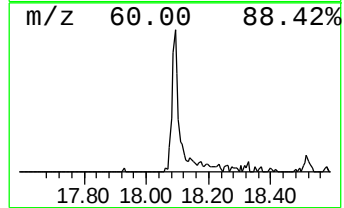
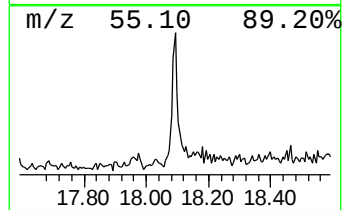
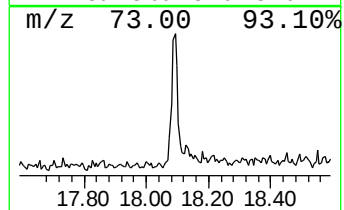
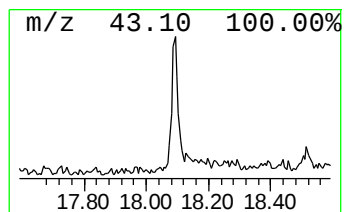
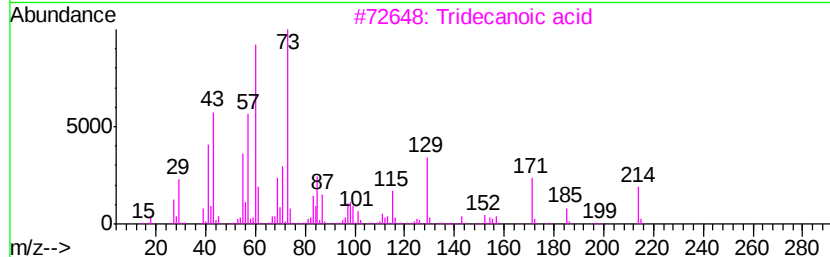
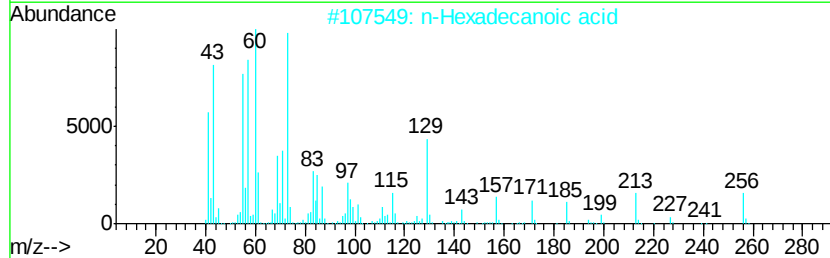
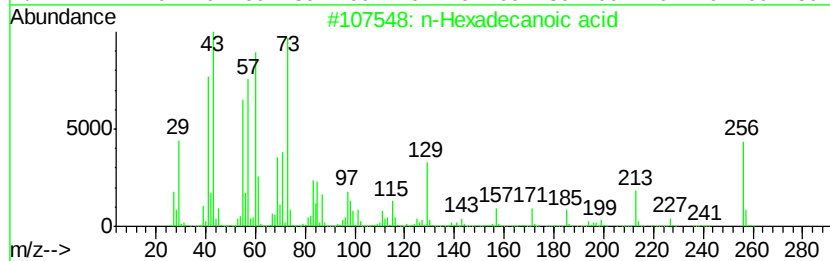
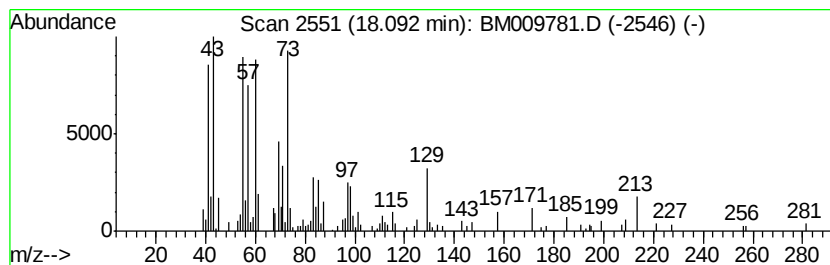
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	2.84 ng/ul	290358	Phenanthrene-d10	17.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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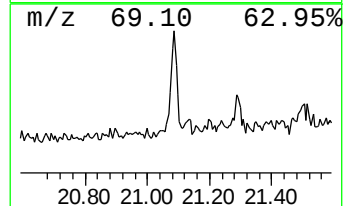
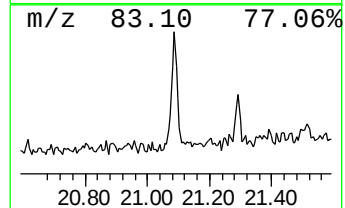
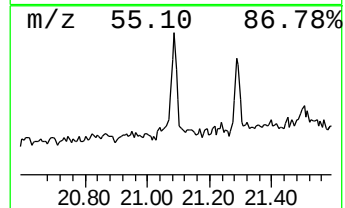
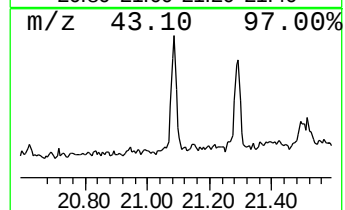
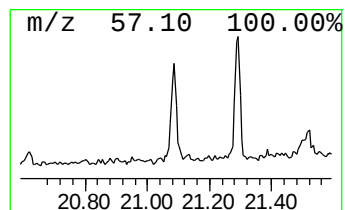
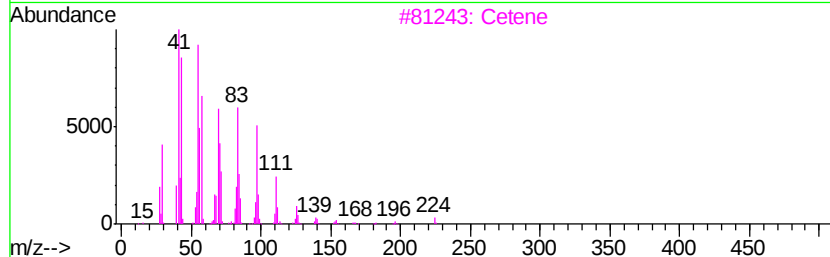
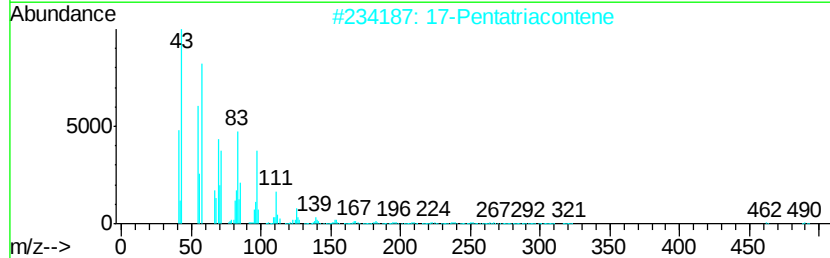
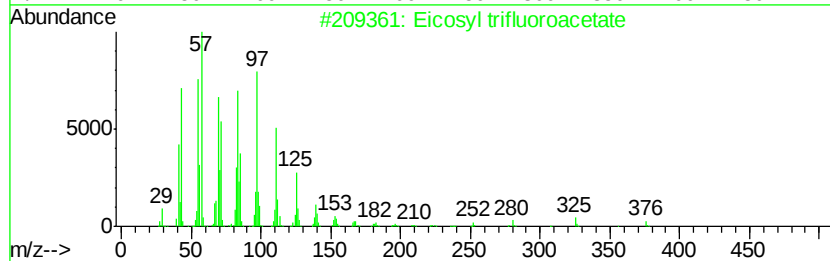
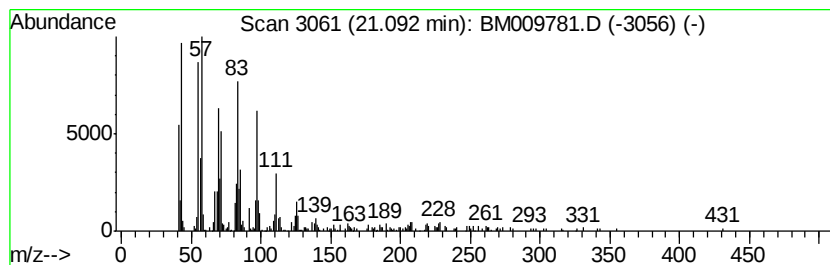
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Eicosyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	3.68 ng/ul	513857	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosyl	trifluoroacetate	394	C22H41F3O2	1000351-75-2	91	
2	17-Pentatriacontene	491	C35H70	006971-40-0	90		
3	Cetene	224	C16H32	000629-73-2	89		
4	Octadecyl	trifluoroacetate	366	C20H37F3O2	079392-43-1	87	
5	1-Hexacosanol	382	C26H54O	000506-52-5	87		



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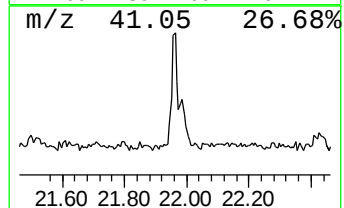
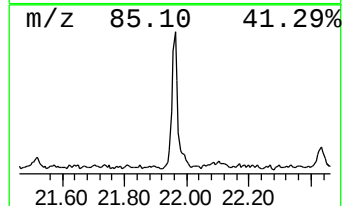
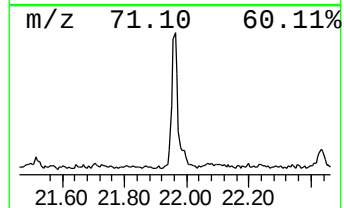
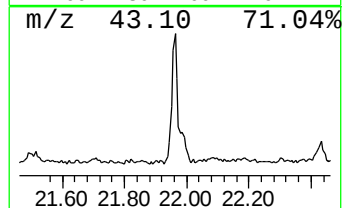
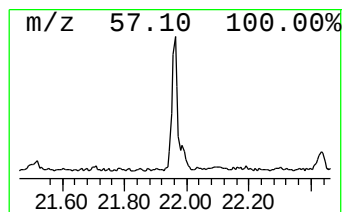
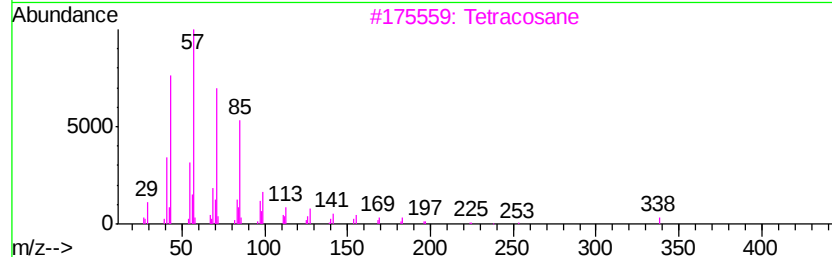
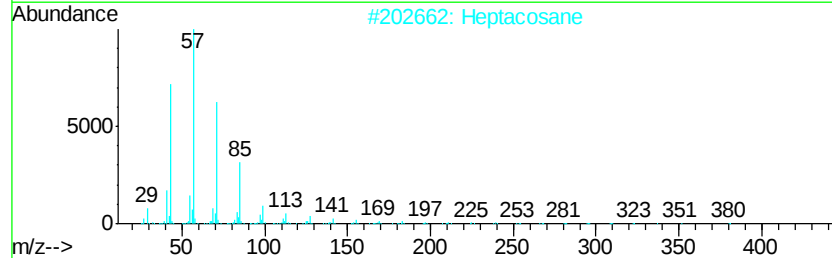
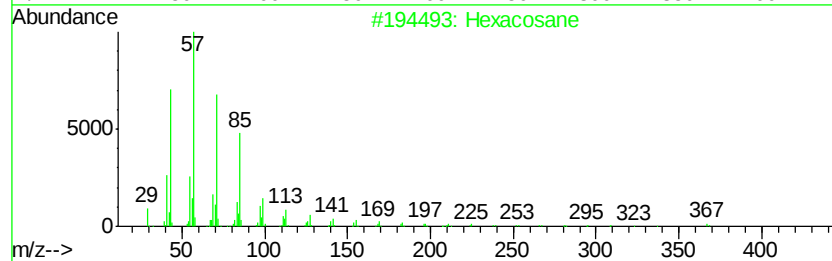
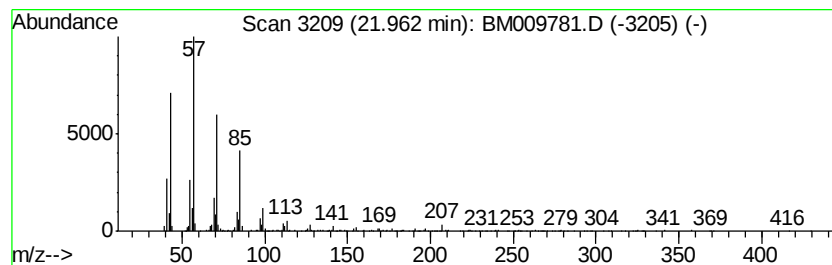
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	8.07 ng/ul	1127870	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetracosane	338	C24H50	000646-31-1	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Nonadecane	268	C19H40	000629-92-5	83



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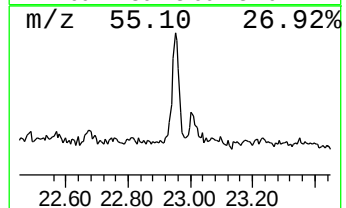
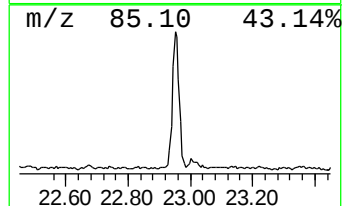
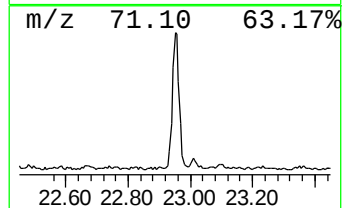
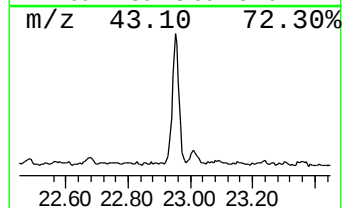
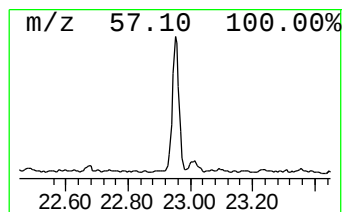
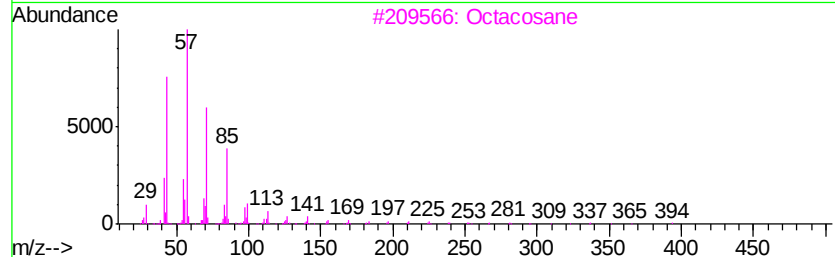
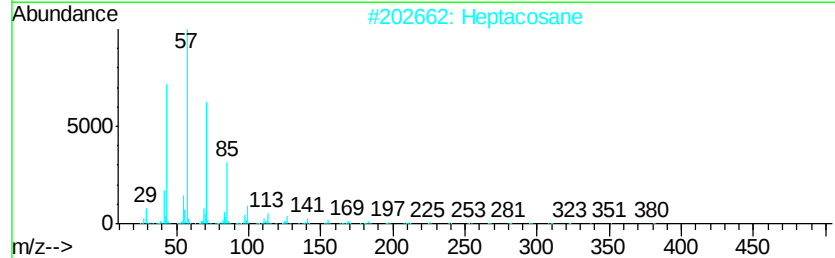
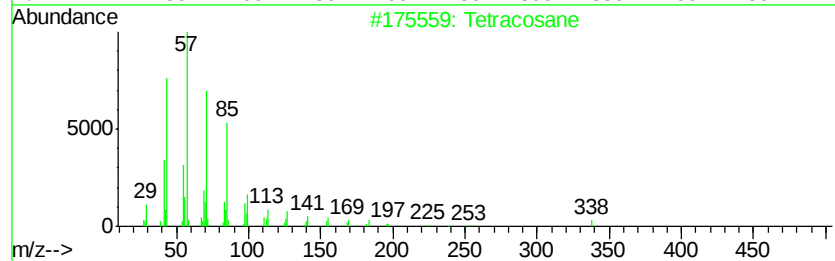
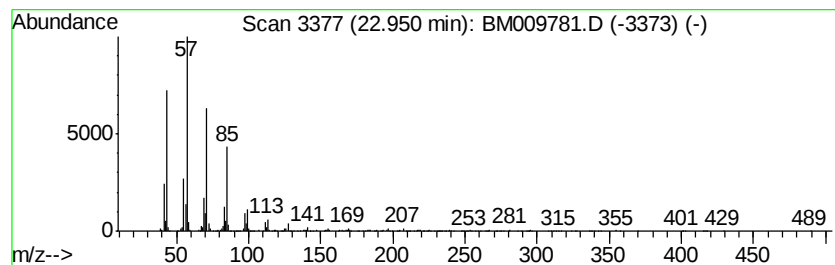
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	14.23 ng/ul	1670880	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	90



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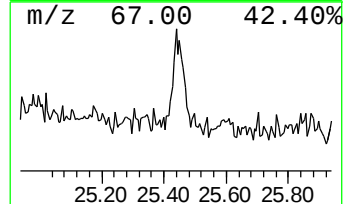
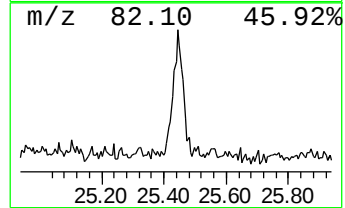
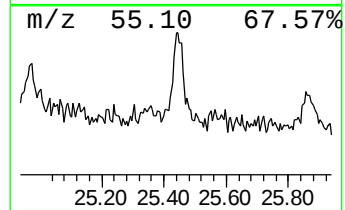
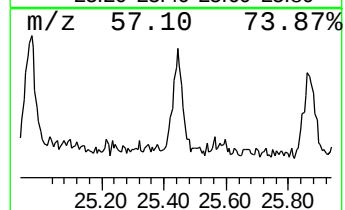
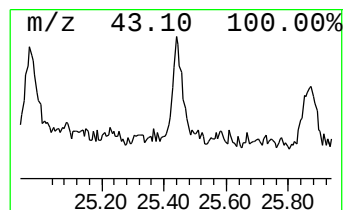
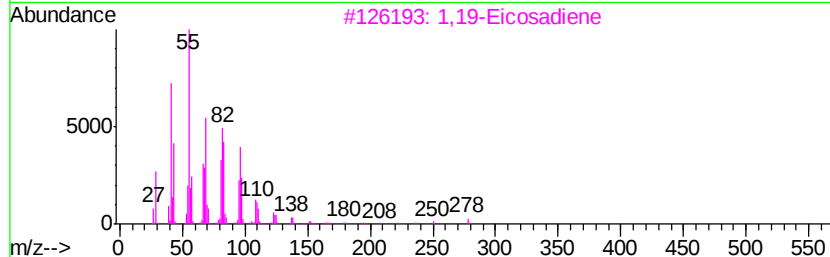
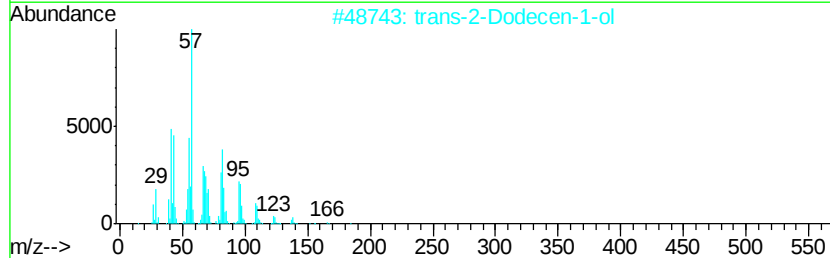
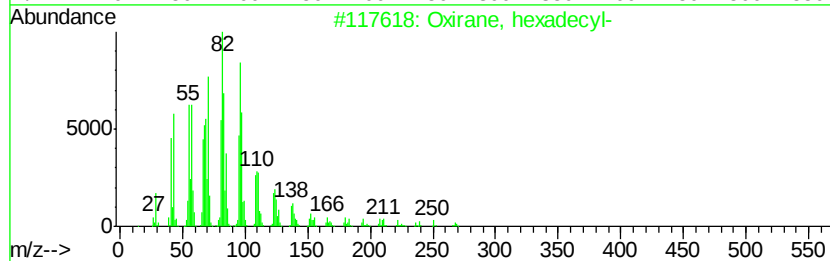
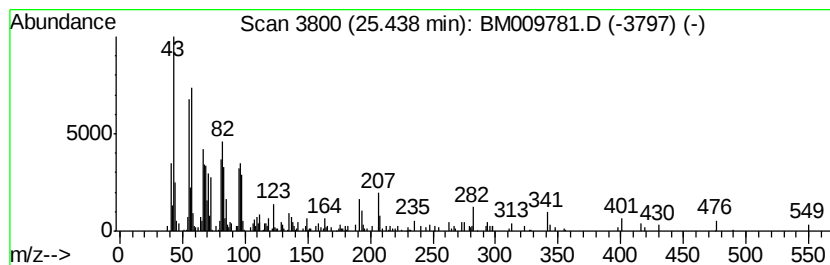
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Peak Number 5 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.44	4.35 ng/ul	511207	Perylene-d12	23.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	62	
2	trans-2-Dodecen-1-ol	184	C12H24O	069064-37-5	59	
3	1,19-Eicosadiene	278	C20H38	014811-95-1	46	
4	Bicyclo[4.1.0]heptane, 7-butyl-	152	C11H20	018645-10-8	46	
5	Cyclododecanol	184	C12H24O	001724-39-6	43	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042817\
Data File : BM009781.D
Acq On : 28 Apr 2017 15:39
Operator : SJ/MA
Sample : I2845-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSR0

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	2.8	ng/ul	290358	4	17.22	2046980	20.0
Eicosyl trifluoro...	21.09	3.7	ng/ul	513857	5	21.40	2793500	20.0
(DEL) Alkane: Str...	21.96	8.1	ng/ul	1127870	5	21.40	2793500	20.0
(DEL) Alkane: Str...	22.95	14.2	ng/ul	1670880	6	23.71	2348170	20.0
Oxirane, hexadecyl-	25.44	4.3	ng/ul	511207	6	23.71	2348170	20.0