

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010291.D
 Acq On : 28 May 2017 00:32
 Operator : SJ/MA
 Sample : I3162-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSE9

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-BM052717.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	7.116	676	685	696	rBV	1229342	2124810	18.24%	1.846%
2	7.269	705	711	722	rBV	922491	1425656	12.24%	1.239%
3	7.469	738	745	758	rVB	1420042	2275986	19.54%	1.978%
4	7.928	816	823	833	rBV	1746641	2724334	23.39%	2.367%
5	8.651	937	946	964	rBV	1628043	2726648	23.41%	2.369%
6	9.116	1015	1025	1033	rBV	1229277	2036232	17.48%	1.769%
7	9.828	1138	1146	1156	rBV	1107746	1858530	15.96%	1.615%
8	10.357	1229	1236	1248	rBV	1769119	3080024	26.45%	2.676%
9	10.733	1292	1300	1308	rBV	2018109	3380504	29.03%	2.937%
10	10.898	1322	1328	1340	rBV	683207	1362792	11.70%	1.184%
11	13.974	1845	1851	1856	rBV	3369868	4678642	40.17%	4.066%
12	14.021	1856	1859	1866	rVB	1205191	1604789	13.78%	1.394%
13	14.263	1893	1900	1908	rBV	3514060	5068378	43.52%	4.404%
14	14.392	1919	1922	1927	rVB2	96244	123350	1.06%	0.107%
15	14.563	1941	1951	1961	rBV2	2939490	4506237	38.69%	3.916%
16	14.804	1982	1992	2004	rBV	1169734	2103004	18.06%	1.827%
17	15.345	2080	2084	2087	rVB2	113143	121568	1.04%	0.106%
18	15.551	2113	2119	2128	rBV	4381673	6502935	55.84%	5.651%
19	15.674	2135	2140	2146	rBV	1533525	2015915	17.31%	1.752%
20	16.204	2226	2230	2245	rVB	151437	303836	2.61%	0.264%
21	17.162	2387	2393	2397	rBV9	91770	167565	1.44%	0.146%
22	17.309	2411	2418	2427	rVB	4003381	5626343	48.31%	4.889%
23	17.409	2429	2435	2446	rVV2	4910998	7228154	62.06%	6.281%
24	17.921	2518	2522	2526	rBV	125226	164252	1.41%	0.143%
25	18.039	2537	2542	2549	rBV7	139640	287233	2.47%	0.250%
26	18.103	2549	2553	2557	rVB6	114748	135042	1.16%	0.117%
27	18.156	2557	2562	2568	rBV	1099535	1544212	13.26%	1.342%
28	18.462	2609	2614	2622	rVB3	418970	666366	5.72%	0.579%
29	19.056	2711	2715	2718	rBV5	133794	225615	1.94%	0.196%
30	19.092	2718	2721	2724	rVV2	372071	451868	3.88%	0.393%
31	19.127	2724	2727	2732	rVB2	306940	385932	3.31%	0.335%
32	19.321	2756	2760	2761	rBV3	104876	145452	1.25%	0.126%
33	19.427	2774	2778	2790	rBV3	456222	782412	6.72%	0.680%
34	19.692	2817	2823	2830	rBV	7236942	9567781	82.15%	8.314%

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35	20.162	2900	2903	2909	rBV4	192639	234168	2.01%	0.203%
36	20.509	2958	2962	2964	rBV5	179728	311860	2.68%	0.271%
37	21.115	3062	3065	3067	rBV	548263	614421	5.28%	0.534%
38	21.468	3121	3125	3132	rVB	6780841	8140516	69.90%	7.074%
39	21.991	3211	3214	3218	rVB	739677	824028	7.08%	0.716%
40	22.715	3335	3337	3346	rVB5	700217	922527	7.92%	0.802%
41	22.985	3380	3383	3388	rVB	729949	995955	8.55%	0.865%
42	23.668	3493	3499	3508	rVB2	6261566	11646181	100.00%	10.120%
43	23.821	3519	3525	3534	rVB	4221871	8395812	72.09%	7.296%
44	27.397	4126	4133	4141	rVB3	2063165	5593150	48.03%	4.860%

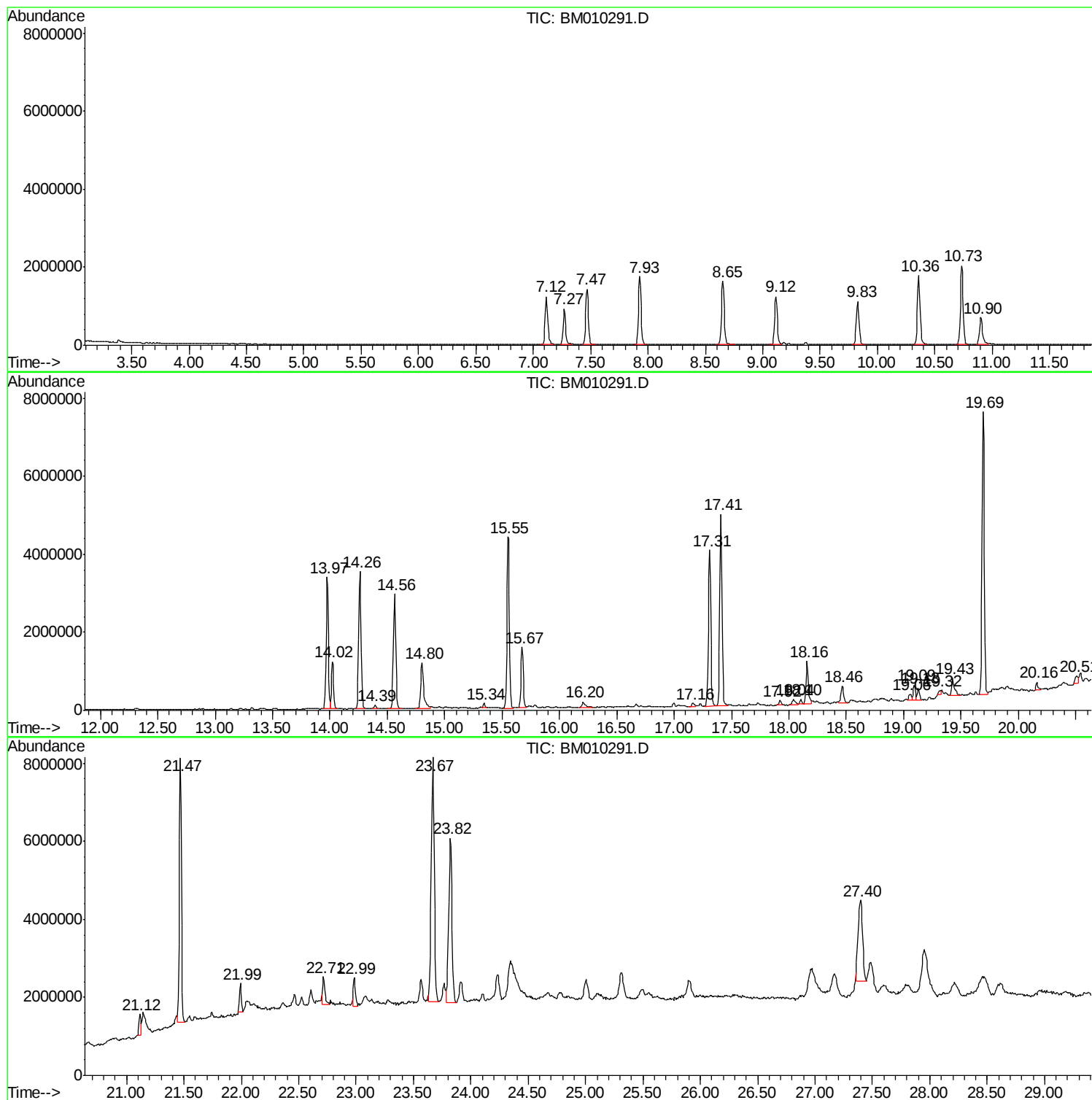
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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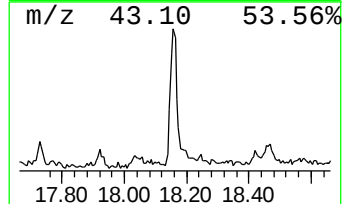
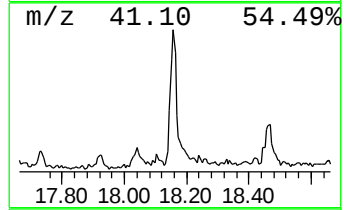
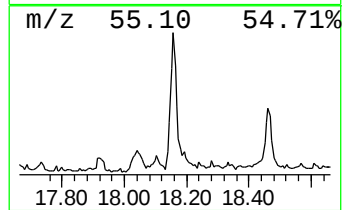
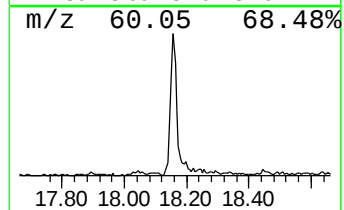
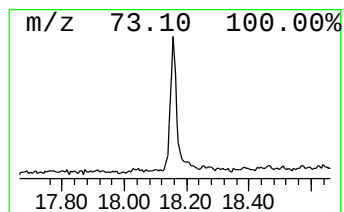
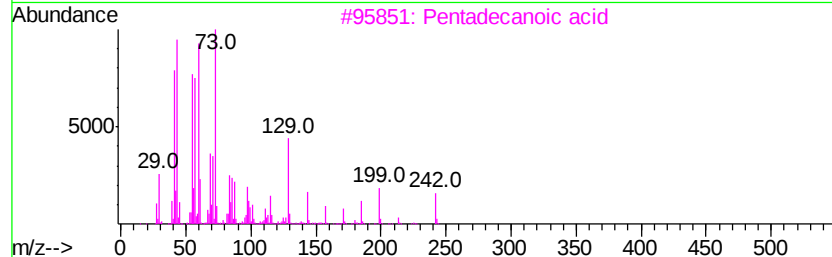
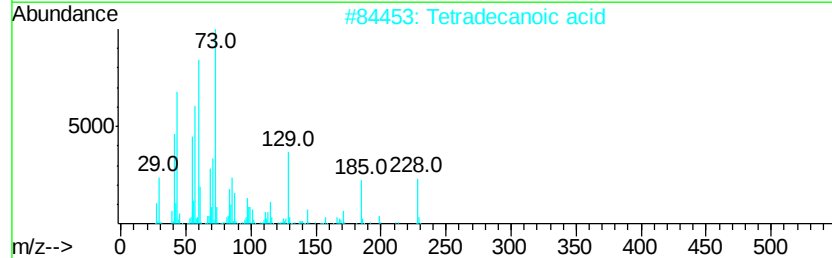
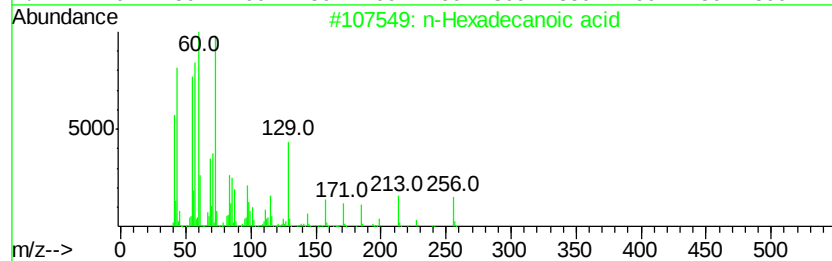
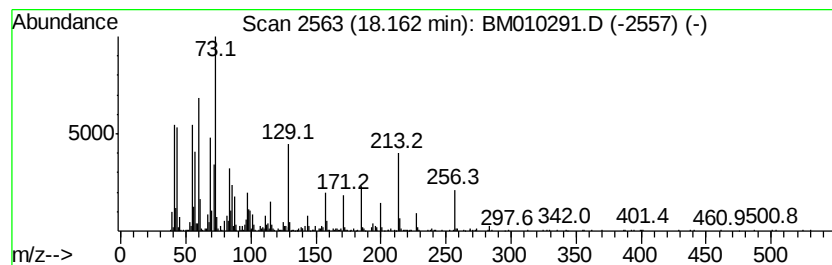
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.49 ng/ul	1544210	Phenanthrene-d10	17.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
4	Undecanoic acid	186	C11H22O2	000112-37-8	68	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60	



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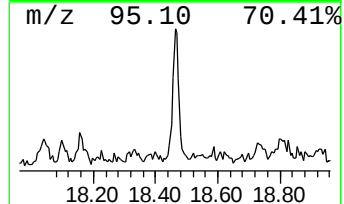
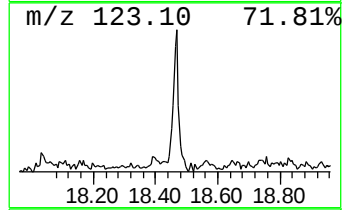
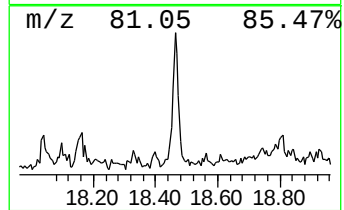
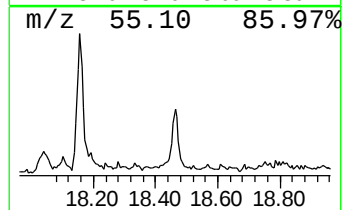
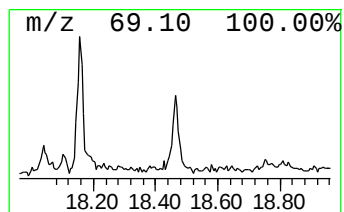
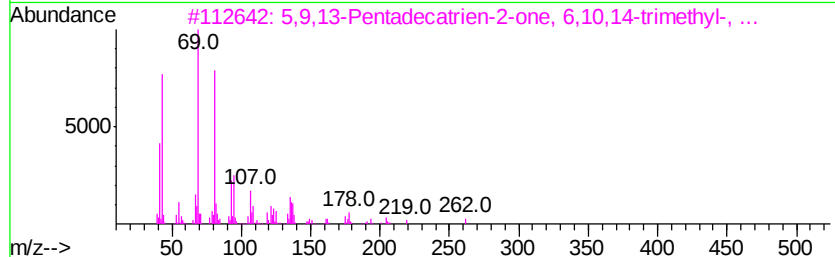
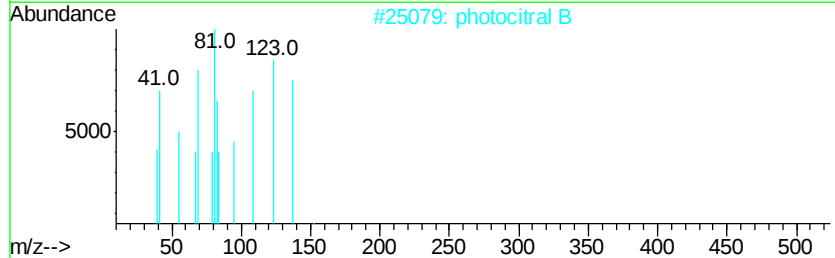
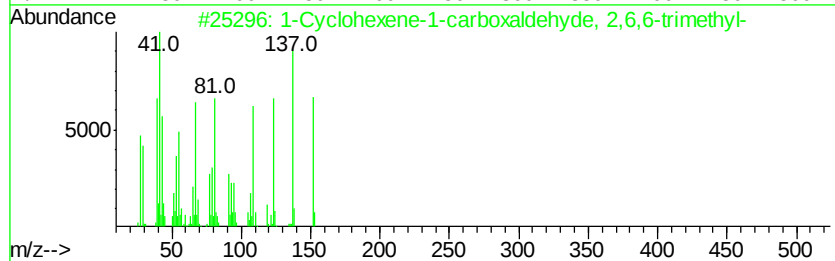
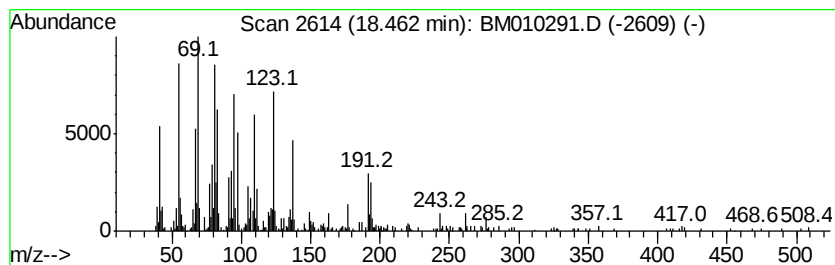
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Peak Number 2 1-Cyclohexene-1-carboxaldeh... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.37 ng/ul	666366	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene-1-carboxaldehde, ...	152	C10H16O	000432-25-7	72
2		photocitral B	152	C10H16O	006040-45-5	49
3		5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	49
4		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	47
5		Cyclopentanecarboxylic acid, 3-m...	262	C17H26O2	074793-59-2	46



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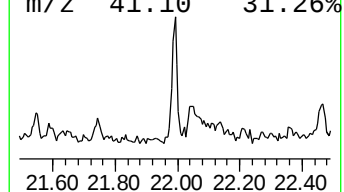
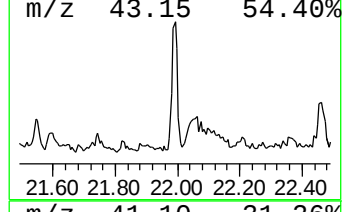
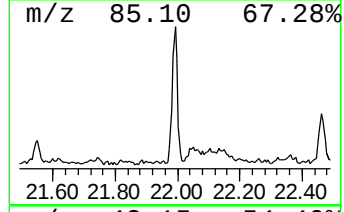
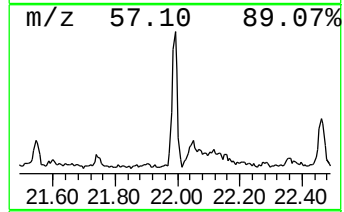
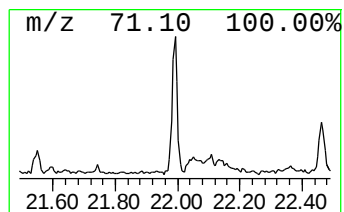
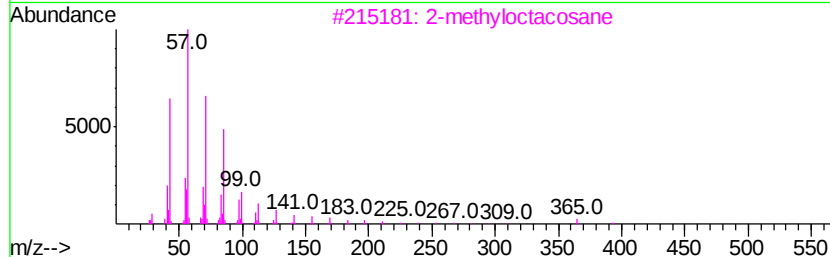
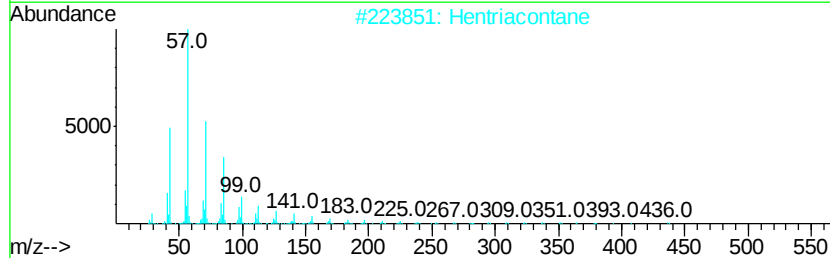
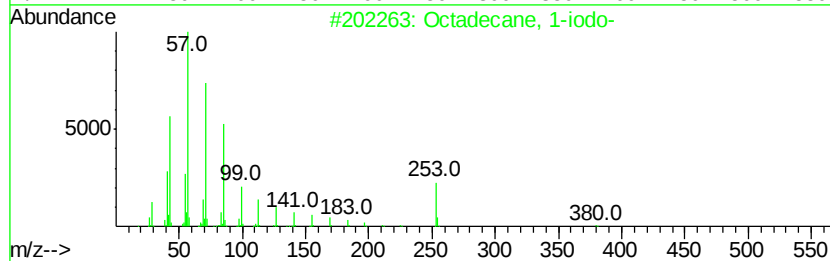
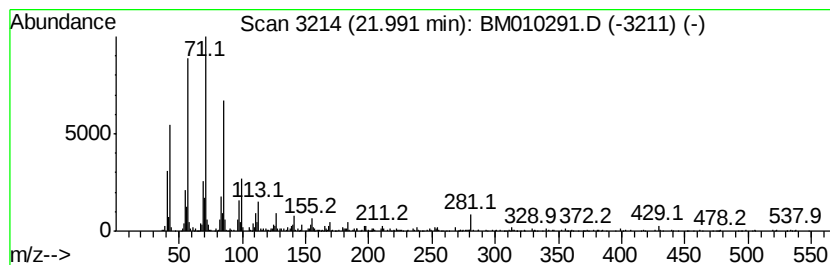
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	2.02 ng/ul	824028	Chrysene-d12	21.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	90
2	Hentriacontane	437 C31H64	000630-04-6	87
3	2-methyloctacosane	408 C29H60	1000376-72-8	87
4	Heneicosane	296 C21H44	000629-94-7	83
5	Tetracosane	338 C24H50	000646-31-1	83



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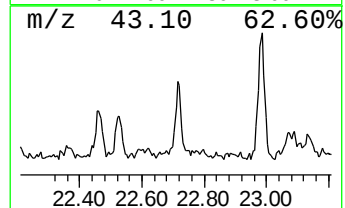
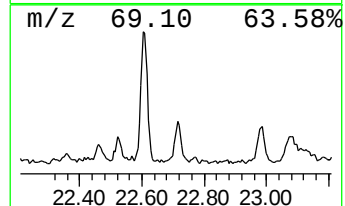
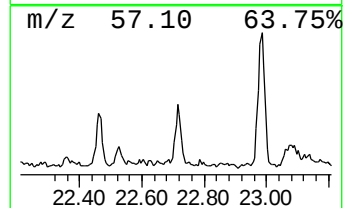
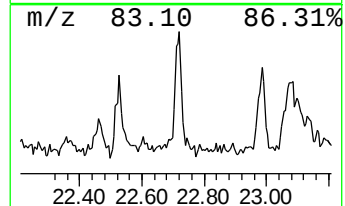
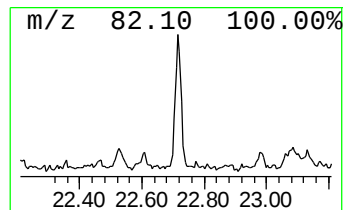
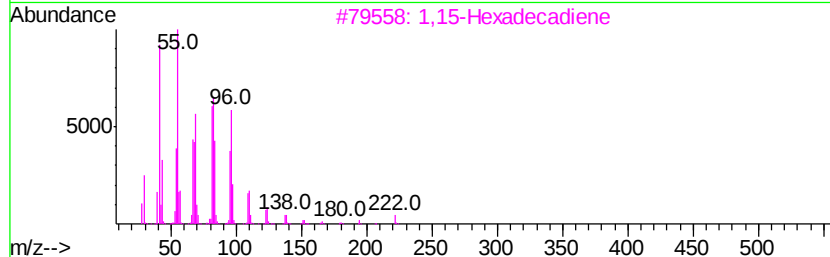
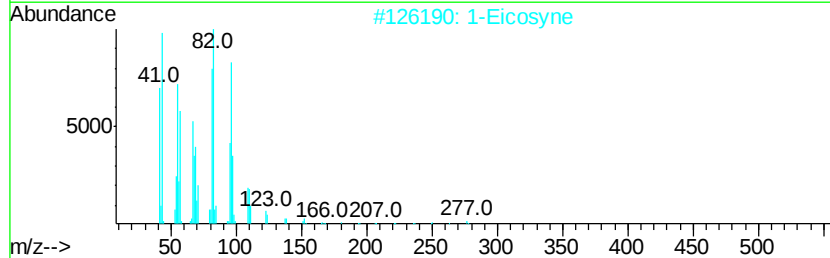
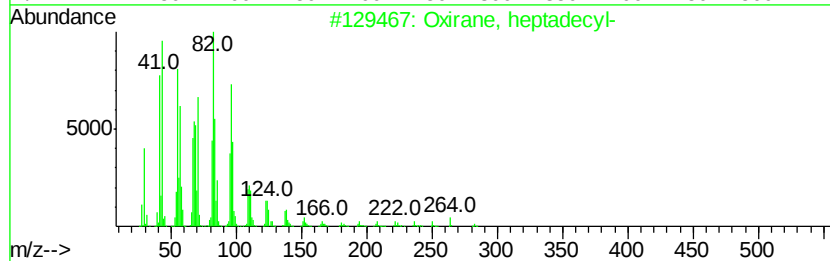
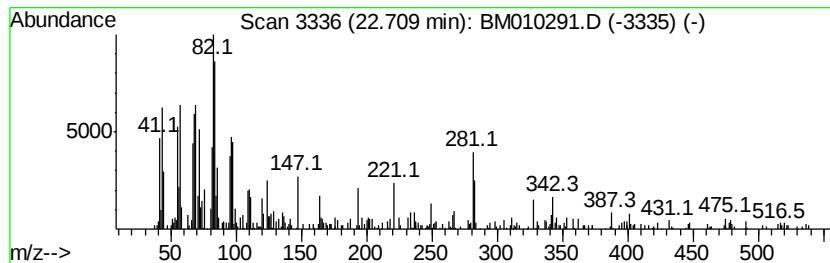
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Peak Number 4 Oxirane, heptadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.20 ng/ul	922527	Perylene-d12	23.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxirane, heptadecyl-	282 C19H380	067860-04-2	86
2	1-Eicosyne	278 C20H38	000765-27-5	86
3	1,15-Hexadecadiene	222 C16H30	021964-51-2	83
4	Tetradecanal	212 C14H28O	000124-25-4	78
5	Z-2-Octadecen-1-ol	268 C18H36O	1000131-11-0	68



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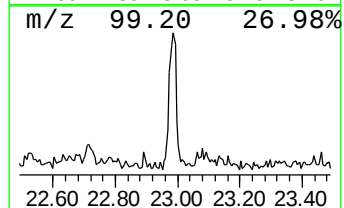
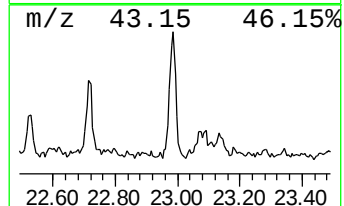
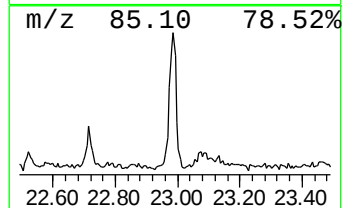
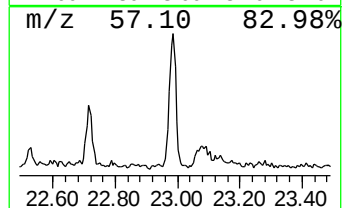
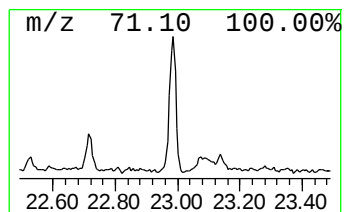
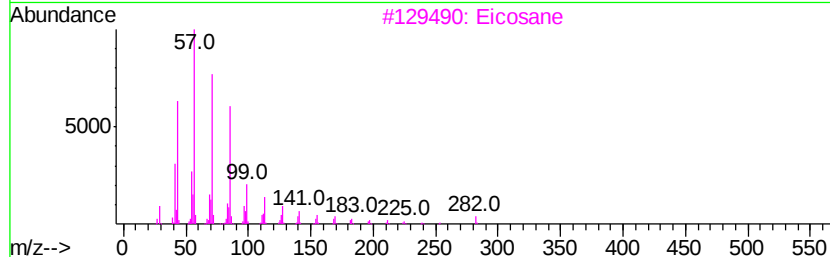
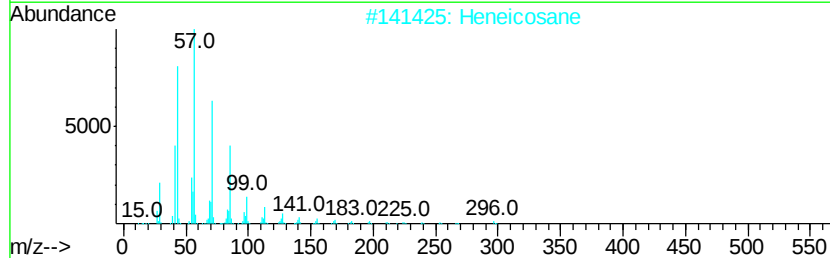
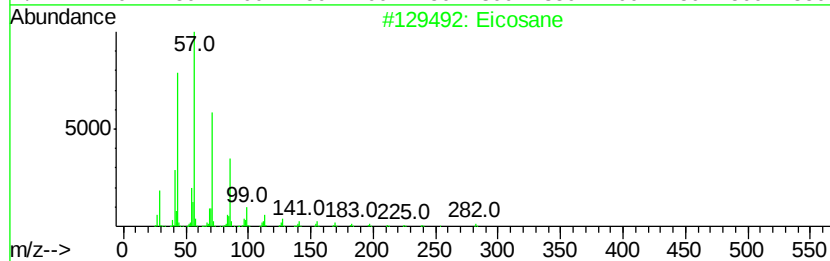
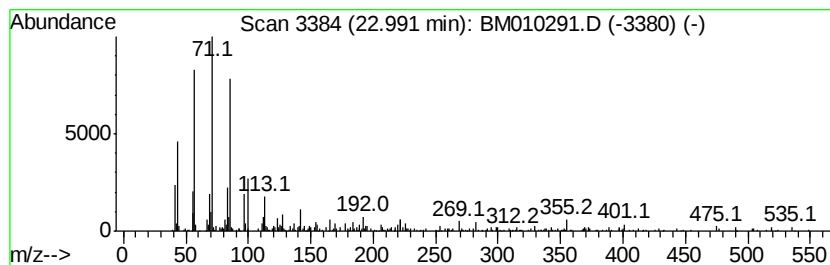
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.37 ng/ul	995955	Perylene-d12	23.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	89
4		Tetratetracontane	619	C44H90	007098-22-8	81
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052717\
Data File : BM010291.D
Acq On : 28 May 2017 00:32
Operator : SJ/MA
Sample : I3162-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSE9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.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	18.16	5.5	ng/ul	1544210	4	17.31	5626340	20.0
1-Cyclohexene-1-c...	18.46	2.4	ng/ul	666366	4	17.31	5626340	20.0
Octadecane, 1-iodo-	21.99	2.0	ng/ul	824028	5	21.47	8140520	20.0
Oxirane, heptadecyl-	22.71	2.2	ng/ul	922527	6	23.82	8395810	20.0
(DEL) Alkane: Str...	22.99	2.4	ng/ul	995955	6	23.82	8395810	20.0
unknown-01	27.40	13.3	ng/ul	5593150	6	23.82	8395810	20.0