

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008889.D
 Acq On : 26 Jan 2017 23:25
 Operator : SJ/MA
 Sample : I1426-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMX8

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-BM012317.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	3.381	132	135	141	rVB2	29620	41455	1.41%	0.128%
2	7.075	757	763	777	rVB3	602788	1056320	36.02%	3.270%
3	7.257	786	794	802	rVB	374877	572610	19.52%	1.773%
4	7.457	820	828	837	rBV	580026	929851	31.70%	2.878%
5	7.928	900	908	914	rBV	360516	577780	19.70%	1.789%
6	8.622	1019	1026	1035	rBV	632864	1012344	34.52%	3.134%
7	9.092	1098	1106	1113	rBV	600378	978688	33.37%	3.030%
8	9.810	1220	1228	1239	rVB	557811	881179	30.05%	2.728%
9	10.339	1311	1318	1325	rBV	688578	1141086	38.91%	3.532%
10	10.728	1377	1384	1392	rBV	424494	697205	23.77%	2.158%
11	10.863	1400	1407	1415	rBV	474864	807633	27.54%	2.500%
12	13.439	1840	1845	1850	rBV2	43750	63247	2.16%	0.196%
13	13.969	1927	1935	1939	rBV	1166891	1526384	52.04%	4.725%
14	14.016	1939	1943	1949	rVB	383441	524043	17.87%	1.622%
15	14.257	1976	1984	1991	rBV	1084087	1593764	54.34%	4.934%
16	14.563	2029	2036	2044	rVB	609548	874832	29.83%	2.708%
17	14.745	2055	2067	2077	rBV	640599	905537	30.88%	2.803%
18	15.386	2173	2176	2183	rVB2	28714	36572	1.25%	0.113%
19	15.557	2199	2205	2211	rBV	1428821	1987934	67.78%	6.154%
20	15.669	2216	2224	2234	rBV	579776	813209	27.73%	2.517%
21	15.798	2240	2246	2251	rVB4	23421	44483	1.52%	0.138%
22	16.251	2318	2323	2326	rBV2	39692	54435	1.86%	0.169%
23	17.045	2454	2458	2462	rVB2	40835	45534	1.55%	0.141%
24	17.310	2496	2503	2512	rBV2	749514	1099085	37.48%	3.402%
25	17.410	2512	2520	2526	rBV	1580284	2260980	77.09%	6.999%
26	17.668	2559	2564	2575	rBV	331567	450710	15.37%	1.395%
27	17.780	2578	2583	2587	rVB2	48191	64690	2.21%	0.200%
28	18.057	2624	2630	2634	rBV6	14971	31298	1.07%	0.097%
29	18.180	2646	2651	2657	rBV	221566	301262	10.27%	0.933%
30	18.474	2695	2701	2706	rBV3	58757	81095	2.77%	0.251%
31	19.039	2792	2797	2804	rBV	980704	1122310	38.27%	3.474%
32	19.104	2805	2808	2811	rVV2	40227	46231	1.58%	0.143%
33	19.333	2839	2847	2850	rBV5	53541	127068	4.33%	0.393%
34	19.451	2863	2867	2871	rBV4	99300	126902	4.33%	0.393%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	19.604	2890	2893	2897	rVB5	50322	55021	1.88%	0.170%
36	19.698	2902	2909	2917	rVB	2007119	2886942	98.44%	8.937%
37	20.215	2994	2997	3001	rVB5	38334	49147	1.68%	0.152%
38	20.545	3047	3053	3056	rBV6	72679	119187	4.06%	0.369%
39	20.662	3070	3073	3077	rVB6	37627	48664	1.66%	0.151%
40	20.698	3077	3079	3084	rBV6	22145	34805	1.19%	0.108%
41	21.162	3155	3158	3164	rBV3	178451	222638	7.59%	0.689%
42	21.474	3206	3211	3217	rBV	1189043	1545624	52.70%	4.785%
43	22.674	3413	3415	3422	rVB7	83019	146185	4.98%	0.453%
44	23.686	3579	3587	3596	rBV	1530529	2932832	100.00%	9.079%
45	23.839	3606	3613	3623	rVB2	681290	1385810	47.25%	4.290%

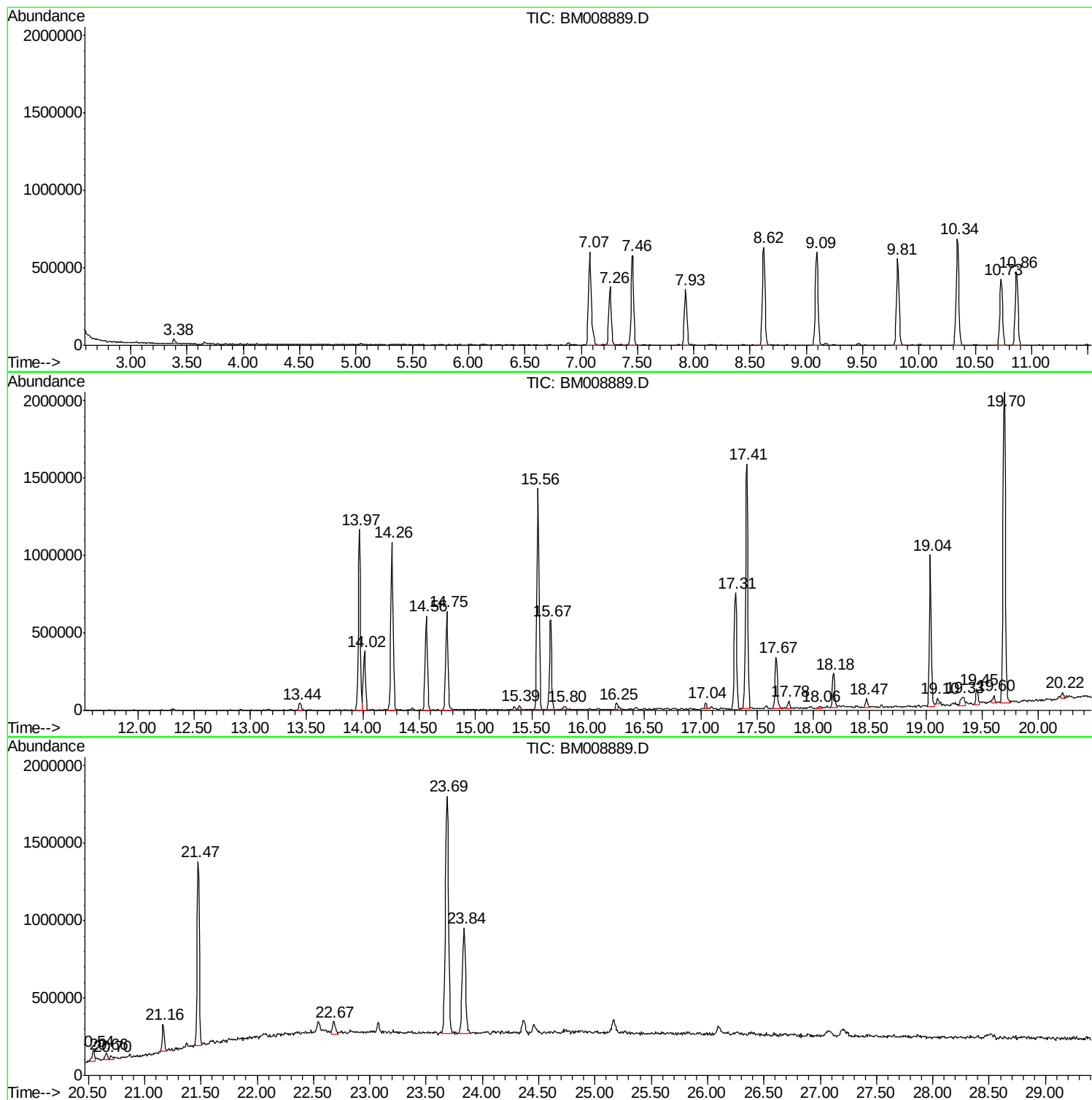
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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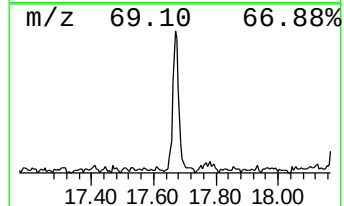
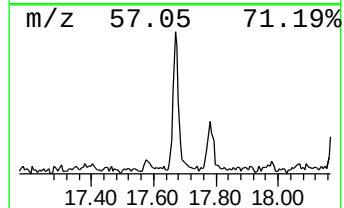
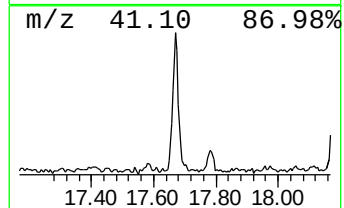
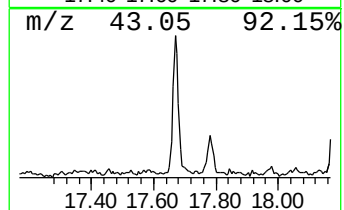
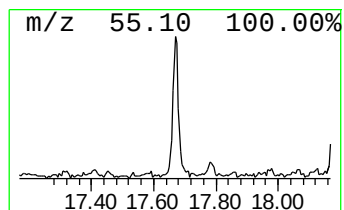
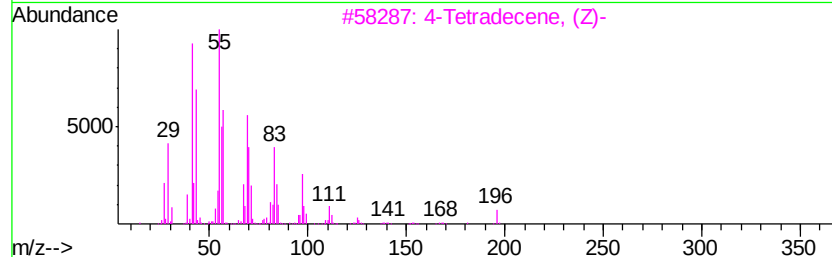
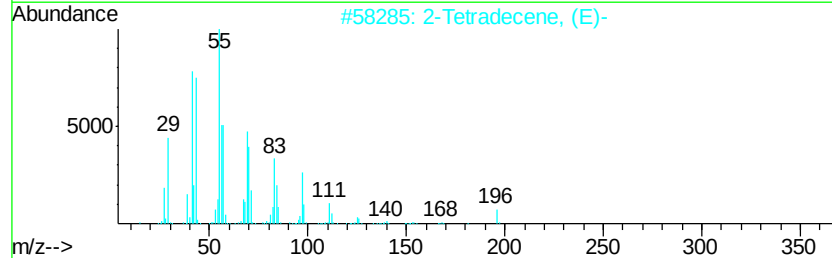
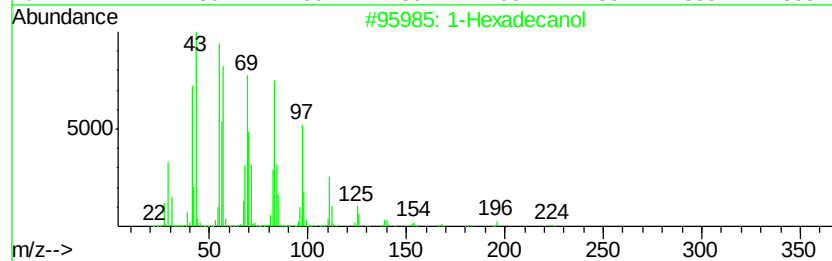
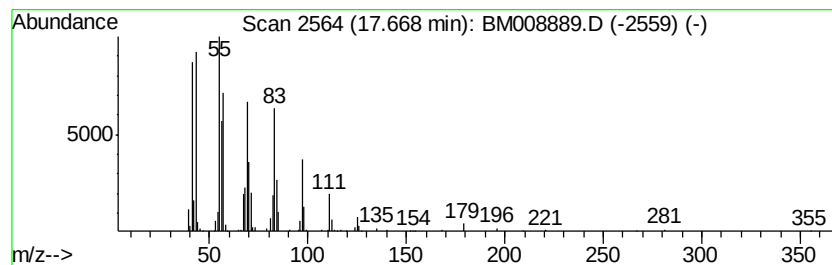
Instrument :
BNA_M
ClientSampleId :
BDMX8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.67	8.20 ng/ul	450710	Phenanthrene-d10	17.31		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	90
2	2-Tetradecene, (E)-		196	C14H28	035953-54-9	90
3	4-Tetradecene, (Z)-		196	C14H28	041446-65-5	89
4	Cyclotetradecane		196	C14H28	000295-17-0	89
5	Acetic acid, trifluoro-, undecyl...		268	C13H23F3O2	053800-01-4	87



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Instrument :
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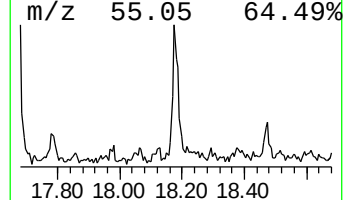
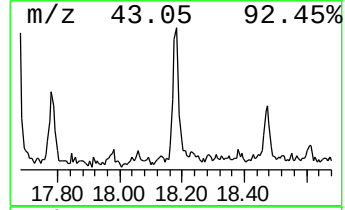
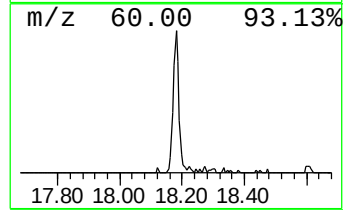
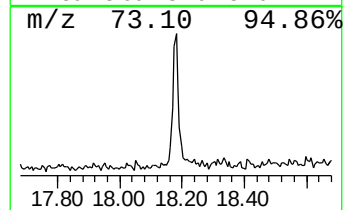
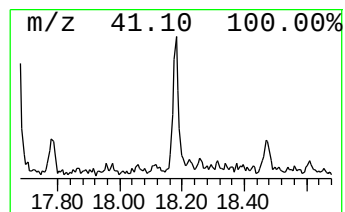
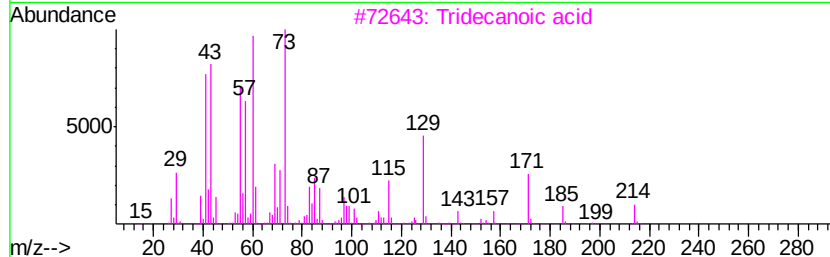
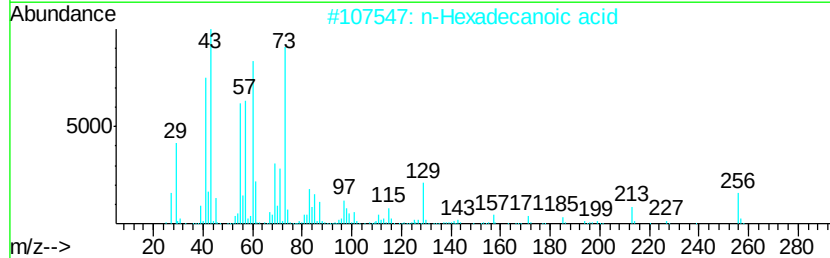
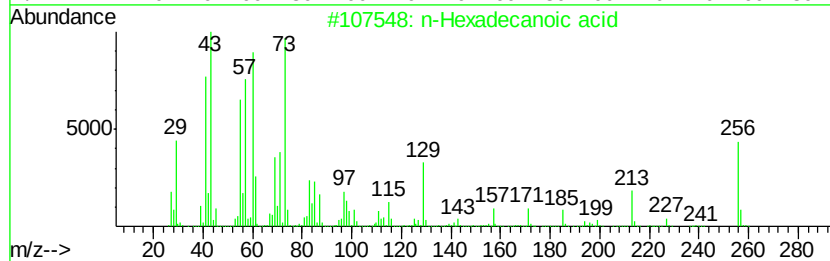
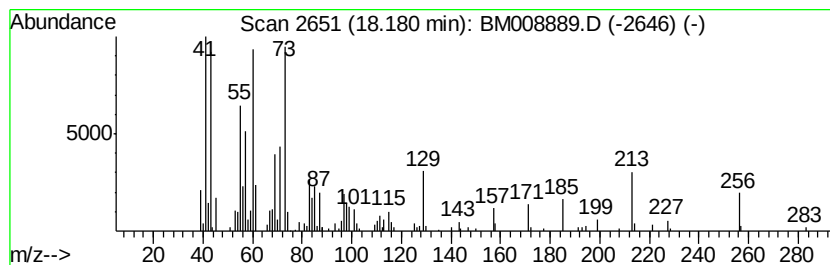
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	5.48 ng/ul	301262	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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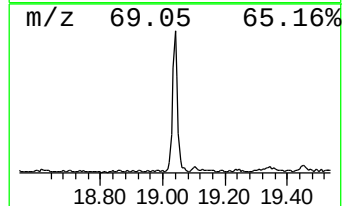
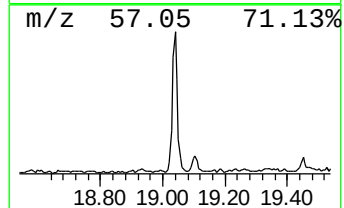
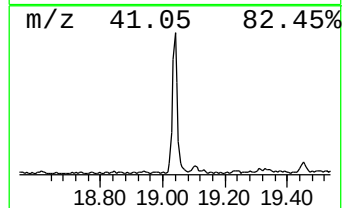
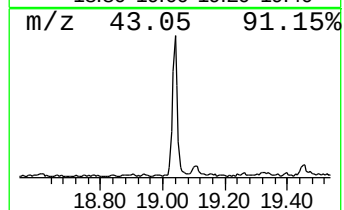
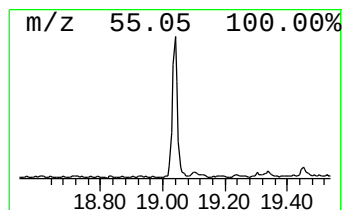
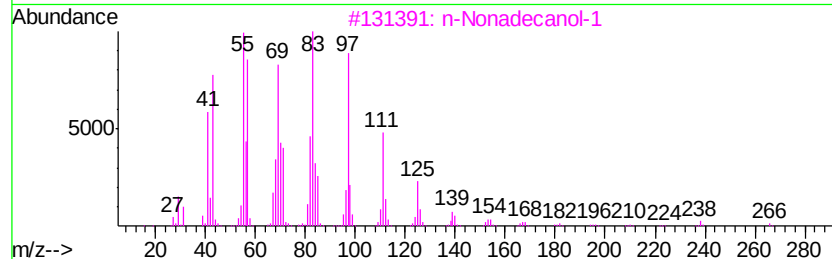
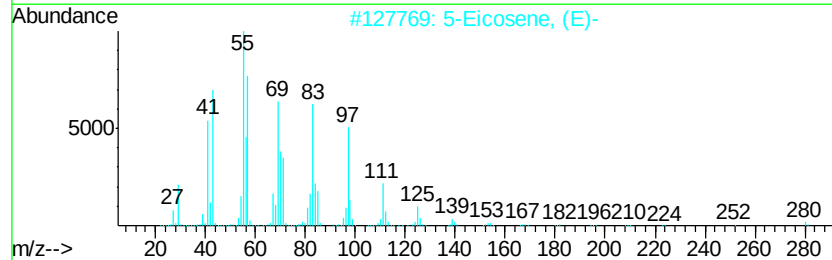
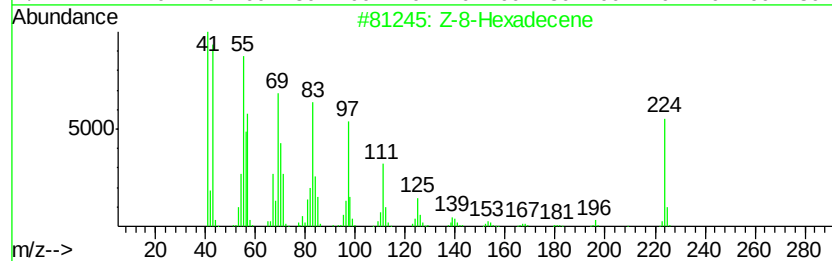
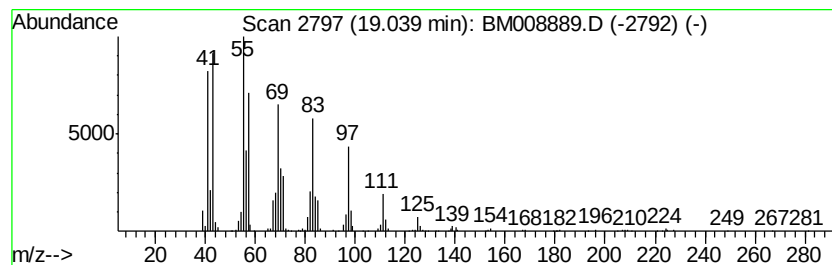
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic19.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	20.42 ng/ul	1122310	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-8-Hexadecene	224	C16H32	1000130-87-5	95
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



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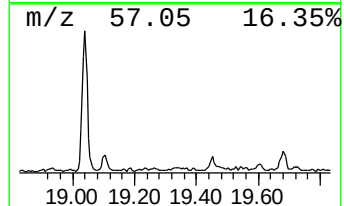
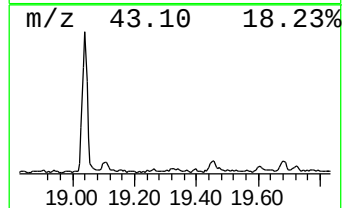
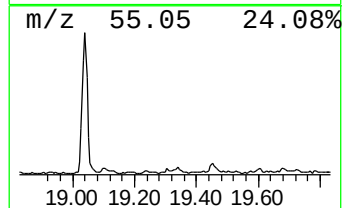
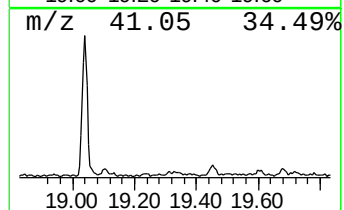
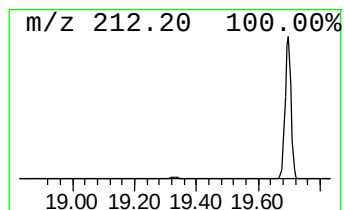
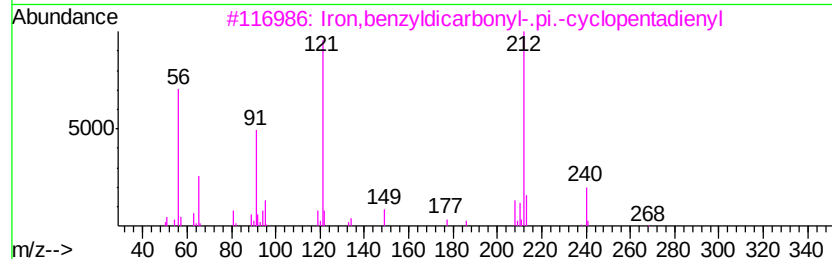
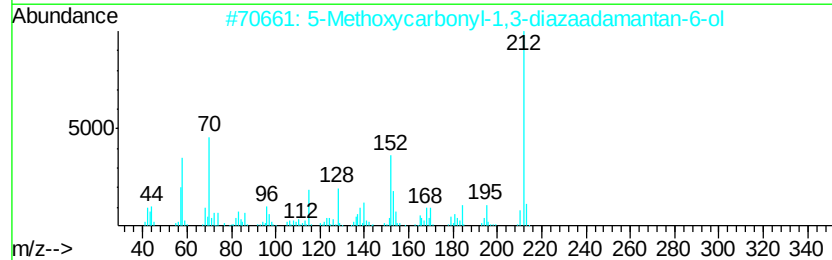
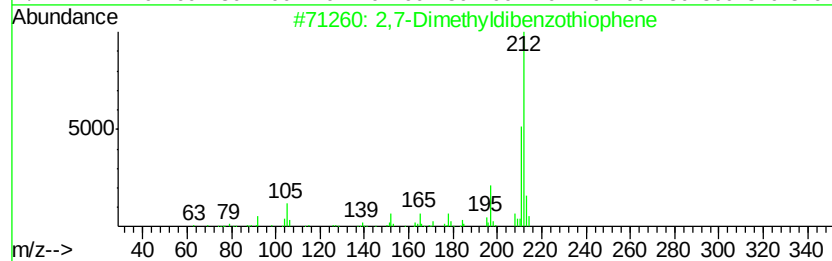
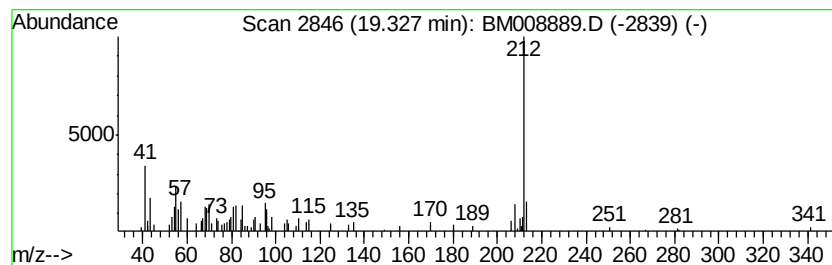
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Peak Number 4 2,7-Dimethyldibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.31 ng/ul	127068	Phenanthrene-d10	17.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	62	
2	5-Methoxycarbonyl-1,3-diazaadama...	212	C10H16N2O3	097934-06-0	59	
3	Iron,benzylidicarbonyl-.pi.-cyclo...	268	C14H12FeO2	012093-91-3	59	
4	1-(2-Hydroxyethyl)-3,6-diazahomo...	212	C11H20N2O2	1000216-30-7	52	
5	9H-Xanthen-9-one, 3-hydroxy-	212	C13H8O3	003722-51-8	52	



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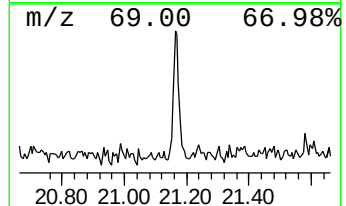
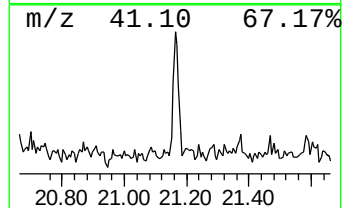
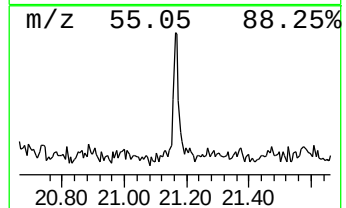
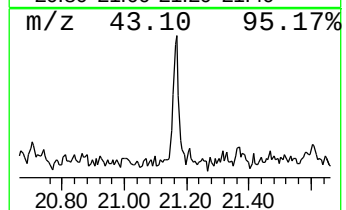
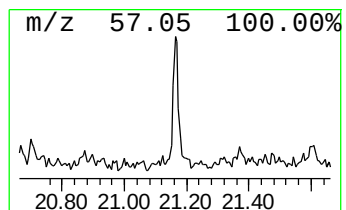
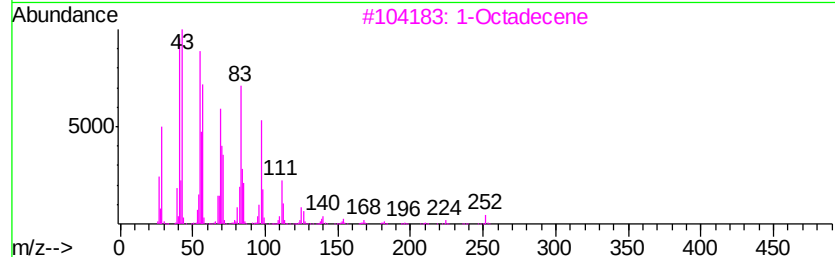
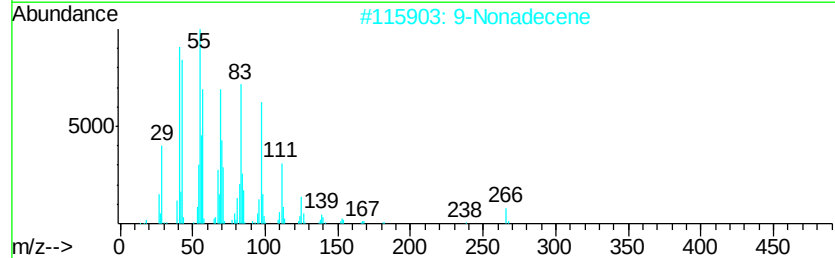
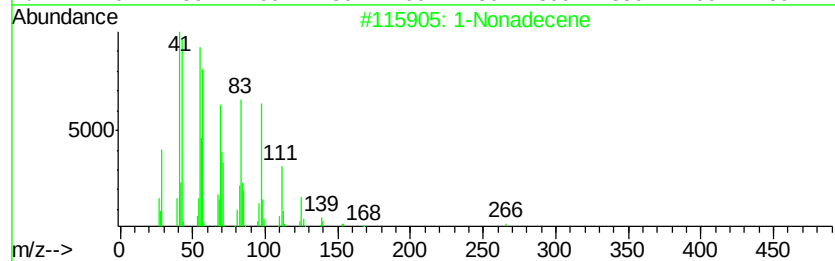
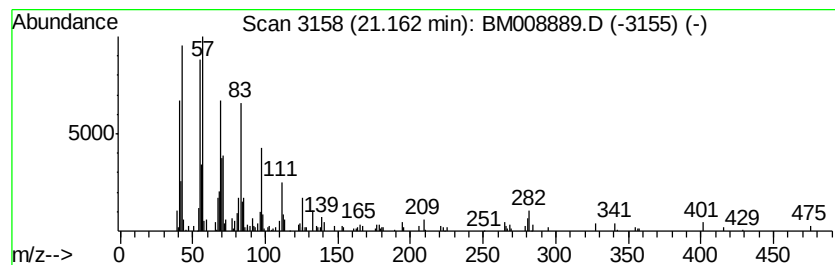
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Peak Number 5 (DEL) Alkane: Cyclic21.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	2.88 ng/ul	222638	Chrysene-d12	21.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	86
2		9-Nonadecene	266	C19H38	031035-07-1	83
3		1-Octadecene	252	C18H36	000112-88-9	72
4		Cyclooctacosane	392	C28H56	000297-24-5	72
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008889.D
Acq On : 26 Jan 2017 23:25
Operator : SJ/MA
Sample : I1426-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMX8

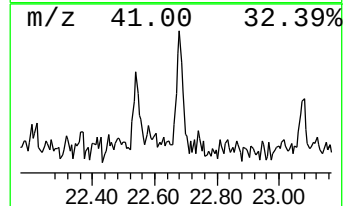
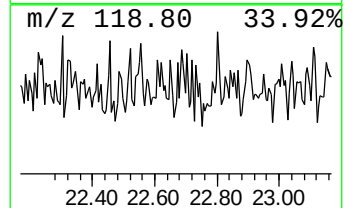
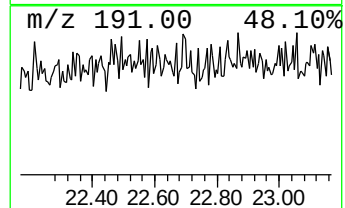
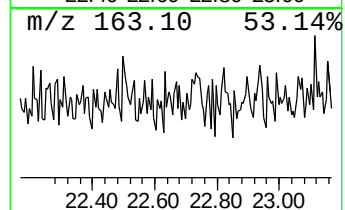
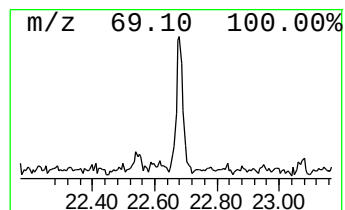
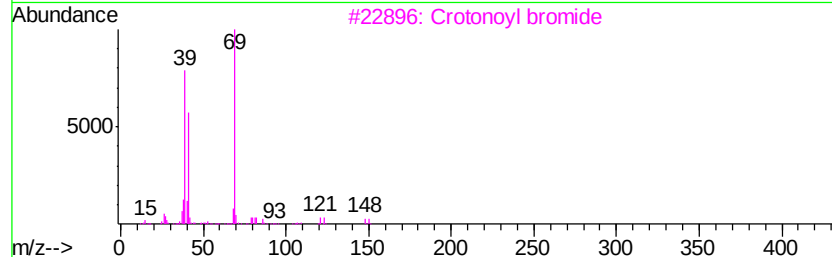
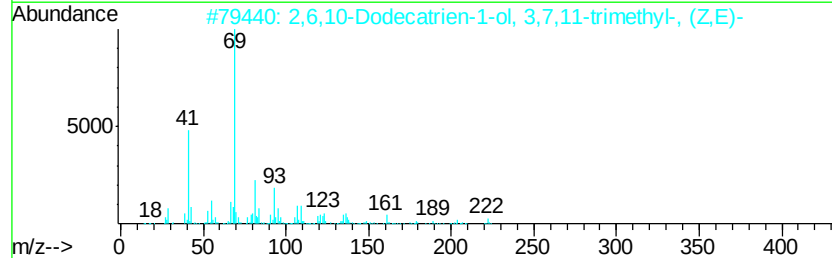
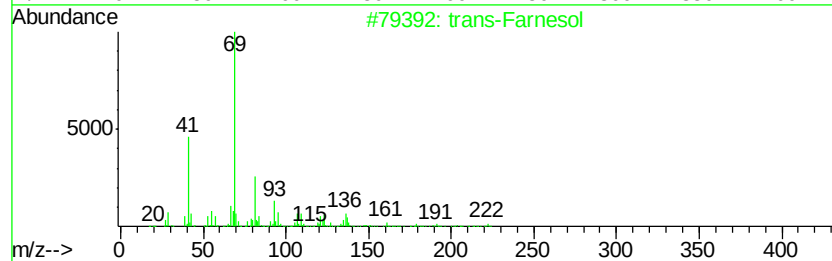
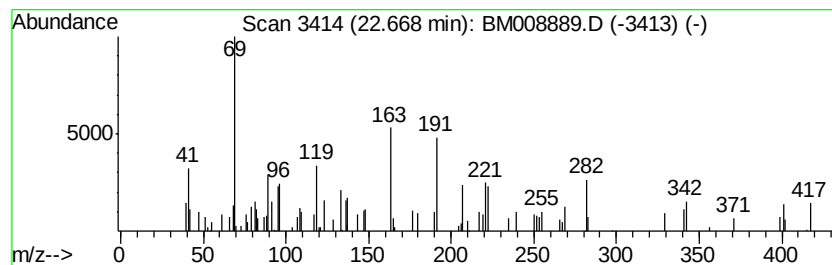
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 trans-Farnesol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.11 ng/ul	146185	Perylene-d12	23.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Farnesol	222	C15H26O	000106-28-5	58
2		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	003790-71-4	58
3		Crotonoyl bromide	148	C4H5BrO	055600-70-9	52
4		1,5-Heptadiene, 3,6-dimethyl-	124	C9H16	034891-10-6	52
5		Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	52



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
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Acq On : 26 Jan 2017 23:25
Operator : SJ/MA
Sample : I1426-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDMX8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.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
1-Hexadecanol	17.67	8.2	ng/ul	450710	4	17.31	1099090	20.0
n-Hexadecanoic acid	18.18	5.5	ng/ul	301262	4	17.31	1099090	20.0
(DEL) Alkane: Cyc...	19.04	20.4	ng/ul	1122310	4	17.31	1099090	20.0
2,7-Dimethyldiben...	19.33	2.3	ng/ul	127068	4	17.31	1099090	20.0
(DEL) Alkane: Cyc...	21.16	2.9	ng/ul	222638	5	21.47	1545620	20.0
trans-Farnesol	22.67	2.1	ng/ul	146185	6	23.84	1385810	20.0