

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011218\
 Data File : BM013572.D
 Acq On : 12 Jan 2018 19:42
 Operator : SJ/JU
 Sample : J1079-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJJ8

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-BM011018.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	6.316	543	549	558	rVB	282136	429137	12.95%	1.523%
2	6.804	627	632	645	rVB2	290537	664095	20.04%	2.356%
3	6.969	654	660	669	rVB	239210	360309	10.87%	1.279%
4	7.163	686	693	700	rBV	302545	498392	15.04%	1.768%
5	7.628	765	772	780	rBV	518824	839771	25.34%	2.980%
6	8.340	887	893	902	rBV	315912	539863	16.29%	1.916%
7	8.781	961	968	977	rBV	300543	505660	15.26%	1.794%
8	9.498	1083	1090	1098	rBV2	229670	396781	11.98%	1.408%
9	10.034	1174	1181	1197	rBV	329803	604694	18.25%	2.146%
10	10.404	1237	1244	1250	rBV	664054	1085631	32.76%	3.852%
11	10.551	1262	1269	1278	rBV3	254603	465754	14.06%	1.653%
12	13.692	1796	1803	1807	rBV	647044	864934	26.10%	3.069%
13	13.739	1807	1811	1819	rVB	229869	327348	9.88%	1.162%
14	13.963	1842	1849	1859	rVB	697616	1043512	31.49%	3.703%
15	14.186	1879	1887	1891	rVB3	27870	38038	1.15%	0.135%
16	14.274	1896	1902	1911	rVB2	904197	1365994	41.23%	4.847%
17	14.504	1934	1941	1949	rBV	162343	310203	9.36%	1.101%
18	15.110	2035	2044	2055	rBV	428745	619053	18.68%	2.197%
19	15.274	2066	2072	2080	rVB	871379	1212928	36.61%	4.304%
20	15.410	2090	2095	2102	rBV	199414	296173	8.94%	1.051%
21	16.004	2192	2196	2204	rBV4	28365	47724	1.44%	0.169%
22	17.027	2364	2370	2376	rBV2	1162766	1627040	49.10%	5.773%
23	17.127	2380	2387	2398	rVB	900358	1291898	38.99%	4.584%
24	17.933	2519	2524	2533	rBV2	152538	225908	6.82%	0.802%
25	18.368	2593	2598	2602	rBV2	28078	39806	1.20%	0.141%
26	19.221	2739	2743	2751	rBV3	106047	159551	4.82%	0.566%
27	19.427	2772	2778	2785	rBV2	1107410	1503224	45.37%	5.334%
28	19.874	2852	2854	2859	rVB5	43628	48516	1.46%	0.172%
29	20.286	2921	2924	2928	rBV4	42752	50420	1.52%	0.179%
30	20.368	2935	2938	2941	rBV5	25584	38564	1.16%	0.137%
31	20.415	2941	2946	2951	rVV	107058	158845	4.79%	0.564%
32	20.468	2952	2955	2961	rVB8	35477	66102	1.99%	0.235%
33	20.745	2998	3002	3005	rBV5	74651	112078	3.38%	0.398%
34	20.792	3007	3010	3015	rVB6	89621	149533	4.51%	0.531%

LSC Area Percent Report

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35	20.915	3026	3031	3034	rBV	345336	488642	14.75%	1.734%
36	20.945	3034	3036	3044	rVB2	302165	377968	11.41%	1.341%
37	21.150	3066	3071	3078	rBV	2821264	3313397	100.00%	11.757%
38	21.227	3078	3084	3093	rVB	1459198	1983483	59.86%	7.038%
39	21.539	3135	3137	3141	rBV4	36799	44013	1.33%	0.156%
40	22.392	3279	3282	3287	rVB6	66131	86655	2.62%	0.307%
41	23.292	3428	3435	3449	rVB2	866244	1783459	53.83%	6.328%
42	23.427	3452	3458	3467	rVB	1028060	1918097	57.89%	6.806%
43	23.950	3543	3547	3553	rVB4	109517	198494	5.99%	0.704%

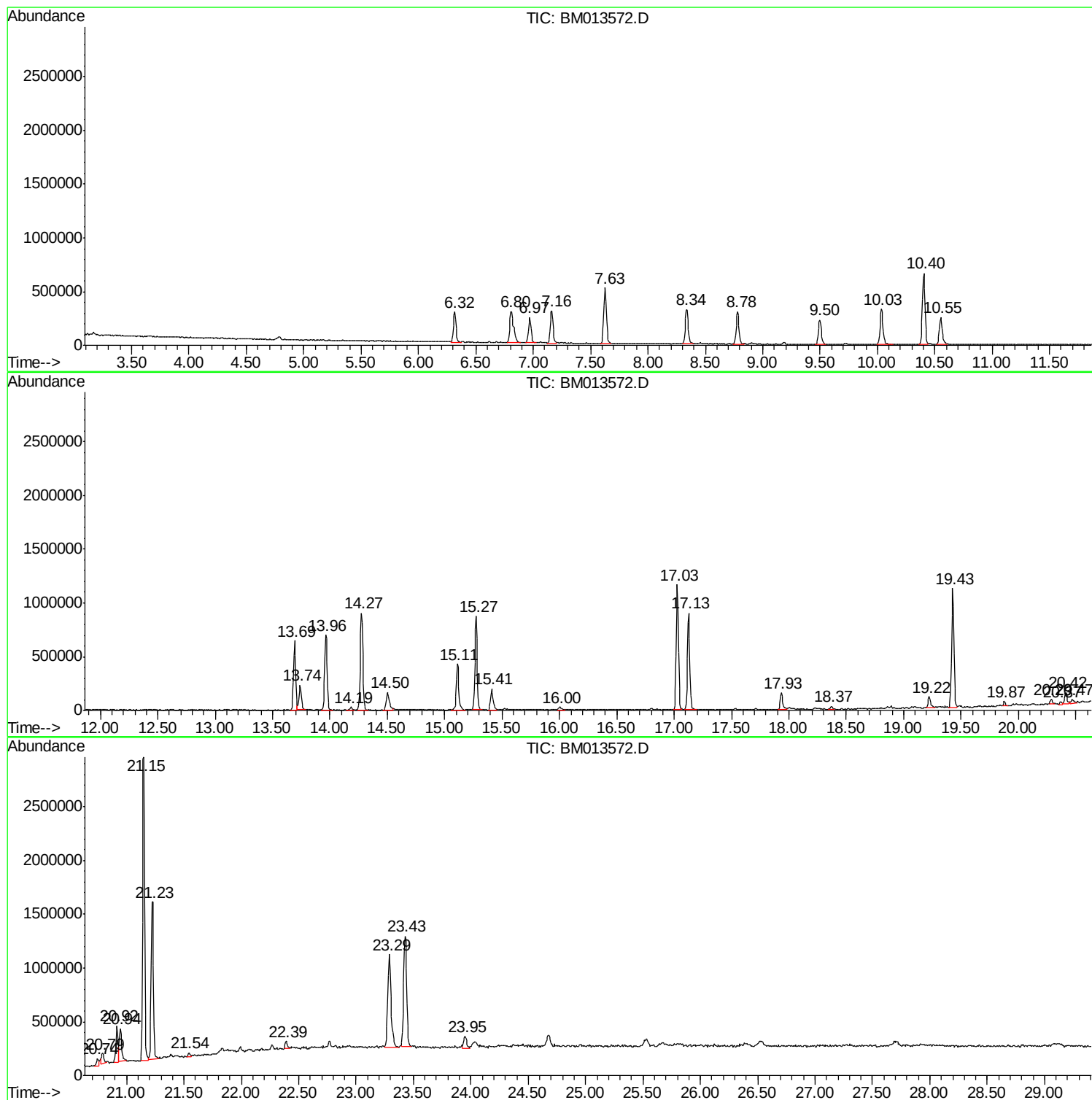
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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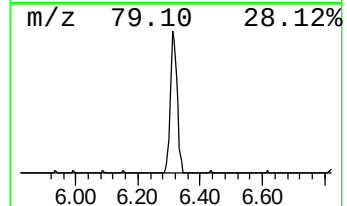
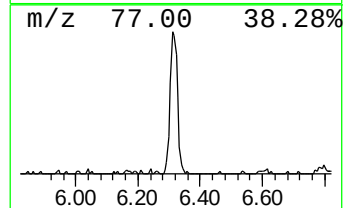
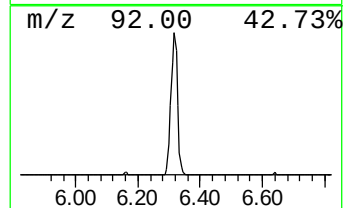
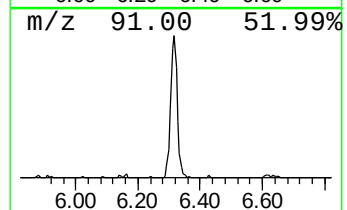
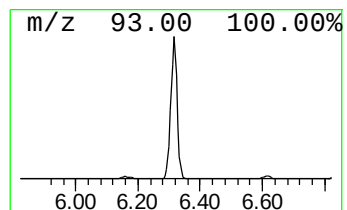
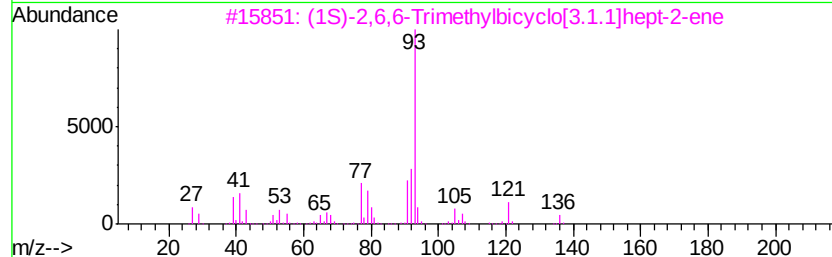
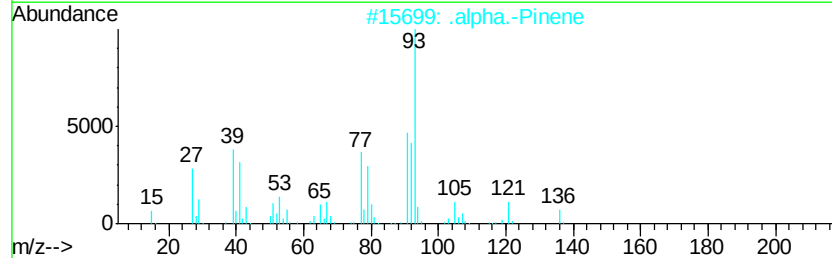
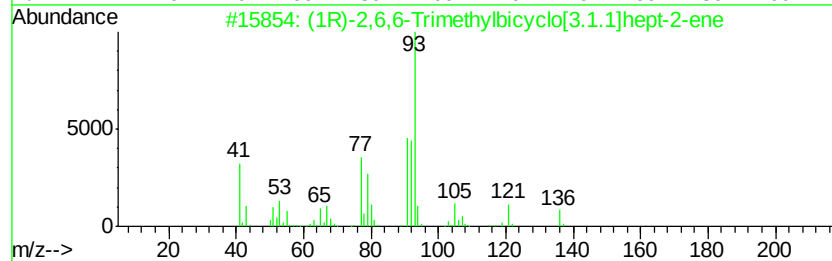
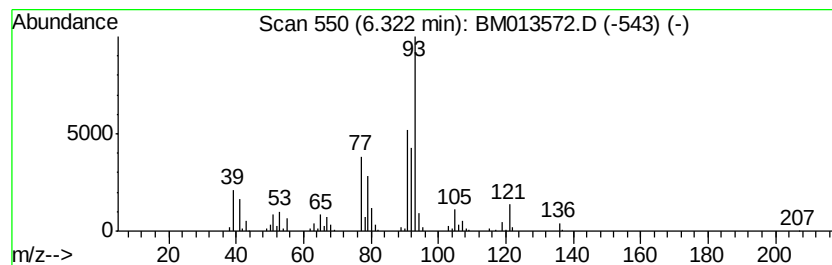
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	10.22 ng/ul	429137	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
4		Tricyclo[2.2.1.0(2,6)]heptane, 1,4-dichloro-	136	C10H16	000508-32-7	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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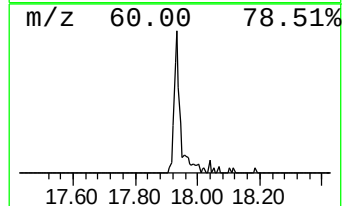
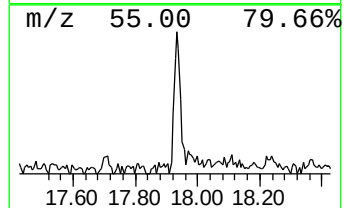
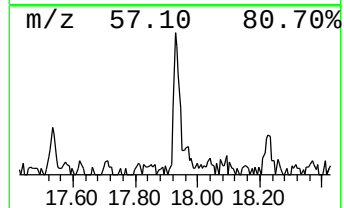
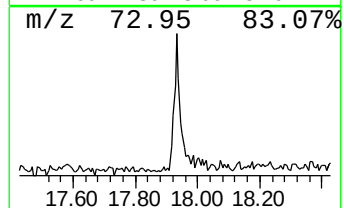
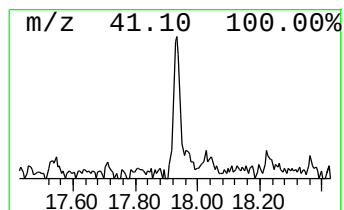
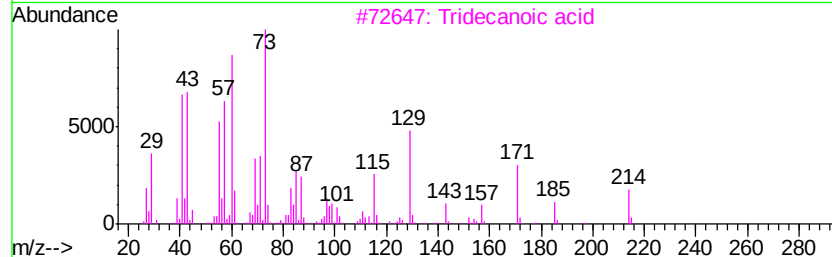
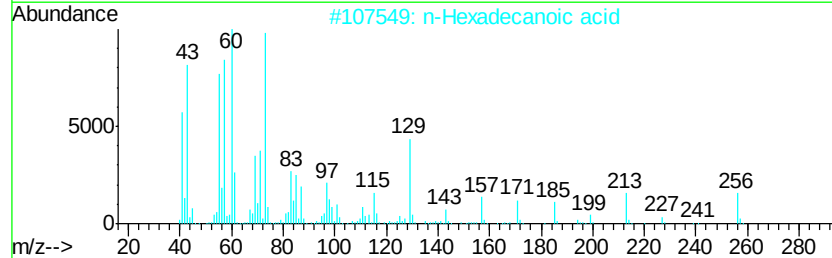
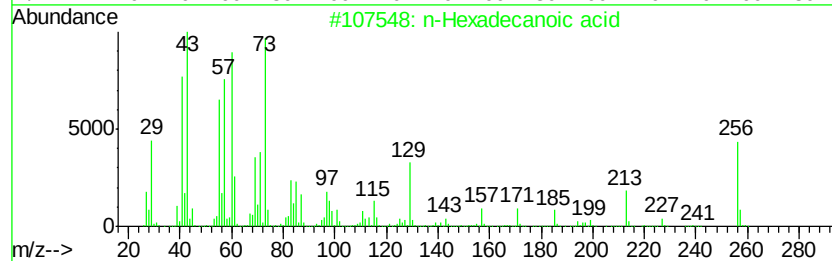
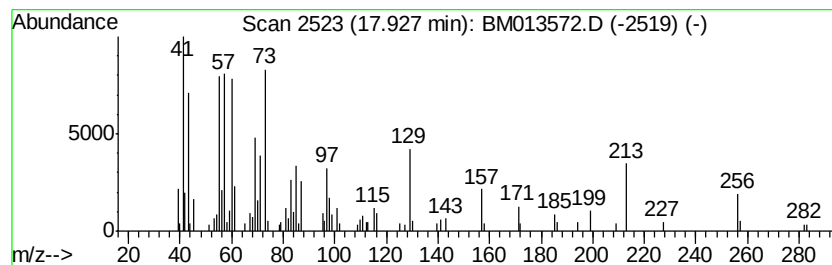
Instrument :
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.93	2.78 ng/ul	225908	Phenanthrene-d10		17.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	70
3	Tridecanoic acid		214	C13H26O2	000638-53-9	64
4	Tridecanoic acid		214	C13H26O2	000638-53-9	60
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	58



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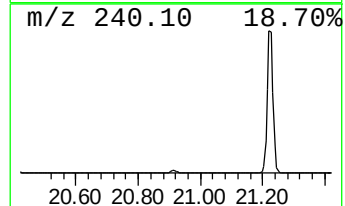
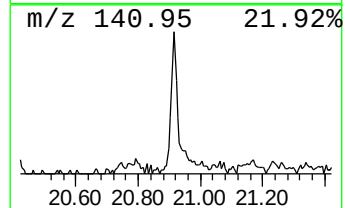
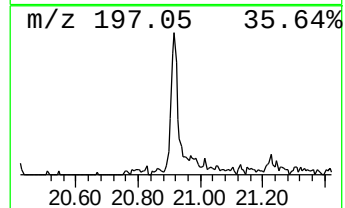
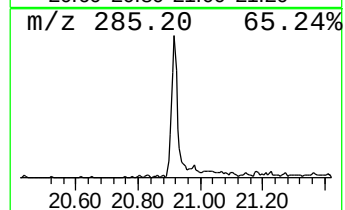
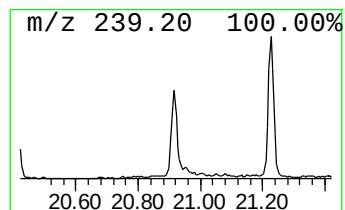
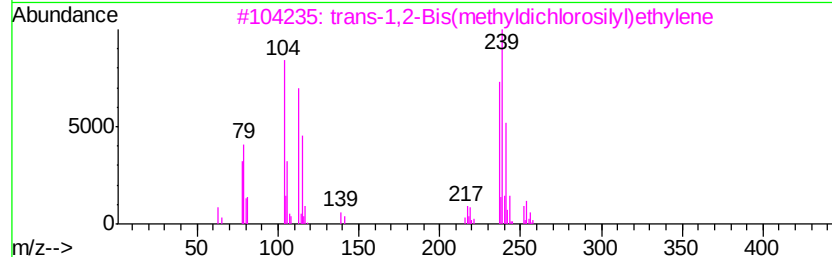
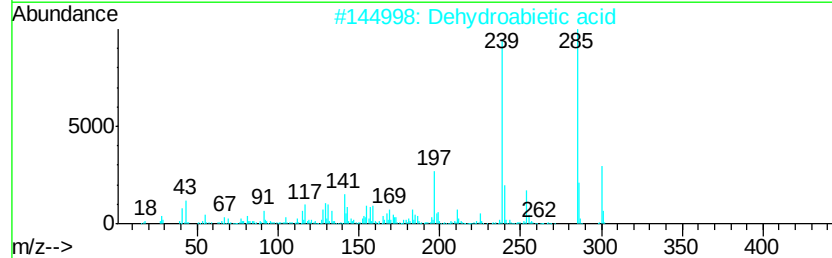
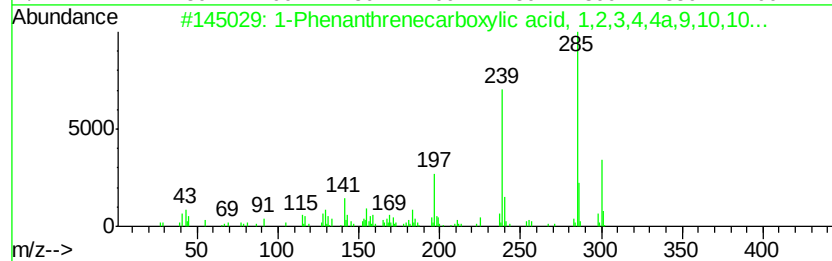
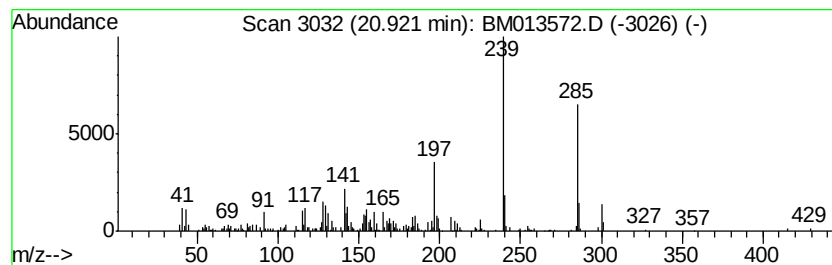
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Phenanthrenecarboxylic ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	4.93 ng/ul	488642	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
2		Dehydroabietic acid	300	C20H28O2	001740-19-8	90
3		trans-1,2-Bis(methyldichlorosilyl)...	252	C4H8Cl4Si2	065899-10-7	86
4		Dehydroabietic acid	300	C20H28O2	001740-19-8	86
5		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	80



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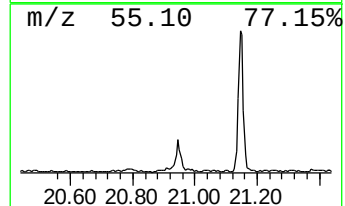
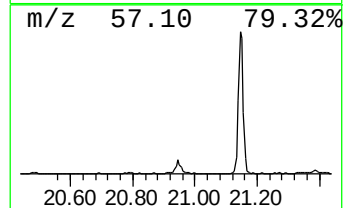
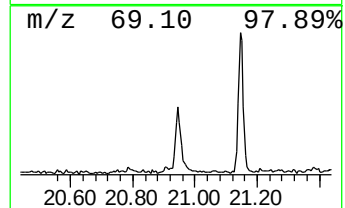
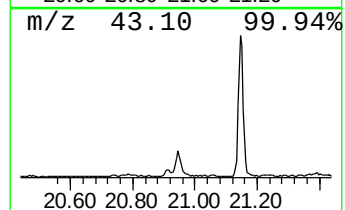
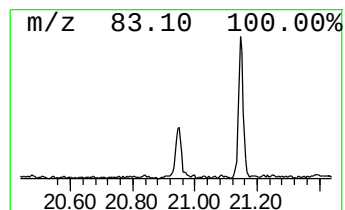
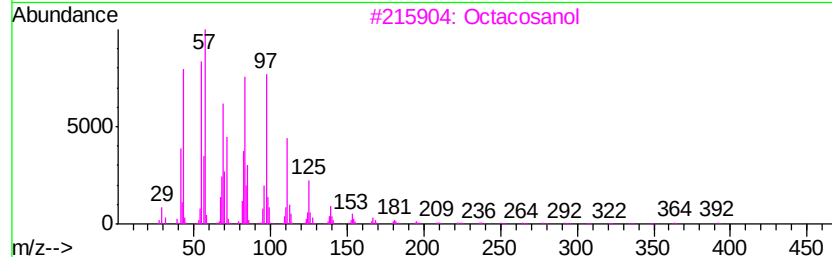
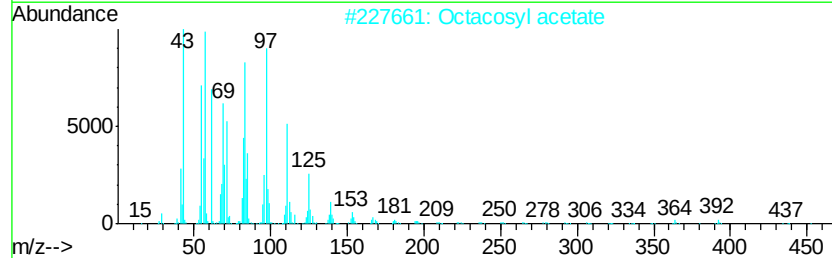
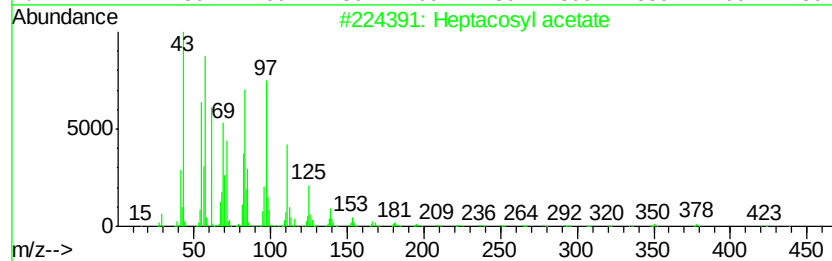
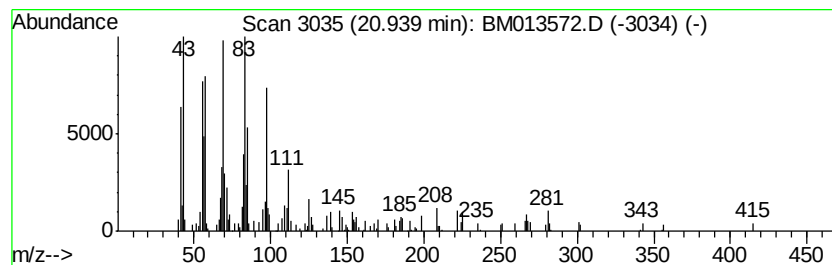
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Peak Number 4 Heptacosyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.94	3.81 ng/ul	377968	Chrysene-d12		21.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl	acetate	438	C29H58O2	1000351-78-2	89
2	Octacosyl	acetate	452	C30H60O2	018206-97-8	89
3	Octacosanol		410	C28H58O	000557-61-9	89
4	Z-5-Nonadecene		266	C19H38	1000131-11-8	87
5	4-Methyl-E-9-octadecene		266	C19H38	1000130-87-1	86



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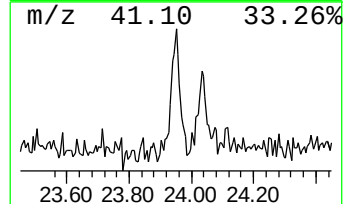
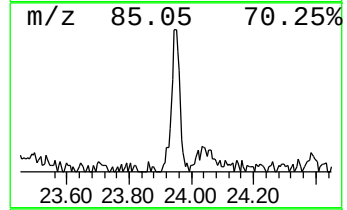
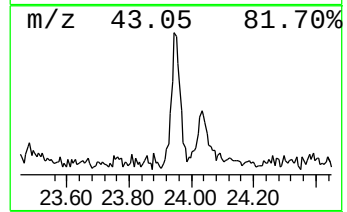
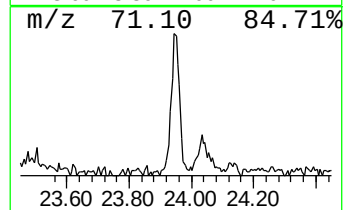
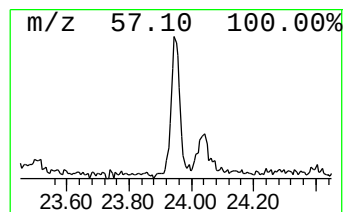
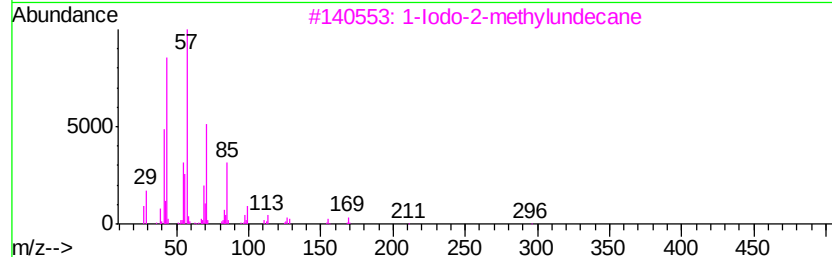
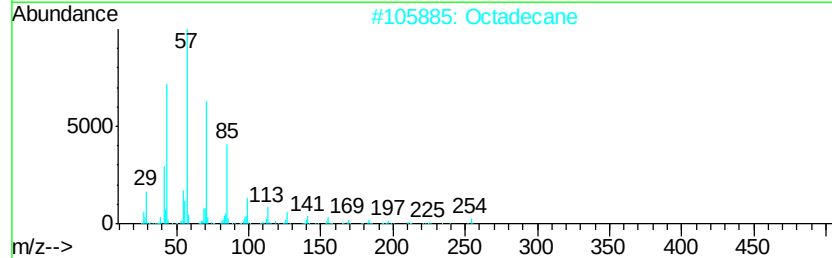
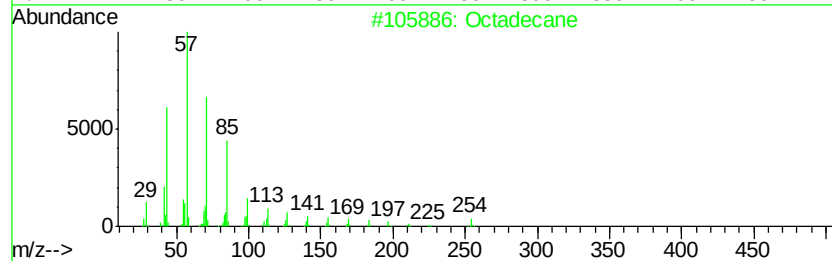
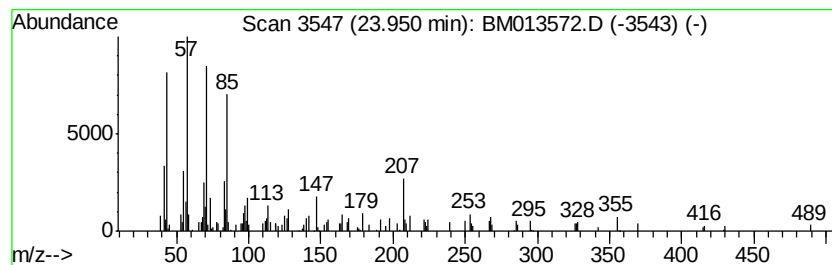
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TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chain Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.07 ng/ul	198494	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Octadecane	254	C18H38	000593-45-3	95
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
4		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	76
5		Heneicosane	296	C21H44	000629-94-7	70



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011218\
Data File : BM013572.D
Acq On : 12 Jan 2018 19:42
Operator : SJ/JU
Sample : J1079-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DAJJ8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
(1R)-2,6,6-Trimet...	6.32	10.2	ng/ul	429137	1	7.63	839771	20.0
n-Hexadecanoic acid	17.93	2.8	ng/ul	225908	4	17.03	1627040	20.0
1-Phenanthrenecar...	20.92	4.9	ng/ul	488642	5	21.22	1983480	20.0
Heptacosyl acetate	20.94	3.8	ng/ul	377968	5	21.22	1983480	20.0
(DEL) Alkane: Str...	23.95	2.1	ng/ul	198494	6	23.43	1918100	20.0