

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013764.D
 Acq On : 24 Jan 2018 11:46
 Operator : SJ/JU
 Sample : J1221-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A21

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	3.158	26	29	34	rVB3	31583	44455	1.35%	0.100%
2	4.769	298	303	308	rBV2	54106	79198	2.41%	0.177%
3	5.410	408	412	424	rBV2	49458	96022	2.92%	0.215%
4	6.293	555	562	572	rVB	424847	619928	18.87%	1.389%
5	6.787	641	646	659	rVB2	596331	1087525	33.09%	2.436%
6	6.951	667	674	684	rBV	454483	691361	21.04%	1.549%
7	7.040	684	689	695	rVB2	48382	74808	2.28%	0.168%
8	7.140	699	706	714	rBV	644838	1008914	30.70%	2.260%
9	7.604	779	785	794	rBV	711496	1130098	34.39%	2.531%
10	8.316	900	906	921	rVB	672831	1119124	34.06%	2.507%
11	8.757	975	981	988	rBV	595567	988805	30.09%	2.215%
12	8.822	988	992	998	rVB3	26603	41975	1.28%	0.094%
13	9.157	1045	1049	1055	rBV2	28442	43357	1.32%	0.097%
14	9.475	1096	1103	1112	rBV	526469	895860	27.26%	2.007%
15	10.010	1187	1194	1209	rBV	724201	1326424	40.36%	2.971%
16	10.381	1249	1257	1264	rBV	924757	1530781	46.58%	3.429%
17	10.528	1275	1282	1295	rBV	541369	1015877	30.91%	2.276%
18	13.075	1708	1715	1721	rVB5	22403	33206	1.01%	0.074%
19	13.516	1785	1790	1795	rVB5	33513	49647	1.51%	0.111%
20	13.675	1811	1817	1821	rBV	1400140	1857126	56.51%	4.160%
21	13.722	1821	1825	1833	rVB	260443	370836	11.29%	0.831%
22	13.945	1856	1863	1875	rBV	1548674	2267263	69.00%	5.079%
23	14.163	1895	1900	1906	rBV2	58066	81025	2.47%	0.181%
24	14.257	1908	1916	1924	rBV	1269714	1908983	58.09%	4.276%
25	14.486	1949	1955	1972	rBV	389404	807897	24.59%	1.810%
26	14.692	1987	1990	1998	rVB7	27319	41465	1.26%	0.093%
27	15.122	2059	2063	2068	rVB2	45496	63625	1.94%	0.143%
28	15.257	2077	2086	2093	rBV	1930165	2689314	81.84%	6.024%
29	15.392	2103	2109	2121	rBV	435913	714677	21.75%	1.601%
30	15.498	2123	2127	2130	rBV4	26175	42192	1.28%	0.095%
31	15.627	2142	2149	2154	rBV	50187	71356	2.17%	0.160%
32	15.986	2206	2210	2218	rBV6	34412	55737	1.70%	0.125%
33	16.668	2321	2326	2334	rBV2	174830	283265	8.62%	0.635%
34	17.010	2378	2384	2390	rBV	1601694	2236469	68.06%	5.010%

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35	17.110	2395	2401	2413	rVB2	1966365	2856409	86.92%	6.398%
36	17.298	2428	2433	2438	rVB6	32697	48539	1.48%	0.109%
37	17.915	2533	2538	2547	rBV2	213635	342126	10.41%	0.766%
38	18.592	2649	2653	2656	rBV6	27692	41235	1.25%	0.092%
39	18.833	2689	2694	2699	rBV7	16672	34437	1.05%	0.077%
40	19.057	2727	2732	2734	rBV4	58056	94834	2.89%	0.212%
41	19.080	2734	2736	2744	rVV4	66712	109878	3.34%	0.246%
42	19.174	2748	2752	2754	rVV4	56515	71715	2.18%	0.161%
43	19.204	2754	2757	2765	rVV2	183198	283642	8.63%	0.635%
44	19.292	2769	2772	2779	rVB5	31539	60002	1.83%	0.134%
45	19.409	2787	2792	2799	rBV	2327616	3251153	98.94%	7.283%
46	19.468	2799	2802	2807	rVB3	68891	92511	2.82%	0.207%
47	19.956	2881	2885	2891	rVB8	105066	152725	4.65%	0.342%
48	20.251	2932	2935	2941	rVB7	56450	73677	2.24%	0.165%
49	20.398	2956	2960	2963	rBV	186514	226037	6.88%	0.506%
50	20.451	2966	2969	2974	rVB7	89408	141549	4.31%	0.317%
51	20.774	3020	3024	3029	rBV8	119022	192438	5.86%	0.431%
52	20.898	3041	3045	3048	rBV2	234152	344836	10.49%	0.772%
53	20.933	3048	3051	3058	rVB	449620	577084	17.56%	1.293%
54	21.151	3084	3088	3093	rBV7	154821	230402	7.01%	0.516%
55	21.209	3093	3098	3104	rVV	2025850	2528877	76.96%	5.665%
56	21.815	3197	3201	3212	rVB2	529271	820437	24.97%	1.838%
57	22.792	3364	3367	3374	rVB6	190600	334177	10.17%	0.749%
58	23.268	3442	3448	3461	rVB2	1723705	3286094	100.00%	7.361%
59	23.409	3466	3472	3480	rVB	1315373	2394374	72.86%	5.363%
60	23.915	3556	3558	3565	rVB3	179216	290087	8.83%	0.650%
61	24.009	3570	3574	3584	rVB5	178020	395478	12.03%	0.886%

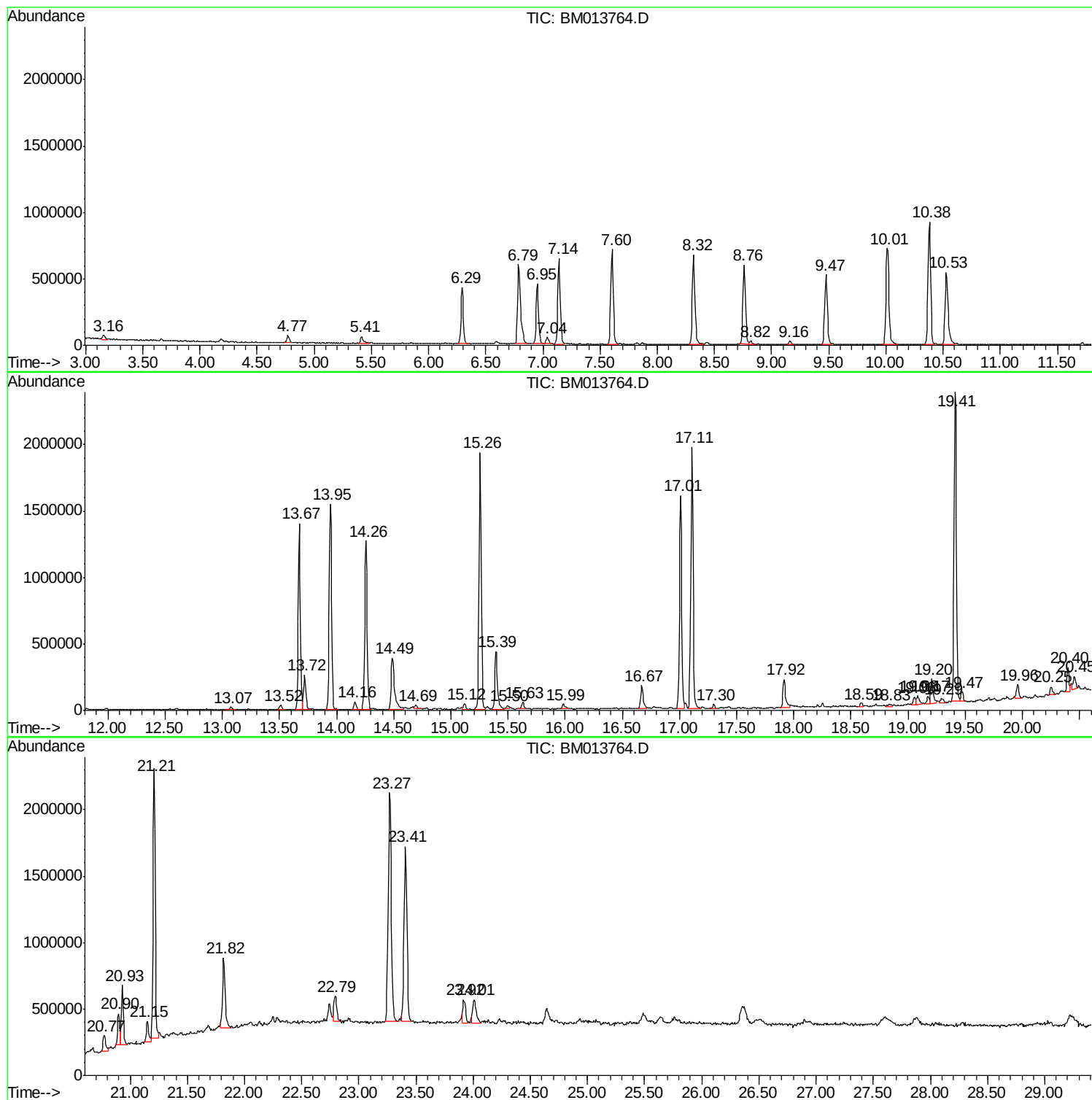
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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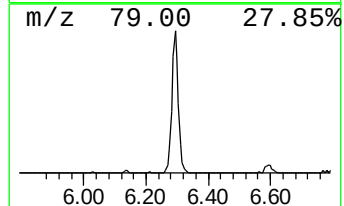
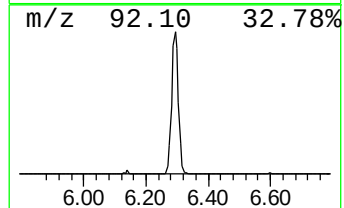
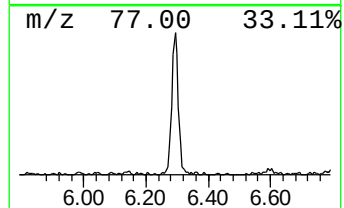
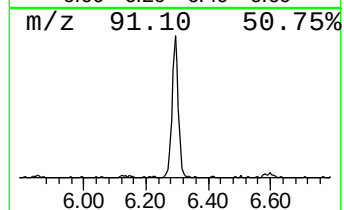
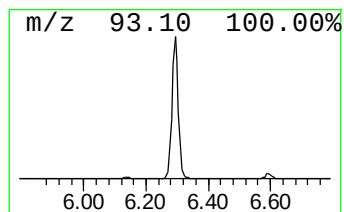
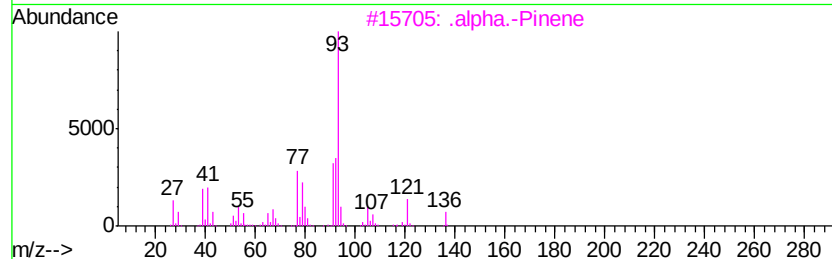
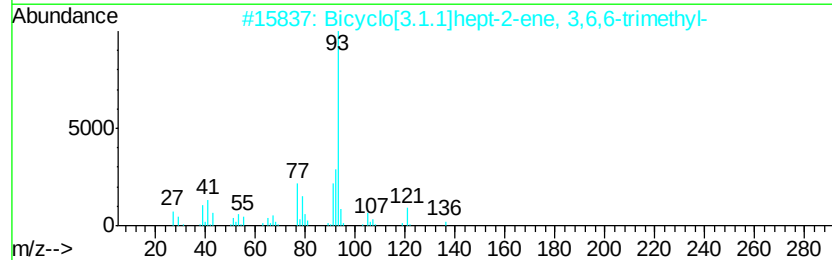
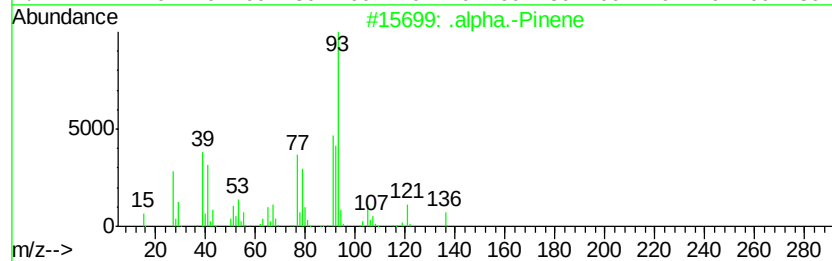
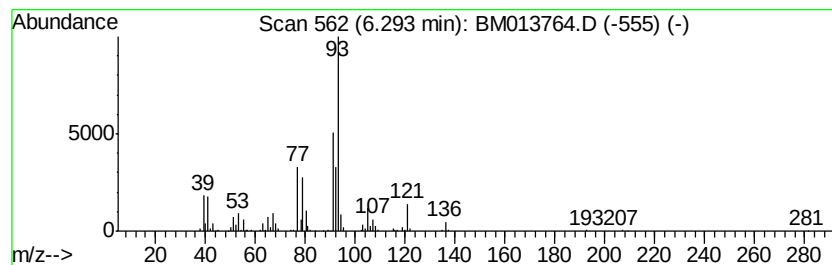
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	10.97 ng/ul	619928	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	94
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		.gamma.-Terpinene	136	C10H16	000099-85-4	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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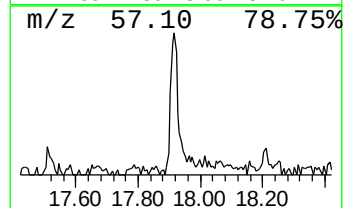
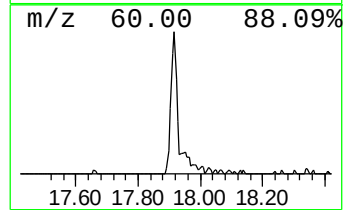
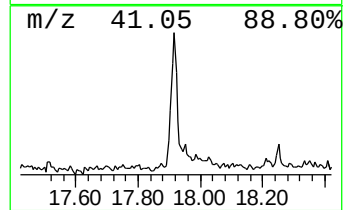
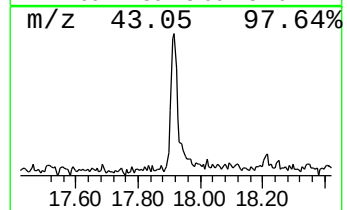
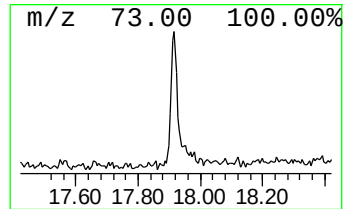
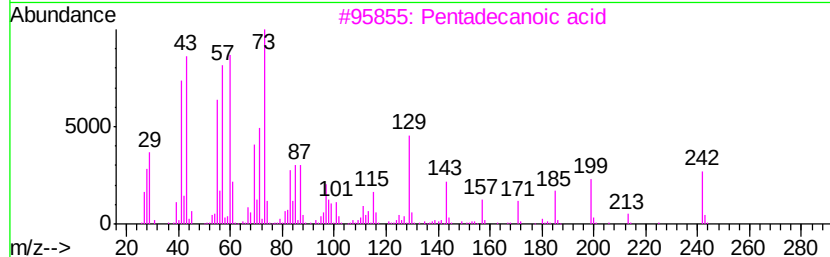
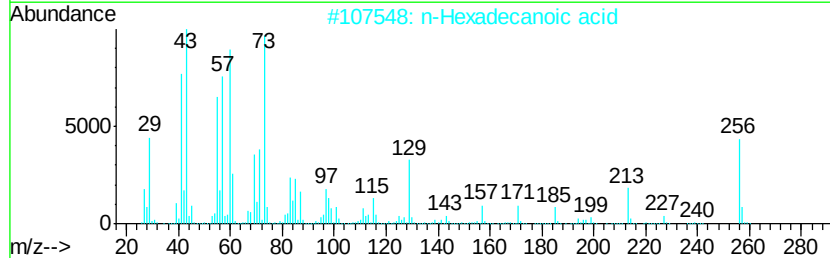
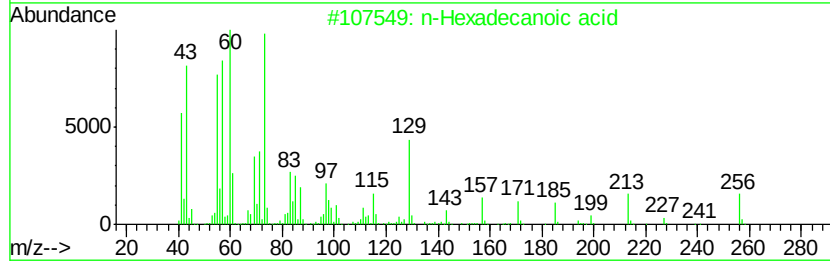
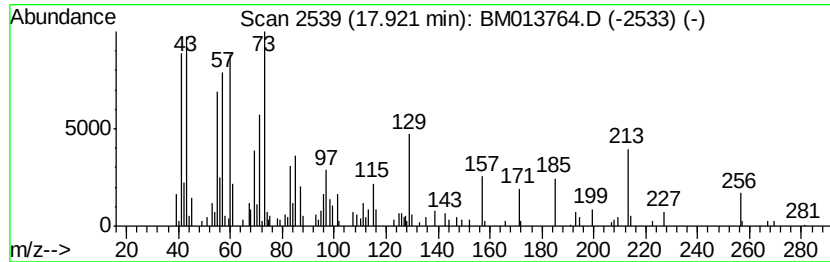
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.06 ng/ul	342126	Phenanthrene-d10	17.01

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	81
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Undecanoic acid	186	C11H22O2	000112-37-8	62



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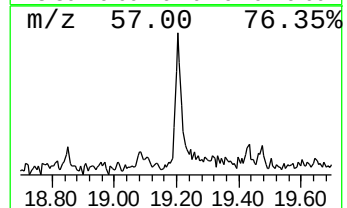
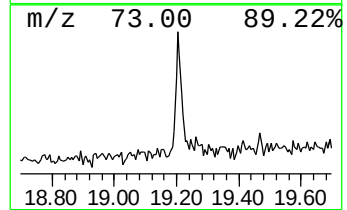
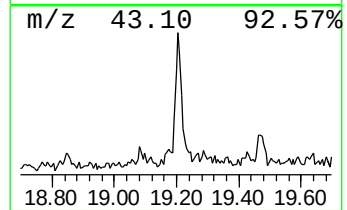
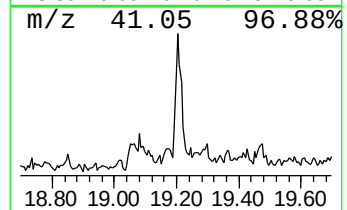
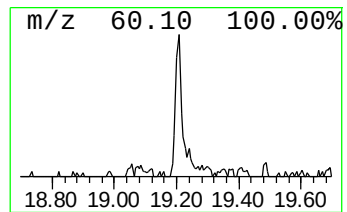
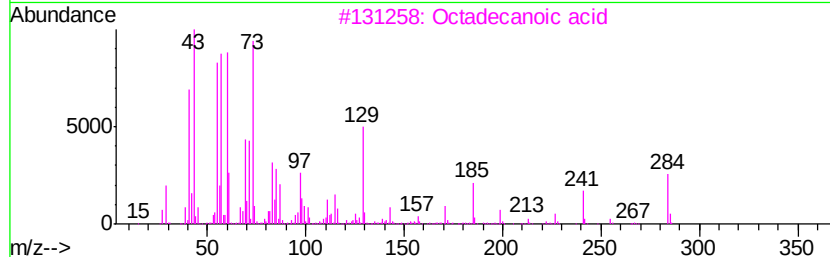
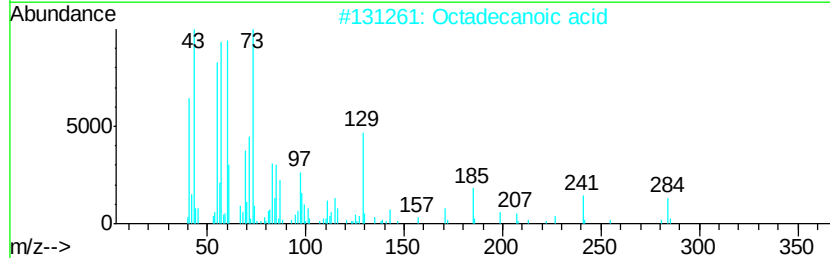
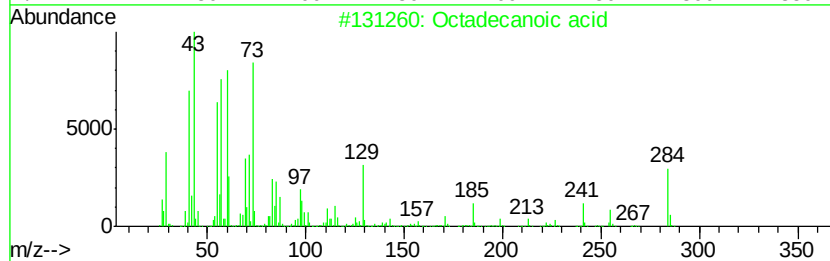
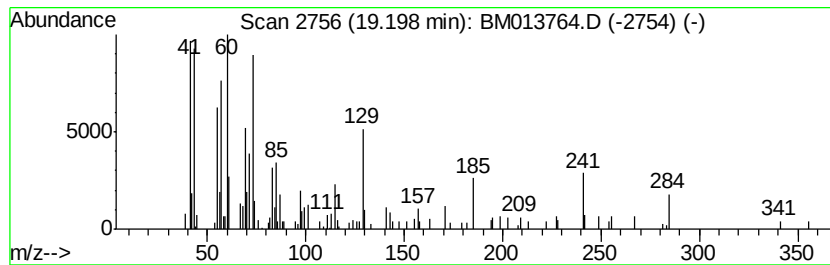
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Peak Number 3 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.24 ng/ul	283642	Chrysene-d12	21.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	95
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	70



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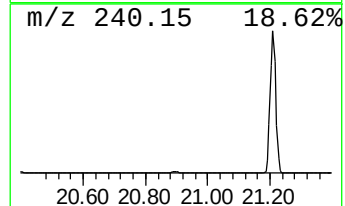
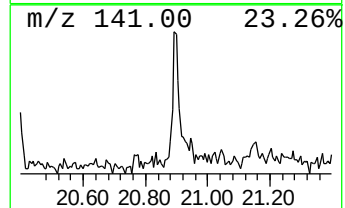
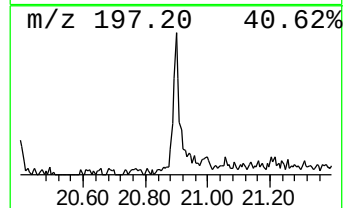
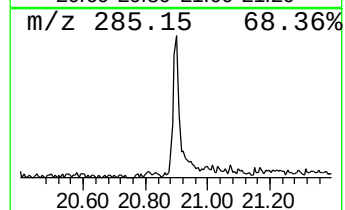
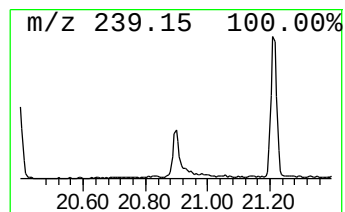
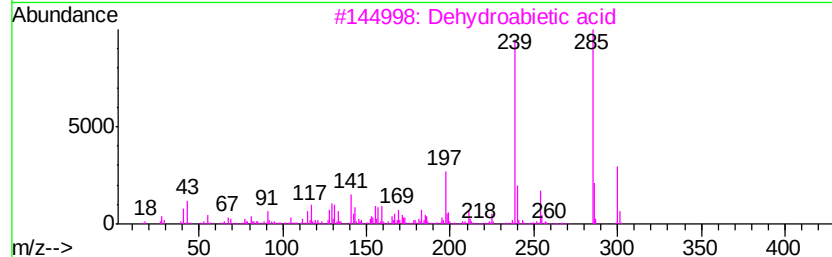
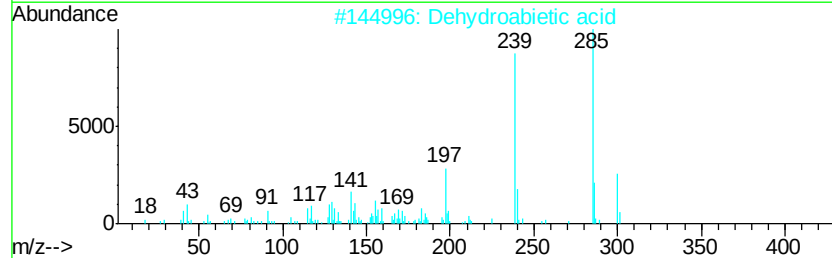
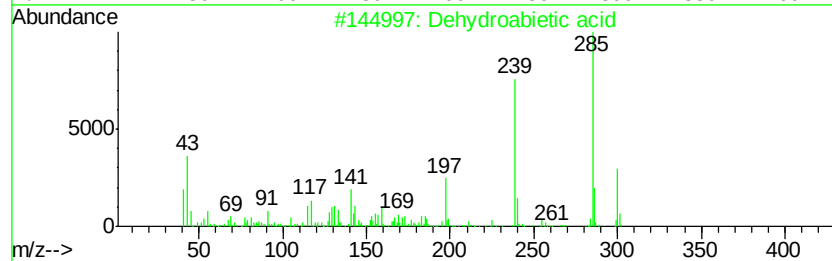
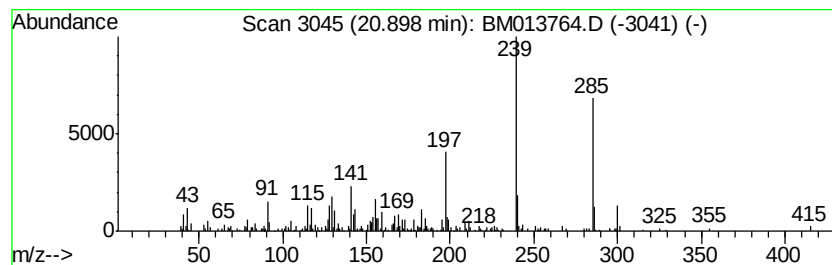
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Dehydroabietic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.73 ng/ul	344836	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	93	
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	90	
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	83	
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	70	
5	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	60	



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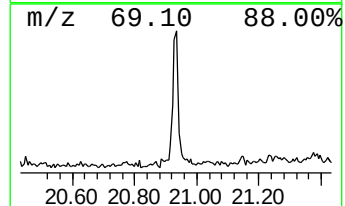
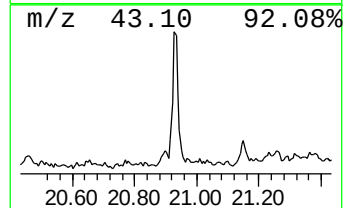
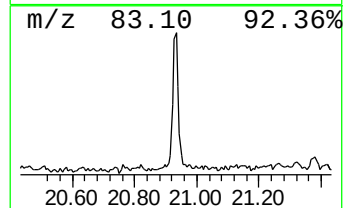
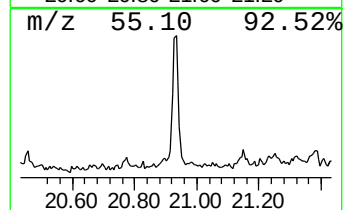
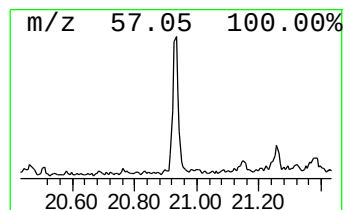
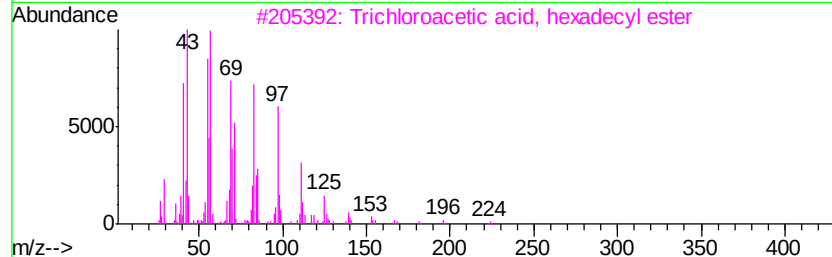
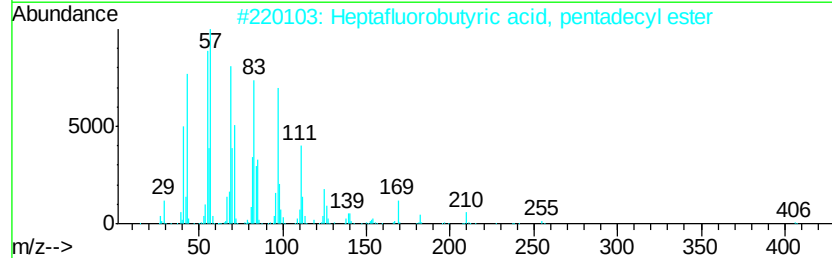
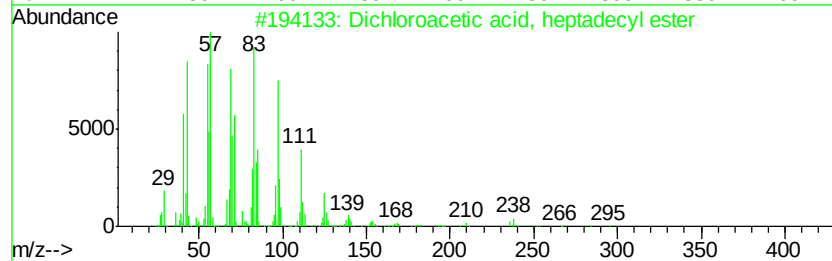
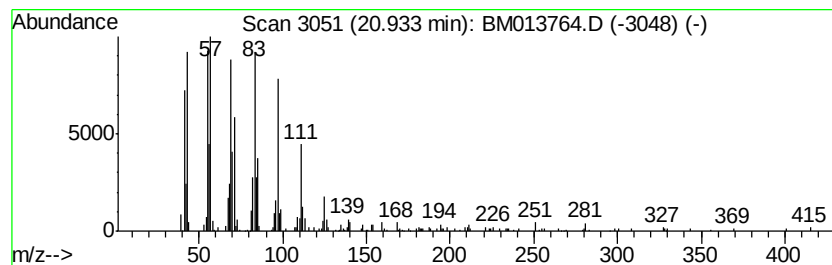
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.56 ng/ul	577084	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94	
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93	
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91	
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91	
5	1-Nonadecene	266	C19H38	018435-45-5	91	



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Acq On : 24 Jan 2018 11:46
Operator : SJ/JU
Sample : J1221-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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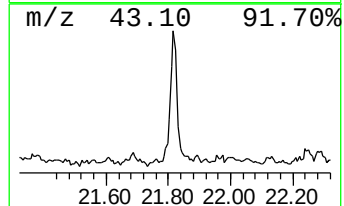
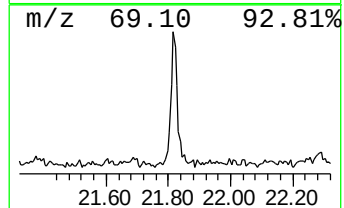
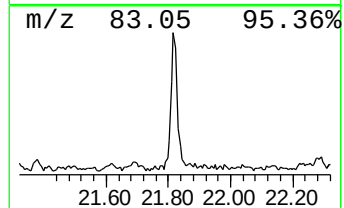
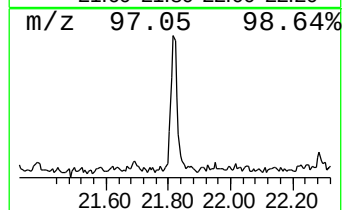
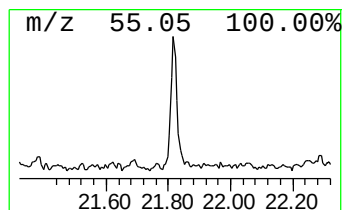
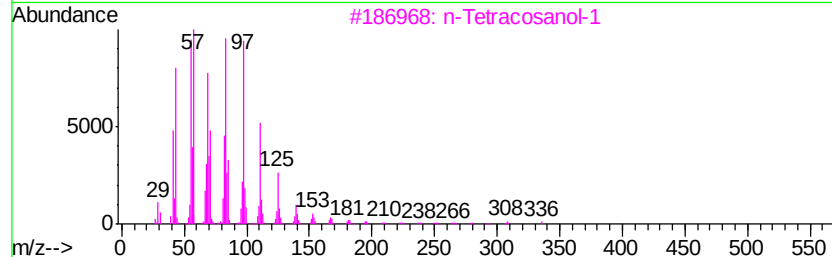
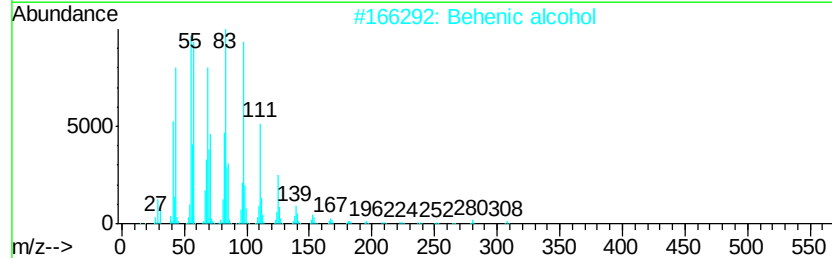
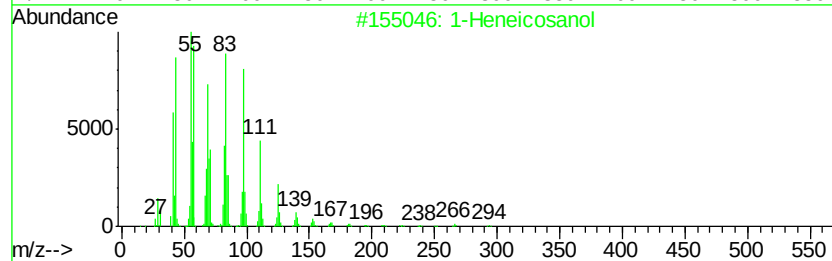
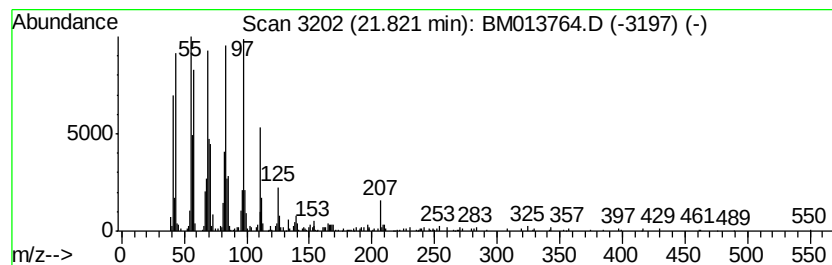
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	6.49 ng/ul	820437	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	93
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4		Octacosanol	410	C28H58O	000557-61-9	89
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	83



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Sample : J1221-01
Misc :
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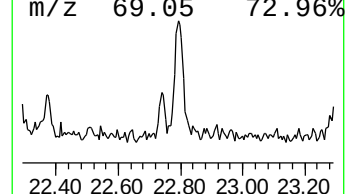
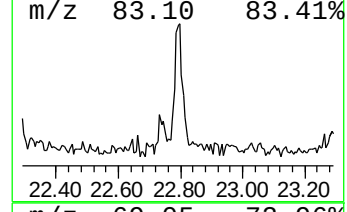
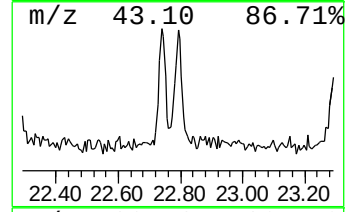
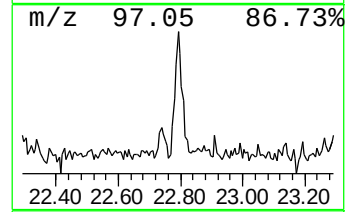
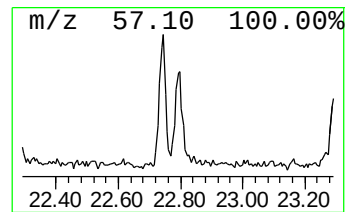
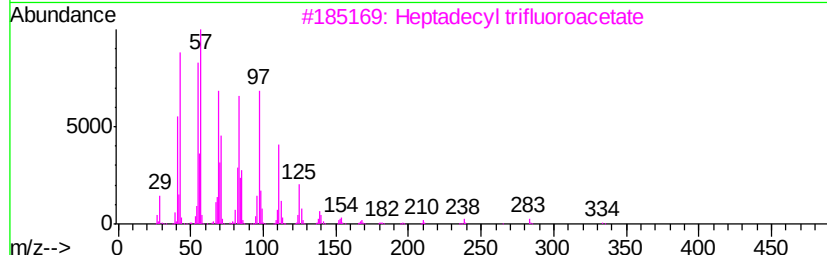
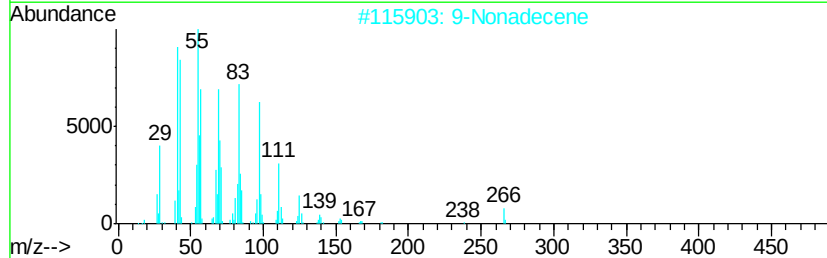
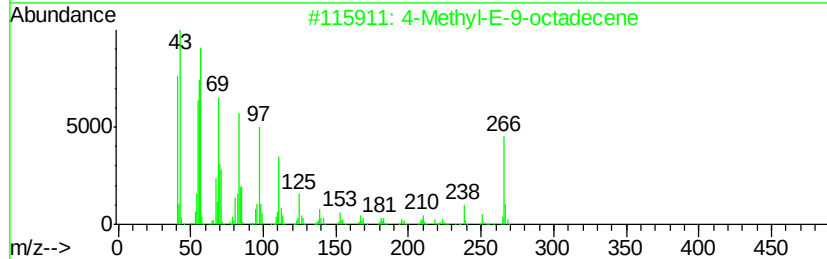
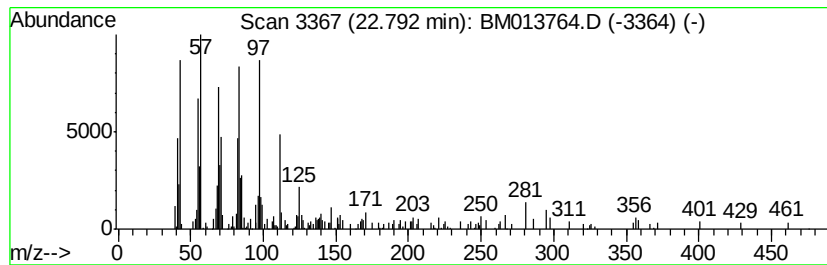
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic22.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.79	2.79 ng/ul	334177	Perylene-d12	23.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	93
2	9-Nonadecene	266	C19H38	031035-07-1	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	87
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	87



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 Data File : BM013764.D
 Acq On : 24 Jan 2018 11:46
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 Sample : J1221-01
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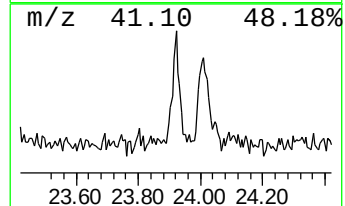
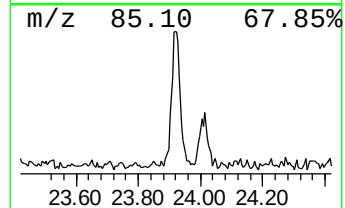
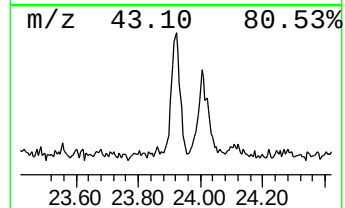
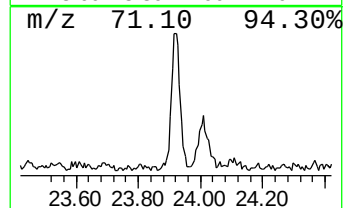
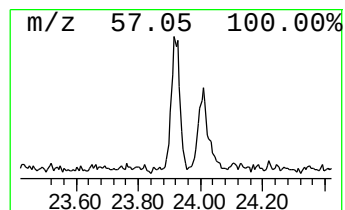
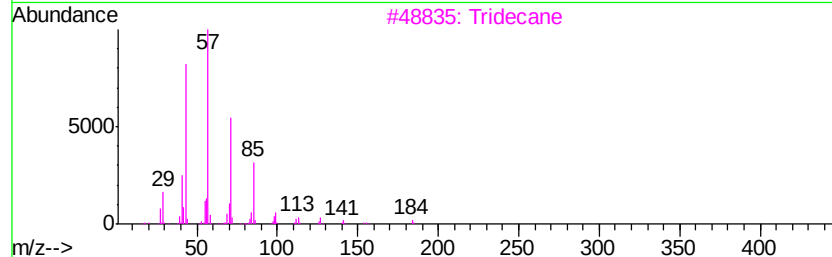
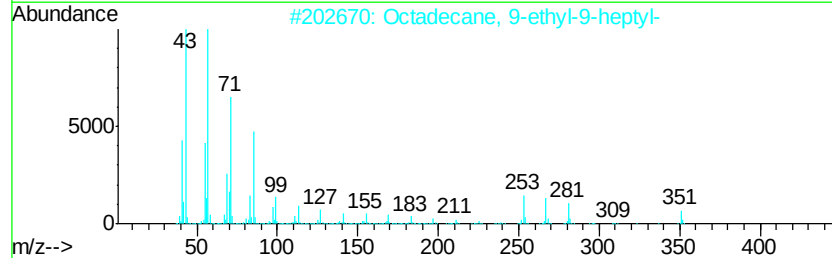
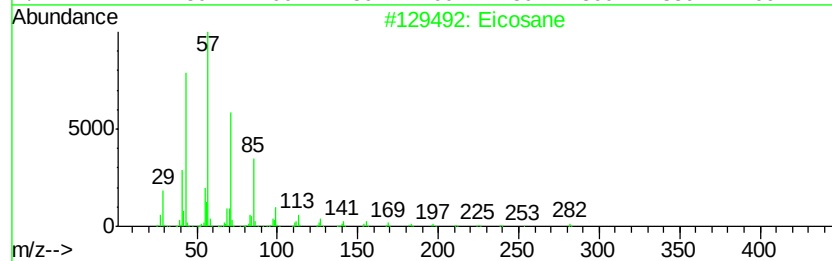
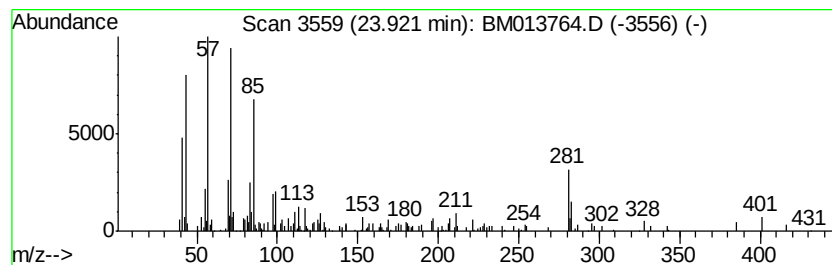
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.42 ng/ul	290087	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	72
3		Tridecane	184	C13H28	000629-50-5	64
4		Tridecane	184	C13H28	000629-50-5	59
5		Octadecane	254	C18H38	000593-45-3	59



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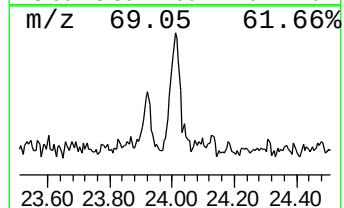
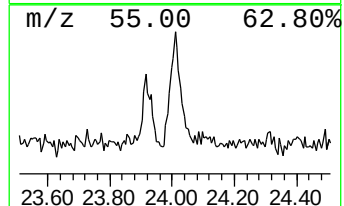
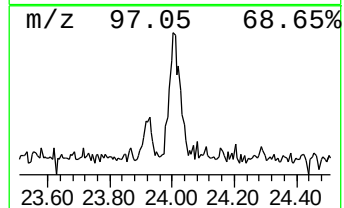
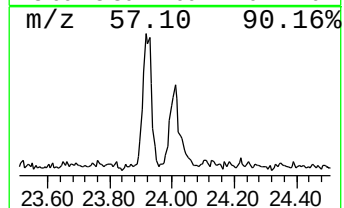
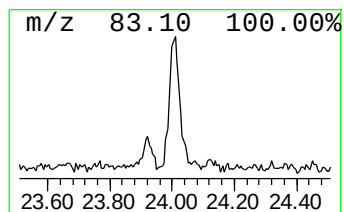
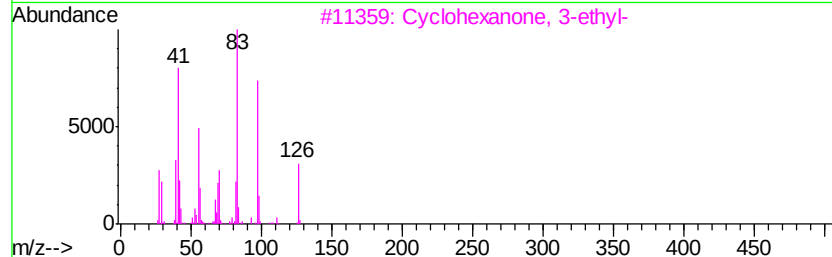
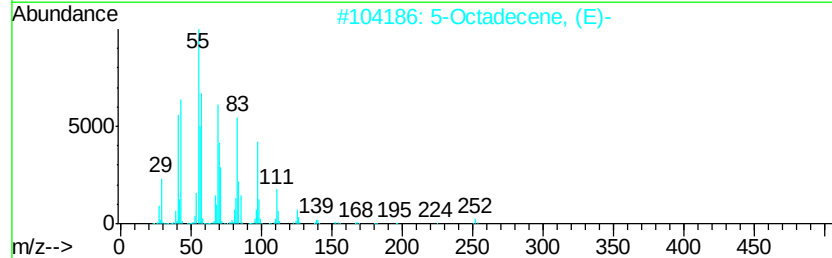
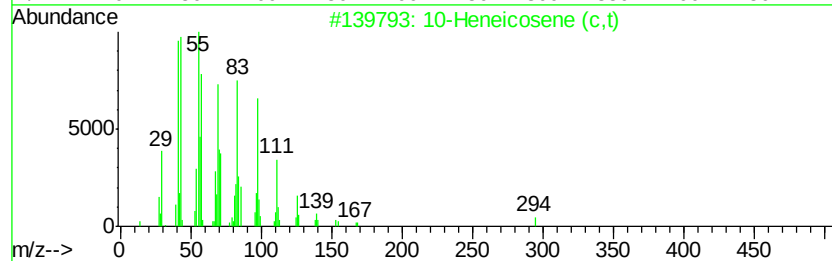
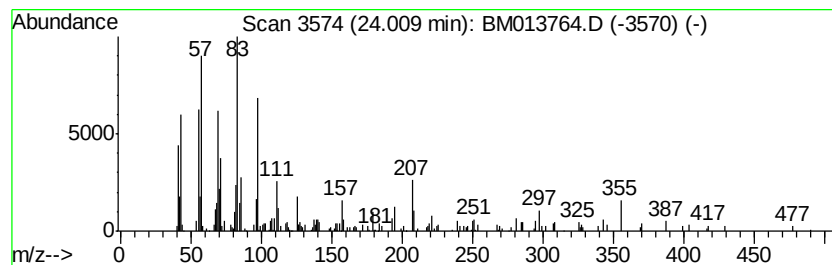
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic24.01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.30 ng/ul	395478	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	60
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	58
3		Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	46
4		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	46
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	45



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
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 Acq On : 24 Jan 2018 11:46
 Operator : SJ/JU
 Sample : J1221-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexadecanoic acid	17.92	3.1	ng/ul	342126	4	17.01	2236470	20.0
Octadecanoic acid	19.20	2.2	ng/ul	283642	5	21.21	2528880	20.0
Dehydroabietic acid	20.90	2.7	ng/ul	344836	5	21.21	2528880	20.0
Dichloroacetic ac...	20.93	4.6	ng/ul	577084	5	21.21	2528880	20.0
1-Heneicosanol	21.82	6.5	ng/ul	820437	5	21.21	2528880	20.0
(DEL) Alkane: Cyc...	22.79	2.8	ng/ul	334177	6	23.41	2394370	20.0
(DEL) Alkane: Str...	23.92	2.4	ng/ul	290087	6	23.41	2394370	20.0
(DEL) Alkane: Cyc...	24.01	3.3	ng/ul	395478	6	23.41	2394370	20.0