

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013751.D
 Acq On : 24 Jan 2018 04:01
 Operator : SJ/JU
 Sample : J1221-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A30

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	3.157	26	29	34	rVB2	42507	54262	1.06%	0.092%
2	6.292	555	562	569	rBV	101856	159288	3.11%	0.269%
3	6.786	639	646	658	rBV	898994	1585401	30.97%	2.675%
4	6.951	668	674	684	rVB	685641	1024446	20.01%	1.728%
5	7.139	700	706	720	rBV	973930	1537838	30.04%	2.595%
6	7.604	778	785	793	rBV	647835	997200	19.48%	1.682%
7	8.316	899	906	915	rBV	1122270	1806641	35.30%	3.048%
8	8.763	976	982	990	rVB	916753	1508590	29.47%	2.545%
9	9.475	1096	1103	1114	rBV	790894	1320678	25.80%	2.228%
10	10.010	1187	1194	1207	rBV	1122472	1952686	38.15%	3.295%
11	10.380	1250	1257	1266	rBV	814463	1354721	26.47%	2.286%
12	10.527	1275	1282	1296	rBV	955870	1688789	32.99%	2.849%
13	13.121	1719	1723	1729	rVB2	73007	99705	1.95%	0.168%
14	13.568	1793	1799	1805	rVV2	963908	1350800	26.39%	2.279%
15	13.674	1809	1817	1822	rBV	1974814	2784214	54.39%	4.698%
16	13.721	1822	1825	1833	rVB	374047	511636	10.00%	0.863%
17	13.945	1855	1863	1871	rBV	2230996	3324036	64.94%	5.608%
18	14.162	1894	1900	1904	rBV2	75702	114399	2.23%	0.193%
19	14.215	1904	1909	1912	rVV	552377	785072	15.34%	1.325%
20	14.257	1912	1916	1924	rVB2	1117856	1652812	32.29%	2.789%
21	14.486	1949	1955	1969	rBV2	672562	1367850	26.72%	2.308%
22	15.121	2058	2063	2069	rBV	88306	115646	2.26%	0.195%
23	15.257	2080	2086	2094	rVB	2834743	3884229	75.88%	6.554%
24	15.392	2104	2109	2120	rBV	772236	1180286	23.06%	1.991%
25	15.498	2123	2127	2136	rVB9	44198	97865	1.91%	0.165%
26	15.739	2163	2168	2172	rVB6	36975	58029	1.13%	0.098%
27	15.986	2205	2210	2218	rBV	84179	138196	2.70%	0.233%
28	16.780	2338	2345	2348	rBV3	40575	61767	1.21%	0.104%
29	17.009	2376	2384	2391	rBV	1446044	2054045	40.13%	3.466%
30	17.109	2395	2401	2413	rVB2	2987400	4266772	83.36%	7.199%
31	17.915	2533	2538	2545	rBV2	201183	297293	5.81%	0.502%
32	19.050	2722	2731	2735	rBV5	63449	127135	2.48%	0.215%
33	19.203	2753	2757	2765	rBV5	82203	125639	2.45%	0.212%
34	19.415	2786	2793	2801	rBV	3665492	5008893	97.86%	8.451%

LSC Area Percent Report

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35	19.815	2854	2861	2865	rBV7	47265	96159	1.88%	0.162%
36	19.962	2882	2886	2890	rBV3	82617	102814	2.01%	0.173%
37	20.009	2890	2894	2900	rVV2	141044	196910	3.85%	0.332%
38	20.339	2945	2950	2959	rBV3	321715	648332	12.67%	1.094%
39	20.609	2994	2996	3000	rVB4	65296	72411	1.41%	0.122%
40	20.768	3019	3023	3028	rVB	2961642	3357529	65.59%	5.665%
41	20.933	3046	3051	3059	rVB4	234799	370961	7.25%	0.626%
42	21.209	3093	3098	3105	rBV	1945810	2480931	48.47%	4.186%
43	21.750	3188	3190	3193	rVB3	60504	56928	1.11%	0.096%
44	23.274	3442	3449	3459	rBV	2786195	5118575	100.00%	8.636%
45	23.409	3466	3472	3481	rVB	1295928	2370750	46.32%	4.000%

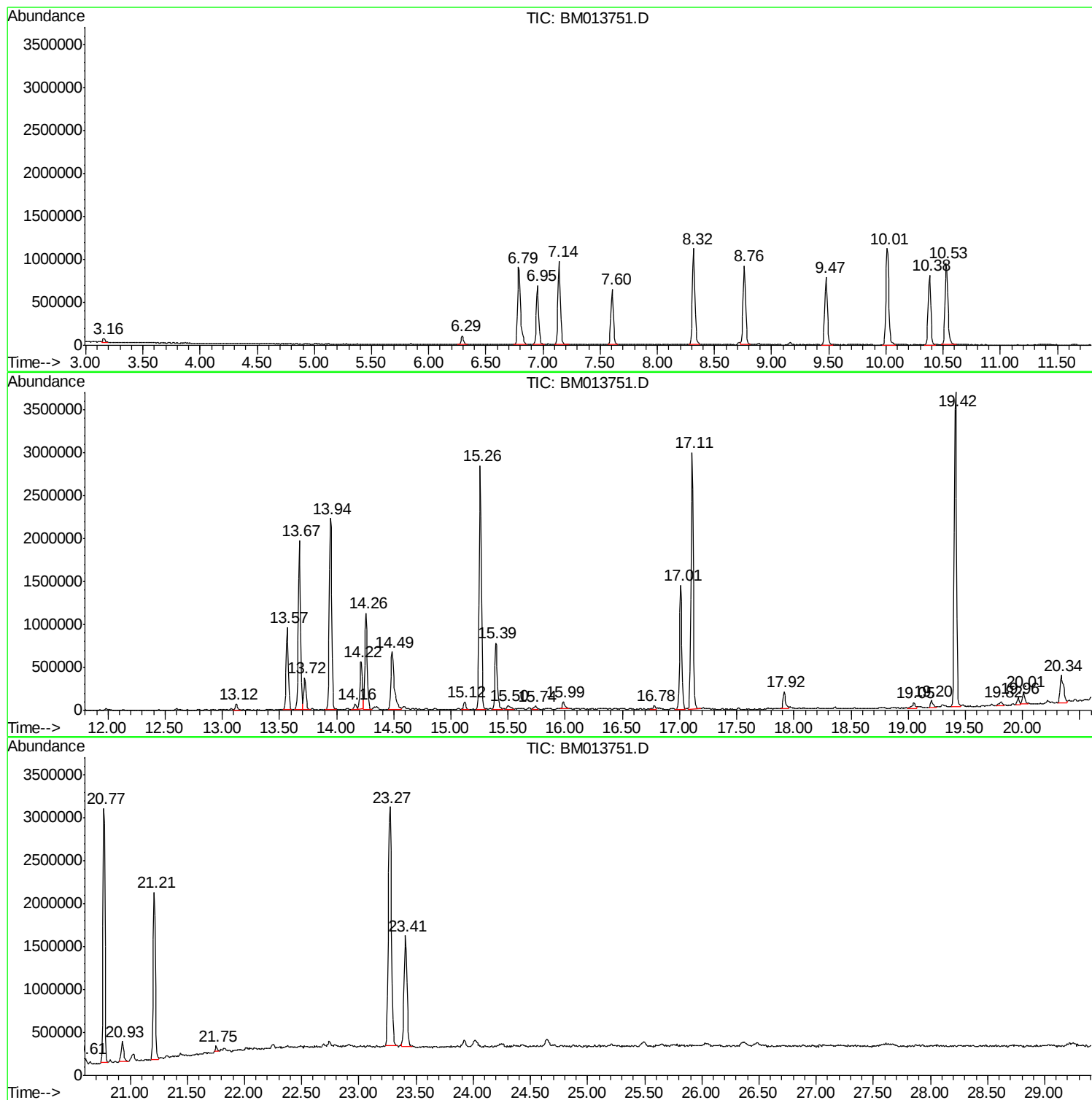
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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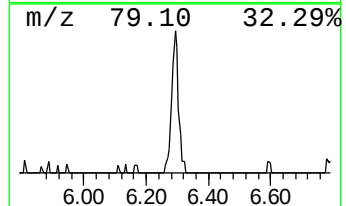
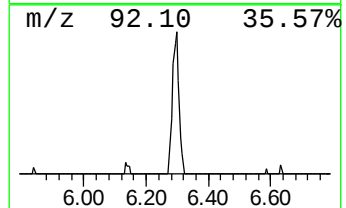
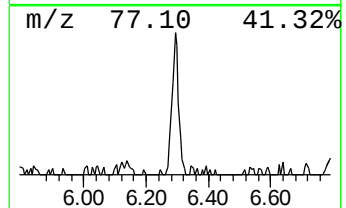
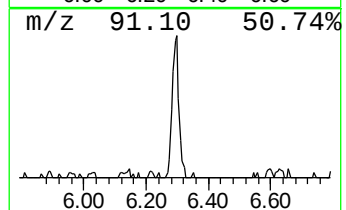
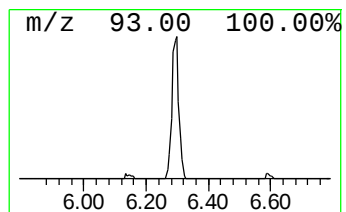
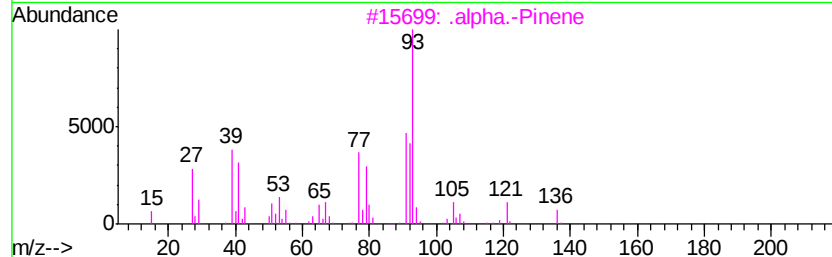
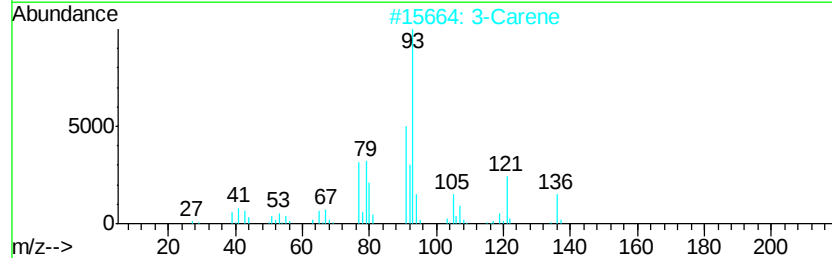
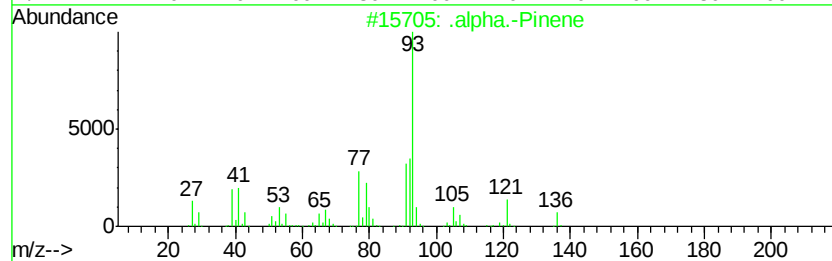
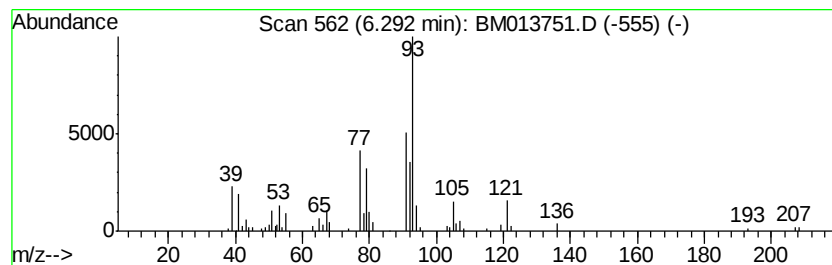
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	3.19 ng/ul	159288	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	91
2			3-Carene	136	C10H16	013466-78-9	90
3			.alpha.-Pinene	136	C10H16	000080-56-8	87
4			.gamma.-Terpinene	136	C10H16	000099-85-4	87
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87



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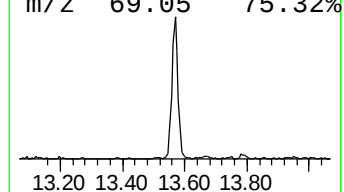
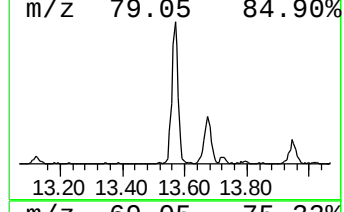
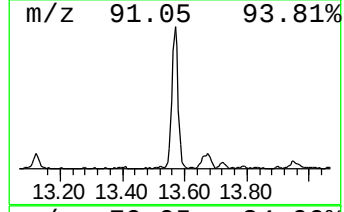
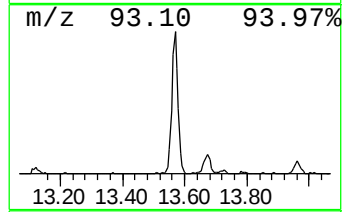
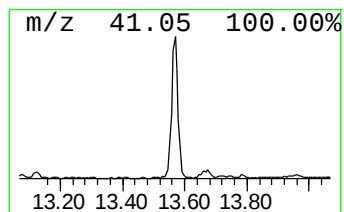
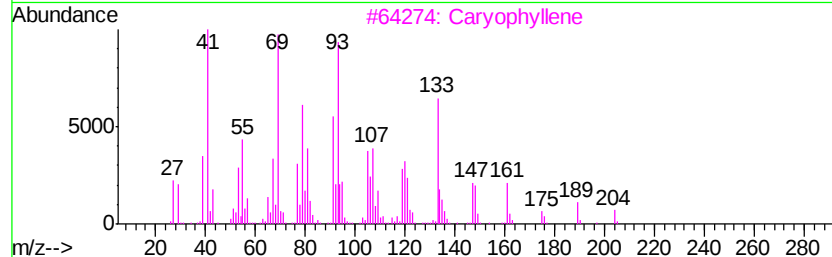
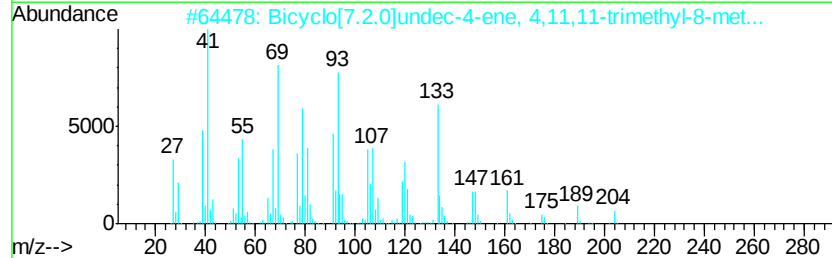
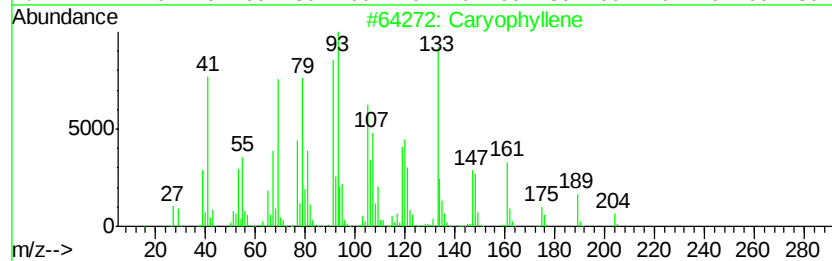
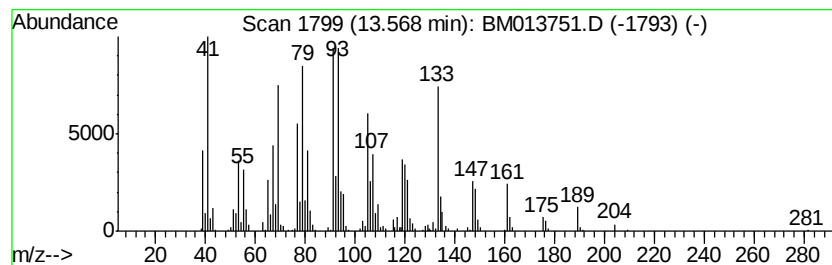
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Quant Title : SVOA CALIBRATION

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Peak Number 2 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	16.35 ng/ul	1350800	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 98
2		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 91
3		Caryophyllene	204 C15H24	000087-44-5 90
4		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 90
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	000118-65-0 89



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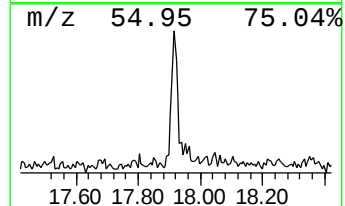
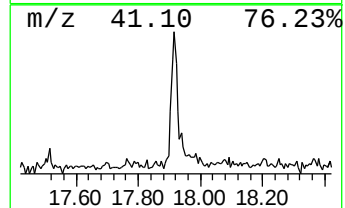
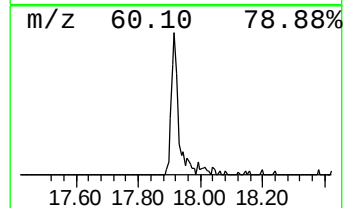
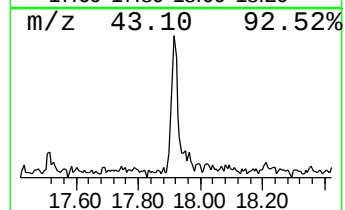
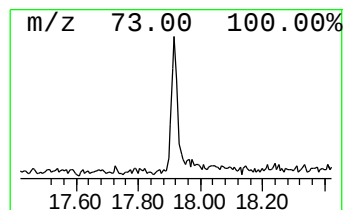
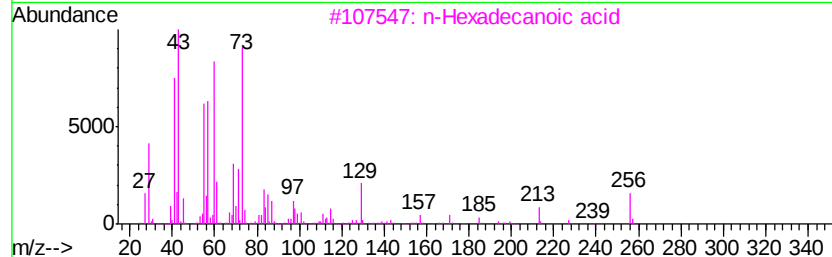
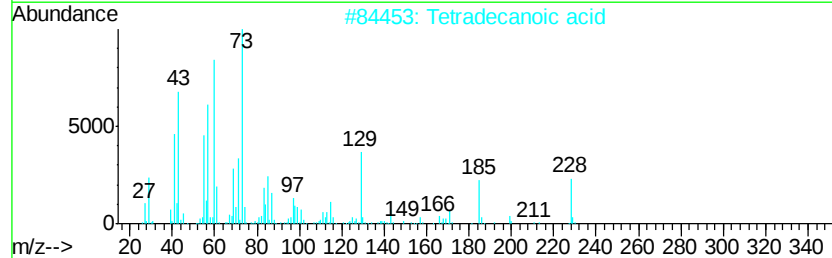
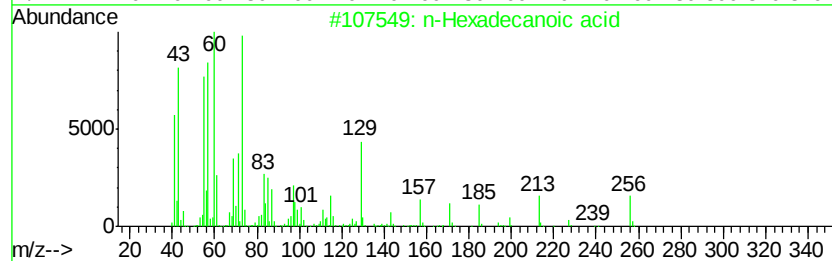
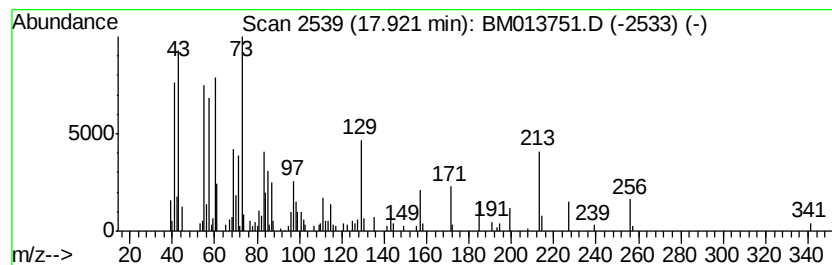
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.89 ng/ul	297293	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5		Tridecanoic acid	214	C13H26O2	000638-53-9	58



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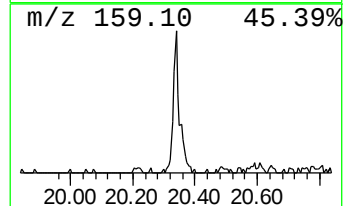
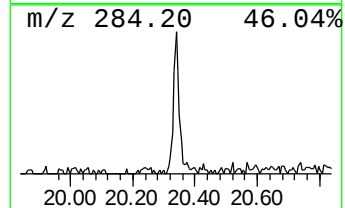
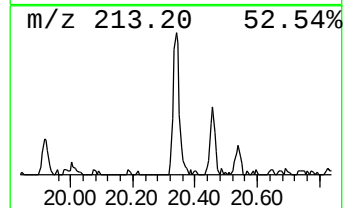
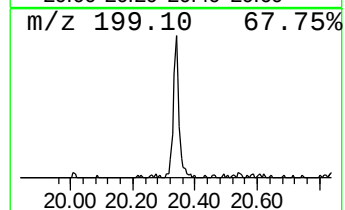
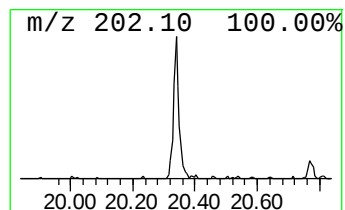
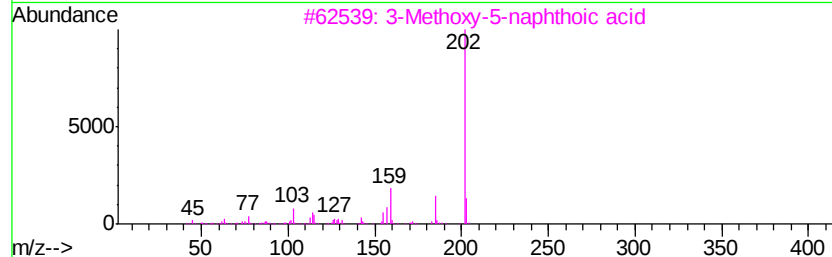
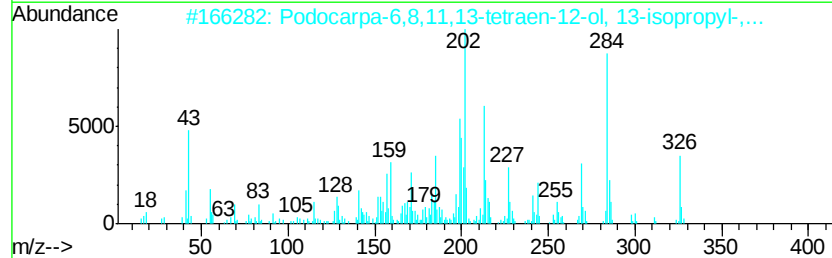
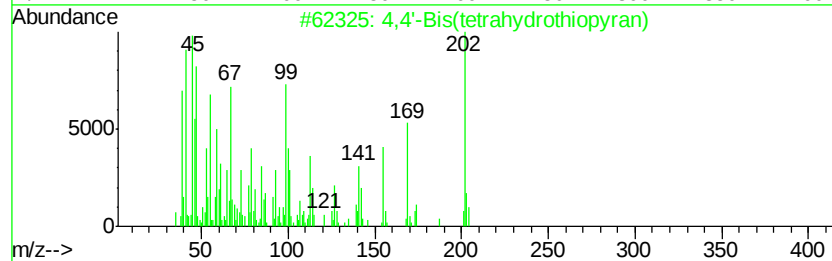
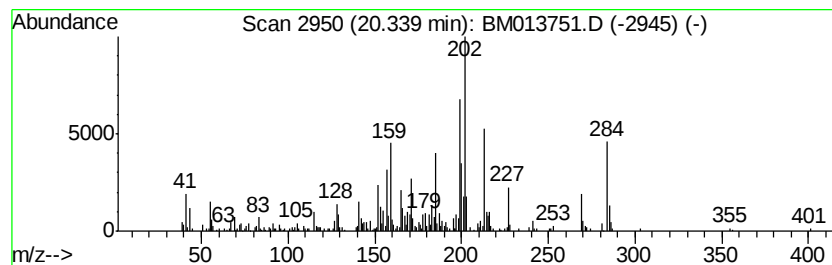
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Peak Number 4 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	5.23 ng/ul	648332	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	91
2		Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	38
3		3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	22
4		2,4(1H,3H)-Pyrimidinedione, 6-me...	202	C11H10N2O2	001015-64-1	22
5		[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	22



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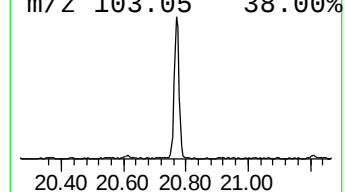
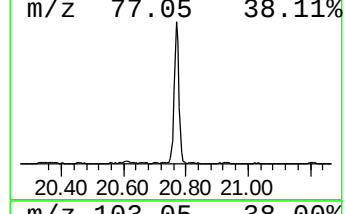
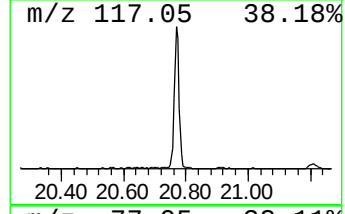
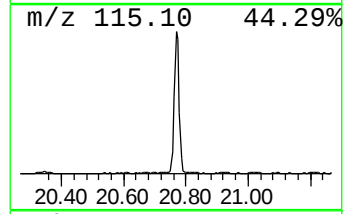
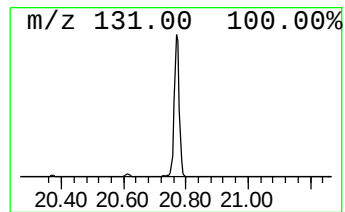
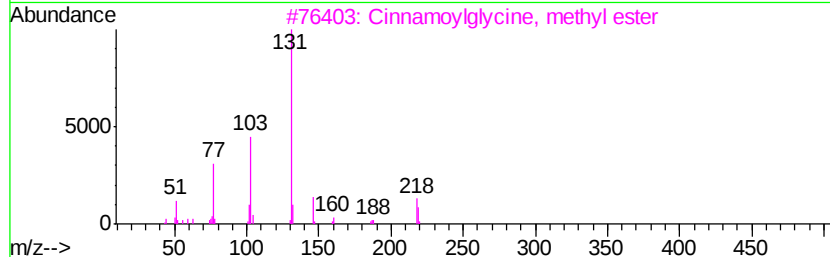
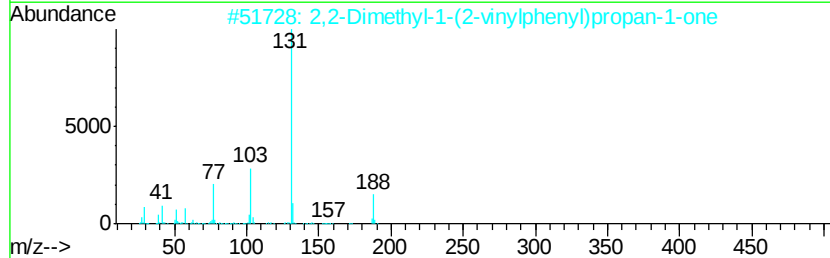
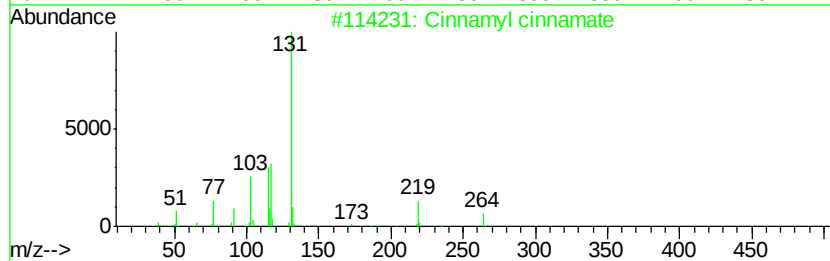
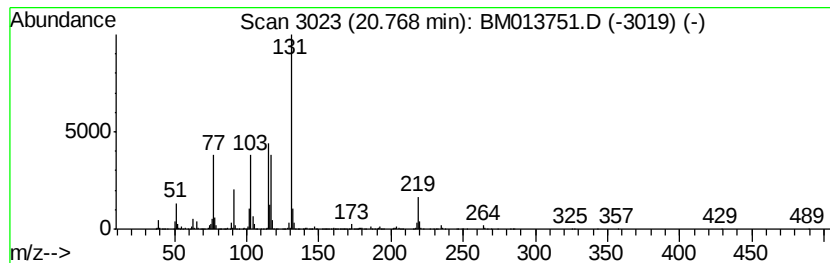
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	27.07 ng/ul	3357530	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	83
2		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3		Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
4		Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
5		2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013751.D
Acq On : 24 Jan 2018 04:01
Operator : SJ/JU
Sample : J1221-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A30

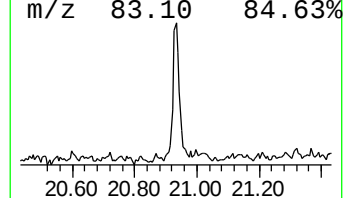
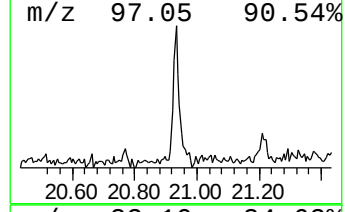
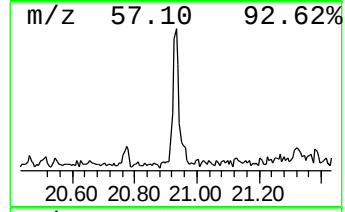
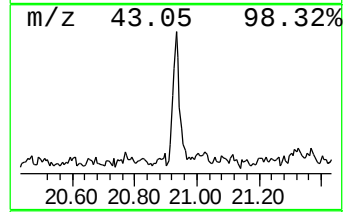
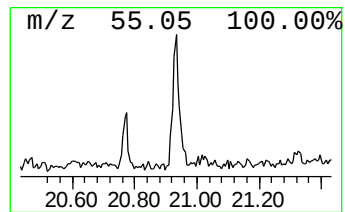
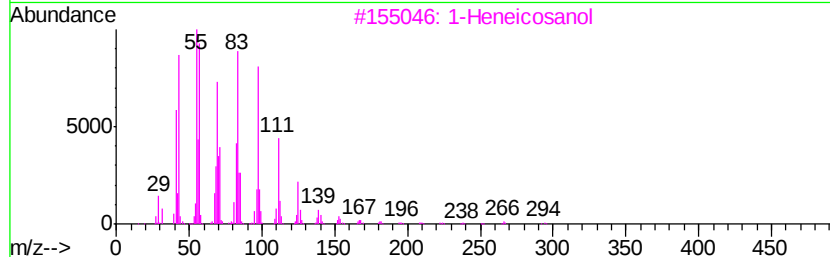
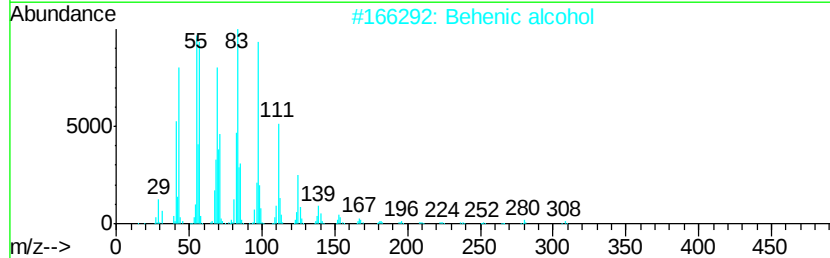
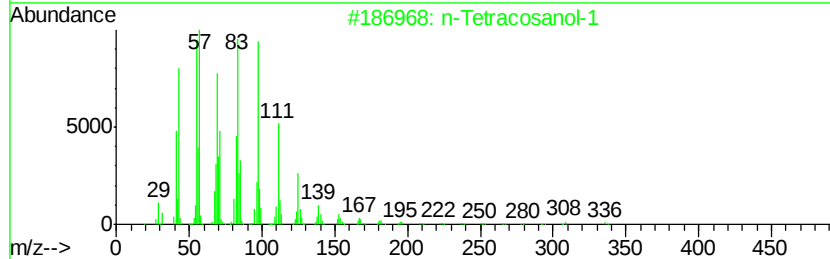
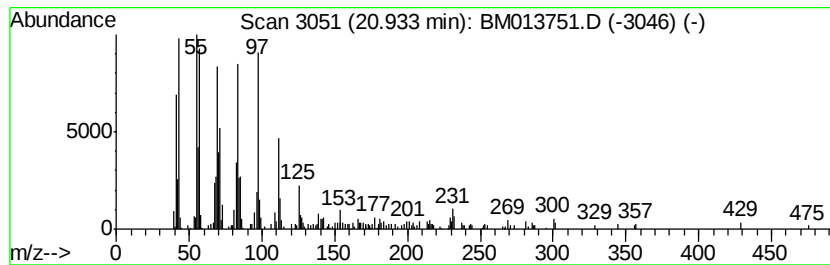
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.99 ng/ul	370961	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
2	Behenic alcohol		326	C22H46O	000661-19-8	93
3	1-Heneicosanol		312	C21H44O	015594-90-8	93
4	Trifluoroacetic acid, pentadecyl...		324	C17H31F3O2	959010-23-2	91
5	n-Nonadecanol-1		284	C19H40O	001454-84-8	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
Data File : BM013751.D
Acq On : 24 Jan 2018 04:01
Operator : SJ/JU
Sample : J1221-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A30

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
.alpha.-Pinene	6.29	3.2	ng/ul	159288	1	7.60	997200	20.0
Caryophyllene	13.57	16.4	ng/ul	1350800	3	14.26	1652810	20.0
n-Hexadecanoic acid	17.92	2.9	ng/ul	297293	4	17.01	2054050	20.0
4,4'-Bis(tetrahyd...	20.34	5.2	ng/ul	648332	5	21.21	2480930	20.0
Cinnamyl cinnamate	20.77	27.1	ng/ul	3357530	5	21.21	2480930	20.0
n-Tetracosanol-1	20.93	3.0	ng/ul	370961	5	21.21	2480930	20.0