

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013707.D
 Acq On : 22 Jan 2018 22:59
 Operator : SJ/JU
 Sample : J1220-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A11

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	35	rVB	39467	48580	1.16%	0.102%
2	6.793	640	647	658	rBV2	688246	1245286	29.74%	2.622%
3	6.952	668	674	682	rBV	510651	786755	18.79%	1.657%
4	7.146	698	707	718	rBV	717891	1144422	27.33%	2.410%
5	7.610	780	786	795	rVB	556519	853306	20.38%	1.797%
6	8.322	900	907	918	rBV	823896	1376415	32.87%	2.899%
7	8.763	971	982	992	rBV	713500	1169643	27.93%	2.463%
8	9.481	1097	1104	1111	rBV	590850	994111	23.74%	2.094%
9	10.016	1188	1195	1205	rBV	831897	1437157	34.32%	3.027%
10	10.387	1249	1258	1265	rBV	694495	1137392	27.16%	2.395%
11	10.534	1275	1283	1295	rBV	692568	1290652	30.82%	2.718%
12	13.128	1720	1724	1729	rVB3	35389	48825	1.17%	0.103%
13	13.575	1793	1800	1806	rBV	1469964	2069943	49.43%	4.359%
14	13.675	1811	1817	1822	rBV	1409102	2015633	48.14%	4.245%
15	13.722	1822	1825	1833	rVB	380376	554564	13.24%	1.168%
16	13.951	1857	1864	1873	rVB	1725200	2471625	59.03%	5.205%
17	14.169	1894	1901	1905	rBV	38131	55372	1.32%	0.117%
18	14.257	1910	1916	1925	rVV2	876173	1391715	33.24%	2.931%
19	14.328	1925	1928	1940	rVB6	21119	44632	1.07%	0.094%
20	14.486	1948	1955	1968	rBV	451384	950669	22.70%	2.002%
21	14.592	1968	1973	1983	rVB	24700	71104	1.70%	0.150%
22	15.122	2059	2063	2067	rVV2	52873	62421	1.49%	0.131%
23	15.257	2080	2086	2093	rBV	2028856	2827774	67.53%	5.955%
24	15.398	2104	2110	2122	rBV	557190	844235	20.16%	1.778%
25	15.504	2124	2128	2138	rVB5	28603	59696	1.43%	0.126%
26	15.986	2205	2210	2218	rBV3	54922	97593	2.33%	0.206%
27	16.780	2340	2345	2349	rBV3	39219	52783	1.26%	0.111%
28	17.010	2378	2384	2391	rBV	1152029	1665207	39.77%	3.507%
29	17.110	2393	2401	2413	rVV	2150580	3116122	74.42%	6.562%
30	17.916	2533	2538	2545	rBV3	142700	219020	5.23%	0.461%
31	19.051	2728	2731	2734	rBV3	38163	54691	1.31%	0.115%
32	19.204	2753	2757	2765	rBV5	82724	121619	2.90%	0.256%
33	19.327	2771	2778	2784	rVB2	170924	229931	5.49%	0.484%
34	19.416	2787	2793	2801	rBV	2699638	3679063	87.86%	7.748%

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35	19.816	2853	2861	2865	rBV2	118087	220294	5.26%	0.464%
36	19.963	2881	2886	2890	rBV	209857	265470	6.34%	0.559%
37	20.368	2947	2955	2960	rBV10	41429	97857	2.34%	0.206%
38	20.616	2993	2997	3001	rBV3	62653	78384	1.87%	0.165%
39	20.774	3019	3024	3030	rVB	3682738	4187300	100.00%	8.818%
40	20.933	3048	3051	3055	rVB4	100788	121484	2.90%	0.256%
41	21.210	3093	3098	3107	rBV	1691668	2184461	52.17%	4.600%
42	23.268	3442	3448	3458	rVB2	2212746	4064384	97.06%	8.559%
43	23.409	3465	3472	3484	rVB	1110765	2077226	49.61%	4.375%

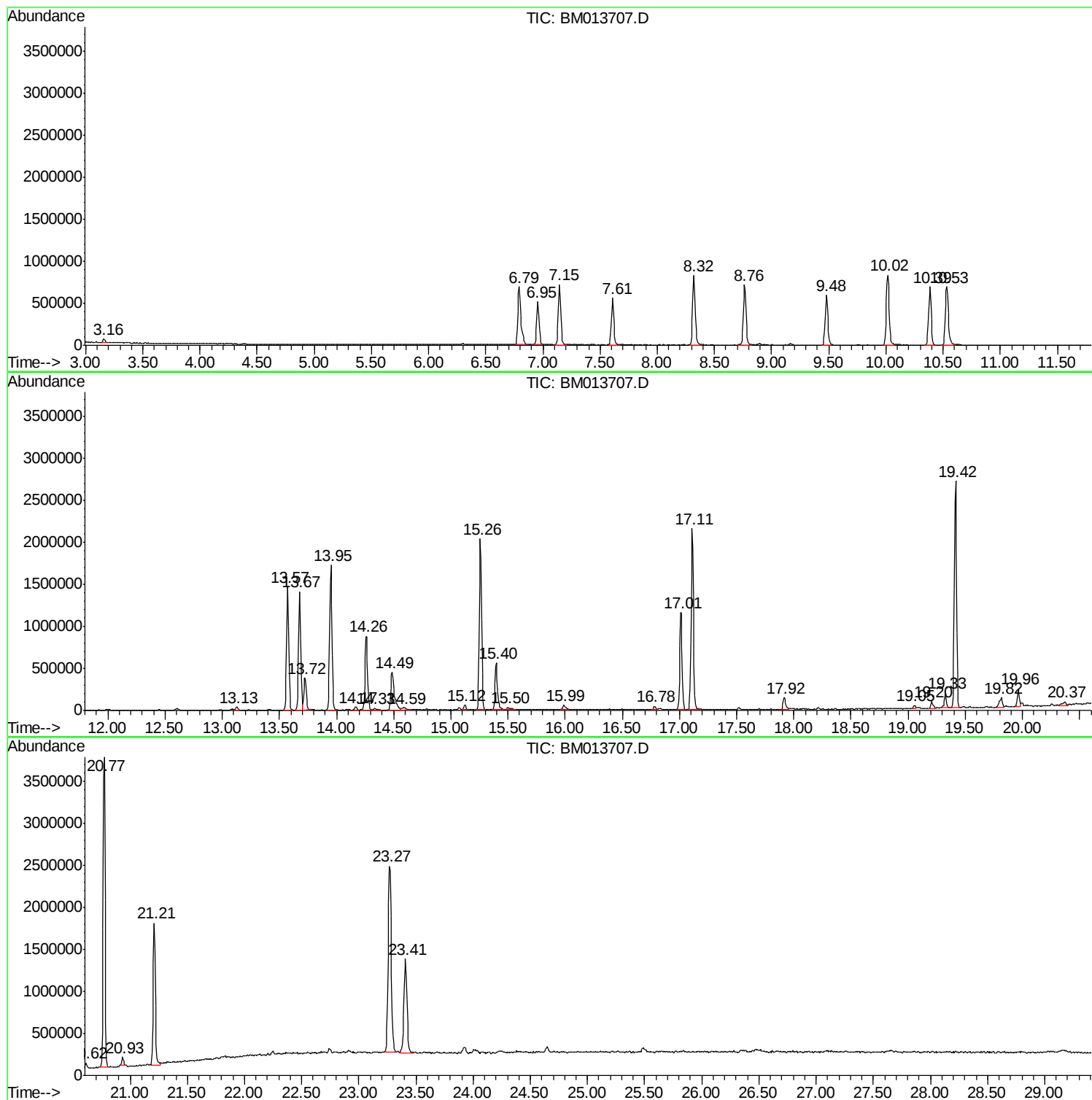
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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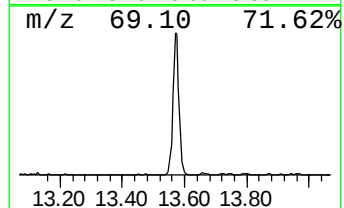
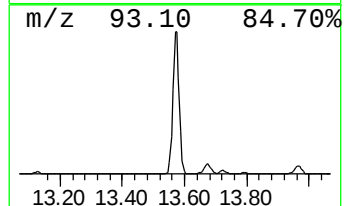
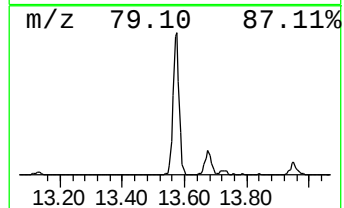
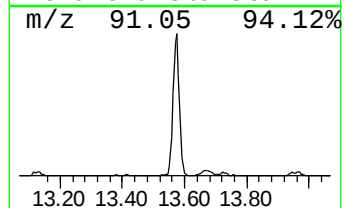
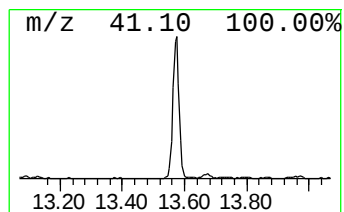
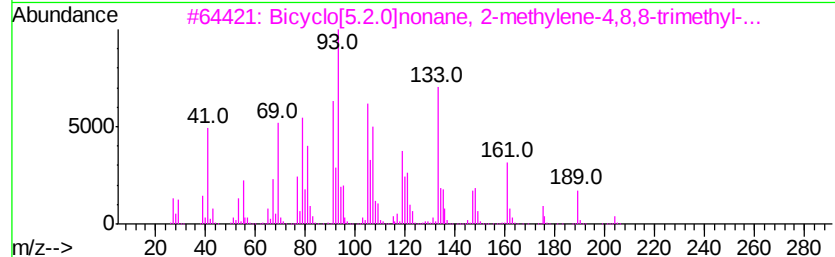
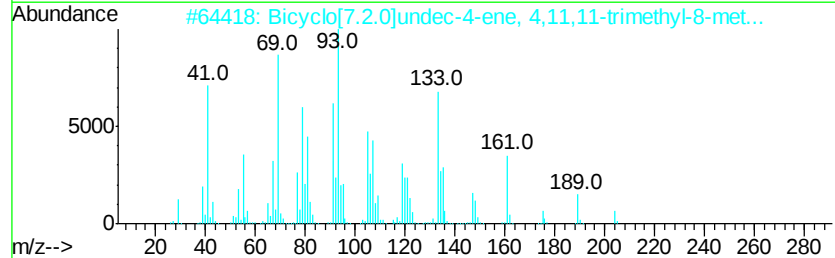
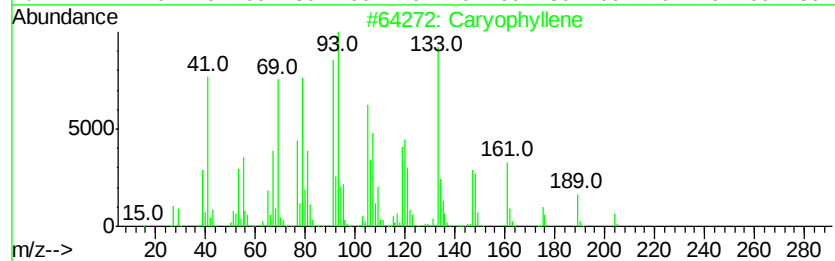
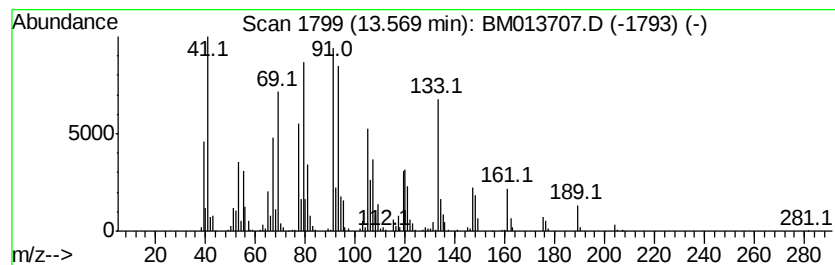
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	29.75 ng/ul	2069940	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Caryophyllene	204 C15H24	000087-44-5 97
2		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 64
3		Bicyclo[5.2.0]nonane, 2-methyl-...	204 C15H24	242794-76-9 50
4		Caryophyllene	204 C15H24	000087-44-5 49
5		Bicyclo[7.2.0]undec-4-ene, 4,11,...	204 C15H24	013877-93-5 46



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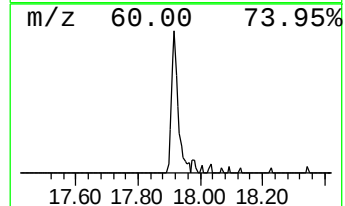
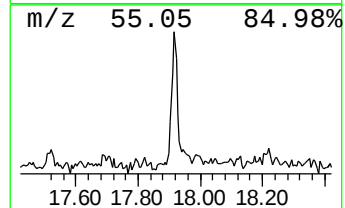
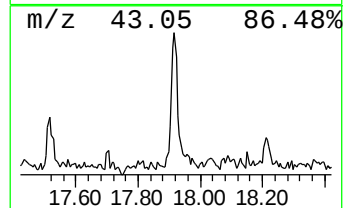
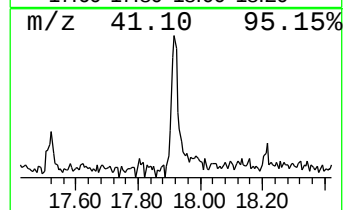
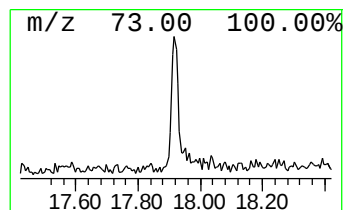
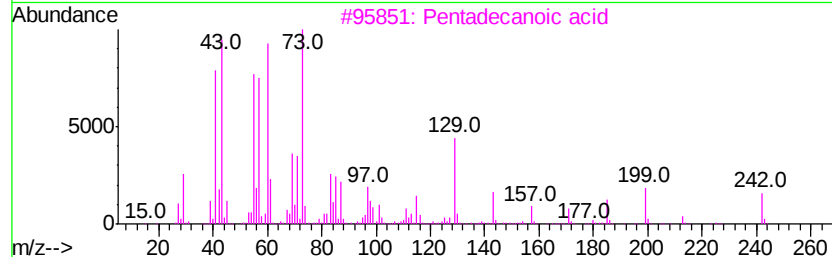
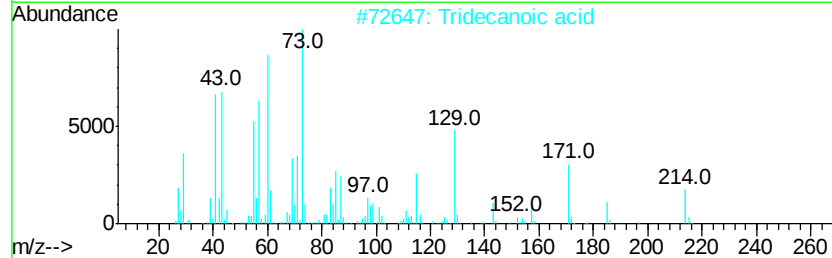
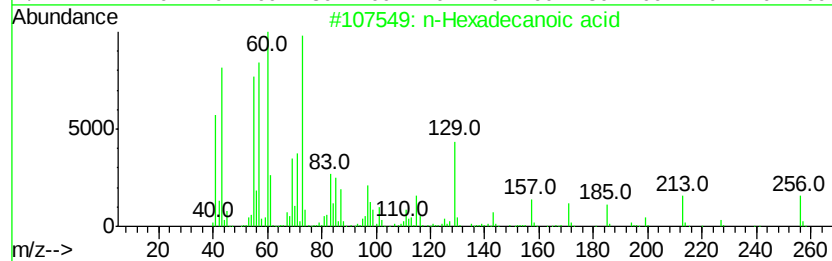
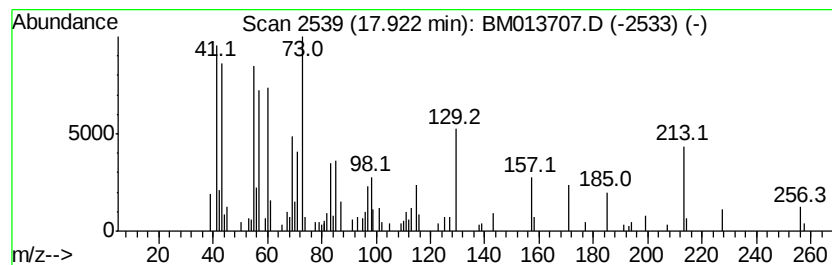
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.63 ng/ul	219020	Phenanthrene-d10	17.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2			Tridecanoic acid	214	C13H26O2	000638-53-9	76
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Undecanoic acid	186	C11H22O2	000112-37-8	59



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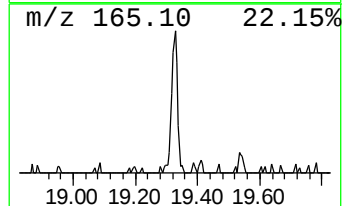
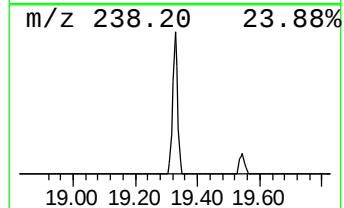
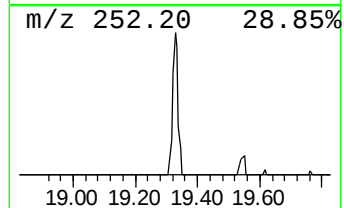
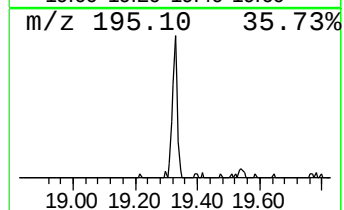
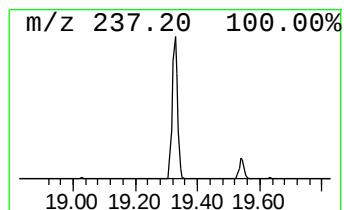
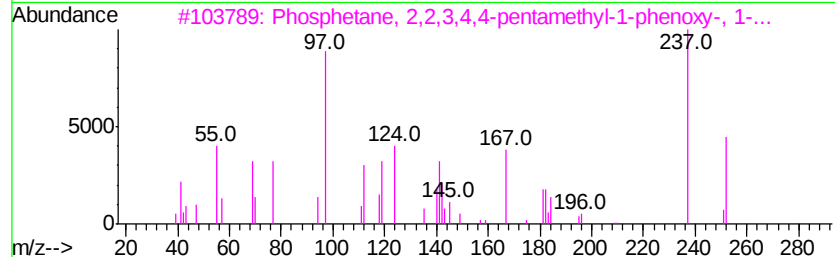
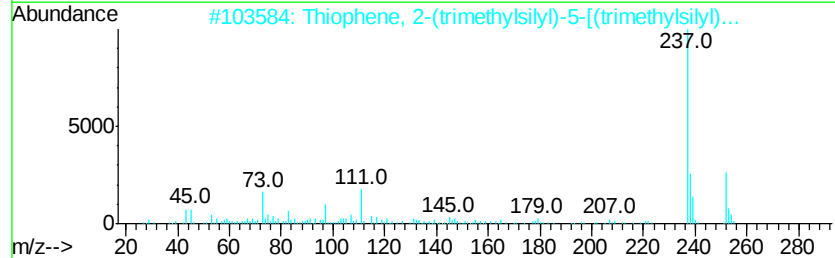
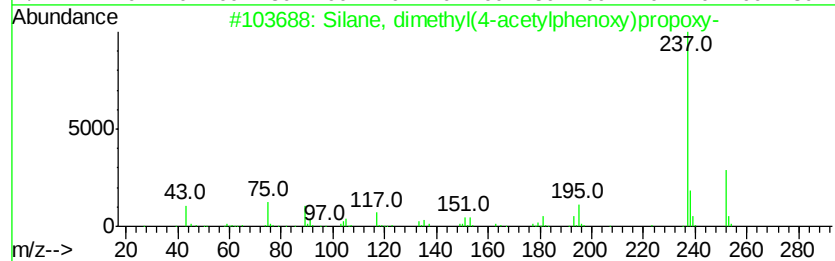
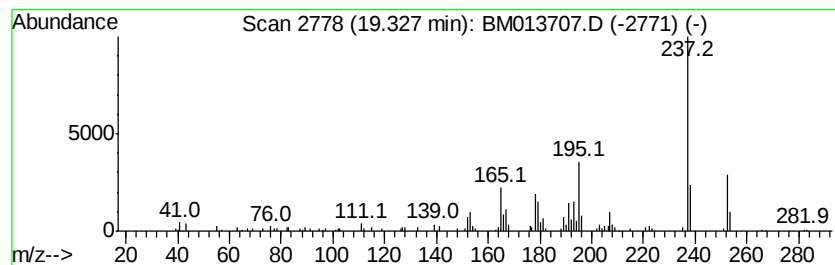
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Silane, dimethyl(4-acetylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.11 ng/ul	229931	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dimethyl(4-acetylphenoxy...	252	C13H20O3Si	1000347-30-8	58
2		Thiophene, 2-(trimethylsilyl)-5-...	252	C12H20SSi2	1000142-86-0	52
3		Phosphetane, 2,2,3,4,4-pentameth...	252	C14H21O2P	050517-26-5	50
4		2-(Carboxymethylene)-4,4-dimethy...	270	C13H18O6	180691-11-6	49
5		3,6-Acridinediamine, 2,7-dimethyl-	237	C15H15N3	000092-26-2	46



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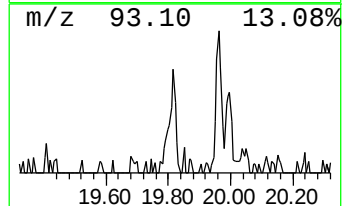
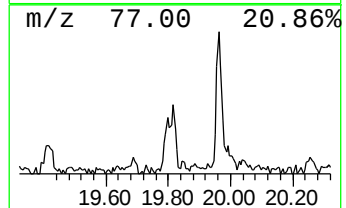
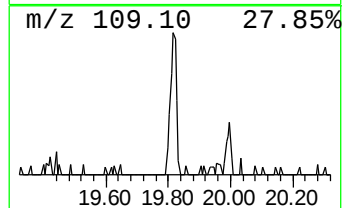
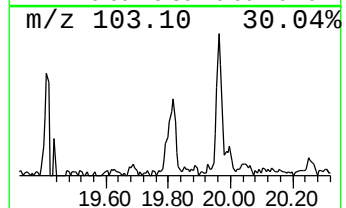
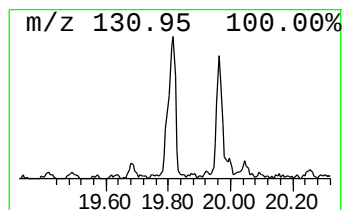
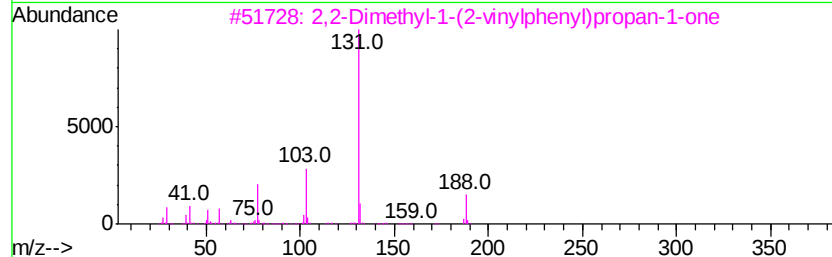
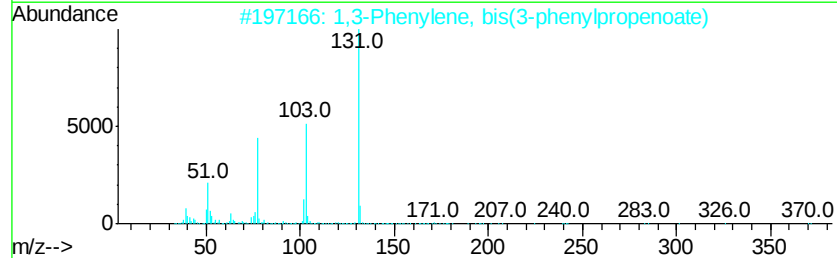
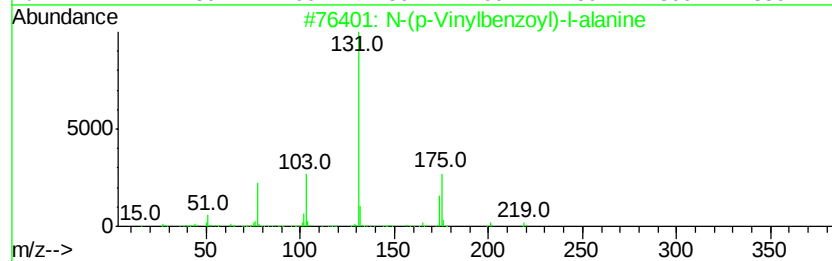
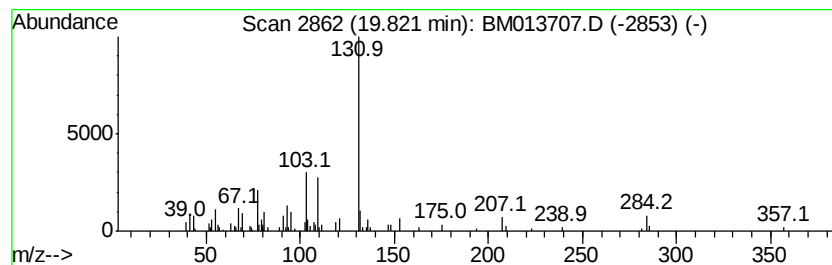
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Peak Number 4 N-(p-Vinylbenzoyl)-l-alanine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.02 ng/ul	220294	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	53
2		1,3-Phenylene, bis(3-phenylprope...	370	C24H18O4	1000259-62-4	53
3		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	53
4		2,4,5-Trichlorophenyl cinnamate	326	C15H9Cl3O2	1000242-39-6	53
5		p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	53



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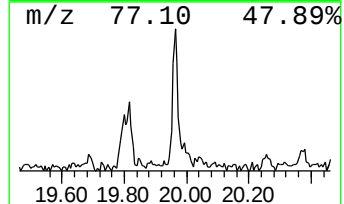
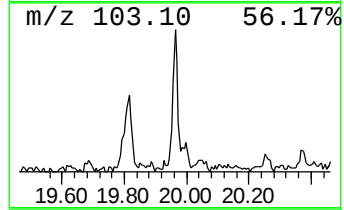
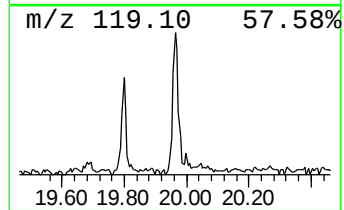
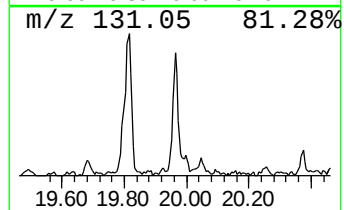
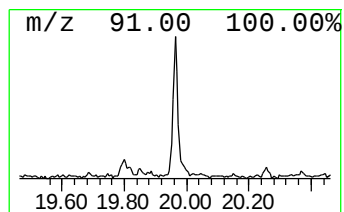
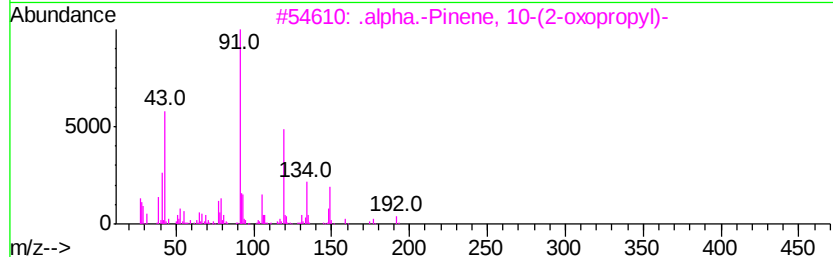
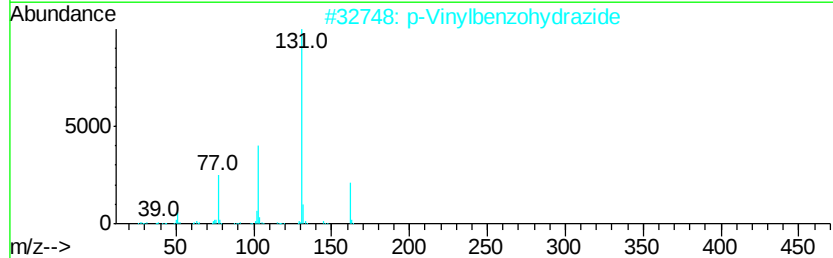
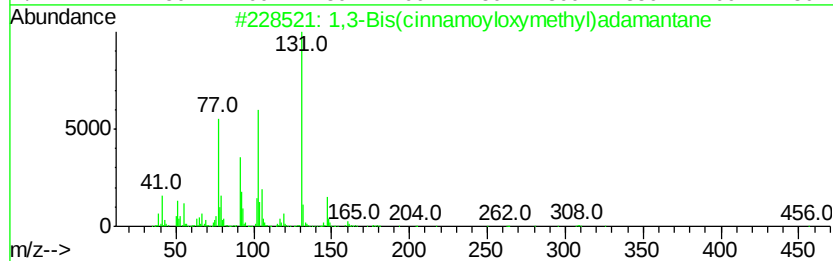
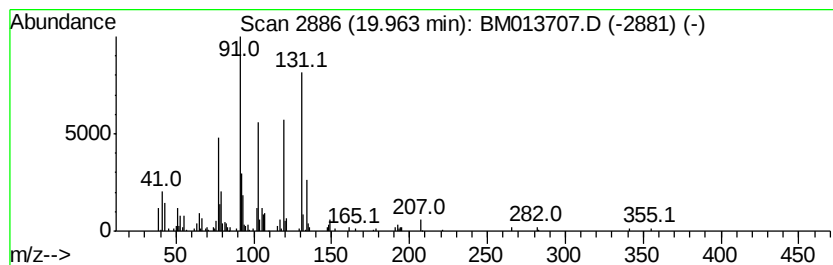
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TIC Integration Parameters: LSCINT.P

Peak Number 5 1,3-Bis(cinnamoyloxymethyl)... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	2.43 ng/ul	265470	Chrysene-d12	21.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3-Bis(cinnamoyloxymethyl)adama...	456	C30H32O4	303797-58-2	50
2		p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47
3		.alpha.-Pinene, 10-(2-oxopropyl)-	192	C13H20O	1000159-36-3	38
4		Azete, 2,3-dihydro-4-phenyl-	131	C9H9N	033720-74-0	38
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
Data File : BM013707.D
Acq On : 22 Jan 2018 22:59
Operator : SJ/JU
Sample : J1220-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

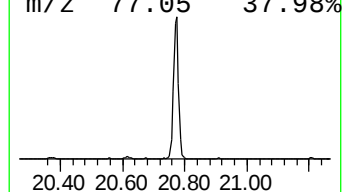
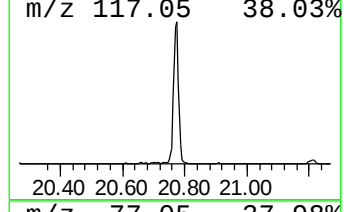
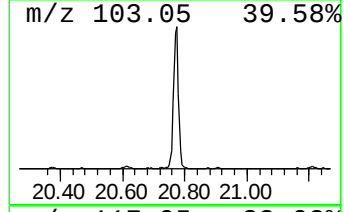
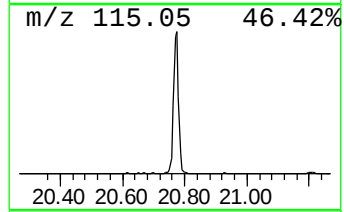
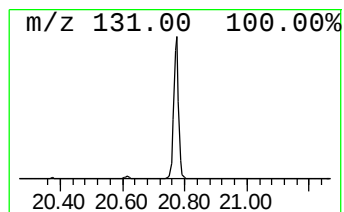
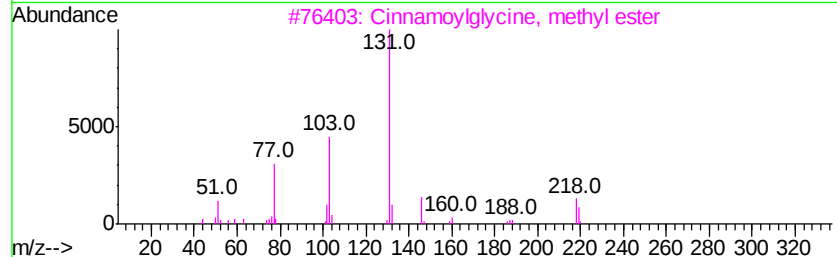
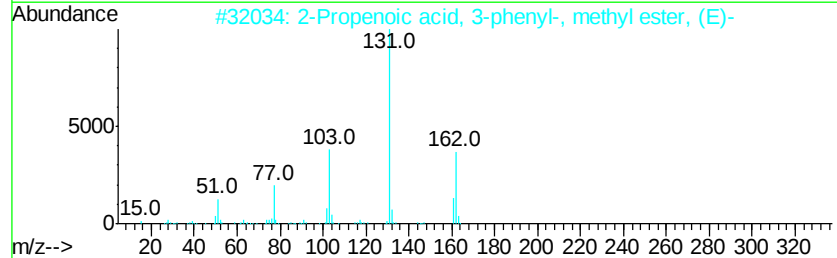
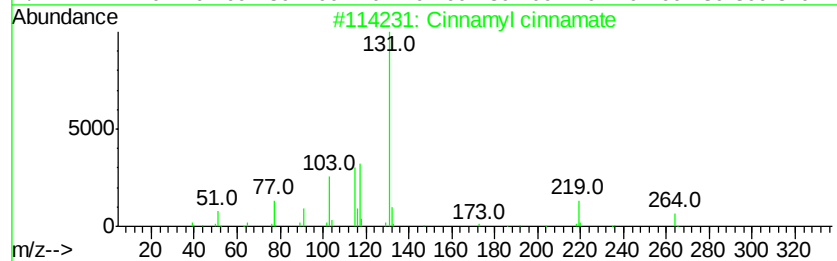
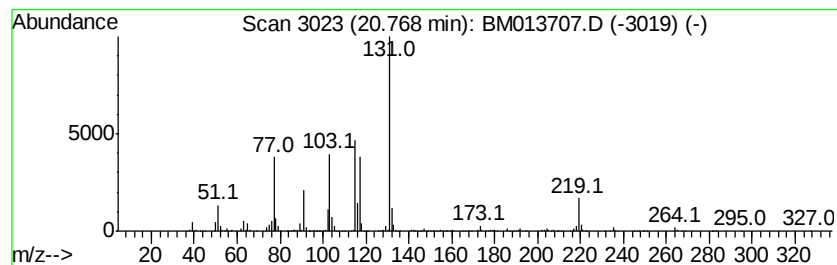
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.77	38.34 ng/ul	4187300	Chrysene-d12	21.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2	2-Propenoic acid, 3-phenyl-, met...	162	C10H10O2	001754-62-7	50
3	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	49
4	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
5	3-Butenoic acid, 2-oxo-4-phenyl-...	190	C11H10O3	1000142-22-4	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012218\
Data File : BM013707.D
Acq On : 22 Jan 2018 22:59
Operator : SJ/JU
Sample : J1220-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A11

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
Caryophyllene	13.57	29.8	ng/ul	2069940	3	14.26	1391720	20.0
n-Hexadecanoic acid	17.92	2.6	ng/ul	219020	4	17.02	1665210	20.0
Silane, dimethyl(...	19.33	2.1	ng/ul	229931	5	21.21	2184460	20.0
N-(p-Vinylbenzoyl...	19.82	2.0	ng/ul	220294	5	21.21	2184460	20.0
1,3-Bis(cinnamoyl...	19.96	2.4	ng/ul	265470	5	21.21	2184460	20.0
Cinnamyl cinnamate	20.77	38.3	ng/ul	4187300	5	21.21	2184460	20.0