LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014132.D
Acq On : 03 Feb 2018 02:20
Operator : SJ/JU
Sample : J1339-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C95

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM013118.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	6.740	633	638	655	rVB	327582	611068	9.84%	1.673%
2	6.898	659	665	677	rVB	272427	436287	7.03%	1.195%
3	7.087	692	697	707	rBV	403322	668394	10.76%	1.830%
4	7.551	770	776	787	rBV	366362	629351	10.13%	1.723%
5	8.269	892	898	913	rBV	438064	804552	12.95%	2.203%
6	8.710	967	973	984	rBV	403199	713112	11.48%	1.953%
7	9.428	1088	1095	1105	rBV	345592	659303	10.62%	1.805%
8	9.963	1178	1186	1200	rBV	448323	889722	14.33%	2.436%
9	10.322	1240	1247	1256	rBV	518791	857306	13.80%	2.347%
10	10.481	1267	1274	1294	rBV	342458	801287	12.90%	2.194%
11	13.510	1783	1789	1795	rBV2	592048	805961	12.98%	2.207%
12	13.627	1799	1809	1815	rBV	962384	1458284	23.48%	3.993%
13	13.674	1815	1817	1825	rVB2	90955	140080	2.26%	0.384%
14	13.898	1848	1855	1865	rBV	1126989	1737982	27.98%	4.759%
15	14.157	1894	1899	1903	rBV	316938	440822	7.10%	1.207%
16	14.204	1903	1907	1916	rVV3	759042	1176322	18.94%	3.221%
17	14.457	1945	1950	1959	rBV2	232058	514084	8.28%	1.408%
18	14.533	1961	1963	1971	rVB7	38905	62433	1.01%	0.171%
19	15.210	2072	2078	2089	rBV	1400619	2072723	33.37%	5.675%
20	15.357	2098	2103	2115	rBV	303431	577795	9.30%	1.582%
21	15.451	2115	2119	2128	rVB7	25038	62579	1.01%	0.171%
22	15.692	2154	2160	2168	rVB5	37954	64797	1.04%	0.177%
23	15.939	2196	2202	2209	rBV4	43316	96610	1.56%	0.265%
24	16.962	2369	2376	2383	rBV	1092737	1528298	24.61%	4.185%
25	17.062	2386	2393	2406	rVV	1546102	2285822	36.81%	6.259%
26	17.868	2526	2530	2544	rBV3	117484	219713	3.54%	0.602%
27	19.162	2746	2750	2761	rBV7	84843	163583	2.63%	0.448%
28	19.368	2779	2785	2794	rBV	1951034	2698318	43.45%	7.388%
29	19.915	2875	2878	2884	rBV5	57019	79204	1.28%	0.217%
30	20.733	3012	3017	3025	rVB	5508685	6210487	100.00%	17.005%
31	20.886	3039	3043	3056	rVB3	244026	384869	6.20%	1.054%
32	21.168	3086	3091	3098	rBV	1501120	1943432	31.29%	5.321%
33	23.209	3431	3438	3445	rBV2	1567800	2863535	46.11%	7.841%
34	23.344	3455	3461	3473	rVB2	954619	1862957	30.00%	5.101%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
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Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM013118.M
Title : SVOA CALIBRATION

Sum of corrected areas: 36521072

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
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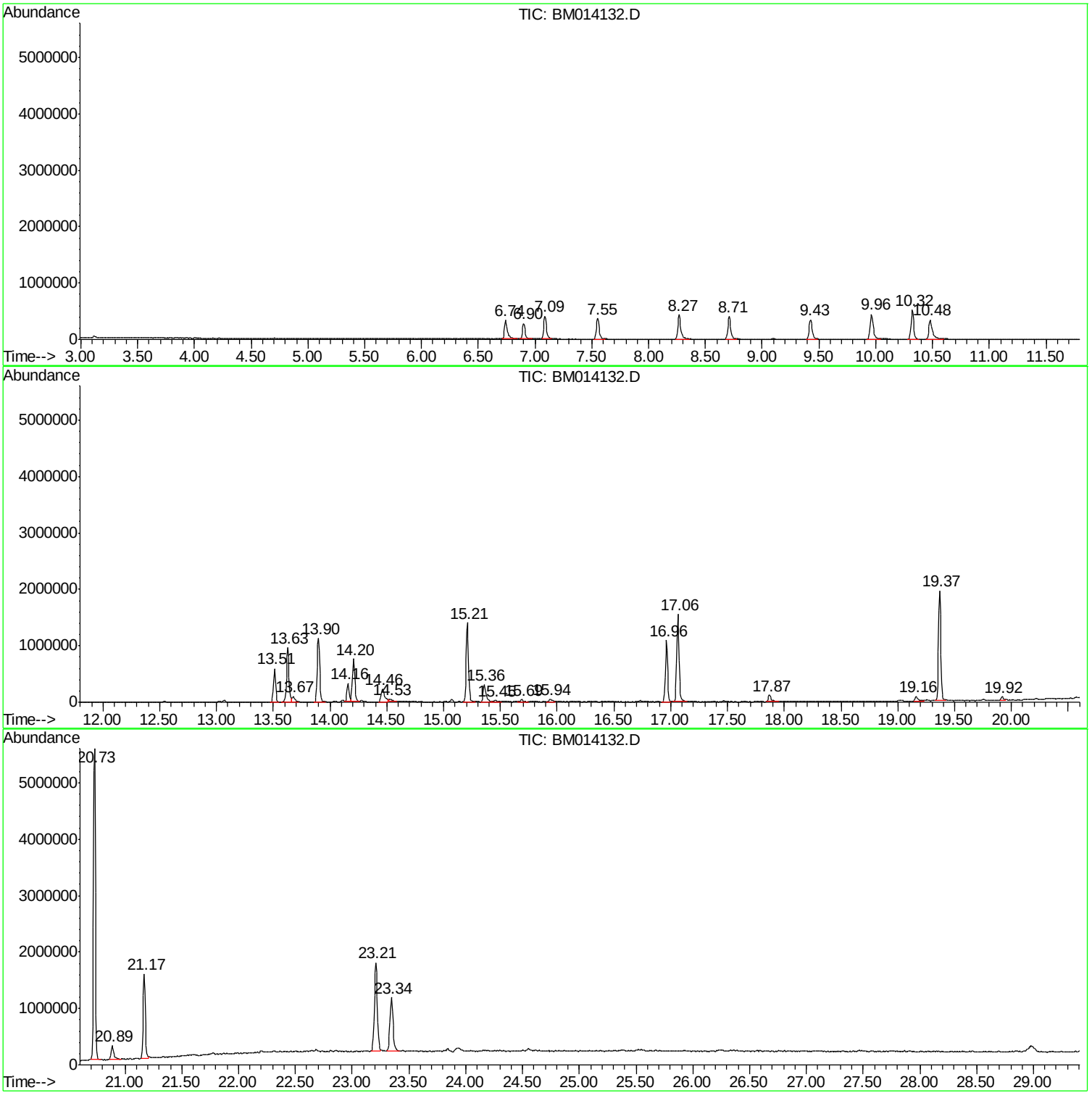
Instrument :
BNA_M
ClientSampleId :
F6C95

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
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Sample : J1339-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C95

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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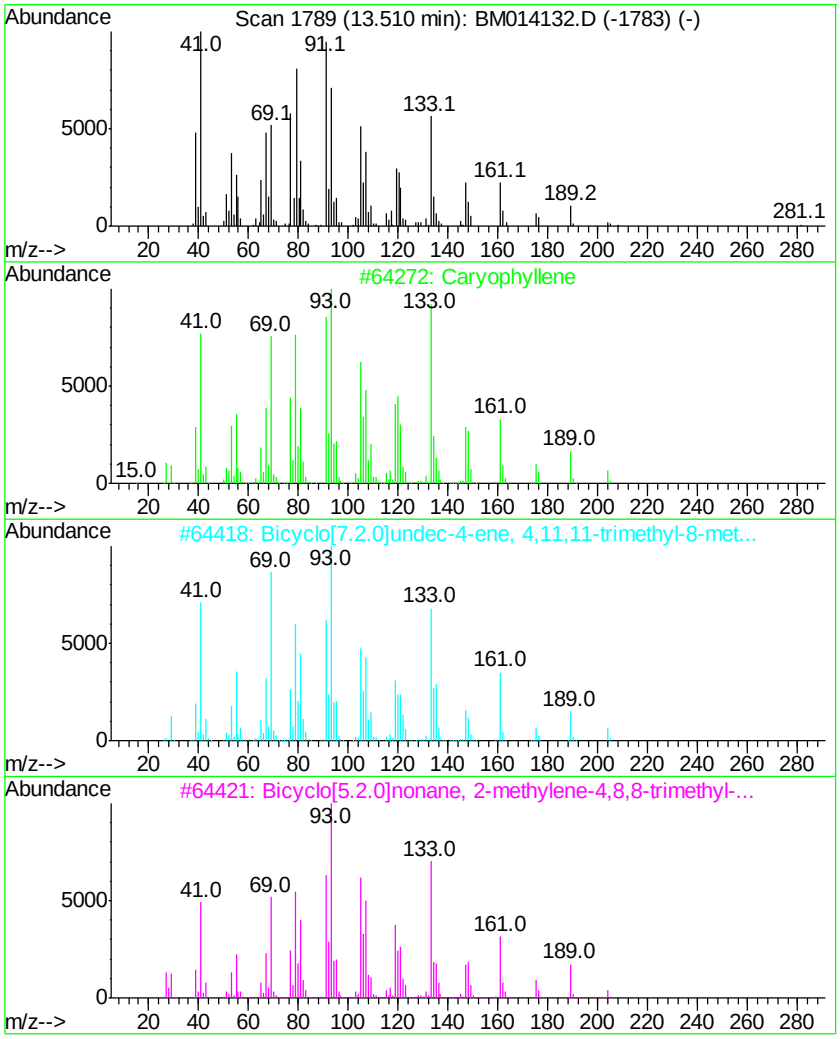
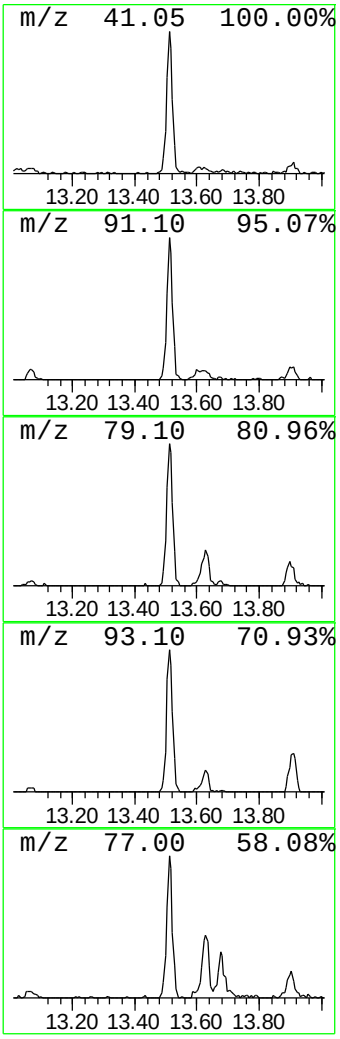
Peak Number 1 Caryophyllene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	13.70 ng/ul	805961	Acenaphthene-d10	14.20

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	013877-93-5	91
3	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	62
4	Isocaryophillene	204	C15H24	1000140-07-2	53
5	1,4-Methanophthalazine, 1,4,4a,7...	176	C11H16N2	1000221-84-9	46





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C95

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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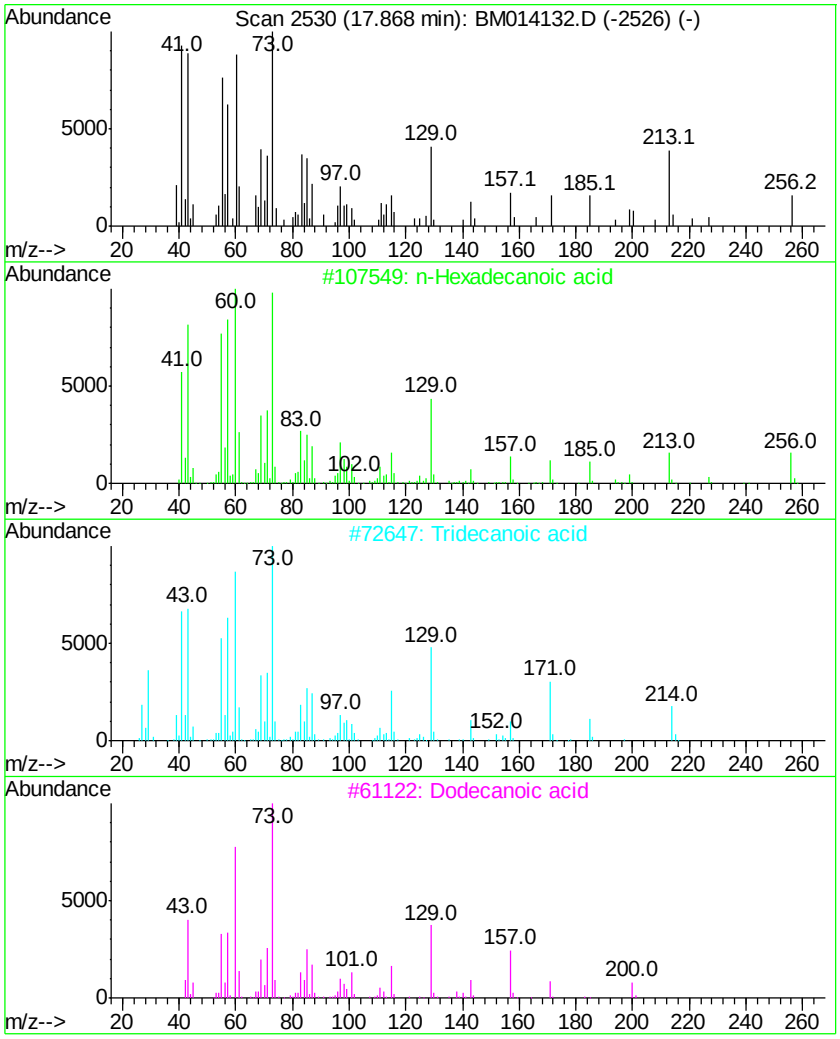
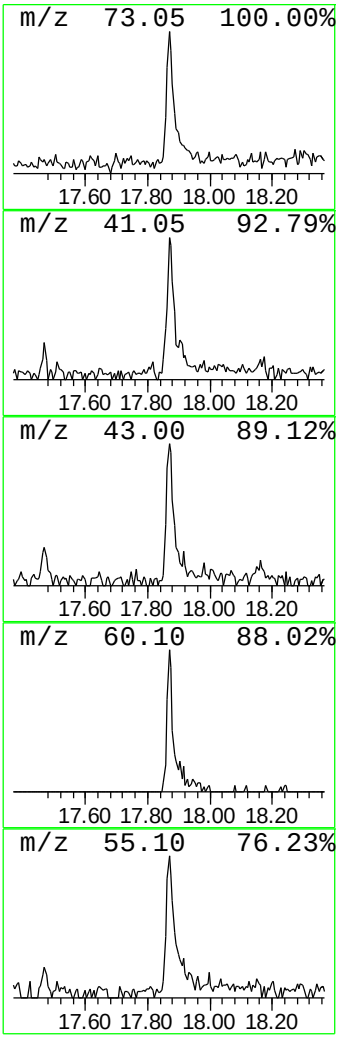
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.88 ng/ul	219713	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	86
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76





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Sample : J1339-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C95

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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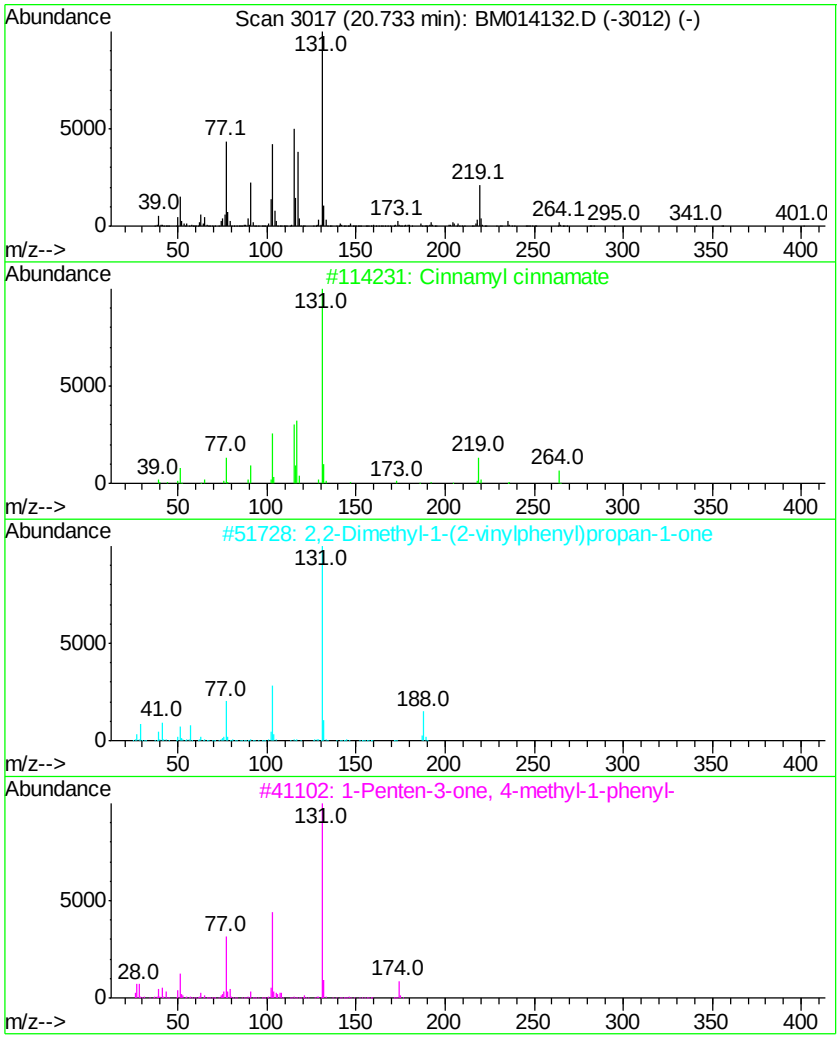
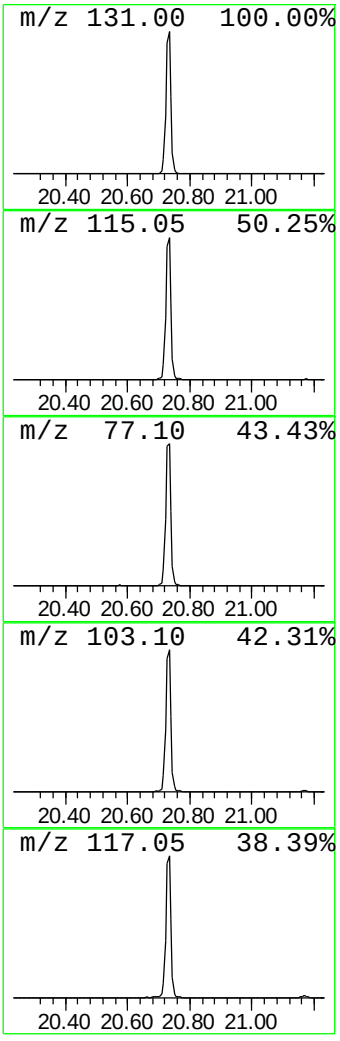
Peak Number 3 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	63.91 ng/ul	6210490	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	72
2	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	47
4	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	47
5	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	43





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

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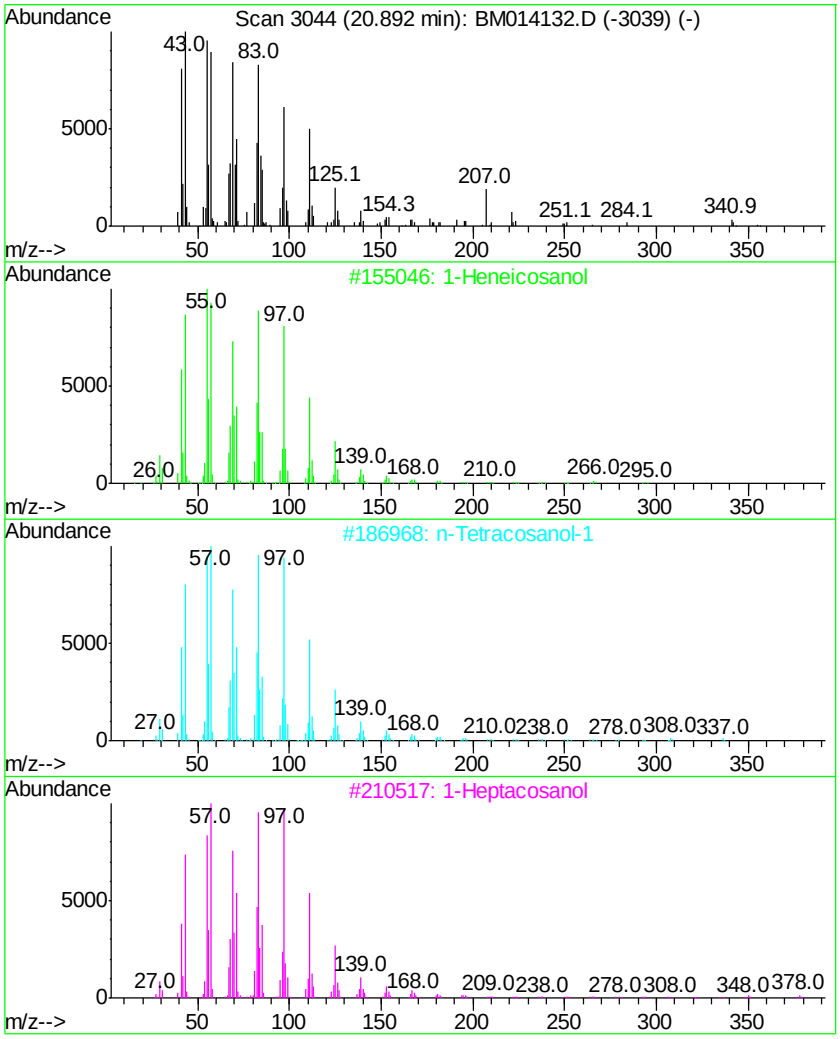
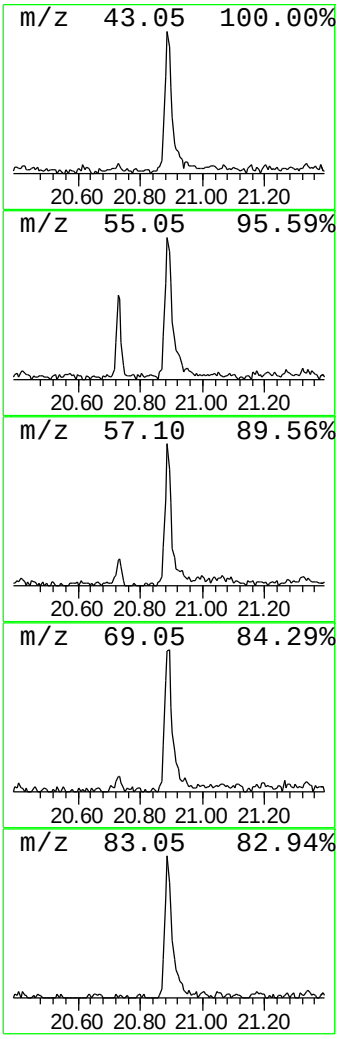
Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.96 ng/ul	384869	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





Tentatively Identified Compound (LSC) summary

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Sample : J1339-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6C95

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Caryophyllene	13.51	13.7	ng/ul	805961	3	14.20	1176320	20.0
n-Hexadecanoic acid	17.87	2.9	ng/ul	219713	4	16.96	1528300	20.0
Cinnamyl cinnamate	20.73	63.9	ng/ul	6210490	5	21.17	1943430	20.0
1-Heneicosanol	20.89	4.0	ng/ul	384869	5	21.17	1943430	20.0