LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062518\
Data File : BM015753.D
Acq On : 25 Jun 2018 17:06
Operator : SJ/JU
Sample : J3569-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ8

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.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	4.340	174	179	186	rVB2	10898	20692	1.01%	0.087%
2	6.946	613	622	628	rBV	49407	80870	3.95%	0.339%
3	7.463	705	710	723	rBV	276419	514203	25.13%	2.153%
4	7.634	733	739	751	rBV	202726	332754	16.26%	1.393%
5	7.840	768	774	788	rBV	289885	495475	24.21%	2.075%
6	8.316	849	855	868	rBV	494442	814567	39.80%	3.411%
7	9.028	970	976	989	rBV	313485	536167	26.20%	2.245%
8	9.504	1049	1057	1067	rBV	270339	472430	23.09%	1.978%
9	9.587	1067	1071	1078	rVB3	12164	20815	1.02%	0.087%
10	10.228	1174	1180	1196	rVB	233724	395664	19.33%	1.657%
11	10.769	1265	1272	1284	rBV	346760	611216	29.87%	2.559%
12	11.145	1329	1336	1343	rBV	670988	1157228	56.55%	4.846%
13	11.286	1351	1360	1378	rBV	251474	469835	22.96%	1.967%
14	14.245	1858	1863	1872	rBV5	57902	86267	4.22%	0.361%
15	14.333	1872	1878	1882	rVV	611980	866768	42.35%	3.630%
16	14.380	1882	1886	1894	rVB	299115	408646	19.97%	1.711%
17	14.633	1923	1929	1939	rBV	660665	977012	47.74%	4.091%
18	14.780	1948	1954	1960	rVB	26789	36940	1.81%	0.155%
19	14.869	1964	1969	1974	rBV3	24550	35336	1.73%	0.148%
20	14.939	1974	1981	1988	rBV2	924709	1450866	70.90%	6.075%
21	15.139	2009	2015	2027	rBV	176155	356907	17.44%	1.495%
22	15.727	2111	2115	2120	rVB	51102	62204	3.04%	0.260%
23	15.921	2139	2148	2160	rVB	860090	1273539	62.23%	5.333%
24	16.051	2164	2170	2177	rBV	218685	317266	15.50%	1.329%
25	16.580	2256	2260	2263	rBV	48726	70964	3.47%	0.297%
26	17.363	2389	2393	2397	rBV	28661	33158	1.62%	0.139%
27	17.663	2438	2444	2450	rBV	1200909	1735691	84.81%	7.268%
28	17.757	2455	2460	2469	rVB	903961	1329476	64.96%	5.567%
29	18.098	2514	2518	2525	rVB4	21169	30212	1.48%	0.127%
30	18.498	2580	2586	2597	rBV	354459	528389	25.82%	2.213%
31	19.609	2771	2775	2776	rBV4	22491	22379	1.09%	0.094%
32	19.751	2794	2799	2809	rBV	255623	377718	18.46%	1.582%
33	20.015	2838	2844	2852	rBV	1135128	1624765	79.39%	6.804%
34	20.939	2998	3001	3004	rBV2	55708	65659	3.21%	0.275%

LSC Area Percent Report

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Misc :
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Instrument : BNA_M
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Title : SVOA CALIBRATION

35	20.974	3004	3007	3010	rVV2	52861	69307	3.39%	0.290%
36	21.298	3059	3062	3068	rVB	265427	308904	15.09%	1.294%
37	21.427	3081	3084	3093	rVB2	359154	547535	26.76%	2.293%
38	21.768	3137	3142	3148	rVB	1618493	2046458	100.00%	8.569%
39	24.021	3520	3525	3539	rVB	752992	1475209	72.09%	6.177%
40	24.174	3545	3551	3560	rVB2	880197	1821704	89.02%	7.628%

Sum of corrected areas: 23881195

LSC Report - Integrated Chromatogram

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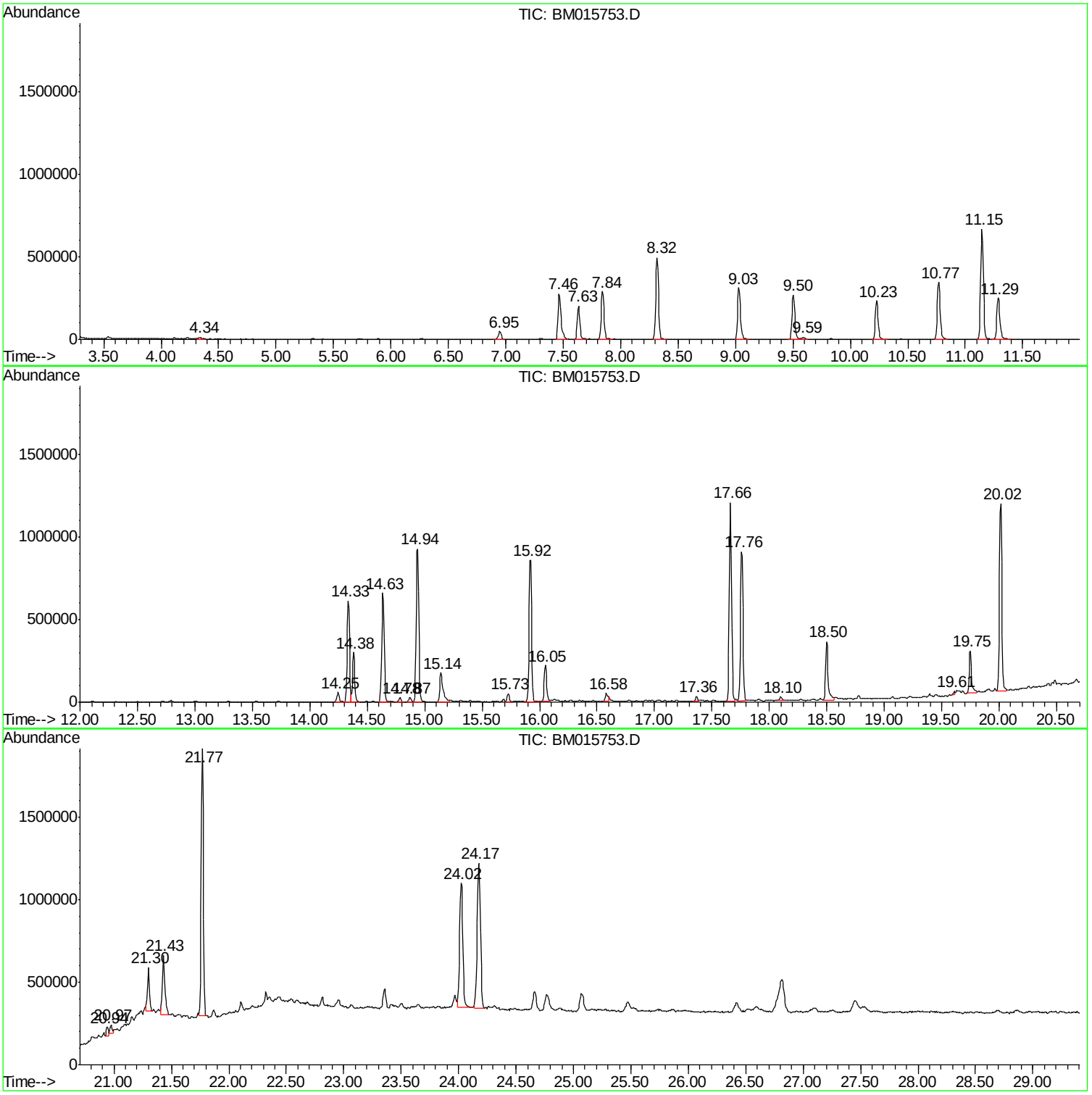
Instrument : BNA_M
ClientSampleId : DAXQ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : SJ/JU
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Instrument : BNA_M
ClientSampleId : DAXQ8

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Quant Title : SVOA CALIBRATION

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

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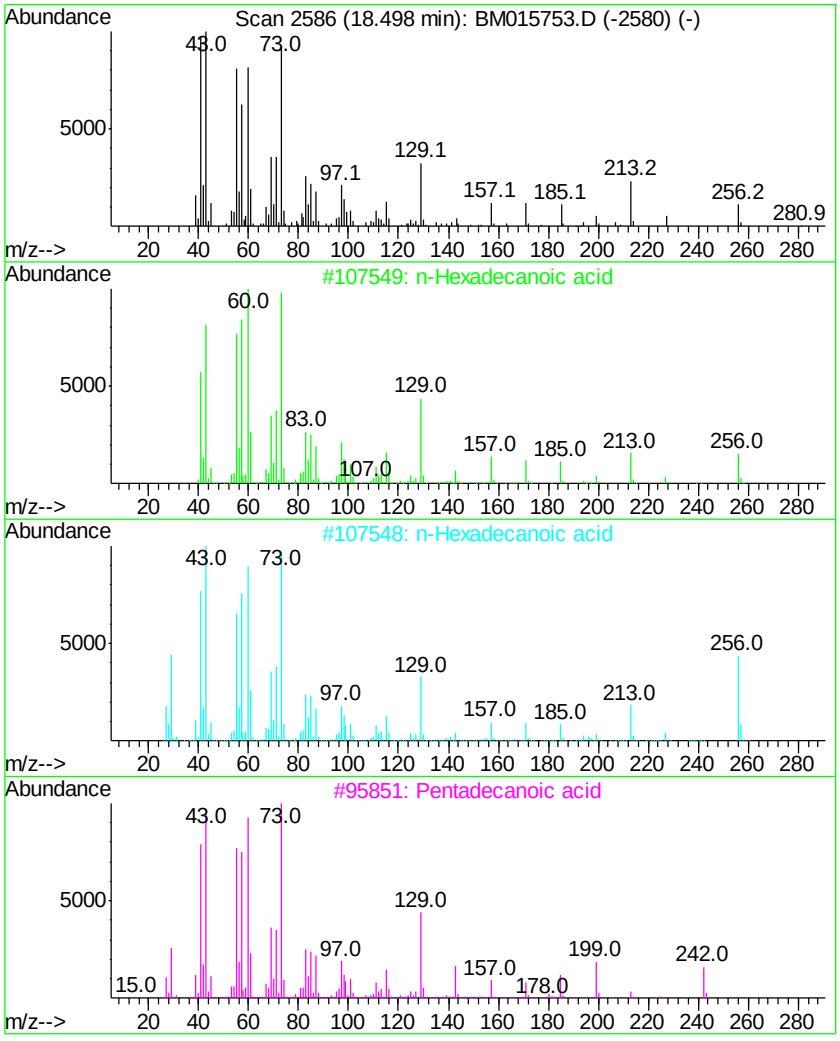
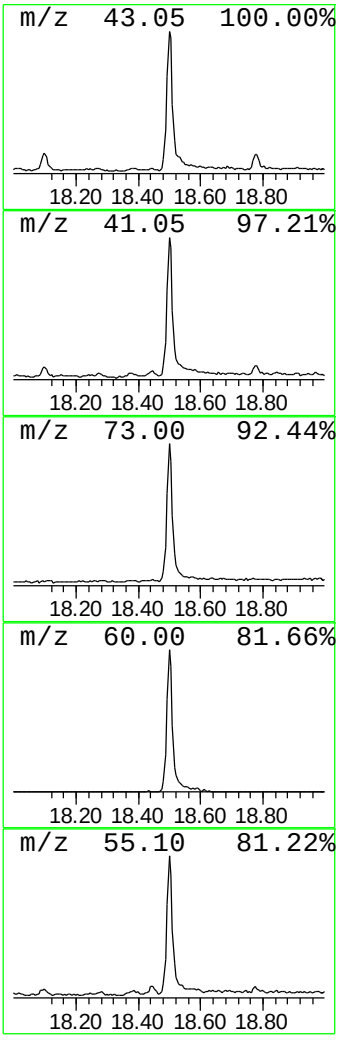
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	6.09 ng/ul	528389	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Instrument : BNA_M
ClientSampleId : DAXQ8

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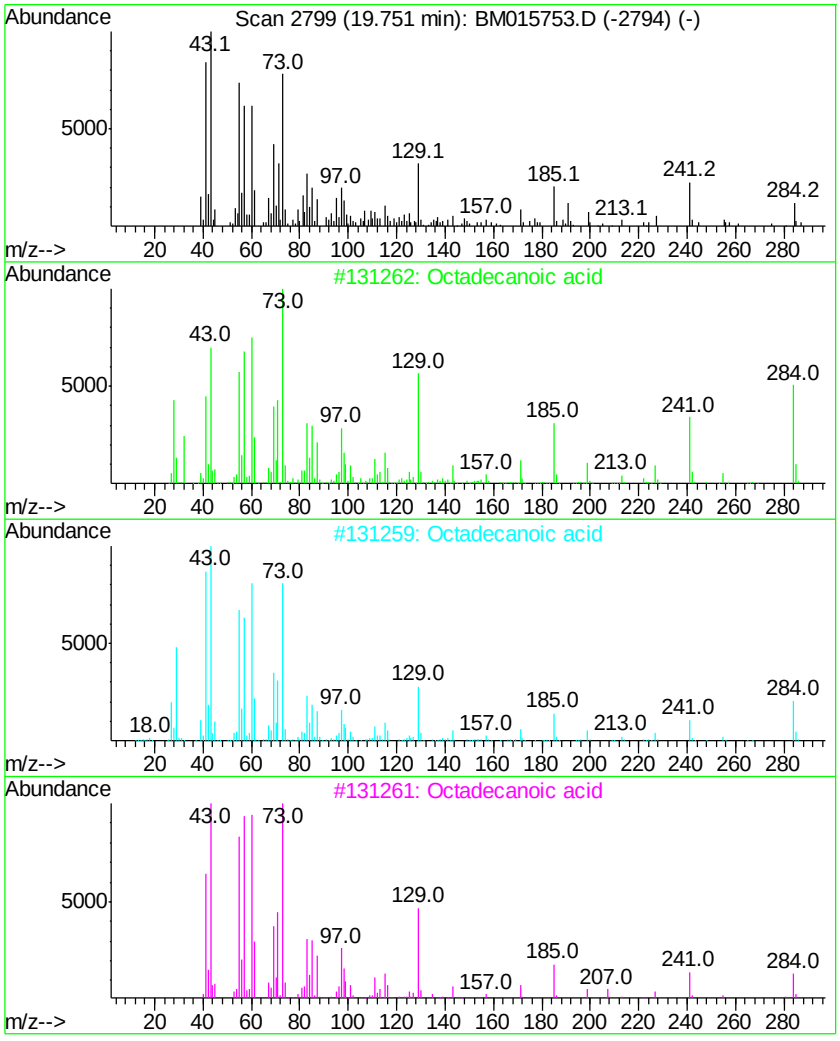
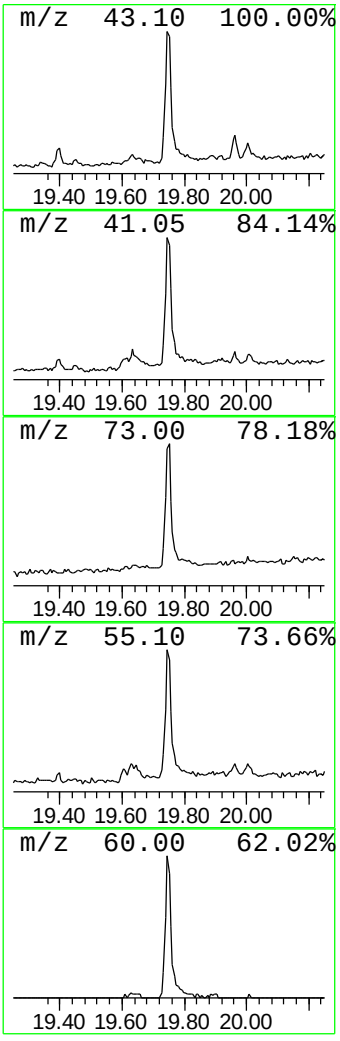
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.69 ng/ul	377718	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	92
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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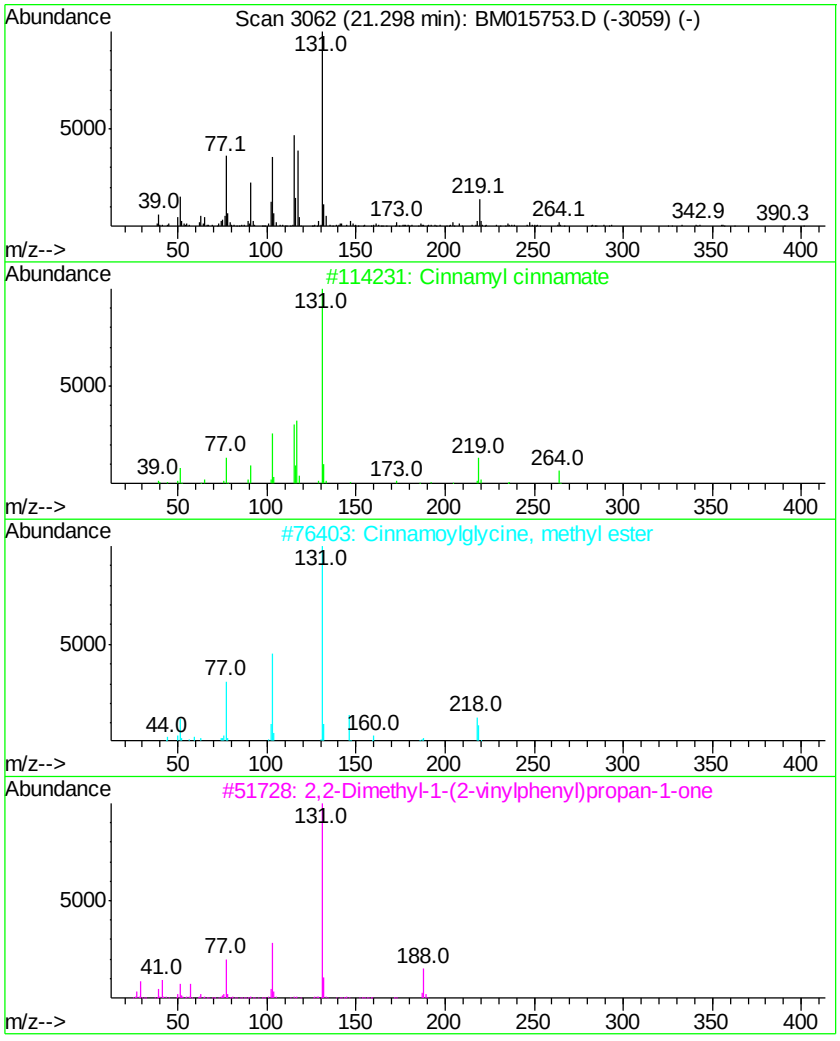
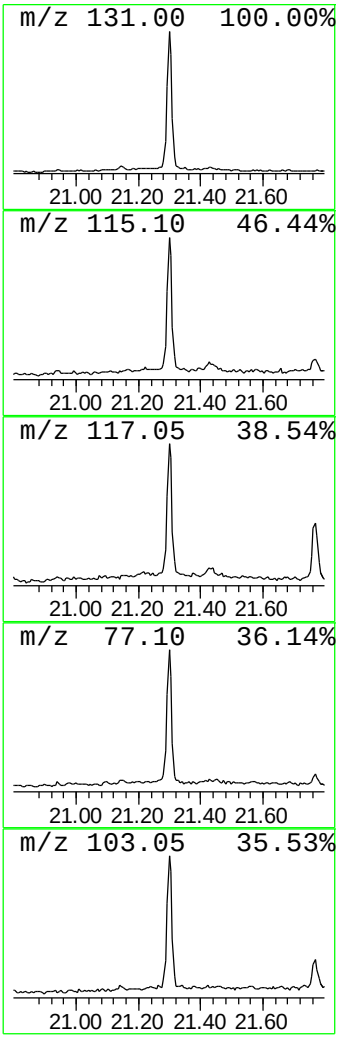
Peak Number 3 Cinnamyl cinnamate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	3.02 ng/ul	308904	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	64
2	Cinnamoylglycine, methyl ester	219	C12H13NO3	040778-04-9	60
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	43
4	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	43
5	4-Methylcoumarine-7-cinnamate	306	C19H14O4	300829-05-4	43





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Quant Title : SVOA CALIBRATION

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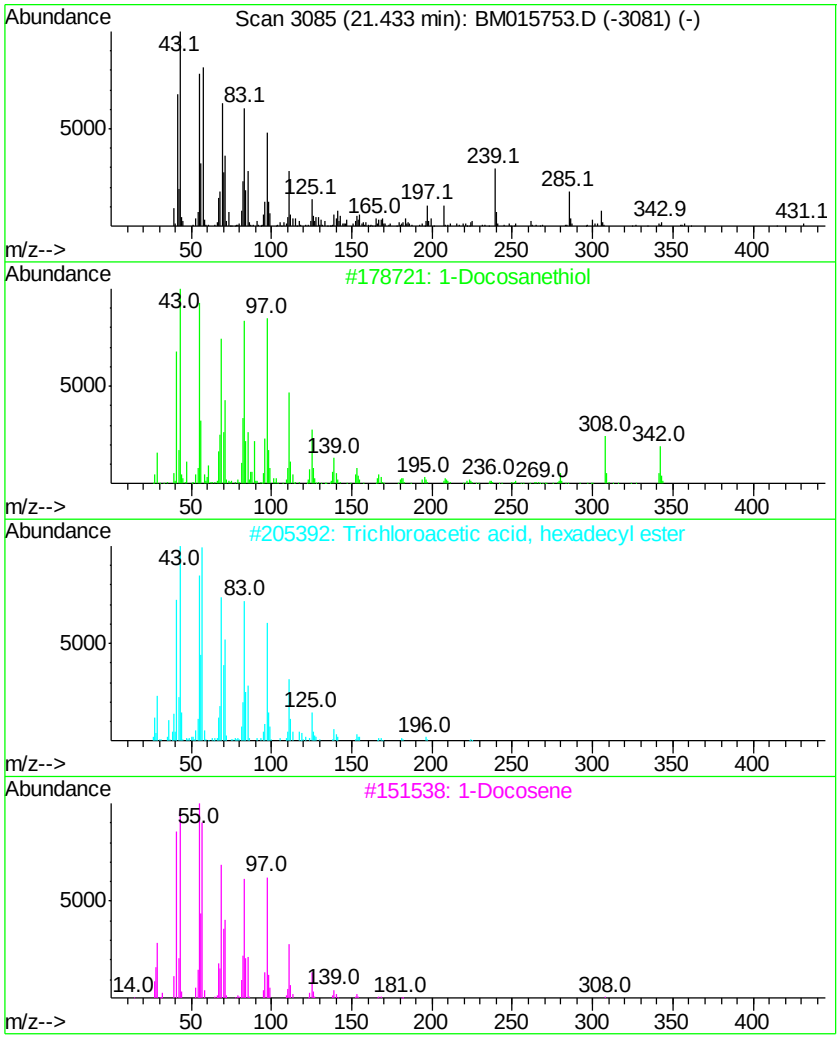
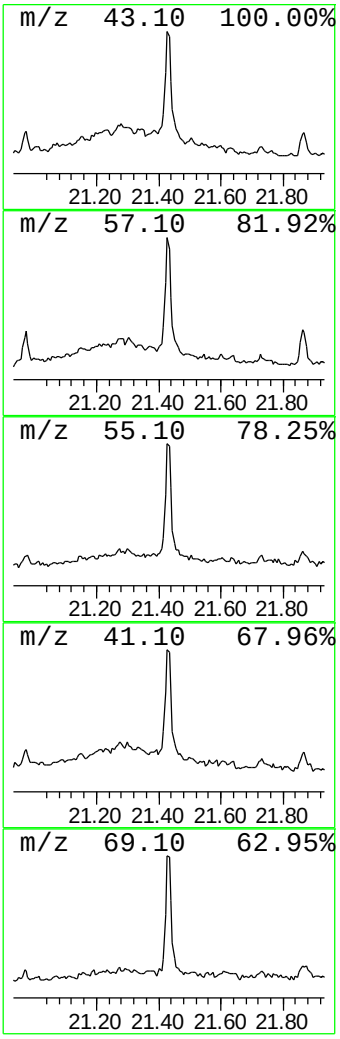
Peak Number 4 1-Docosanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	5.35 ng/ul	547535	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	1-Docosene	308	C22H44	001599-67-3	93
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
5	1-Octadecene	252	C18H36	000112-88-9	91





Tentatively Identified Compound (LSC) summary

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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
n-Hexadecanoic acid	18.50	6.1	ng/ul	528389	4	17.66	1735690	20.0
Octadecanoic acid	19.75	3.7	ng/ul	377718	5	21.77	2046460	20.0
Cinnamyl cinnamate	21.30	3.0	ng/ul	308904	5	21.77	2046460	20.0
1-Docosanethiol	21.43	5.3	ng/ul	547535	5	21.77	2046460	20.0