LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

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-BM052717.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	6.557	583	590	597	rBV	1520706	2330416	5.98%	1.096%
2	7.104	676	683	692	rBV	757844	1343197	3.45%	0.632%
3	7.257	703	709	715	rBV	606081	931469	2.39%	0.438%
4	7.457	737	743	755	rVB	919299	1493757	3.83%	0.703%
5	7.916	811	821	831	rBV	1450303	2309613	5.93%	1.086%
6	8.646	938	945	953	rBV	726757	1211571	3.11%	0.570%
7	9.104	1016	1023	1032	rVB	825487	1375179	3.53%	0.647%
8	9.816	1134	1144	1154	rBV	768684	1302070	3.34%	0.612%
9	10.351	1227	1235	1249	rVB	1177725	2045211	5.25%	0.962%
10	10.722	1291	1298	1310	rBV	1692419	3025629	7.76%	1.423%
11	13.969	1842	1850	1854	rBV	2208769	2969329	7.62%	1.397%
12	14.016	1854	1858	1868	rVB	394192	588297	1.51%	0.277%
13	14.251	1892	1898	1907	rBV	2133186	3177410	8.15%	1.494%
14	14.557	1942	1950	1959	rBV2	2496067	3813139	9.78%	1.793%
15	14.804	1987	1992	2004	rVB	328266	640332	1.64%	0.301%
16	15.545	2108	2118	2124	rBV	2936752	4241517	10.88%	1.995%
17	15.669	2133	2139	2144	rBV	812197	1099809	2.82%	0.517%
18	17.157	2387	2392	2399	rBV3	470375	778119	2.00%	0.366%
19	17.298	2411	2416	2427	rVV	3140299	4663999	11.97%	2.194%
20	17.398	2427	2433	2441	rVV	3017290	4359924	11.19%	2.051%
21	18.033	2535	2541	2547	rBV2	300478	577116	1.48%	0.271%
22	18.151	2556	2561	2569	rBV	2049034	2829860	7.26%	1.331%
23	18.451	2606	2612	2616	rBV3	617531	1069247	2.74%	0.503%
24	18.833	2674	2677	2683	rVB8	301233	415841	1.07%	0.196%
25	19.080	2715	2719	2724	rVV2	2643355	3261695	8.37%	1.534%
26	19.286	2749	2754	2755	rBV2	439270	623999	1.60%	0.293%
27	19.310	2755	2758	2760	rBV2	772540	982208	2.52%	0.462%
28	19.421	2773	2777	2790	rVB	1281635	2050915	5.26%	0.965%
29	19.686	2817	2822	2834	rVB	4340200	5906103	15.15%	2.778%
30	20.151	2897	2901	2907	rBV	895139	1131860	2.90%	0.532%
31	20.351	2931	2935	2939	rBV2	788267	940509	2.41%	0.442%
32	20.498	2956	2960	2972	rBV	1882776	2974195	7.63%	1.399%
33	20.627	2978	2982	2989	rBV	1410022	1960624	5.03%	0.922%
34	20.780	3004	3008	3014	rBV6	648649	1229535	3.15%	0.578%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

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-BM052717.M
Title : SVOA CALIBRATION

35	20.839	3015	3018	3019	rBV3	412737	477311	1.22%	0.224%
36	21.015	3044	3048	3054	rVB3	843537	1201034	3.08%	0.565%
37	21.139	3060	3069	3076	rBV3	5853953	12941626	33.20%	6.087%
38	21.392	3109	3112	3115	rBV3	679065	916033	2.35%	0.431%
39	21.433	3115	3119	3121	rVV	3693313	4823843	12.38%	2.269%
40	21.462	3121	3124	3129	rVB	5812397	7557894	19.39%	3.555%
41	21.739	3167	3171	3179	rVB2	1810423	2236854	5.74%	1.052%
42	21.986	3209	3213	3216	rBV	2575721	3560192	9.13%	1.674%
43	22.027	3216	3220	3230	rVB	3737560	7277190	18.67%	3.423%
44	22.356	3272	3276	3285	rBV3	2168930	3467810	8.90%	1.631%
45	22.709	3331	3336	3341	rBV	4793205	6744840	17.31%	3.172%
46	22.974	3377	3381	3387	rVB	2323161	3453201	8.86%	1.624%
47	23.056	3390	3395	3403	rBV2	2688032	5923575	15.20%	2.786%
48	23.662	3493	3498	3504	rVB2	3704252	6832562	17.53%	3.213%
49	23.756	3510	3514	3518	rVV4	1143188	1968548	5.05%	0.926%
50	23.815	3519	3524	3532	rVB2	3567229	6810339	17.47%	3.203%
51	23.903	3534	3539	3548	rVB	3798070	6803310	17.46%	3.200%
52	24.339	3605	3613	3627	rVB	15562255	38975811	100.00%	18.331%
53	26.956	4052	4058	4075	rVB6	2617053	9540474	24.48%	4.487%
54	27.156	4085	4092	4107	rVB5	3463844	11455762	29.39%	5.388%

Sum of corrected areas: 212621903

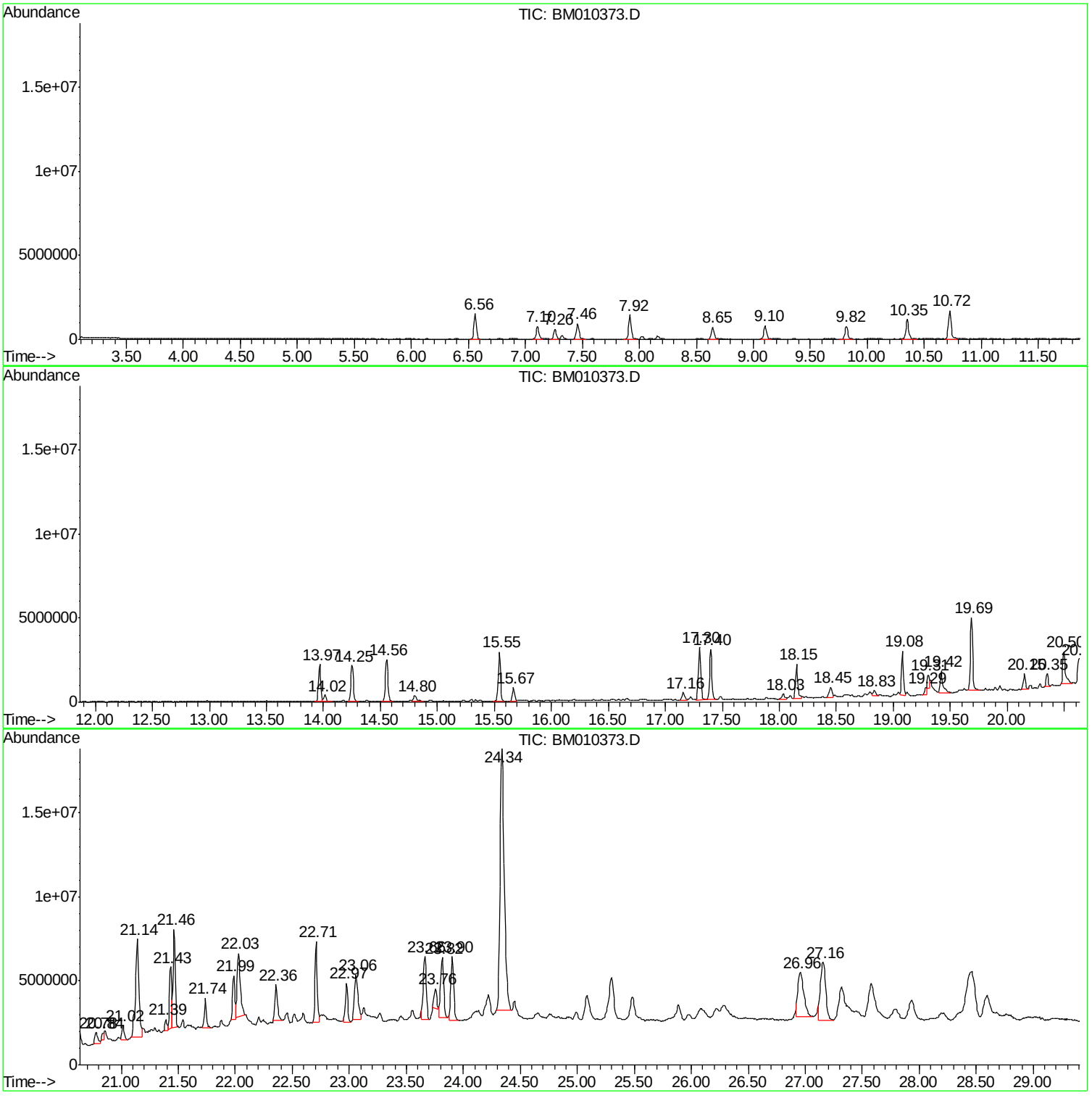
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

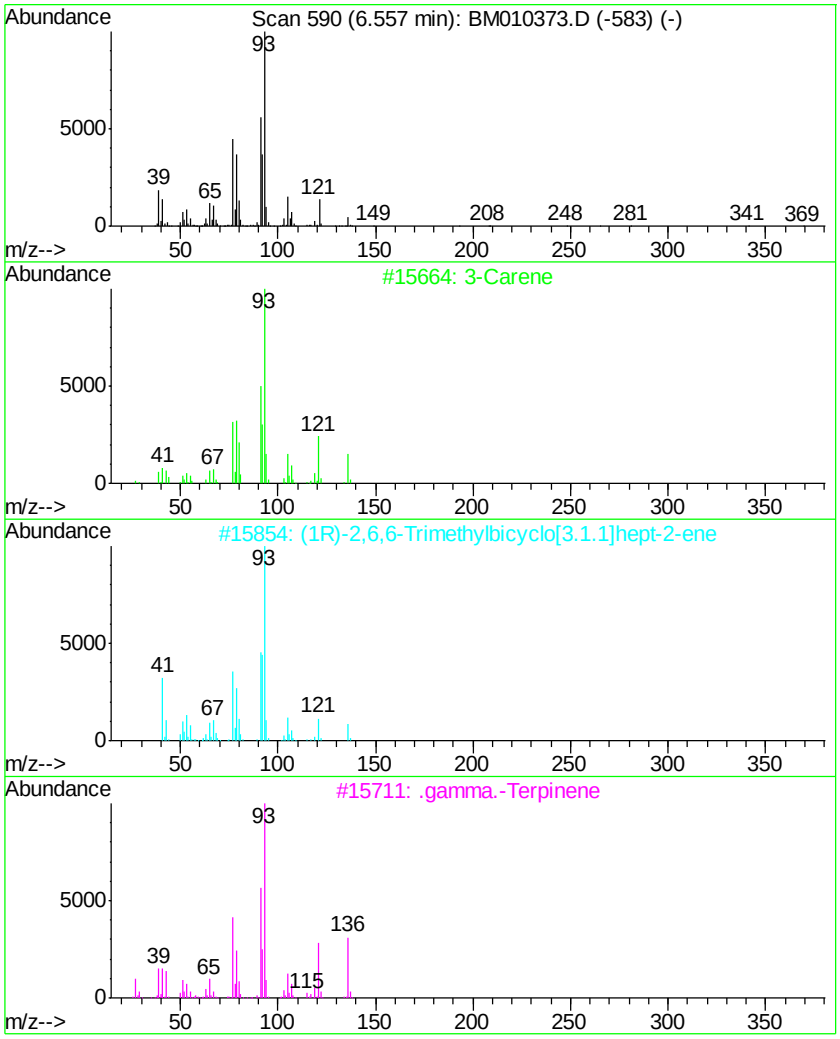
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

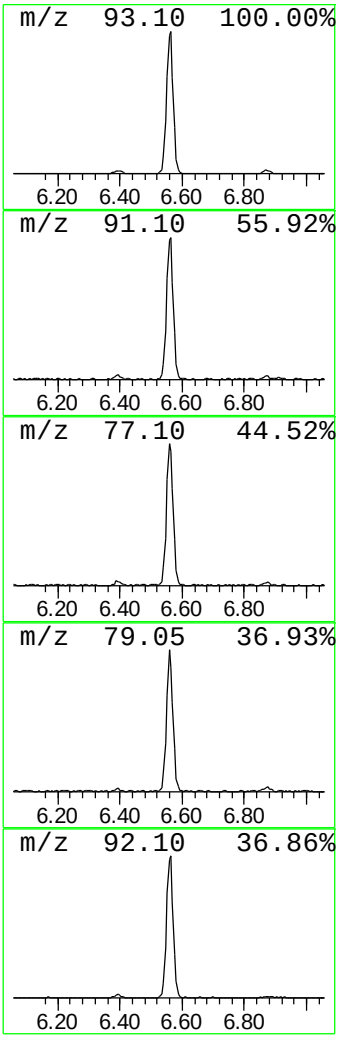
****

Peak Number 1 3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	20.18 ng/ul	2330420	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	93
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3	.gamma.-Terpinene	136	C10H16	000099-85-4	91
4	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	90
5	trans-.beta.-Ocimene	136	C10H16	003779-61-1	90





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

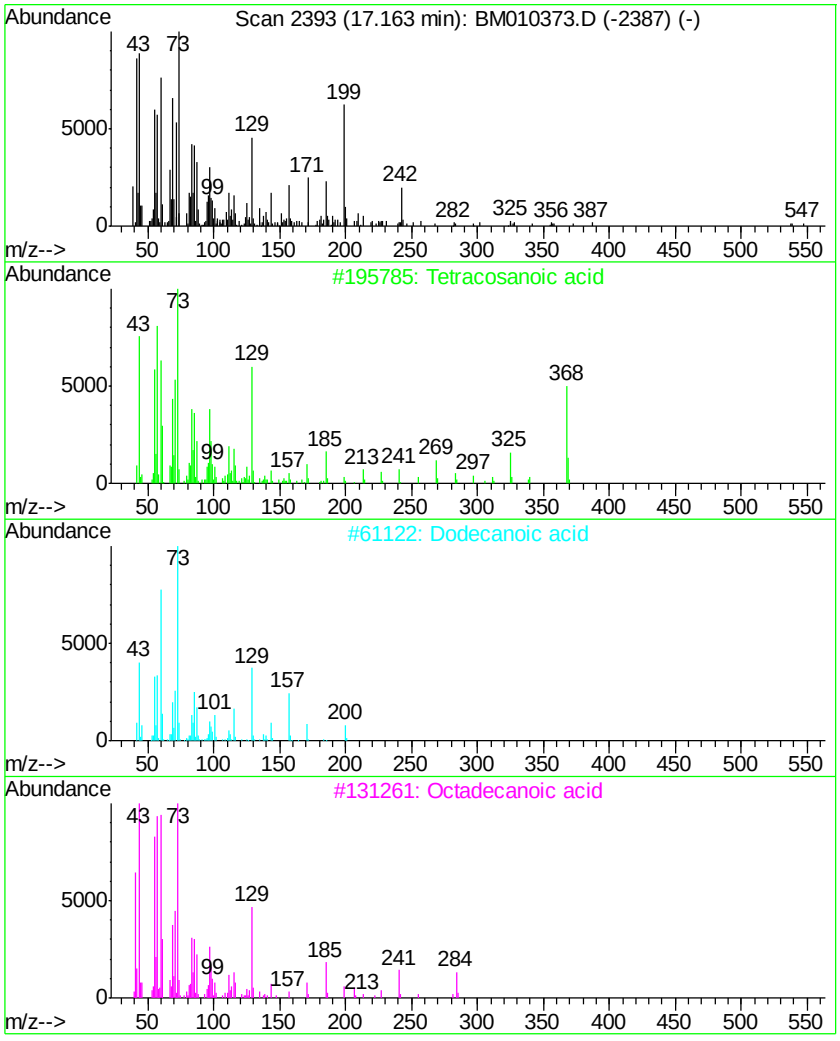
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

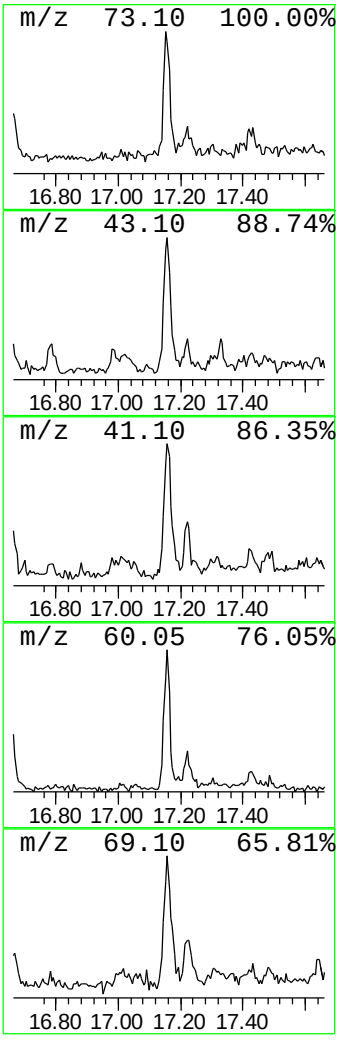
****

Peak Number 2 Tetracosanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	3.34 ng/ul	778119	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	83
2	Dodecanoic acid	200	C12H24O2	000143-07-7	64
3	Octadecanoic acid	284	C18H36O2	000057-11-4	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Tetracosanoic acid	368	C24H48O2	000557-59-5	53





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

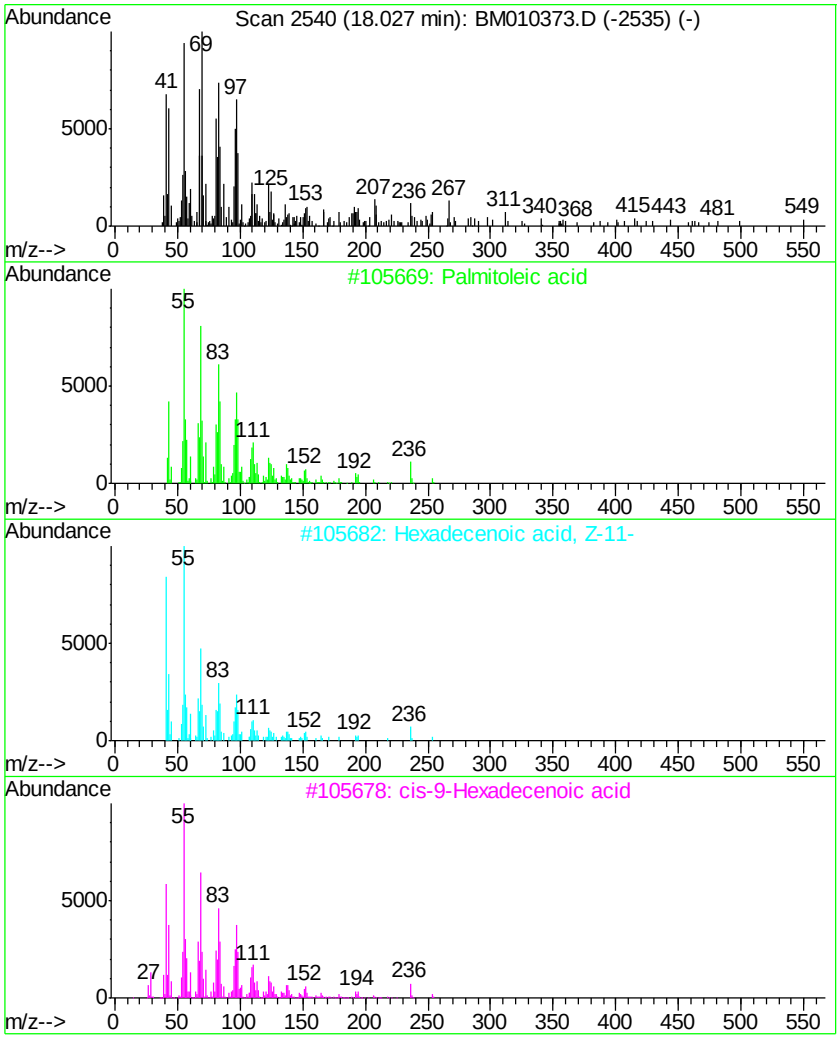
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

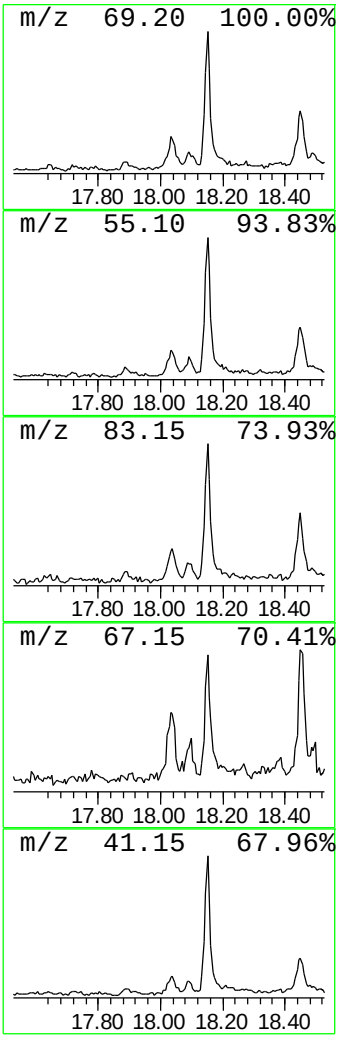
****

Peak Number 3 Palmitoleic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.47 ng/ul	577116	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	94
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	89
3	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	87
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

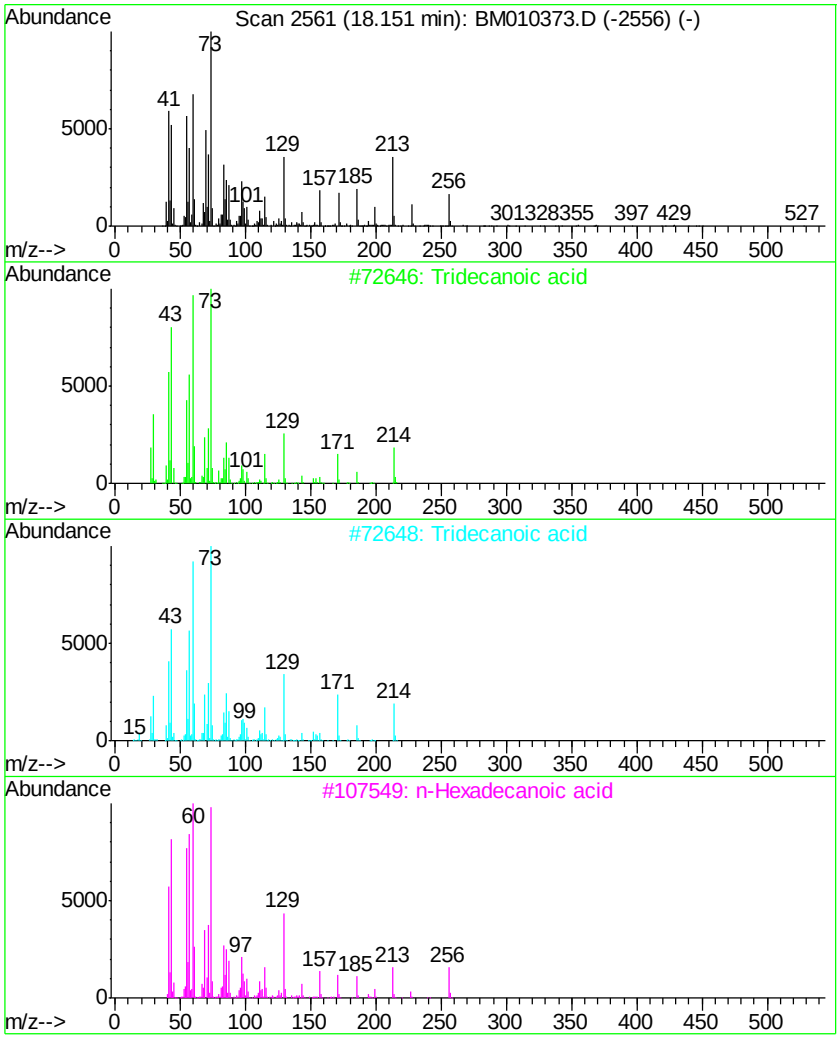
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

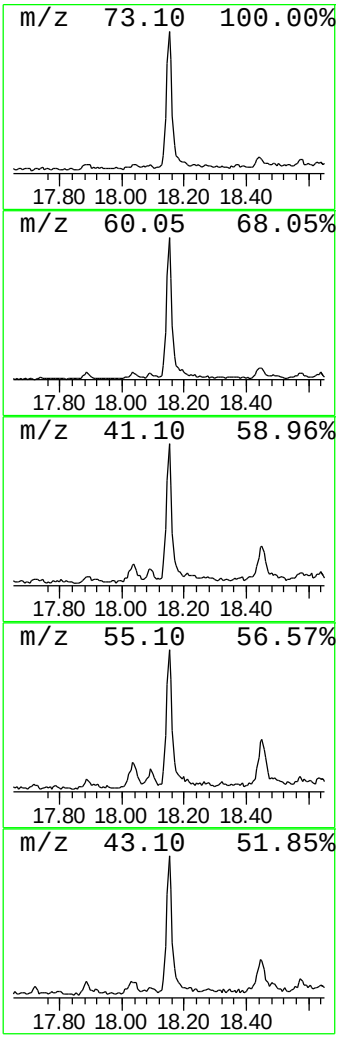
****

Peak Number 4 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	12.13 ng/ul	2829860	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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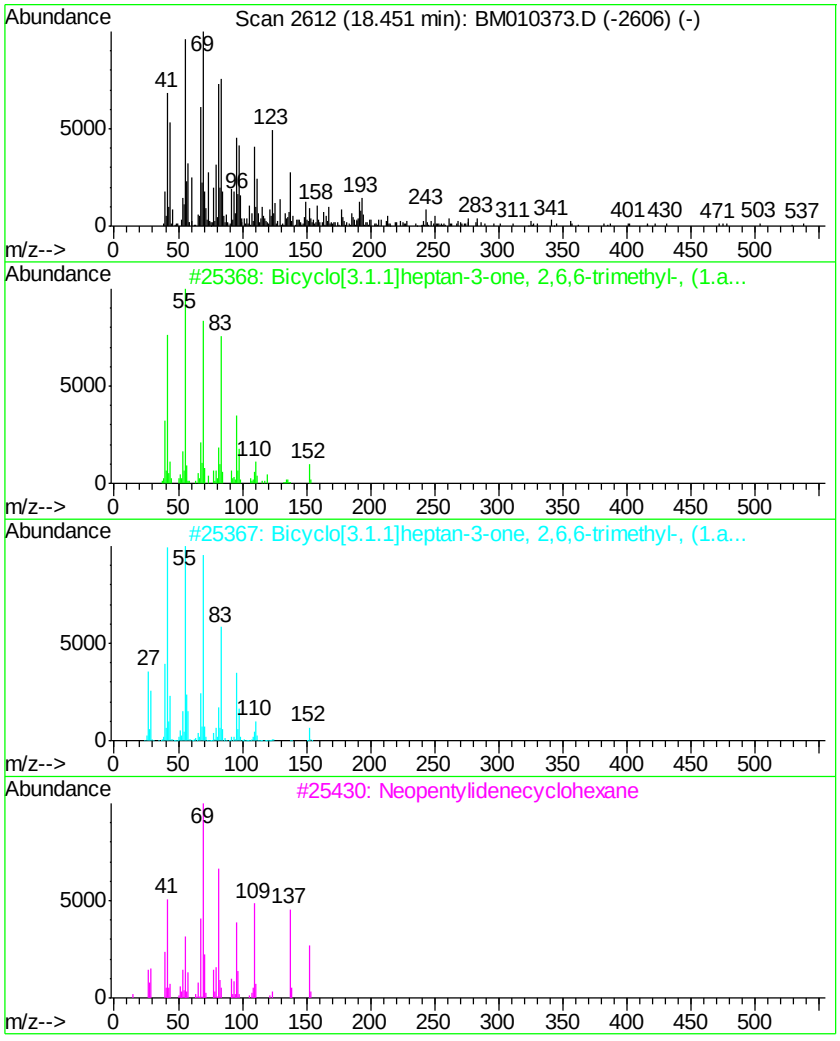
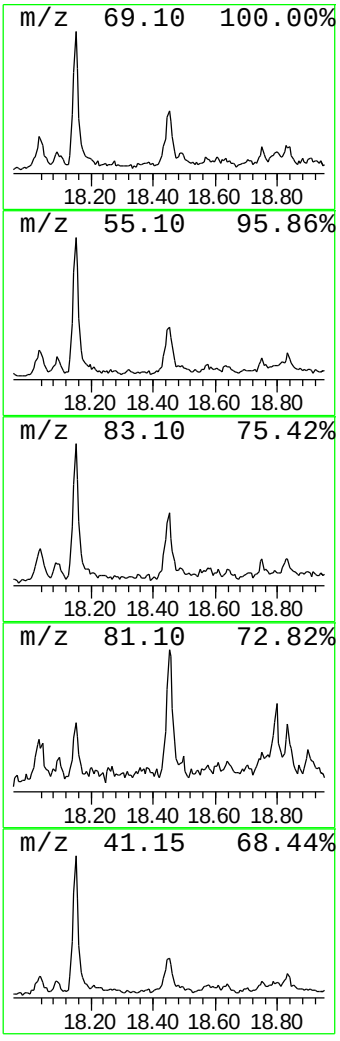
Peak Number 5 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.59 ng/ul	1069250	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	49
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	46
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	43
4	1,1'-Bicyclohexyl, 2-propyl-, tr...	208	C15H28	054934-89-3	43
5	Cyclopropane, nonyl-	168	C12H24	074663-85-7	38





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Acq On : 02 Jun 2017 01:46
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Sample : I3163-21
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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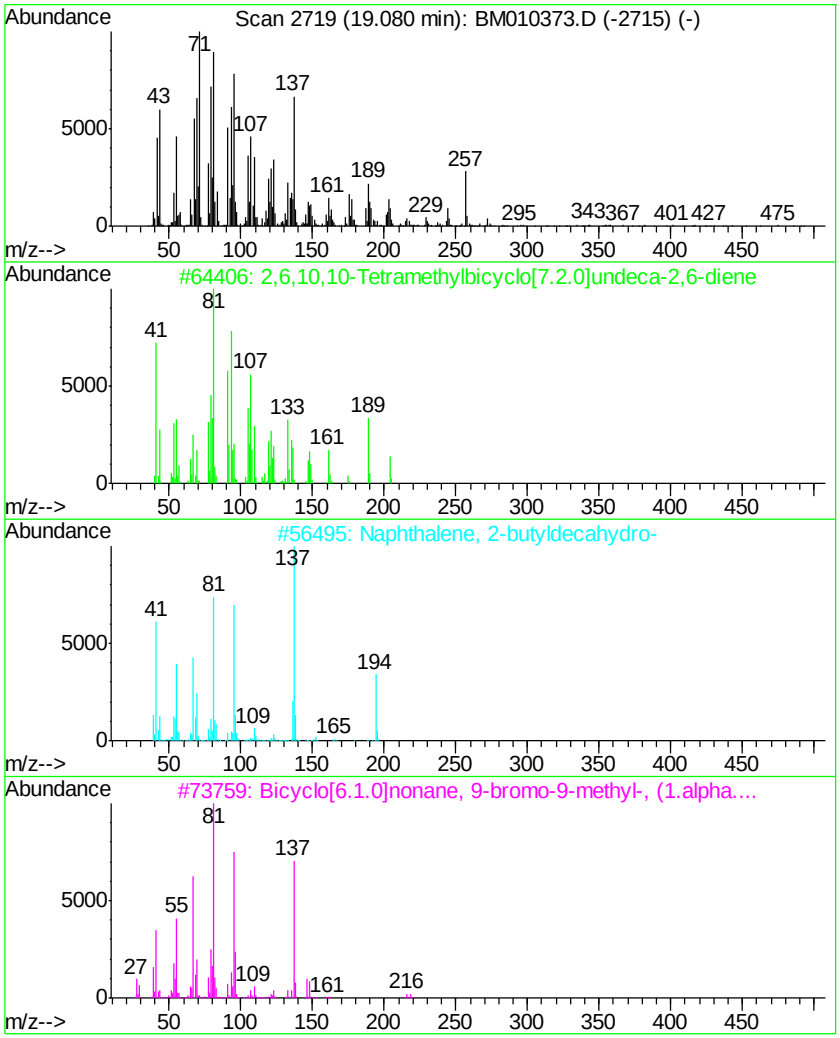
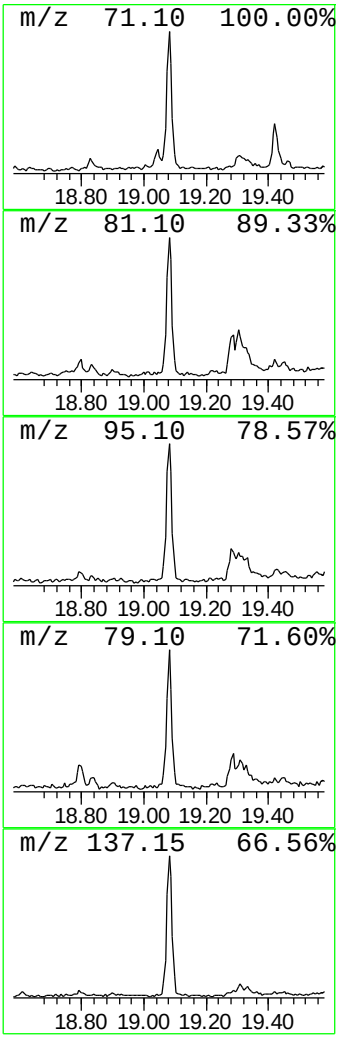
Peak Number 6 2,6,10,10-Tetramethylbicycl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	13.99 ng/ul	3261700	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	95
2	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	86
3	Bicyclo[6.1.0]nonane, 9-bromo-9-...	216	C10H17Br	059474-03-2	45
4	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	43
5	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	38





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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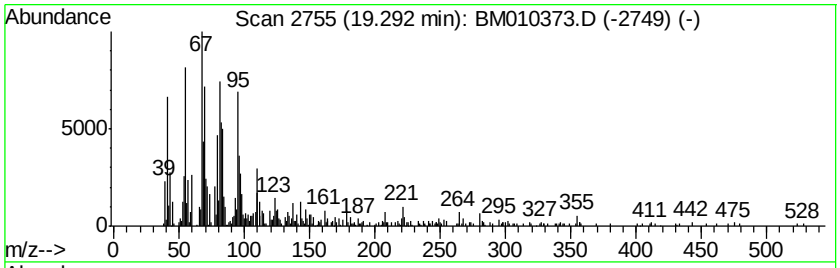
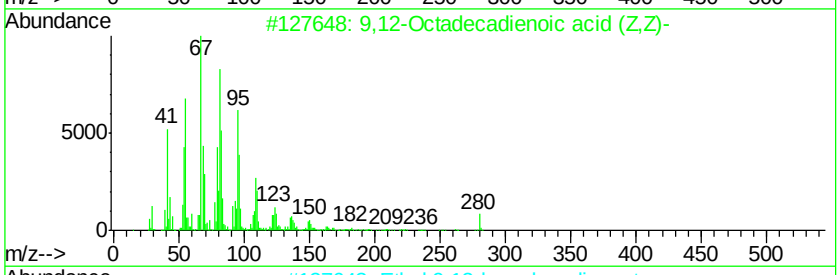
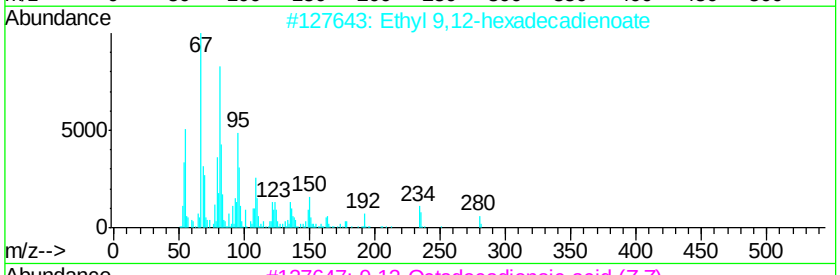
Peak Number 7 9,12-Octadecadienoic acid (... Concentration Rank 26

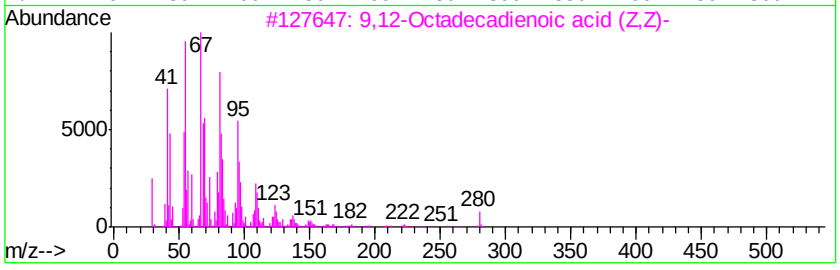
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.68 ng/ul	623999	Phenanthrene-d10	17.30

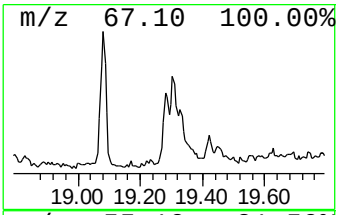
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
2	Ethyl 9,12-hexadecadienoate	280	C18H32O2	1000336-70-1	93
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	87
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	83
5	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	83

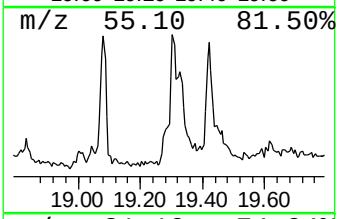


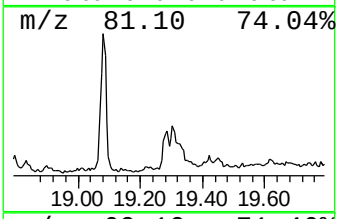


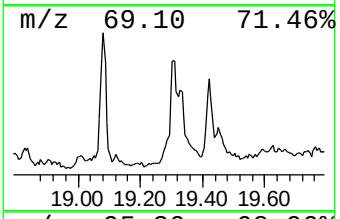


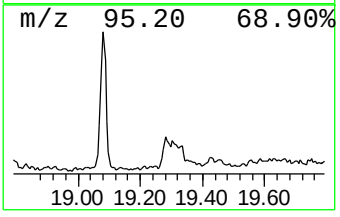












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Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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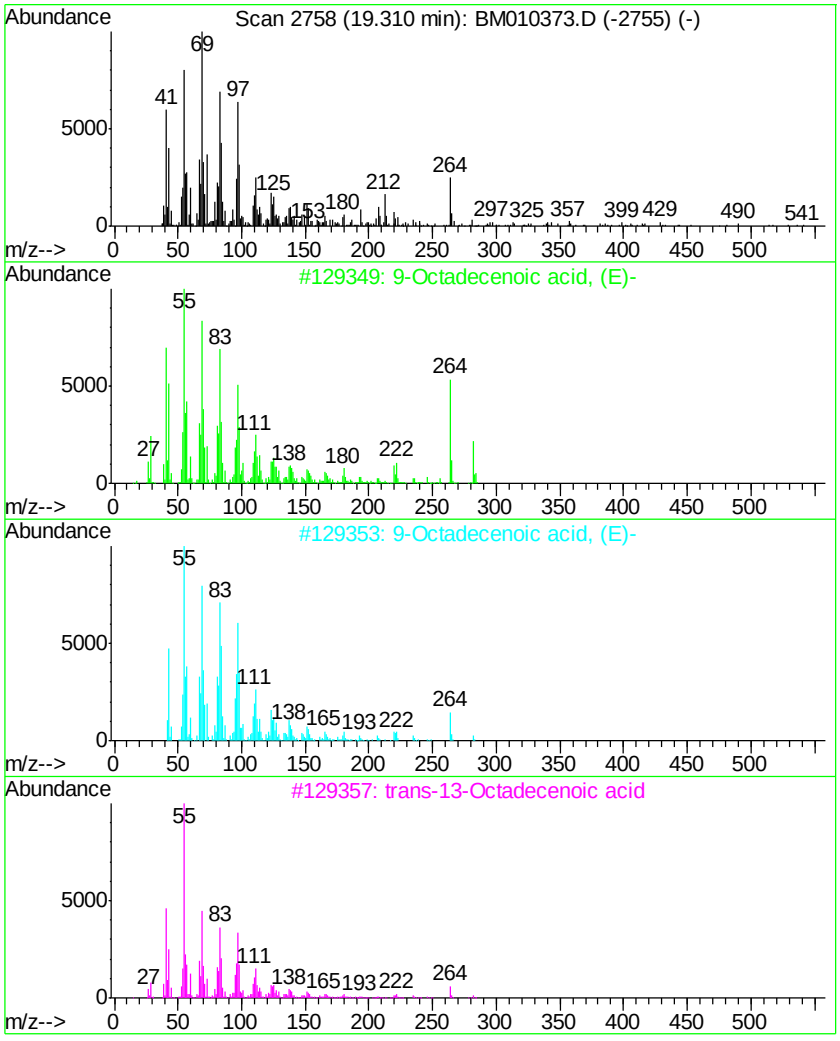
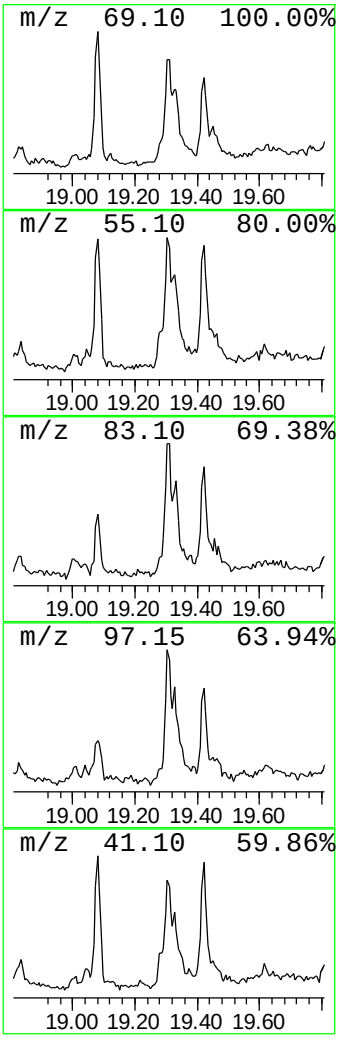
Peak Number 8 9-Octadecenoic acid, (E)- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	4.21 ng/ul	982208	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	80
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	70
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	52
4	Oleic Acid	282	C18H34O2	000112-80-1	49
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	49





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Sample : I3163-21
Misc :
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ClientSampleId : JHSH1

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Quant Title : SVOA CALIBRATION

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

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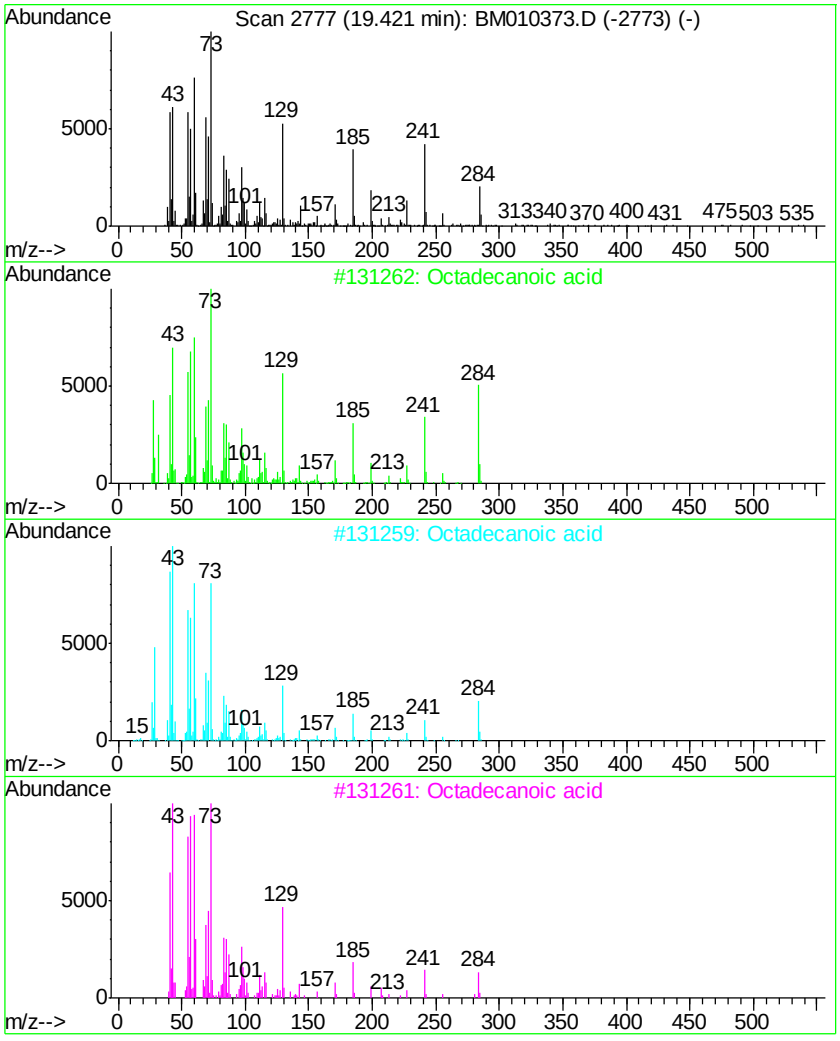
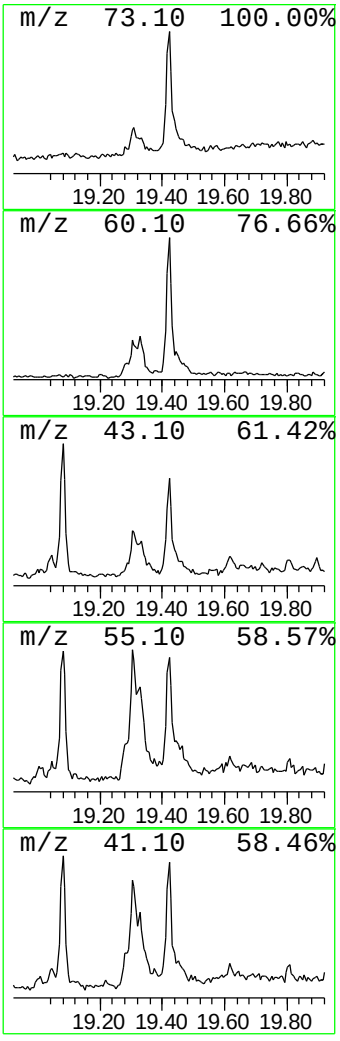
Peak Number 9 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	5.43 ng/ul	2050920	Chrysene-d12	21.46

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	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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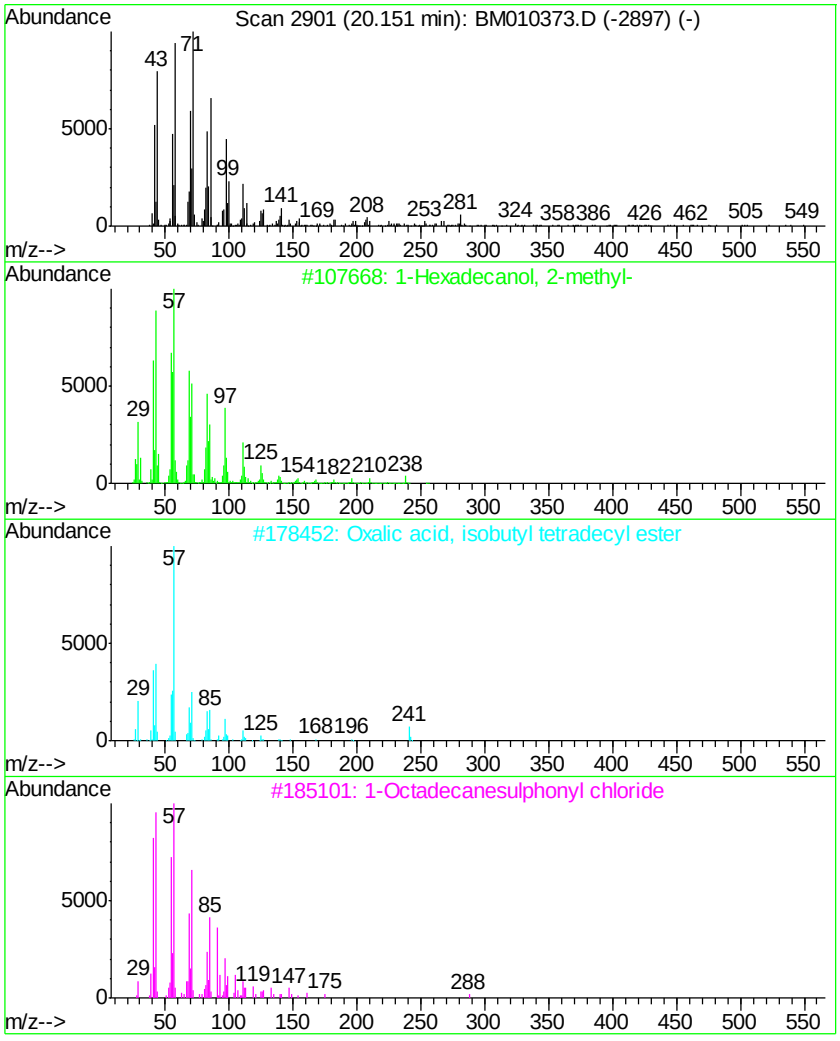
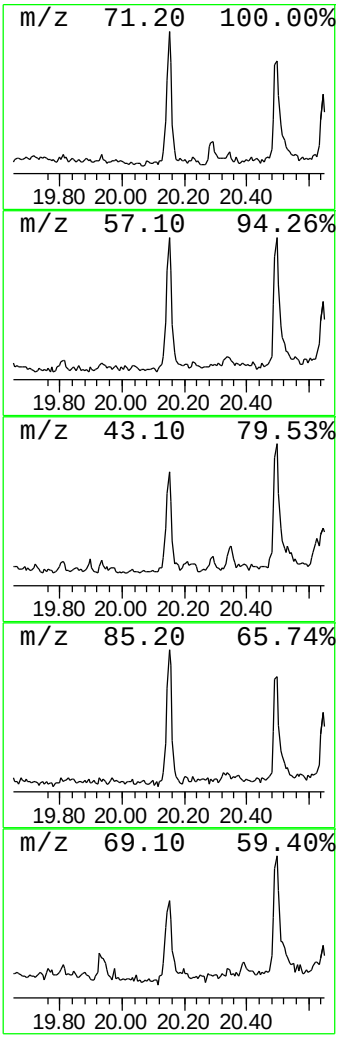
Peak Number 10 1-Hexadecanol, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.15	3.00 ng/ul	1131860	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	93
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	87
4	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	68
5	1-Nonadecene	266	C19H38	018435-45-5	64





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ClientSampleId : JHSH1

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Quant Title : SVOA CALIBRATION

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

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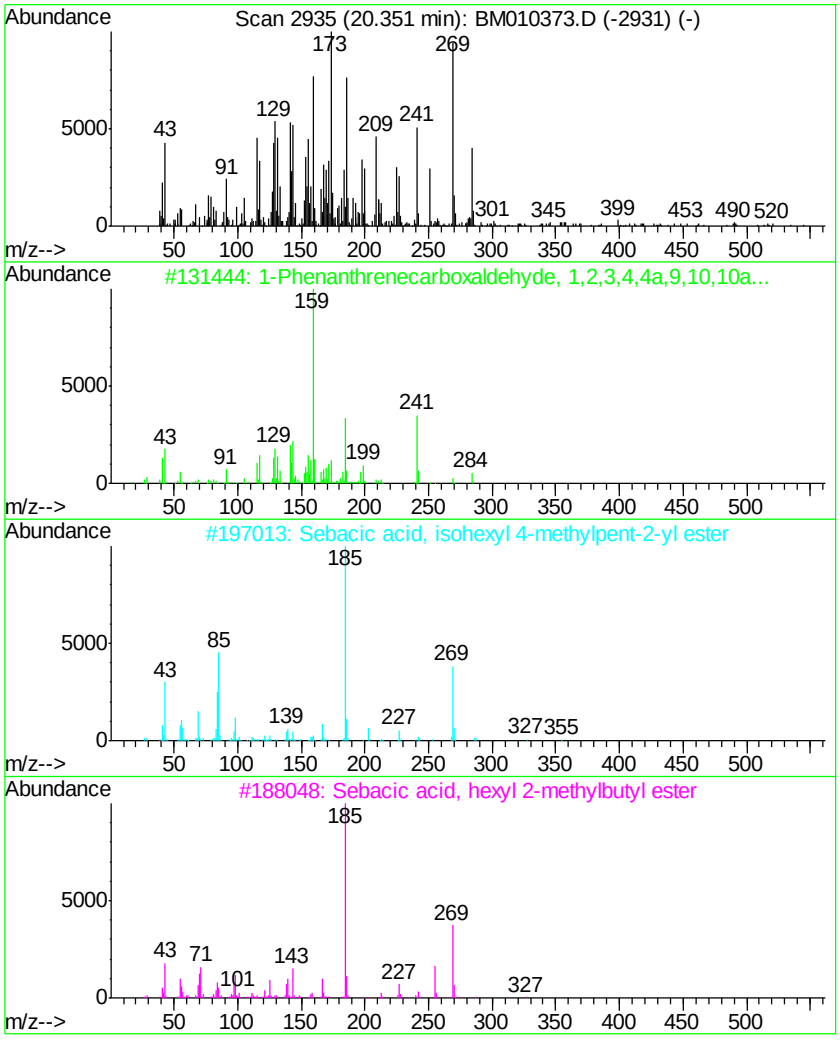
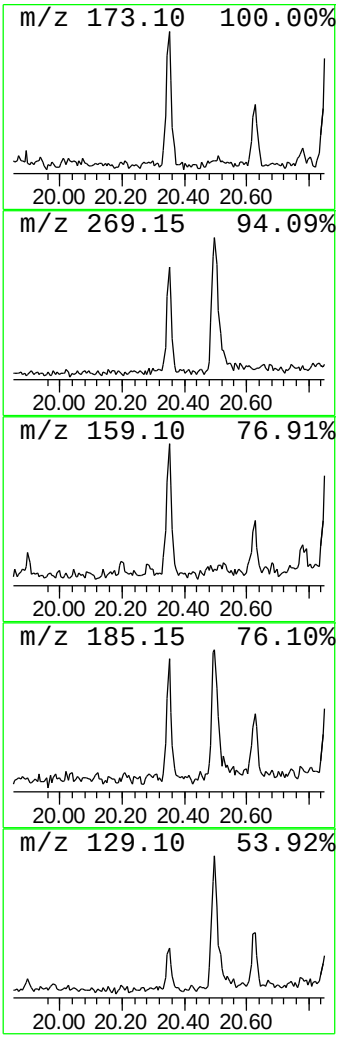
Peak Number 11 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	2.49 ng/ul	940509	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	15
2	Sebacic acid, isohexyl 4-methylp...	370	C22H42O4	1000355-35-2	14
3	Sebacic acid, hexyl 2-methylbuty...	356	C21H40O4	1000354-34-0	14
4	Sebacic acid, 6-ethyloct-3-yl he...	426	C26H50O4	1000354-18-7	14
5	(tert-Butyl)(4,6-diimidazol-1-yl...	284	C13H16N8	1000304-62-9	11





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Quant Title : SVOA CALIBRATION

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

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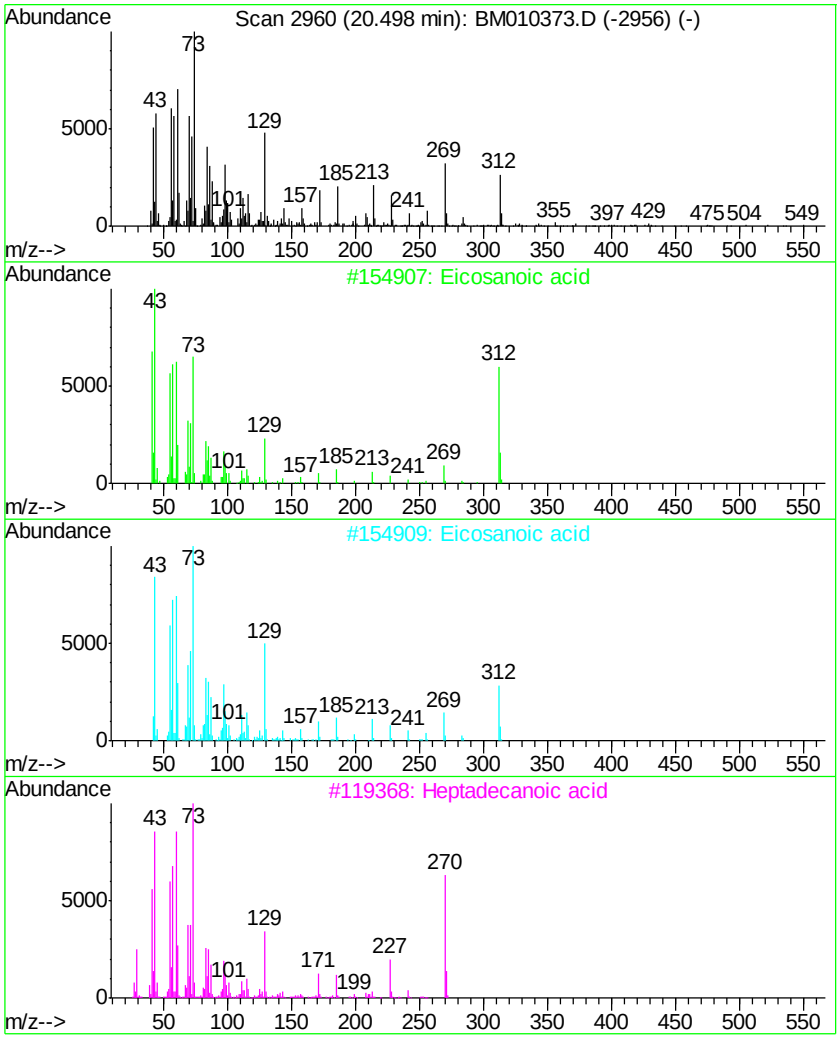
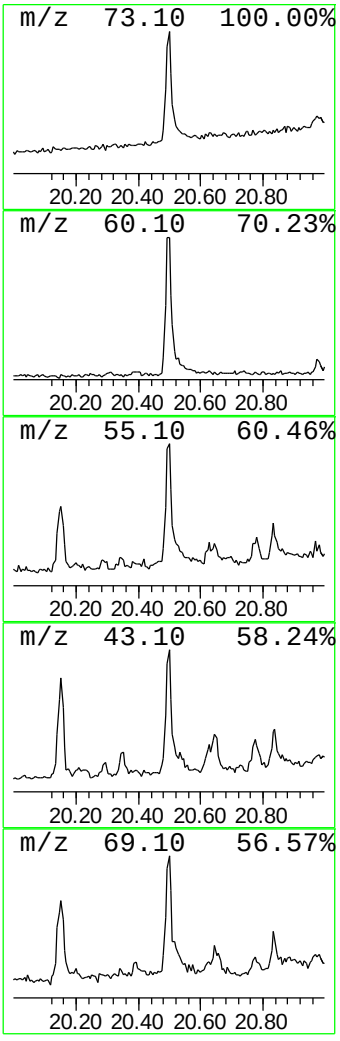
Peak Number 12 Eicosanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	7.87 ng/ul	2974200	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	93
2	Eicosanoic acid	312	C20H40O2	000506-30-9	87
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	83
4	Eicosanoic acid	312	C20H40O2	000506-30-9	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	70





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Quant Title : SVOA CALIBRATION

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

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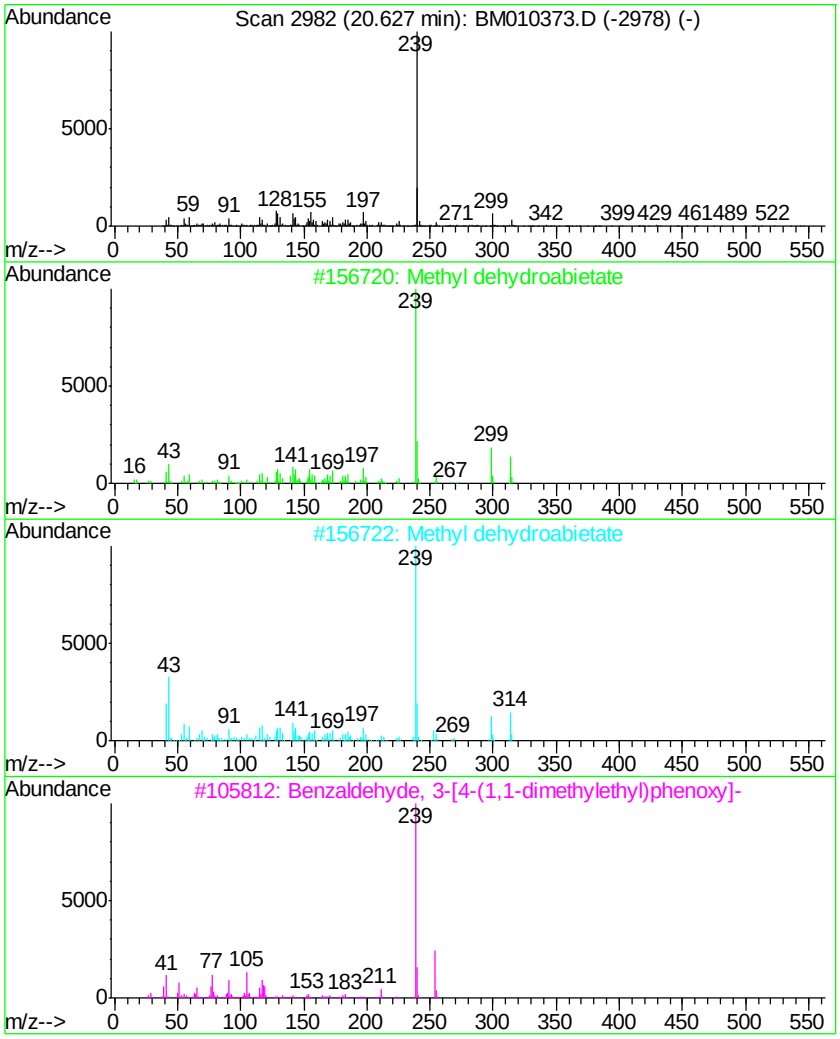
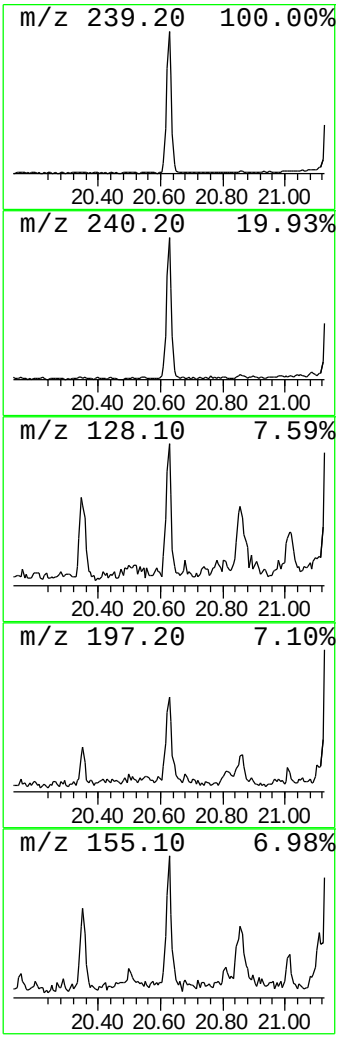
Peak Number 13 Methyl dehydroabietate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.63	5.19 ng/ul	1960620	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dehydroabietate	314	C21H30O2	001235-74-1	87
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	64
3	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	64
4	Dehydroabietic acid, trimethylsi...	372	C23H36O2Si	021414-49-3	50
5	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	50





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Quant Title : SVOA CALIBRATION

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

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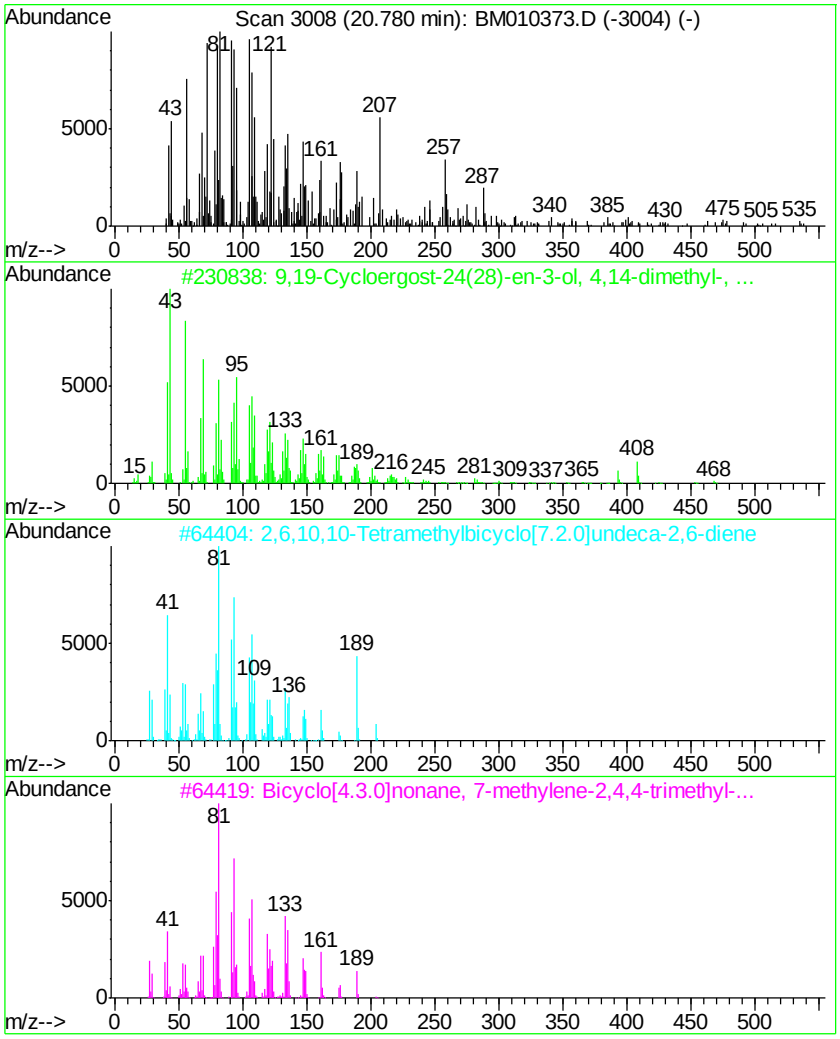
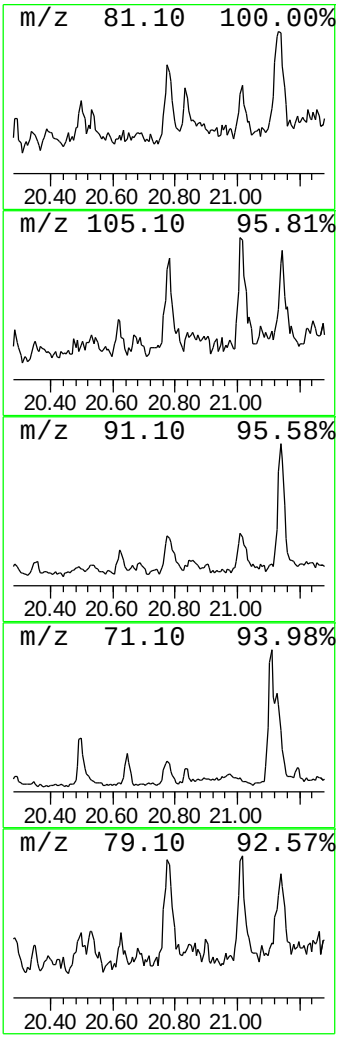
Peak Number 14 9,19-Cycloergost-24(28)-en-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	3.25 ng/ul	1229540	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,19-Cycloergost-24(28)-en-3-ol,...	468	C32H52O2	010376-42-8	70
2	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	64
3	Bicyclo[4.3.0]nonane, 7-methylen...	204	C15H24	1000156-11-9	55
4	Cedran-diol, (8S,14)-	238	C15H26O2	062600-05-9	46
5	1H-1,4-Diazepine, hexahydro-1-(2...	177	C10H15N3	1000337-93-1	45





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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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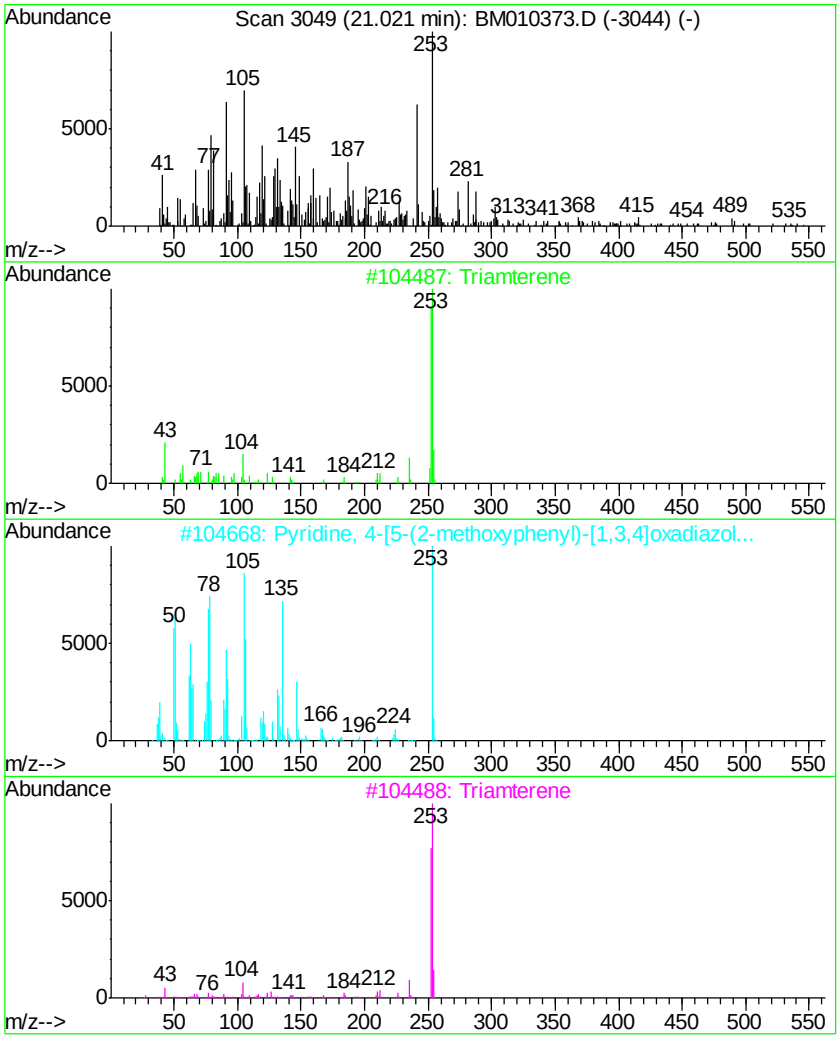
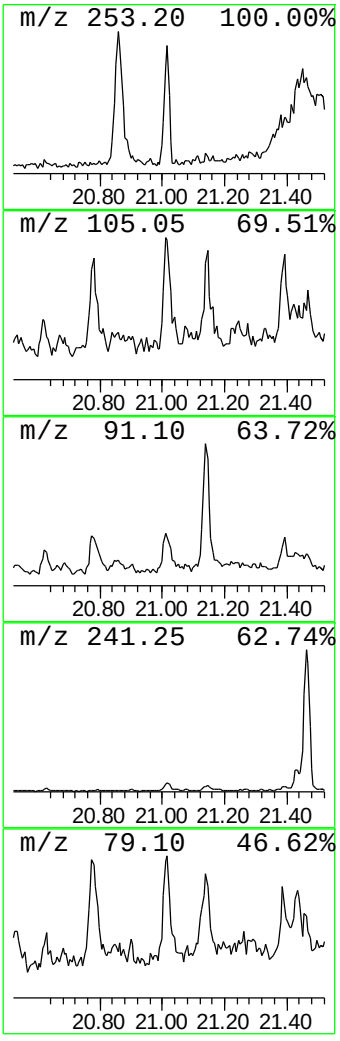
Peak Number 15 unknown-03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.18 ng/ul	1201030	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triamterene	253	C12H11N7	000396-01-0	42
2	Pyridine, 4-[5-(2-methoxyphenyl)...	253	C14H11N3O2	1000303-05-9	38
3	Triamterene	253	C12H11N7	000396-01-0	38
4	Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	30
5	6-Chloro-2-methyl-4-phenyl-quino...	253	C16H12ClN	022609-12-7	30





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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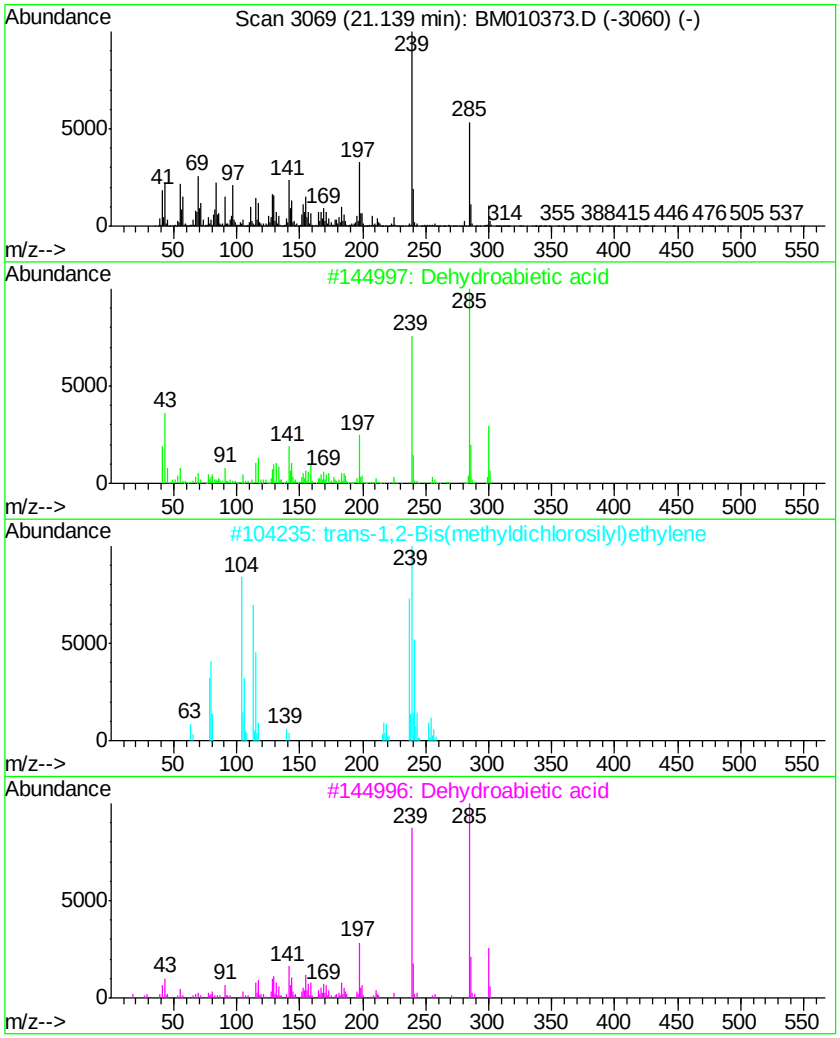
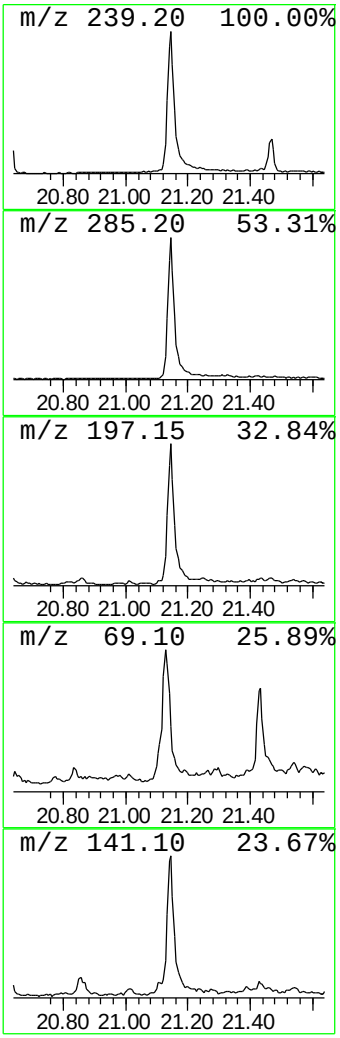
Peak Number 16 Dehydroabietic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	34.25 ng/ul	12941600	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	93
2	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	93
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	91
4	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	68
5	Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	58





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Quant Title : SVOA CALIBRATION

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

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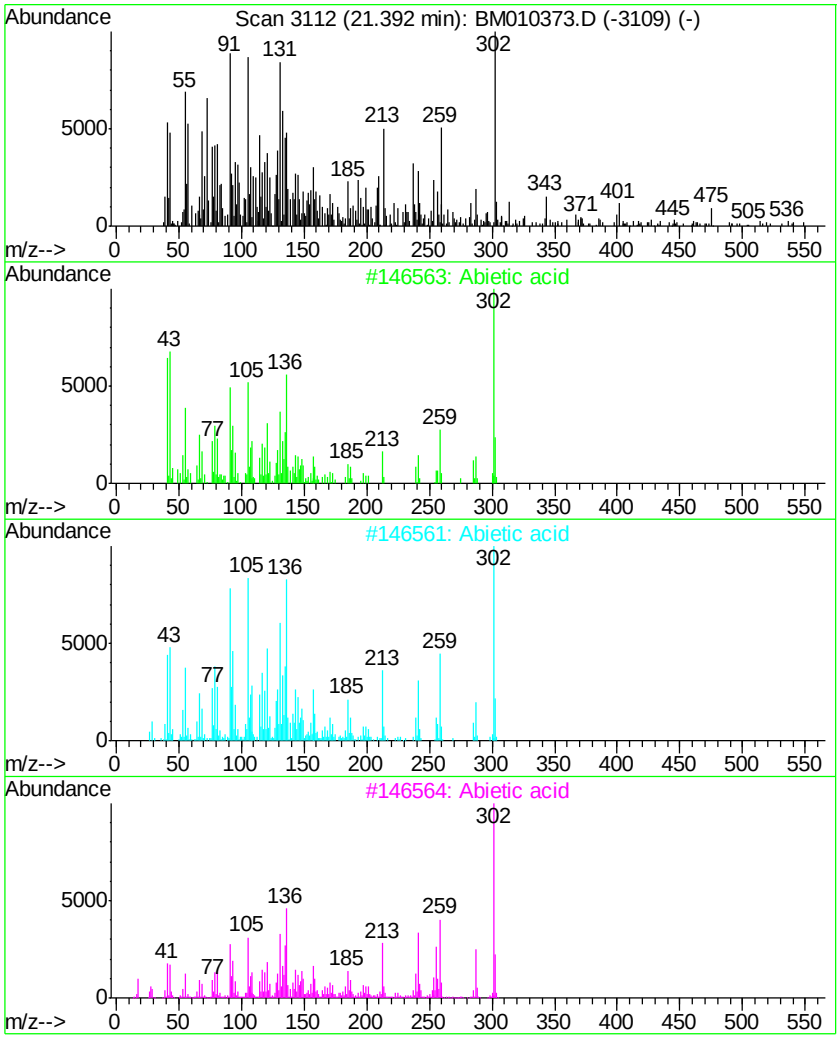
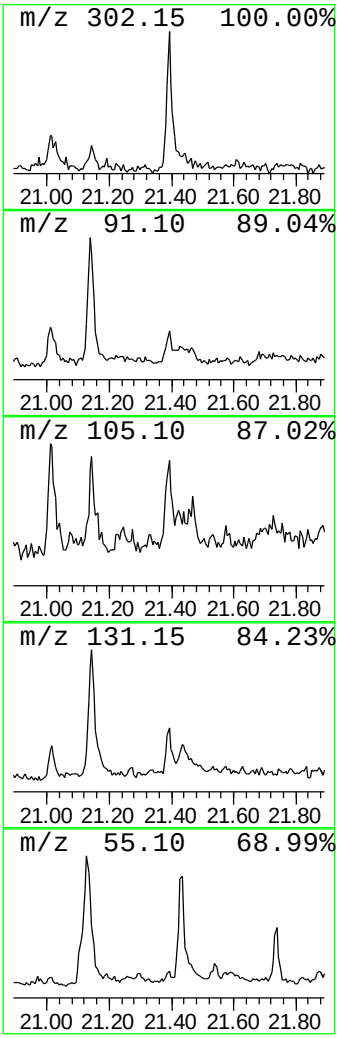
Peak Number 17 Abietic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.42 ng/ul	916033	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Abietic acid	302	C20H30O2	000514-10-3	60
2	Abietic acid	302	C20H30O2	000514-10-3	55
3	Abietic acid	302	C20H30O2	000514-10-3	49
4	.beta.-Pimaric acid	302	C20H30O2	000079-54-9	46
5	1,1'-Biphenyl, 2,3,4,4'-tetramet...	302	C18H22O4	123705-88-4	44





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Quant Title : SVOA CALIBRATION

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

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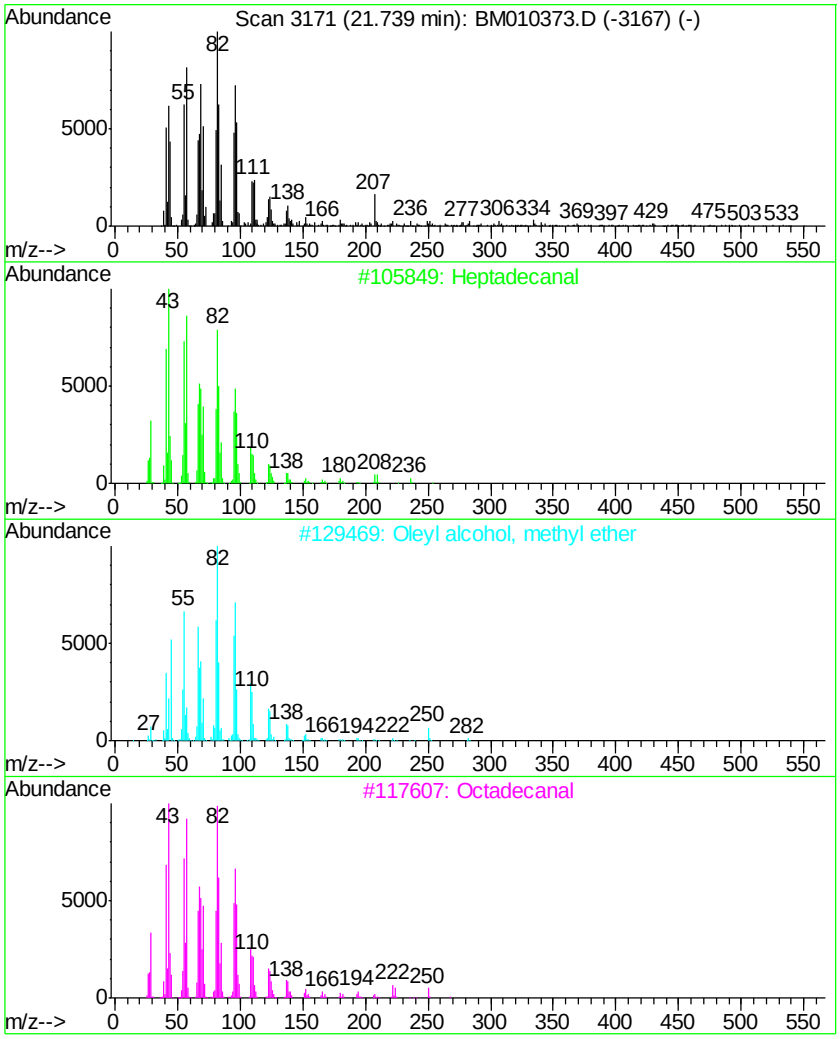
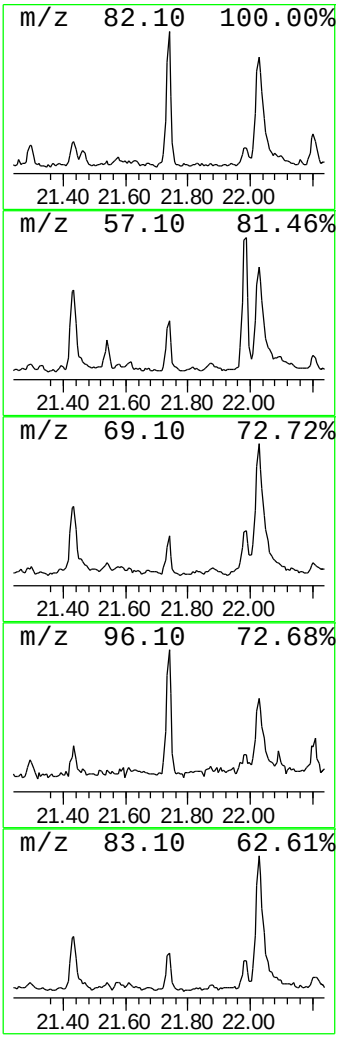
Peak Number 18 Heptadecanal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	5.92 ng/ul	2236850	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	94
2	Oleyl alcohol, methyl ether	282	C19H38O	1000352-68-0	92
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\
Data File : BM010373.D
Acq On : 02 Jun 2017 01:46
Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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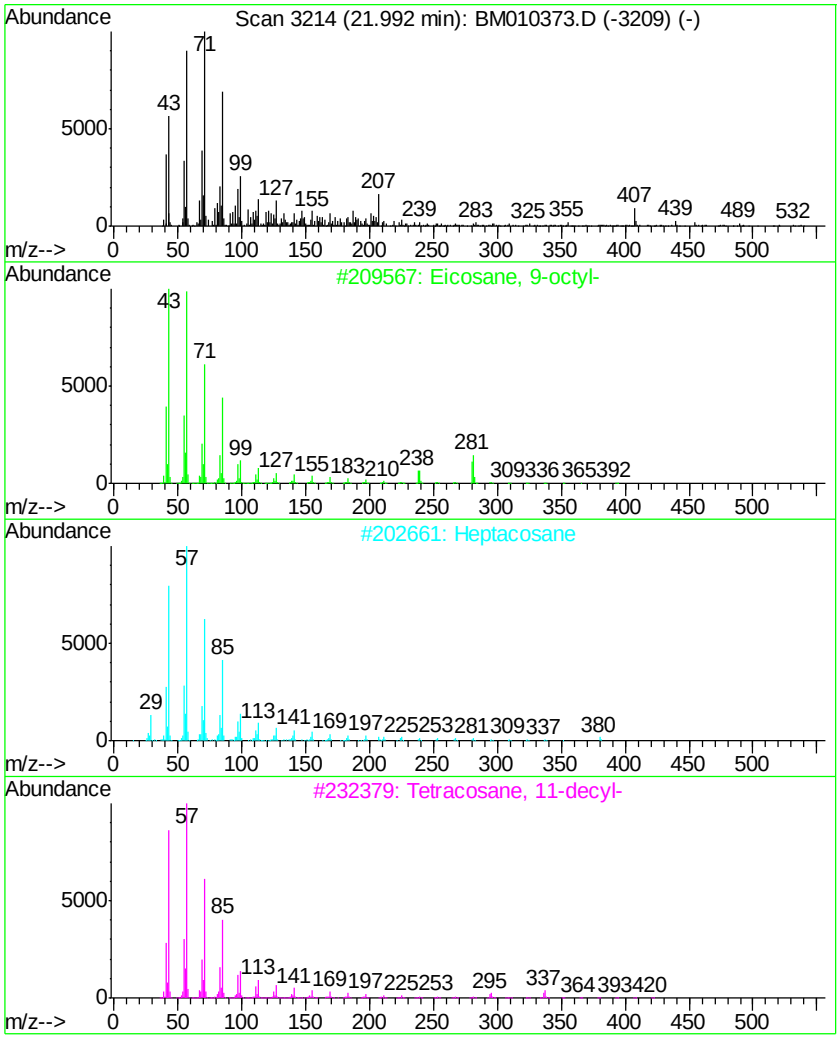
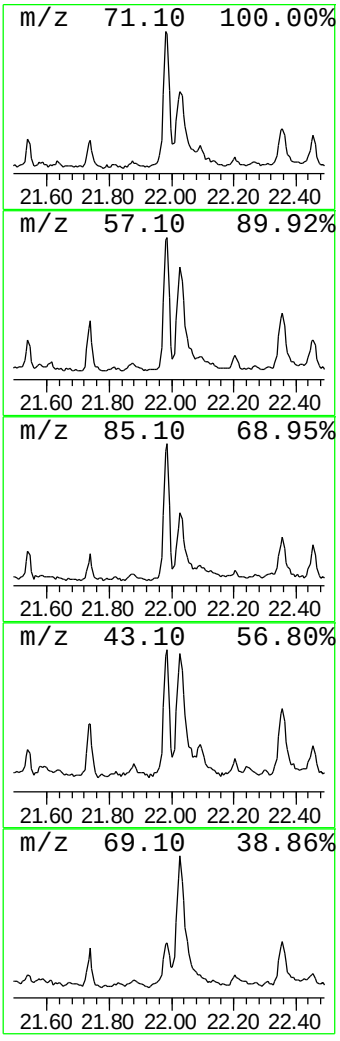
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	9.42 ng/ul	3560190	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
4	Hentriacontane	437	C31H64	000630-04-6	83
5	Hexacosane	366	C26H54	000630-01-3	83





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Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

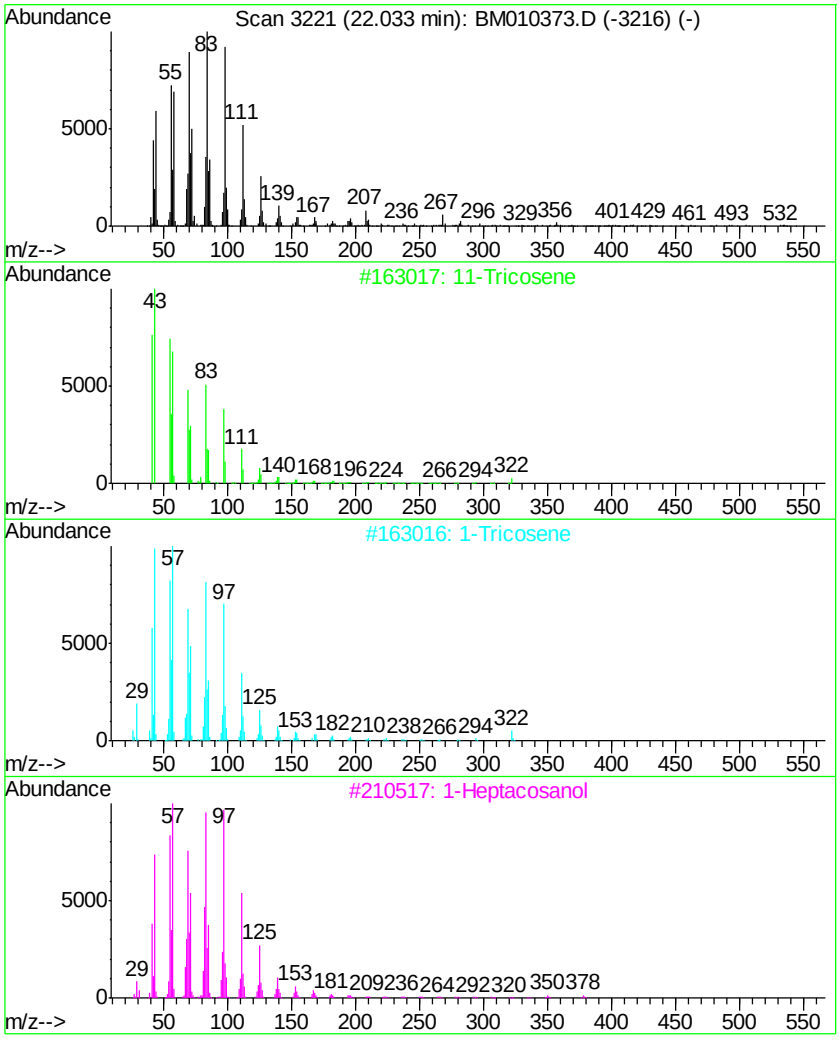
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

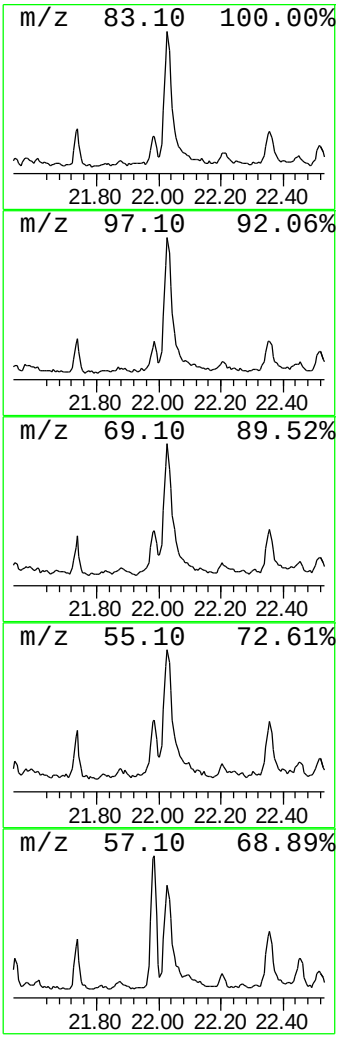
****

Peak Number 20 (DEL) Alkane: Cyclic22.03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	19.26 ng/ul	7277190	Chrysene-d12	21.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	90
2	1-Tricosene	322	C23H46	018835-32-0	89
3	1-Heptacosanol	396	C27H56O	002004-39-9	86
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
5	1-Heneicosanol	312	C21H44O	015594-90-8	81





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Operator : SJ/MA
Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

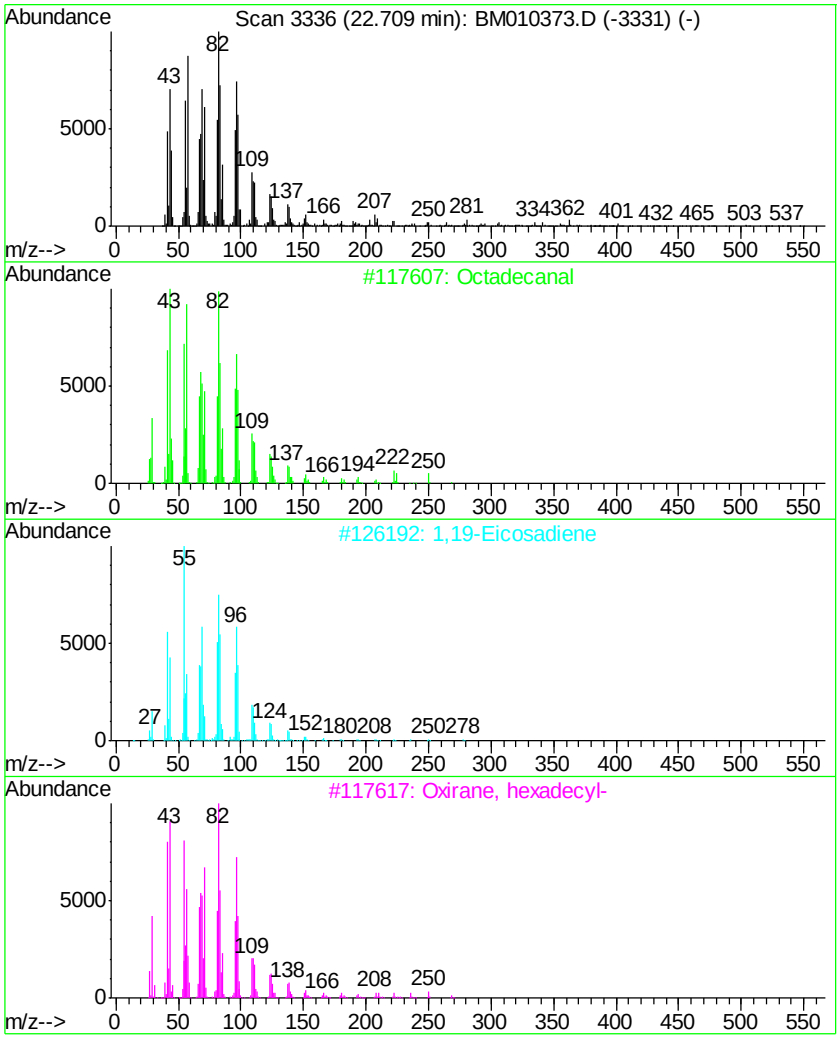
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

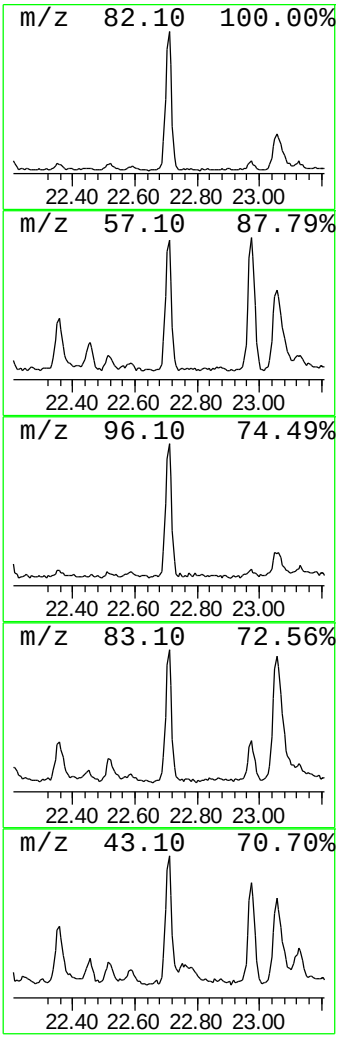
****

Peak Number 22 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	19.81 ng/ul	6744840	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	95
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





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Sample : I3163-21
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

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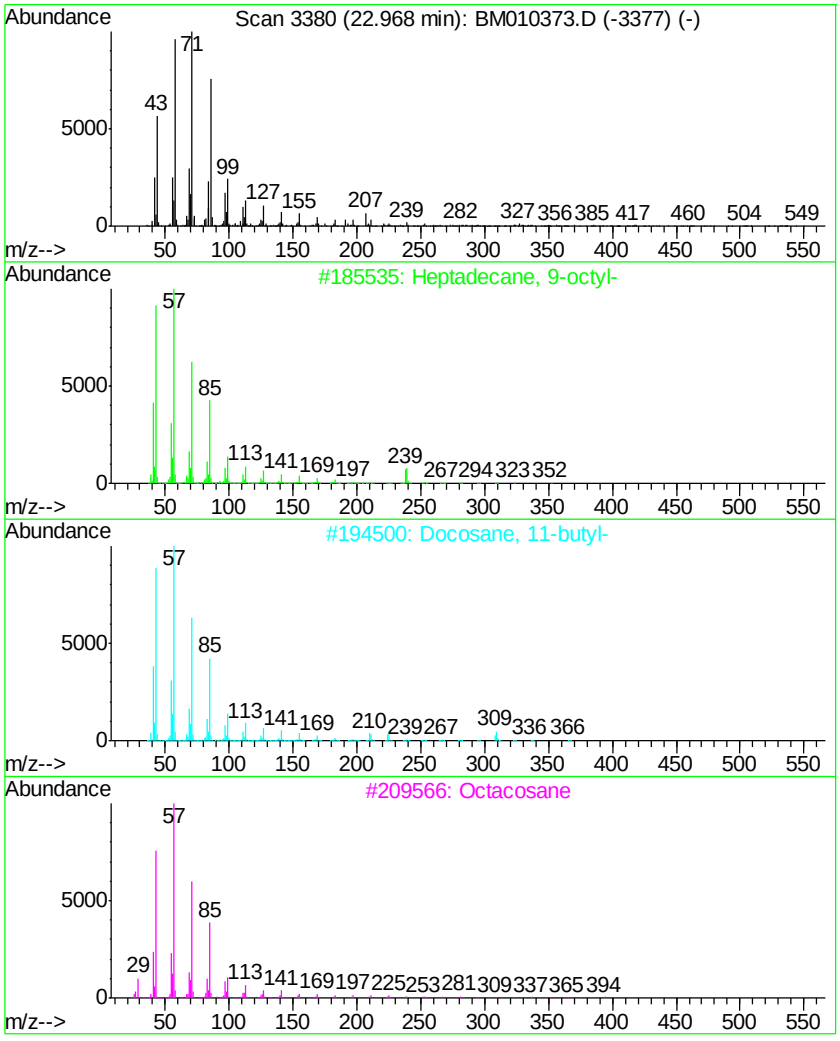
Quant Title : SVOA CALIBRATION

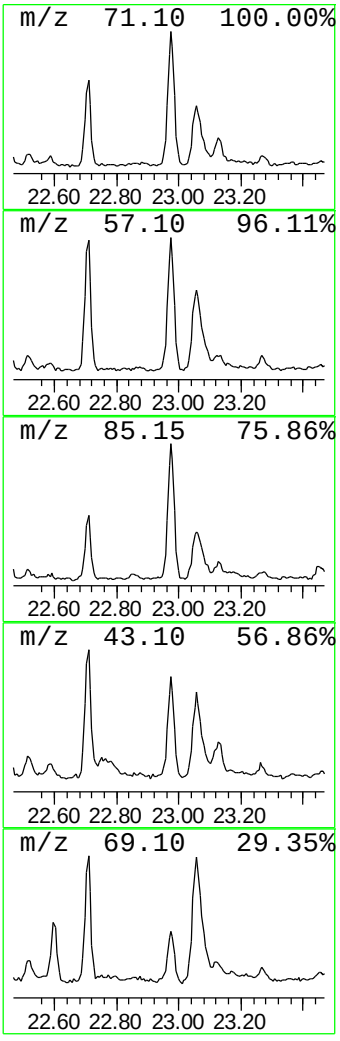
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	10.14 ng/ul	3453200	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

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Sample : I3163-21
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Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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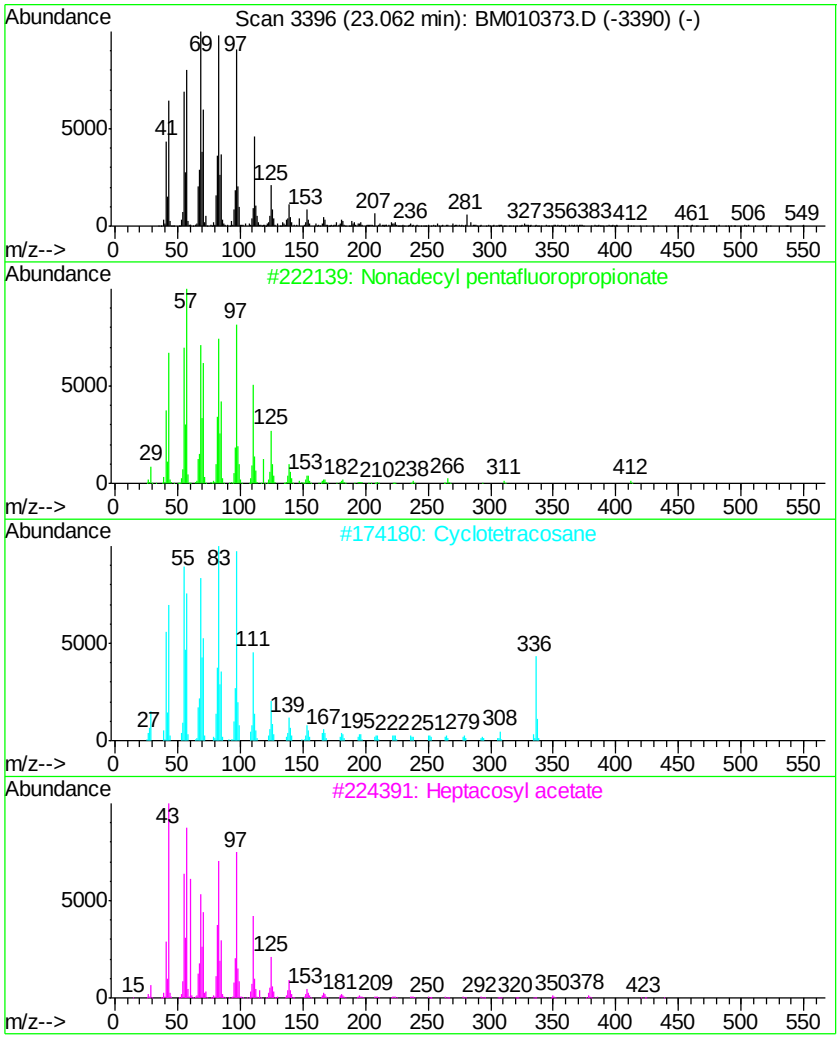
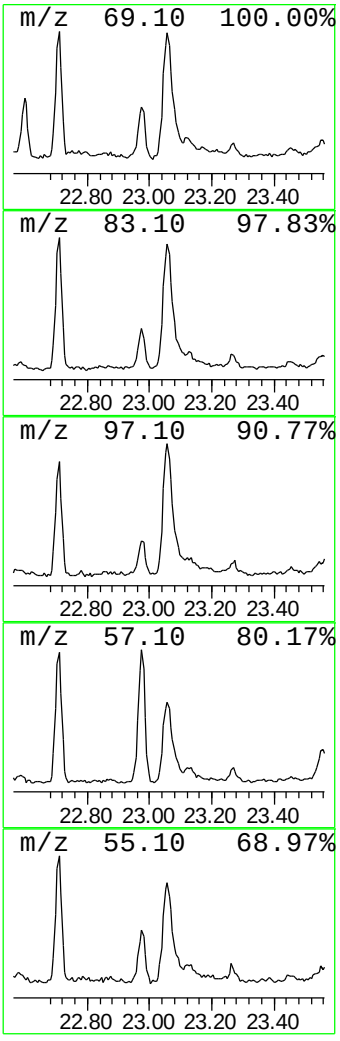
Peak Number 24 Nonadecyl pentafluoropropio... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	17.40 ng/ul	5923580	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	92
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90
4	Behenic alcohol	326	C22H46O	000661-19-8	89
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	76





Library Search Compound Report

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Acq On : 02 Jun 2017 01:46
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Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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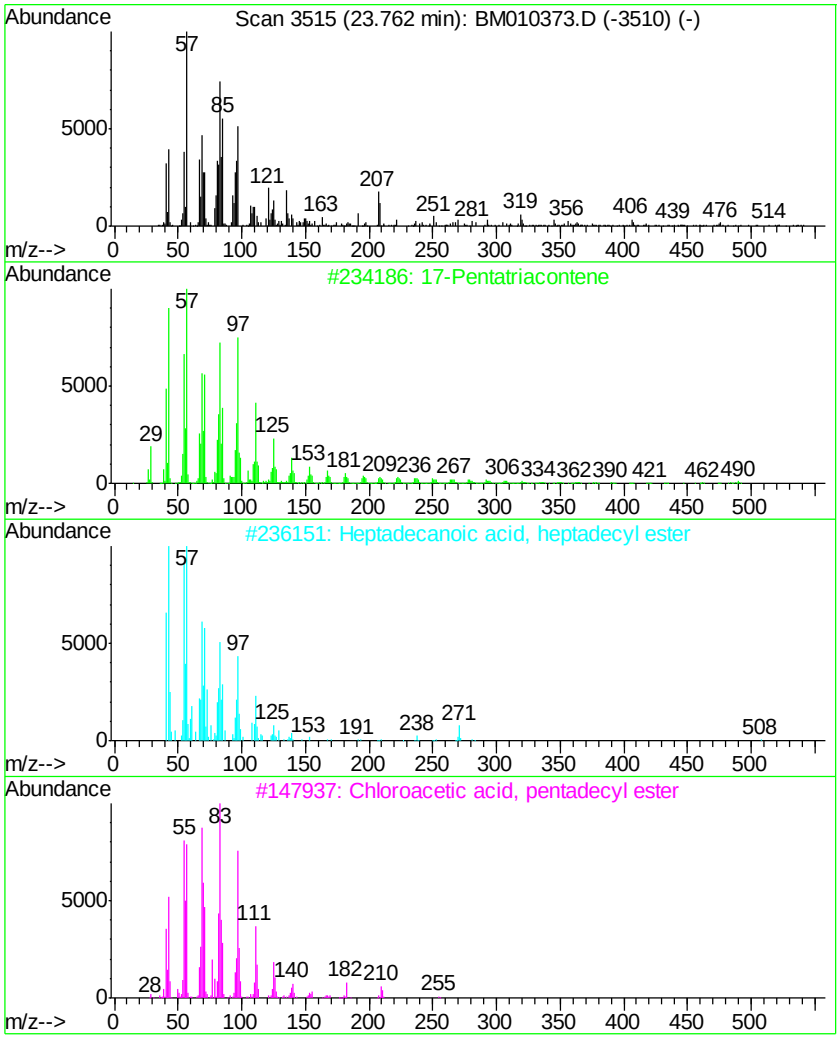
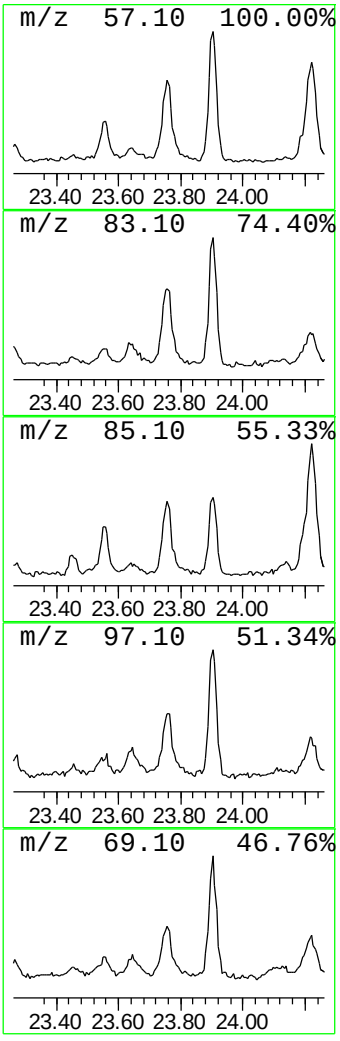
Peak Number 25 (DEL) Alkane: Cyclic23.76 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	5.78 ng/ul	1968550	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	60
2	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	50
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	43
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	40
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	38





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Acq On : 02 Jun 2017 01:46
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Sample : I3163-21
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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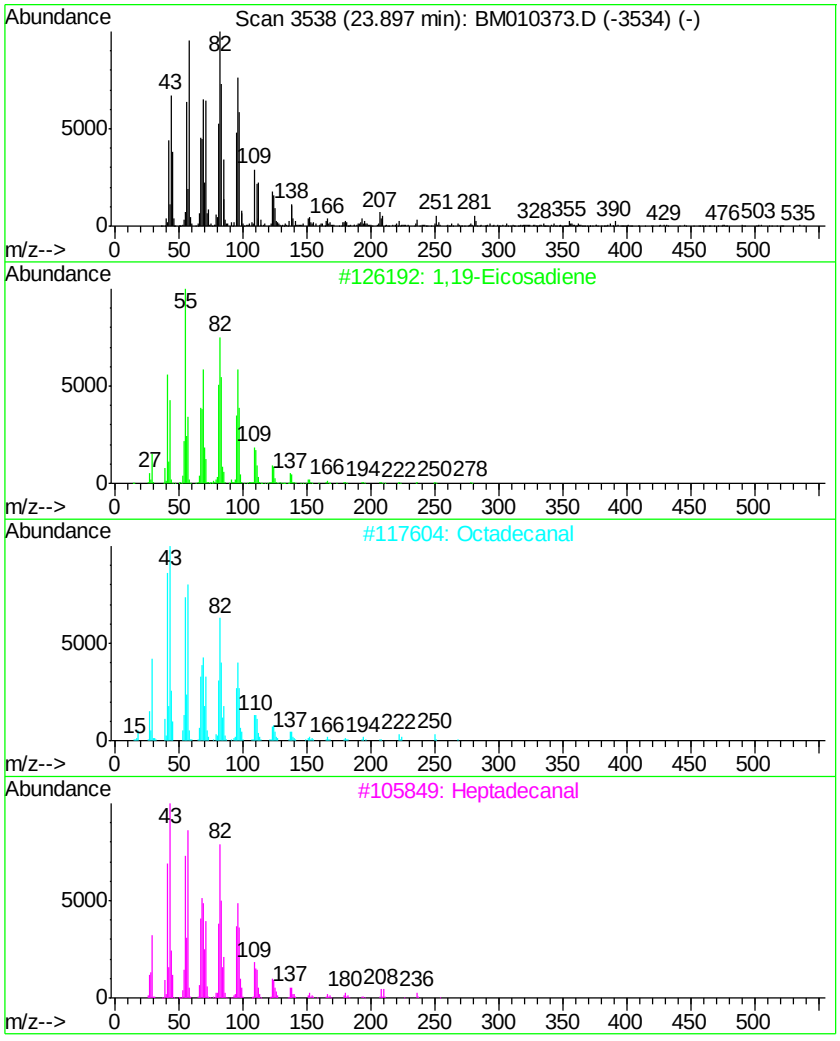
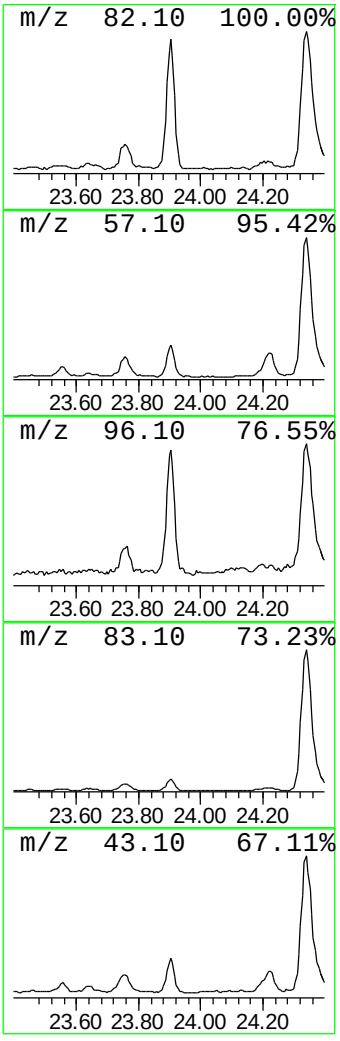
Peak Number 26 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	19.98 ng/ul	6803310	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	93
2	Octadecanal	268	C18H36O	000638-66-4	90
3	Heptadecanal	254	C17H34O	1000376-70-0	90
4	9-Octadecen-1-ol, (E)-	268	C18H36O	000506-42-3	89
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81





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Sample : I3163-21
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Instrument : BNA_M
ClientSampleId : JHSH1

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Quant Title : SVOA CALIBRATION

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

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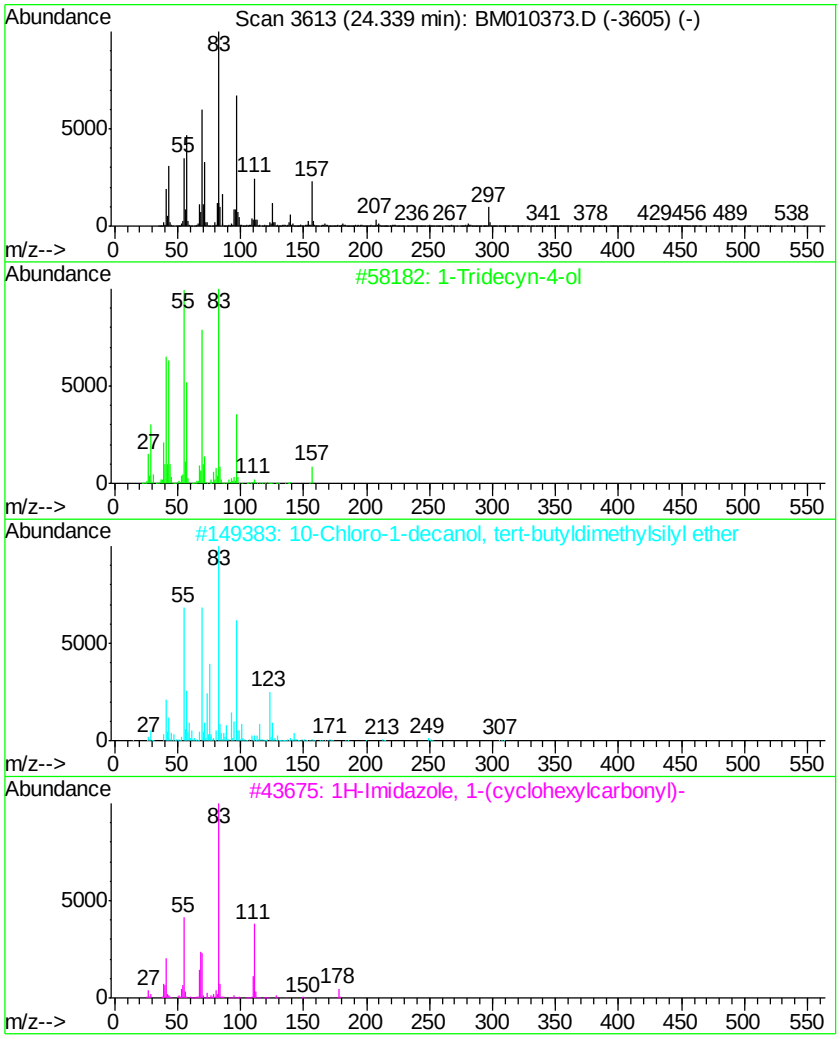
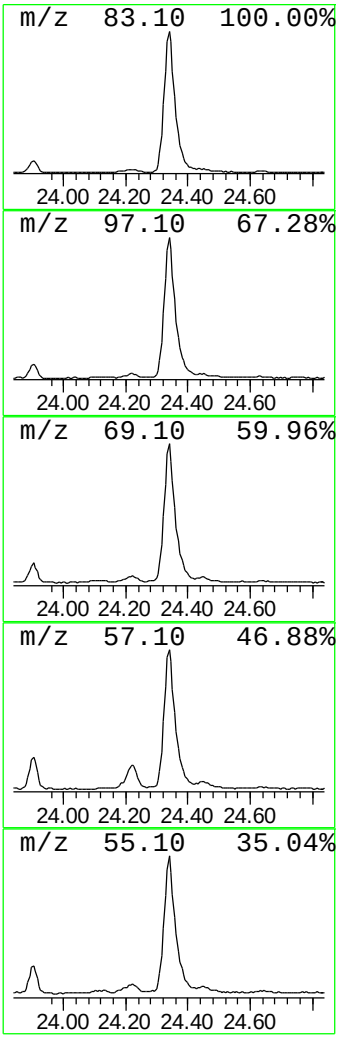
Peak Number 27 1-Tridecyn-4-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.34	114.46 ng/ul	38975800	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecyn-4-ol	196	C13H24O	074646-37-0	53
2	10-Chloro-1-decanol, tert-butyld...	306	C16H35ClOSi	1000333-09-1	50
3	1H-Imidazole, 1-(cyclohexylcarbo...	178	C10H14N2O	060718-45-8	38
4	Cyclohexanecarboxylic acid, 4-ni...	249	C13H15NO4	1000307-70-8	38
5	Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	38





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Sample : I3163-21
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Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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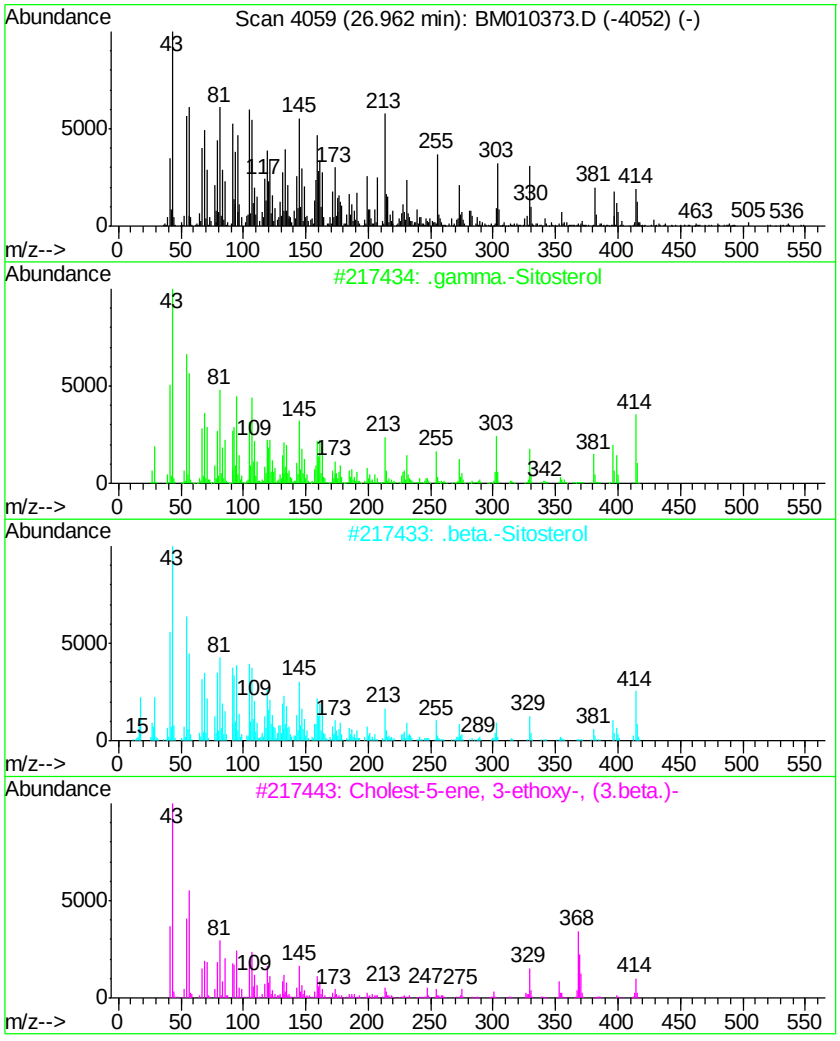
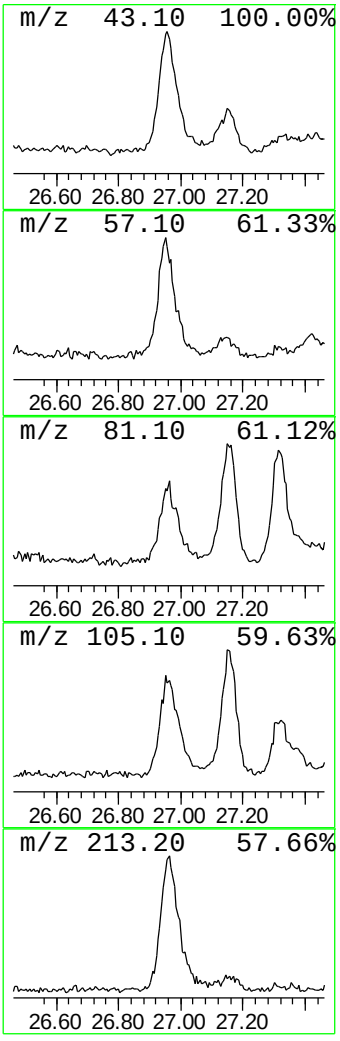
Peak Number 28 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.96	28.02 ng/ul	9540470	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	60
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	55
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	50
4	Cedran-diol, (8S,14)-	238	C15H26O2	062600-05-9	45
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	45





Library Search Compound Report

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Sample : I3163-21
Misc :
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Instrument : BNA_M
ClientSampleId : JHSH1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

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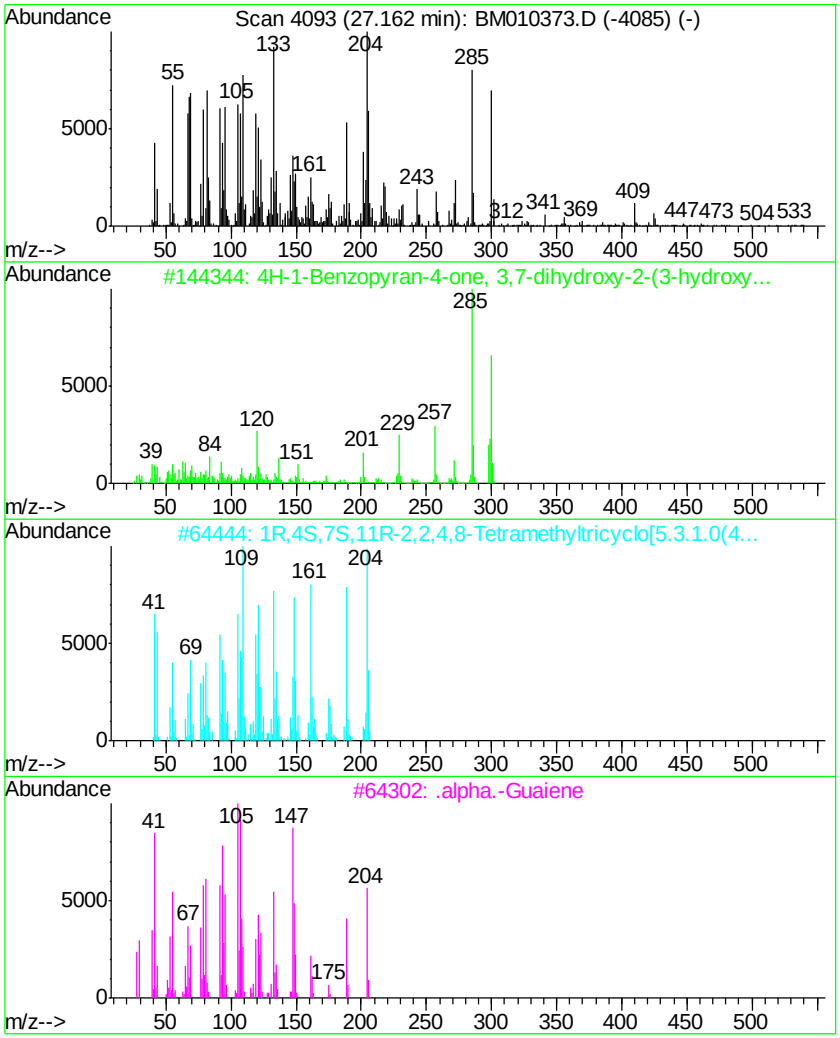
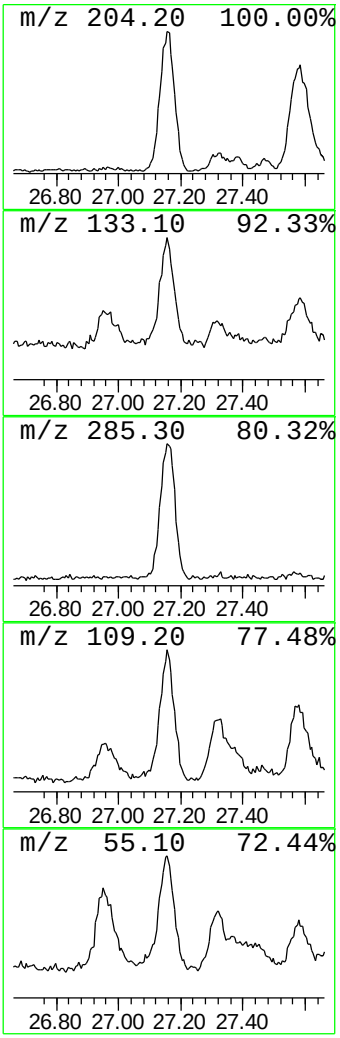
Peak Number 29 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	33.64 ng/ul	11455800	Perylene-d12	23.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	41
2	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1000140-07-6	38
3	.alpha.-Guaiene	204	C15H24	003691-12-1	35
4	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	30
5	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	27





Tentatively Identified Compound (LSC) summary

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Data File : BM010373.D
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Operator : SJ/MA
Sample : I3163-21
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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
3-Carene	6.56	20.2	ng/ul	2330420	1	7.92	2309610	20.0
Tetracosanoic acid	17.16	3.3	ng/ul	778119	4	17.30	4664000	20.0
Palmitoleic acid	18.03	2.5	ng/ul	577116	4	17.30	4664000	20.0
Tridecanoic acid	18.15	12.1	ng/ul	2829860	4	17.30	4664000	20.0
unknown-01	18.45	4.6	ng/ul	1069250	4	17.30	4664000	20.0
2,6,10,10-Tetrame...	19.08	14.0	ng/ul	3261700	4	17.30	4664000	20.0
9,12-Octadecadien...	19.29	2.7	ng/ul	623999	4	17.30	4664000	20.0
9-Octadecenoic ac...	19.31	4.2	ng/ul	982208	4	17.30	4664000	20.0
Octadecanoic acid	19.42	5.4	ng/ul	2050920	5	21.46	7557890	20.0
1-Hexadecanol, 2-...	20.15	3.0	ng/ul	1131860	5	21.46	7557890	20.0
unknown-02	20.35	2.5	ng/ul	940509	5	21.46	7557890	20.0
Eicosanoic acid	20.50	7.9	ng/ul	2974200	5	21.46	7557890	20.0
Methyl dehydroabi...	20.63	5.2	ng/ul	1960620	5	21.46	7557890	20.0
9,19-Cycloergost-...	20.78	3.3	ng/ul	1229540	5	21.46	7557890	20.0
unknown-03	21.02	3.2	ng/ul	1201030	5	21.46	7557890	20.0
Dehydroabietic acid	21.14	34.3	ng/ul	12941600	5	21.46	7557890	20.0
Abietic acid	21.39	2.4	ng/ul	916033	5	21.46	7557890	20.0
Heptadecanal	21.74	5.9	ng/ul	2236850	5	21.46	7557890	20.0
(DEL) Alkane: Str...	21.99	9.4	ng/ul	3560190	5	21.46	7557890	20.0
(DEL) Alkane: Cyc...	22.03	19.3	ng/ul	7277190	5	21.46	7557890	20.0
Octadecanal	22.71	19.8	ng/ul	6744840	6	23.82	6810340	20.0
(DEL) Alkane: Str...	22.97	10.1	ng/ul	3453200	6	23.82	6810340	20.0
Nonadecyl pentafl...	23.06	17.4	ng/ul	5923580	6	23.82	6810340	20.0
(DEL) Alkane: Cyc...	23.76	5.8	ng/ul	1968550	6	23.82	6810340	20.0
1,19-Eicosadiene	23.90	20.0	ng/ul	6803310	6	23.82	6810340	20.0
1-Tridecyn-4-ol	24.34	114.5	ng/ul	38975800	6	23.82	6810340	20.0
.gamma.-Sitosterol	26.96	28.0	ng/ul	9540470	6	23.82	6810340	20.0
unknown-04	27.16	33.6	ng/ul	11455800	6	23.82	6810340	20.0