LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010758.D
Acq On : 26 Jun 2017 22:51
Operator : SJ/JU
Sample : I3756-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

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-BM062017.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	6.645	633	639	648	rBB	253058	395403	19.98%	1.865%
2	6.804	660	666	675	rBV	159430	244424	12.35%	1.153%
3	6.992	692	698	706	rBB	258788	383674	19.38%	1.810%
4	7.457	771	777	785	rBB	284613	422813	21.36%	1.994%
5	8.163	891	897	905	rBV	347272	517071	26.12%	2.439%
6	8.598	965	971	978	rBV	246112	383032	19.35%	1.807%
7	9.316	1086	1093	1100	rBB	224571	362065	18.29%	1.708%
8	9.845	1176	1183	1193	rVB	370719	598224	30.22%	2.822%
9	10.216	1239	1246	1253	rBV	406222	649734	32.83%	3.065%
10	10.357	1264	1270	1278	rBV	271881	444016	22.43%	2.094%
11	11.757	1499	1508	1515	rBV	69339	107297	5.42%	0.506%
12	13.527	1803	1809	1814	rBV	718423	981045	49.56%	4.628%
13	13.574	1814	1817	1823	rVB	181126	223629	11.30%	1.055%
14	13.792	1847	1854	1863	rBV	706876	1047395	52.92%	4.941%
15	14.110	1899	1908	1917	rVB2	671083	1011967	51.13%	4.774%
16	14.321	1936	1944	1950	rBV	353345	491134	24.81%	2.317%
17	14.992	2053	2058	2065	rBV4	18305	27457	1.39%	0.130%
18	15.110	2072	2078	2084	rBV	980545	1351010	68.26%	6.373%
19	15.233	2091	2099	2105	rBV	324745	438907	22.17%	2.070%
20	15.857	2201	2205	2208	rBV4	23774	36852	1.86%	0.174%
21	15.886	2208	2210	2215	rVB3	16815	20151	1.02%	0.095%
22	16.704	2343	2349	2358	rVB6	16399	35530	1.80%	0.168%
23	16.862	2369	2376	2380	rBV	958640	1320984	66.74%	6.231%
24	16.904	2380	2383	2387	rVV	130944	163873	8.28%	0.773%
25	16.962	2387	2393	2396	rVV	1115457	1564163	79.02%	7.378%
26	16.992	2396	2398	2405	rVB	197804	236070	11.93%	1.114%
27	17.268	2441	2445	2450	rVB	73364	94565	4.78%	0.446%
28	17.786	2528	2533	2541	rBV2	152600	199777	10.09%	0.942%
29	17.862	2541	2546	2552	rVB2	12203	20872	1.05%	0.098%
30	17.933	2552	2558	2563	rBV7	15821	28471	1.44%	0.134%
31	18.933	2724	2728	2737	rVB	110378	154159	7.79%	0.727%
32	19.080	2749	2753	2759	rBV4	60366	74979	3.79%	0.354%
33	19.268	2780	2785	2794	rBV	1408436	1979344	100.00%	9.337%
34	19.803	2872	2876	2882	rBV6	21683	36243	1.83%	0.171%

LSC Area Percent Report

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Sample : I3756-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

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-BM062017.M
Title : SVOA CALIBRATION

35	19.903	2889	2893	2897	rVB2	23272	31070	1.57%	0.147%
36	20.815	3044	3048	3053	rBV	224871	236883	11.97%	1.117%
37	21.021	3079	3083	3087	rBV2	46925	61394	3.10%	0.290%
38	21.074	3087	3092	3097	rVV	1327261	1694256	85.60%	7.992%
39	21.109	3097	3098	3103	rVB	53416	50850	2.57%	0.240%
40	21.692	3193	3197	3203	rVB7	47491	78218	3.95%	0.369%
41	22.250	3288	3292	3301	rVB3	76385	125691	6.35%	0.593%
42	23.080	3427	3433	3440	rBV	823747	1408134	71.14%	6.642%
43	23.138	3440	3443	3448	rVB5	55554	79837	4.03%	0.377%
44	23.215	3449	3456	3462	rBV	667264	1171296	59.18%	5.525%
45	23.744	3542	3546	3552	rVB6	71407	118900	6.01%	0.561%
46	23.821	3556	3559	3564	rVB7	56903	96518	4.88%	0.455%

Sum of corrected areas: 21199377

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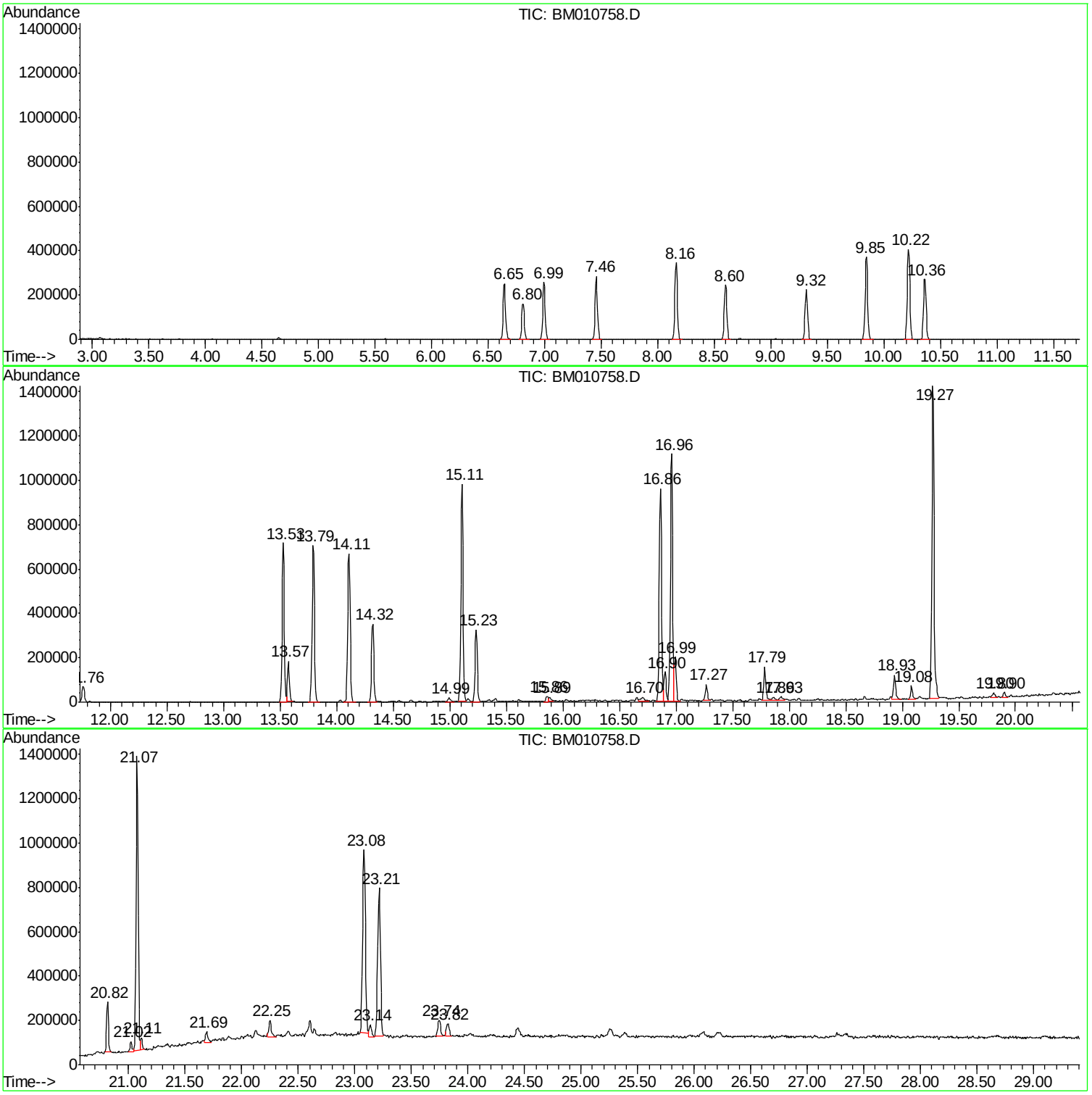
Instrument :
BNA_M
ClientSampleId :
C0AE0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM010758.D
Acq On : 26 Jun 2017 22:51
Operator : SJ/JU
Sample : I3756-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

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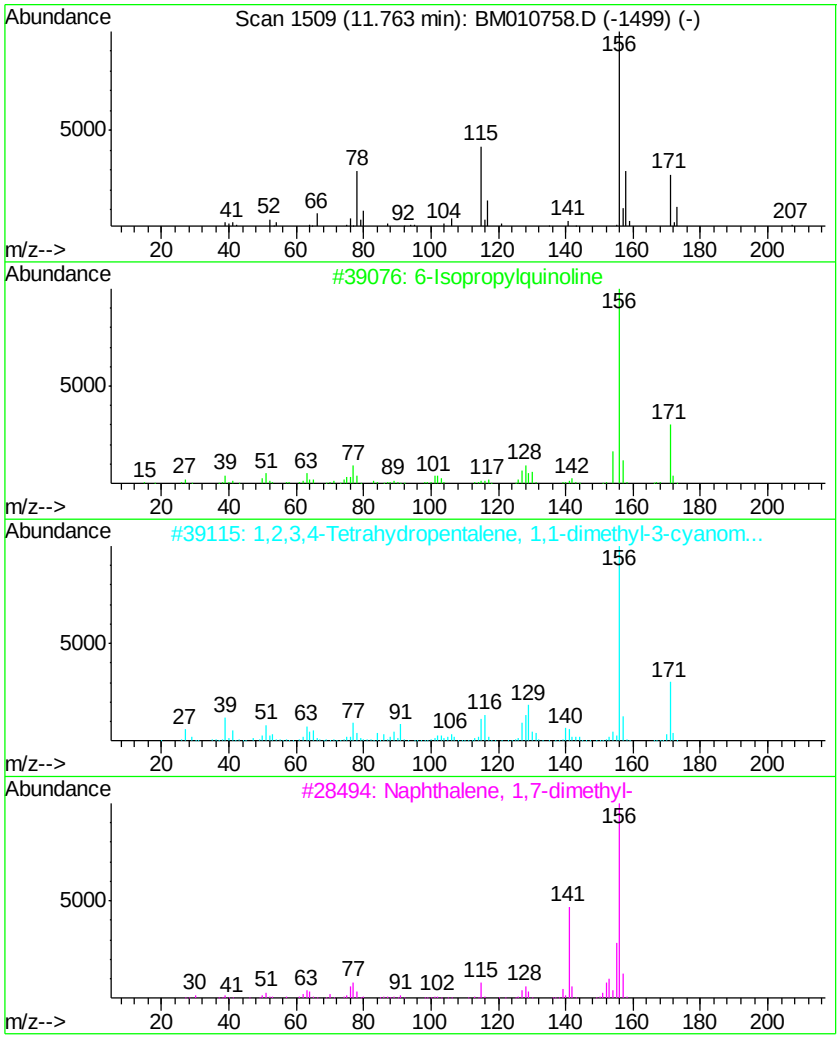
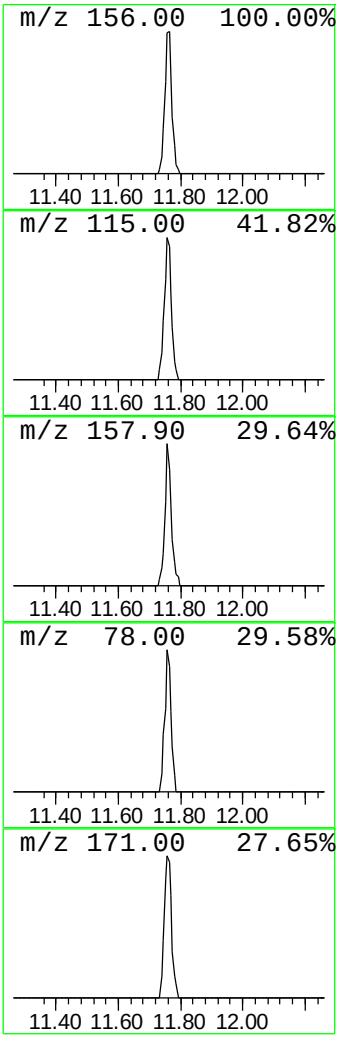
Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.30 ng/ul	107297	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline	171	C12H13N	000135-79-5	43
2	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	43
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	38
4	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	32
5	1,2,3,3a-Tetrahydropentalene, 1,...	171	C12H13N	1000217-17-0	27





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Sample : I3756-09
Misc :
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Instrument : BNA_M
ClientSampleId : C0AE0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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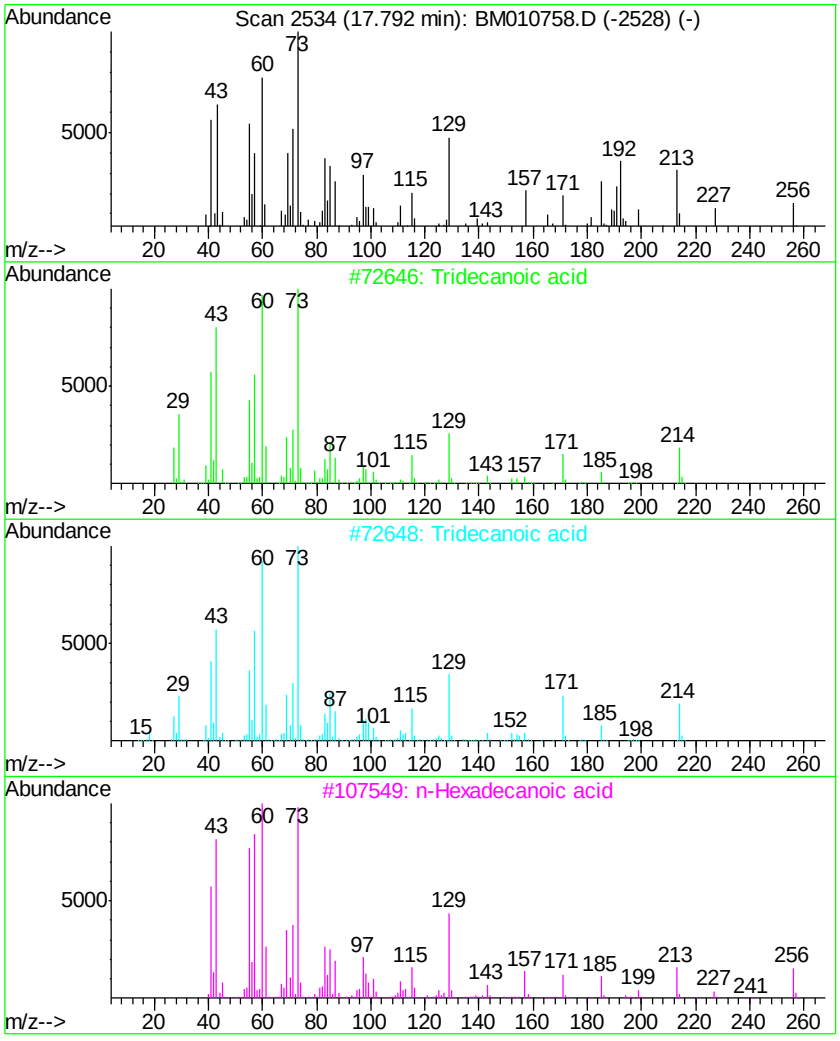
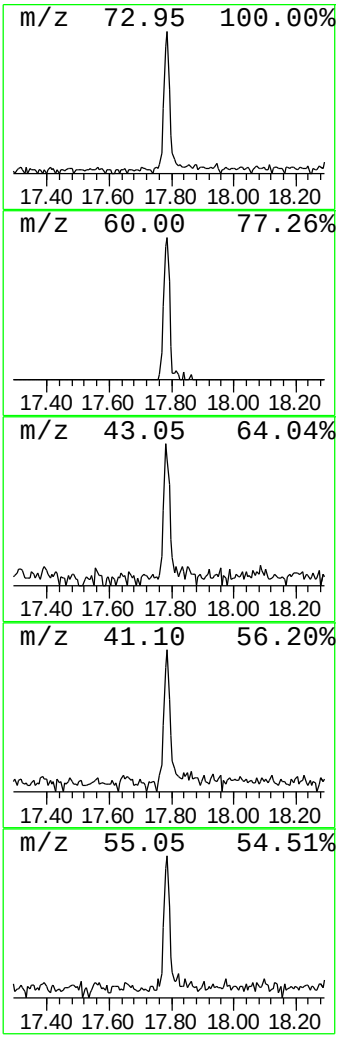
Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.02 ng/ul	199777	Phenanthrene-d10	16.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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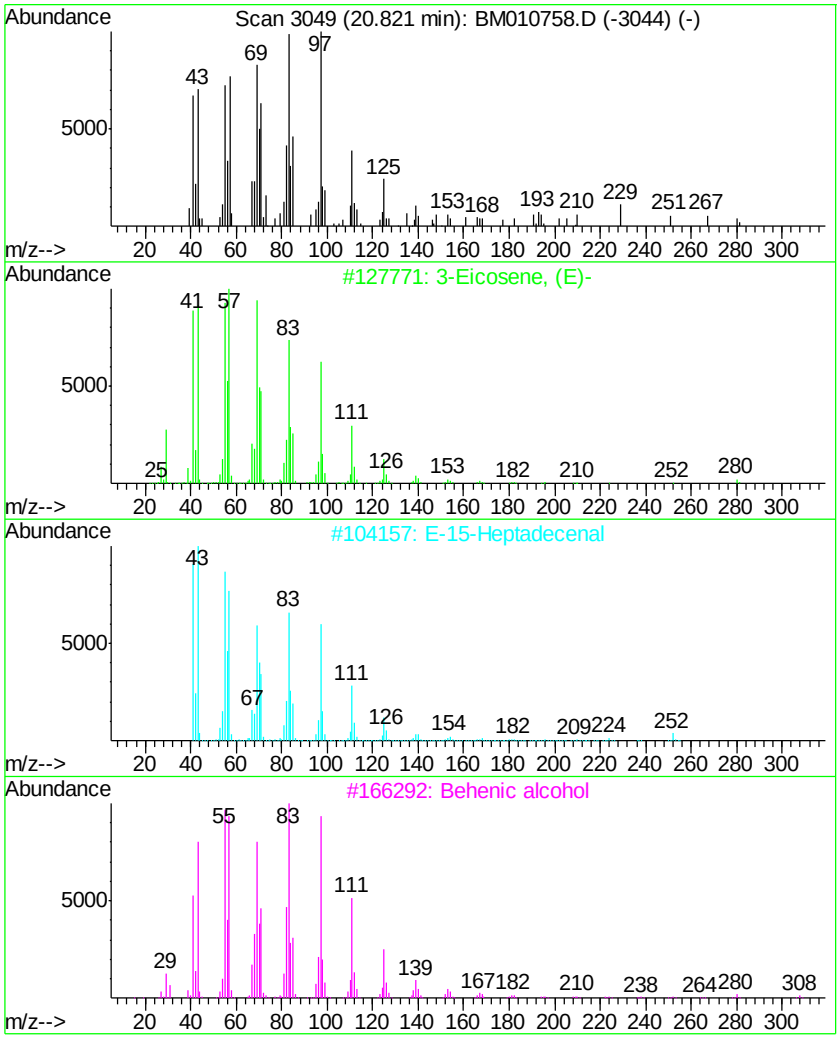
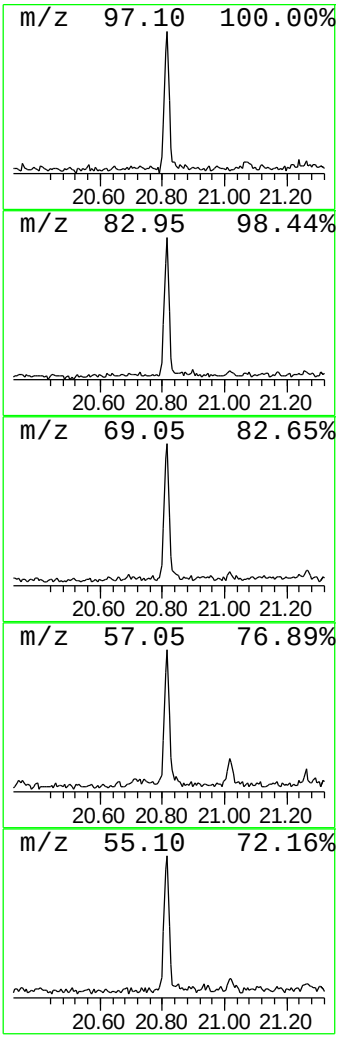
Peak Number 3 (DEL) Alkane: Cyclic20.82 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.80 ng/ul	236883	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	83





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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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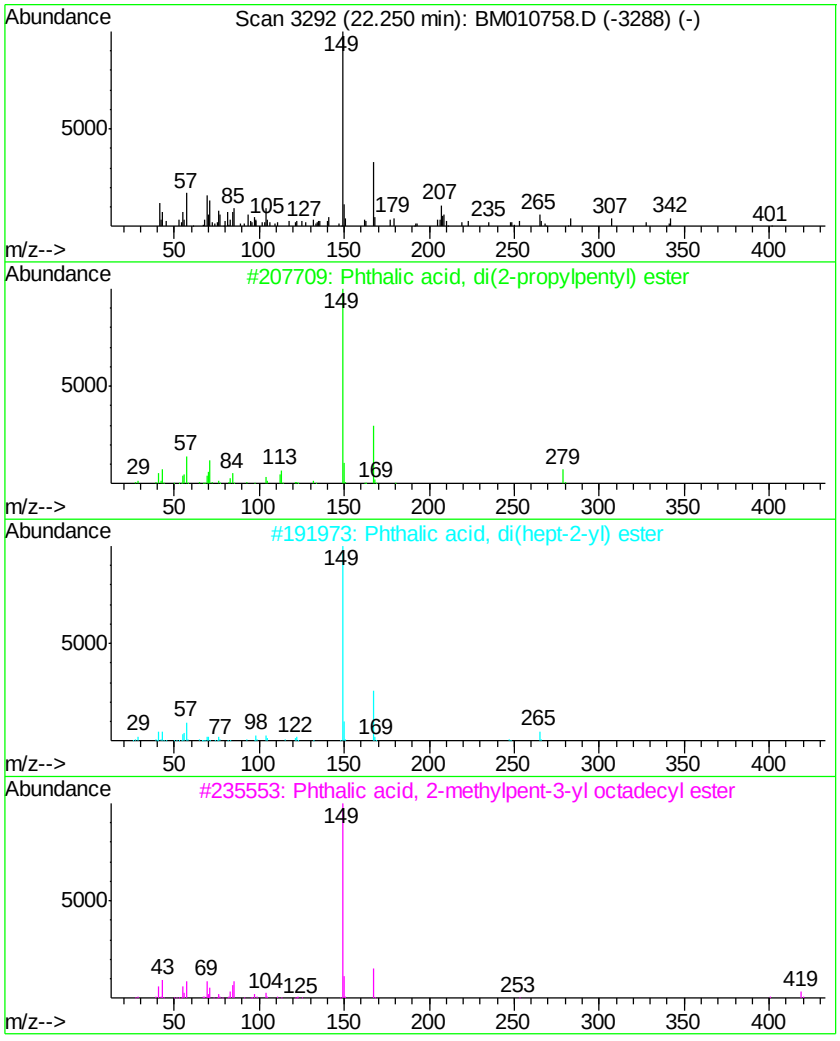
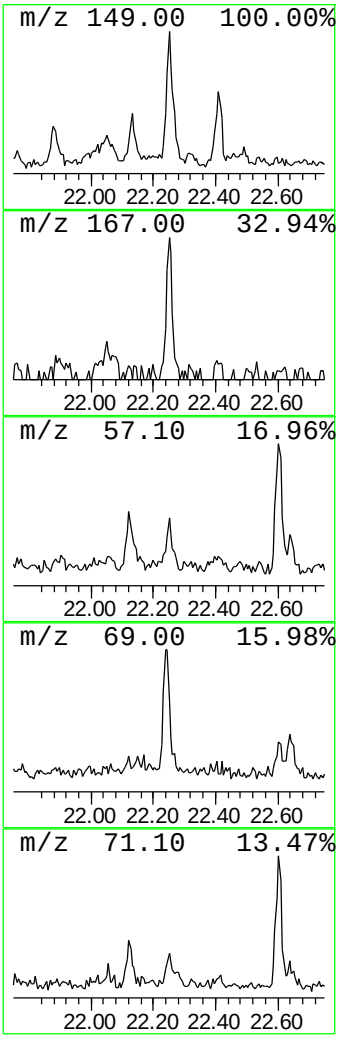
Peak Number 4 Phthalic acid, di(2-propylp... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.15 ng/ul	125691	Perylene-d12	23.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	58
2	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	53
3	Phthalic acid, 2-methylpent-3-yl...	502	C32H54O4	1000356-92-2	53
4	Phthalic acid, 2-ethylbutyl isob...	306	C18H26O4	1000356-88-9	50
5	Phthalic acid, dodecyl phenyl ester	410	C26H34O4	1000314-87-7	50





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Quant Title : SVOA CALIBRATION

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

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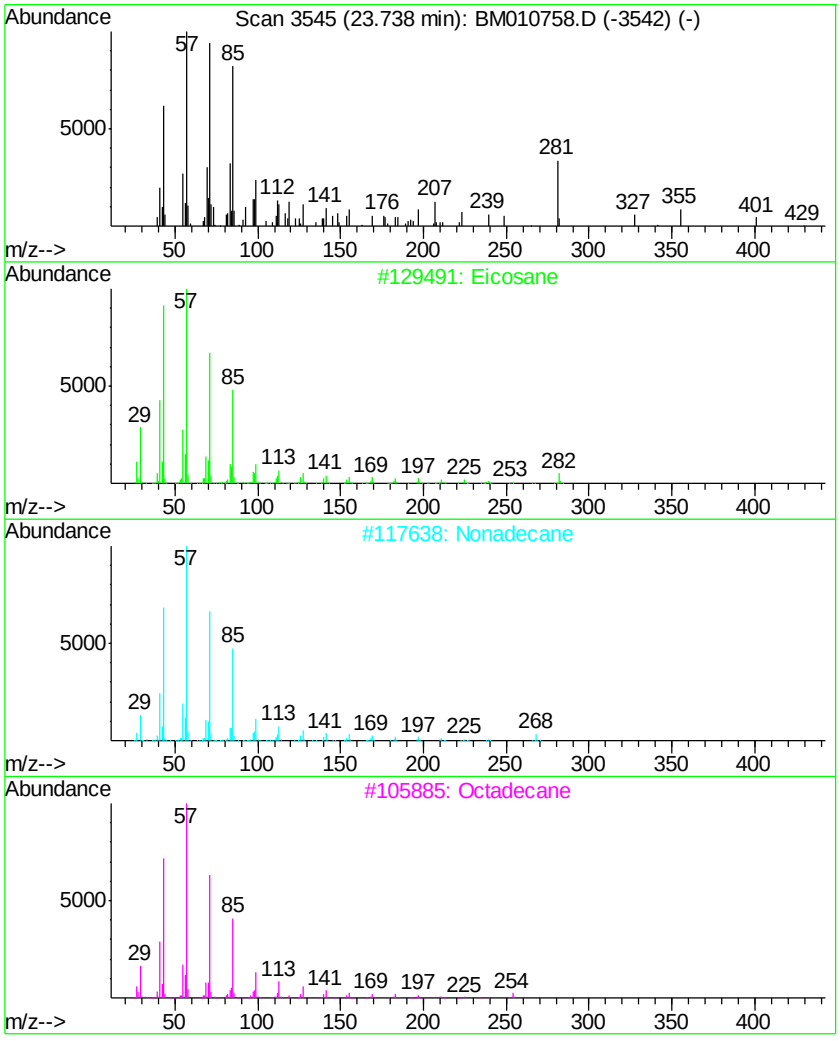
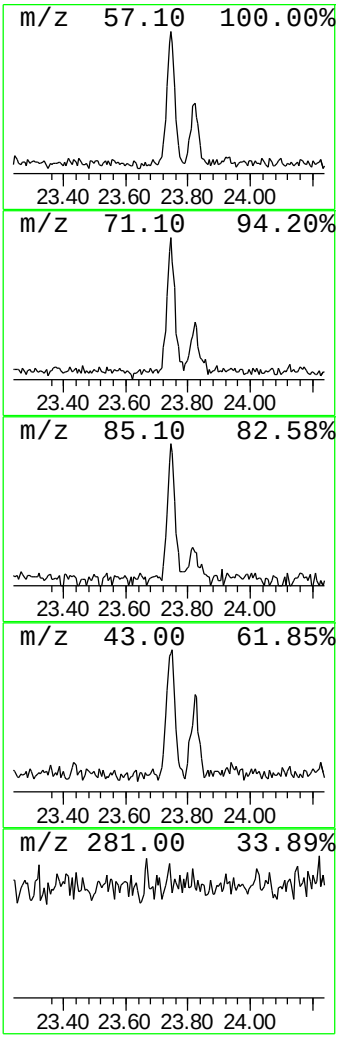
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.03 ng/ul	118900	Perylene-d12	23.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Nonadecane	268	C19H40	000629-92-5	89
3	Octadecane	254	C18H38	000593-45-3	83
4	Nonadecane	268	C19H40	000629-92-5	81
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	80





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
unknown-01	11.76	3.3	ng/ul	107297	2	10.22	649734	20.0
Tridecanoic acid	17.79	3.0	ng/ul	199777	4	16.86	1320980	20.0
(DEL) Alkane: Cyc...	20.82	2.8	ng/ul	236883	5	21.07	1694260	20.0
Phthalic acid, di...	22.25	2.1	ng/ul	125691	6	23.21	1171300	20.0
(DEL) Alkane: Str...	23.74	2.0	ng/ul	118900	6	23.21	1171300	20.0