LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015717.D
Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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	3.887	91	102	110	rBV	42338	87144	1.25%	0.092%
2	4.263	159	166	175	rBV	48197	98727	1.41%	0.104%
3	5.116	300	311	326	rBV2	92027	232785	3.33%	0.245%
4	5.275	326	338	345	rVV	73245	175427	2.51%	0.185%
5	5.345	345	350	359	rVB	72827	117197	1.68%	0.123%
6	5.893	437	443	457	rBV	51391	138748	1.98%	0.146%
7	7.469	705	711	728	rBV2	632442	1275768	18.25%	1.343%
8	7.639	734	740	748	rBV	485667	770942	11.03%	0.811%
9	7.845	769	775	789	rBV	701068	1172278	16.77%	1.234%
10	8.322	849	856	870	rBV	428086	737200	10.55%	0.776%
11	8.686	913	918	930	rVB	68718	101172	1.45%	0.106%
12	9.033	970	977	984	rBV	839309	1390303	19.89%	1.463%
13	9.098	984	988	998	rVB	53604	107287	1.53%	0.113%
14	9.510	1051	1058	1071	rBV	644836	1113450	15.93%	1.172%
15	10.233	1174	1181	1198	rBV	590465	998117	14.28%	1.050%
16	10.769	1266	1272	1289	rBV	871941	1539773	22.03%	1.620%
17	11.151	1330	1337	1344	rBV	609579	1014155	14.51%	1.067%
18	11.292	1355	1361	1375	rBV	550562	974757	13.95%	1.026%
19	11.710	1422	1432	1447	rBV	356727	788188	11.28%	0.829%
20	12.445	1550	1557	1564	rBV	222874	351481	5.03%	0.370%
21	12.933	1632	1640	1657	rBV	218736	426854	6.11%	0.449%
22	13.727	1770	1775	1782	rVB	52337	72585	1.04%	0.076%
23	14.339	1873	1879	1883	rBV	1508967	2123452	30.38%	2.235%
24	14.386	1883	1887	1901	rVB	626853	874954	12.52%	0.921%
25	14.639	1923	1930	1938	rBV	1683502	2511631	35.93%	2.643%
26	14.792	1949	1956	1961	rVB	1773112	2239242	32.04%	2.356%
27	14.945	1975	1982	1988	rBV2	866943	1402999	20.07%	1.476%
28	15.139	2009	2015	2035	rBV	589633	1073135	15.35%	1.129%
29	15.733	2112	2116	2122	rVB	80817	96562	1.38%	0.102%
30	15.927	2140	2149	2156	rBV	2105662	3103241	44.40%	3.266%
31	16.051	2164	2170	2177	rBV	714996	1031688	14.76%	1.086%
32	16.280	2203	2209	2216	rBV	1118407	1572153	22.49%	1.654%
33	16.357	2218	2222	2228	rVV3	46946	80883	1.16%	0.085%
34	16.421	2228	2233	2241	rVV6	32420	72266	1.03%	0.076%

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Sample : J3527-09
Misc :
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Instrument : BNA_M
ClientSampleId : DAXQ4

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

35	16.586	2256	2261	2267	rBV	217255	292395	4.18%	0.308%
36	17.027	2332	2336	2340	rBV3	63888	106390	1.52%	0.112%
37	17.256	2371	2375	2380	rVB2	55053	78211	1.12%	0.082%
38	17.433	2399	2405	2416	rVB2	201257	300601	4.30%	0.316%
39	17.598	2428	2433	2438	rBV4	73754	138812	1.99%	0.146%
40	17.662	2438	2444	2455	rBV	1472567	2549505	36.47%	2.683%
41	17.762	2455	2461	2469	rBV	2397078	3578109	51.19%	3.765%
42	17.833	2469	2473	2481	rVB3	73917	115829	1.66%	0.122%
43	17.974	2492	2497	2510	rVB	499544	835227	11.95%	0.879%
44	18.386	2563	2567	2573	rBV6	47069	88287	1.26%	0.093%
45	18.445	2573	2577	2582	rBV	218580	270461	3.87%	0.285%
46	18.515	2583	2589	2604	rBV	2706473	3871501	55.39%	4.074%
47	19.156	2694	2698	2703	rBV3	86683	128497	1.84%	0.135%
48	19.345	2723	2730	2738	rBV2	1558102	2187444	31.29%	2.302%
49	19.645	2778	2781	2782	rBV	64855	74361	1.06%	0.078%
50	19.756	2795	2800	2809	rBV	2036107	2636803	37.72%	2.775%
51	20.021	2839	2845	2852	rBV	3075112	4138024	59.20%	4.355%
52	20.086	2852	2856	2861	rVB	247273	278728	3.99%	0.293%
53	20.468	2917	2921	2933	rBV2	285378	482537	6.90%	0.508%
54	20.633	2946	2949	2952	rBV3	90661	111573	1.60%	0.117%
55	20.756	2967	2970	2975	rVB2	260924	318694	4.56%	0.335%
56	20.868	2986	2989	2995	rVB	171121	185221	2.65%	0.195%
57	21.356	3069	3072	3075	rVB	221935	238448	3.41%	0.251%
58	21.433	3081	3085	3092	rBV	1933045	2189028	31.32%	2.304%
59	21.774	3138	3143	3153	rVB	1666601	2225595	31.84%	2.342%
60	21.909	3164	3166	3173	rVB	231202	281479	4.03%	0.296%
61	22.327	3234	3237	3238	rBV	420441	420646	6.02%	0.443%
62	22.350	3238	3241	3250	rVB	1036986	1502228	21.49%	1.581%
63	22.668	3292	3295	3306	rVB2	210970	402969	5.77%	0.424%
64	22.850	3322	3326	3332	rVB	596134	869009	12.43%	0.915%
65	22.962	3340	3345	3353	rVB	5041571	6989882	100.00%	7.356%
66	23.362	3408	3413	3418	rBV	549603	843311	12.06%	0.887%
67	23.785	3481	3485	3493	rVB2	224012	391176	5.60%	0.412%
68	24.033	3520	3527	3537	rVB3	2413585	4881829	69.84%	5.137%
69	24.185	3547	3553	3562	rVB2	1011632	2080736	29.77%	2.190%
70	24.674	3632	3636	3643	rVB2	286685	556436	7.96%	0.586%
71	24.774	3648	3653	3667	rVB3	511604	1296429	18.55%	1.364%

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Misc :
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Instrument : BNA_M
ClientSampleId : DAXQ4

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

72	25.209	3721	3727	3738	rVV4	540367	1684252	24.10%	1.772%
73	25.327	3739	3747	3757	rVB	2602675	5990068	85.70%	6.304%
74	25.532	3776	3782	3797	rVB3	1283991	3638999	52.06%	3.830%
75	26.785	3987	3995	4006	rVB2	945882	2798744	40.04%	2.945%
76	27.468	4104	4111	4131	rVB3	839917	3109615	44.49%	3.272%

Sum of corrected areas: 95024633

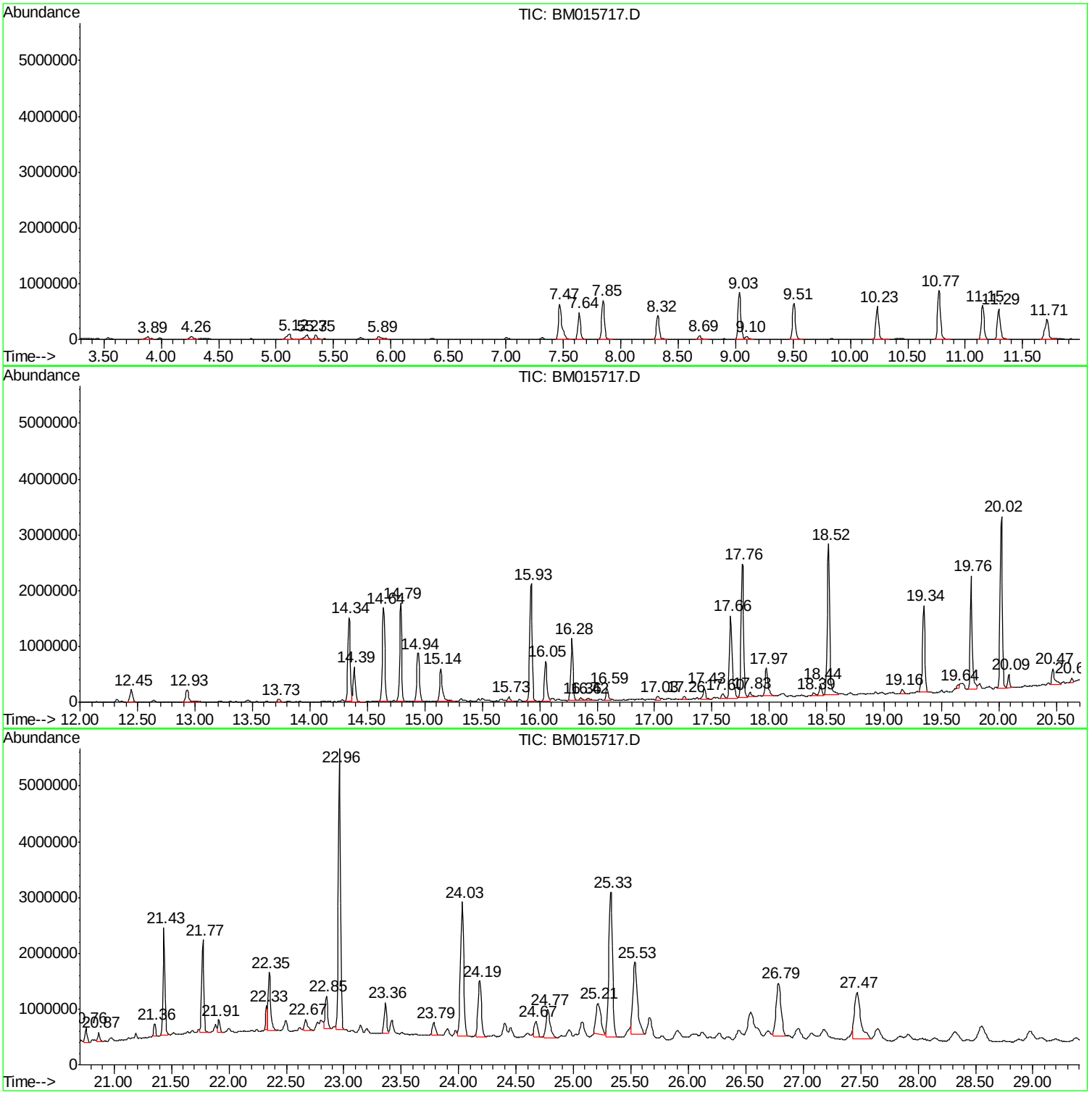
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015717.D
Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015717.D
Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

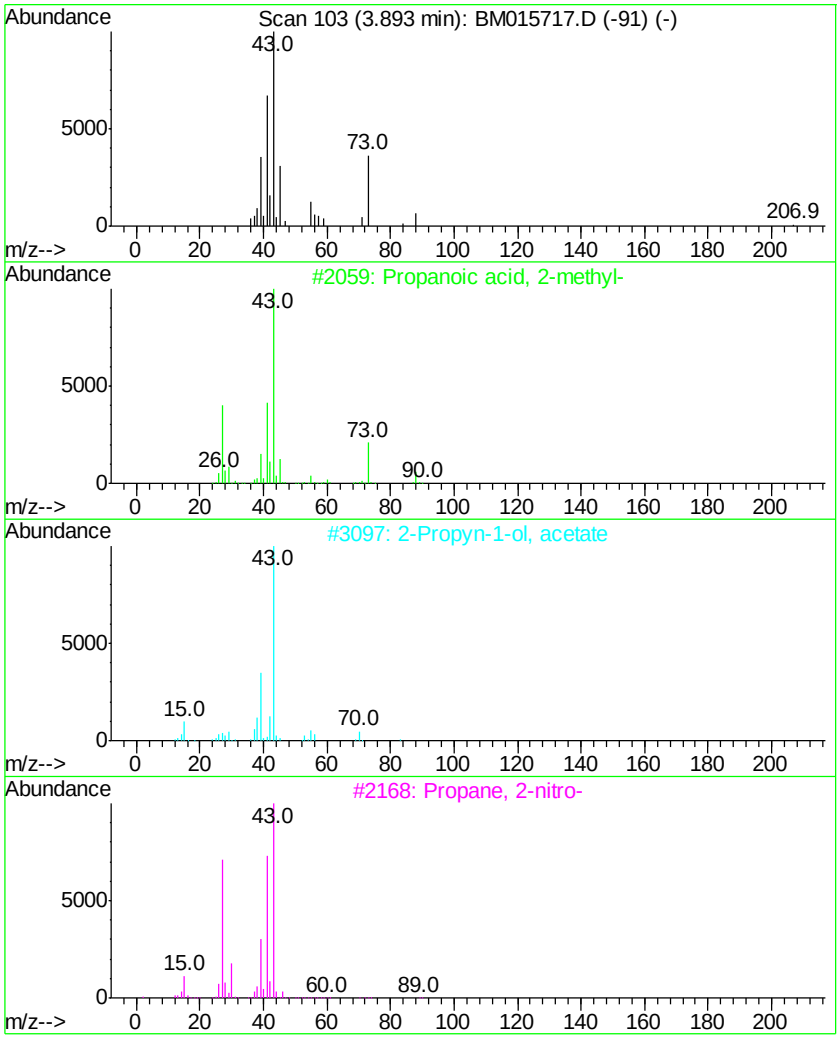
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

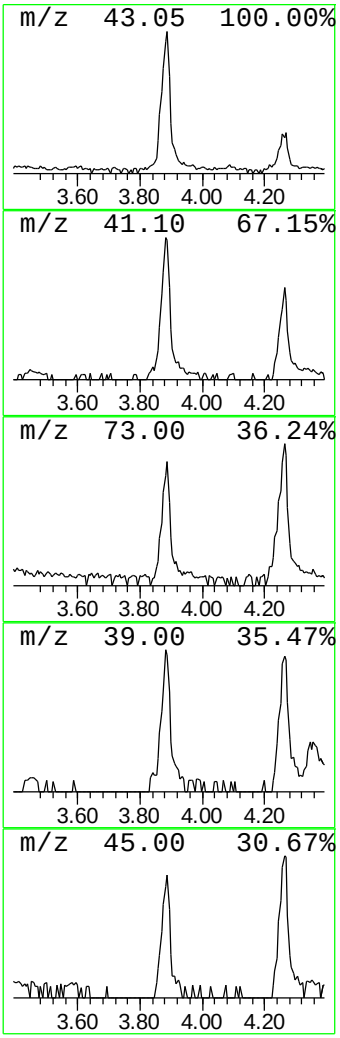
****

Peak Number 1 unknown-01 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	2.36 ng/ul	87144	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	37
2	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	12
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	10
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	10
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015717.D
Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

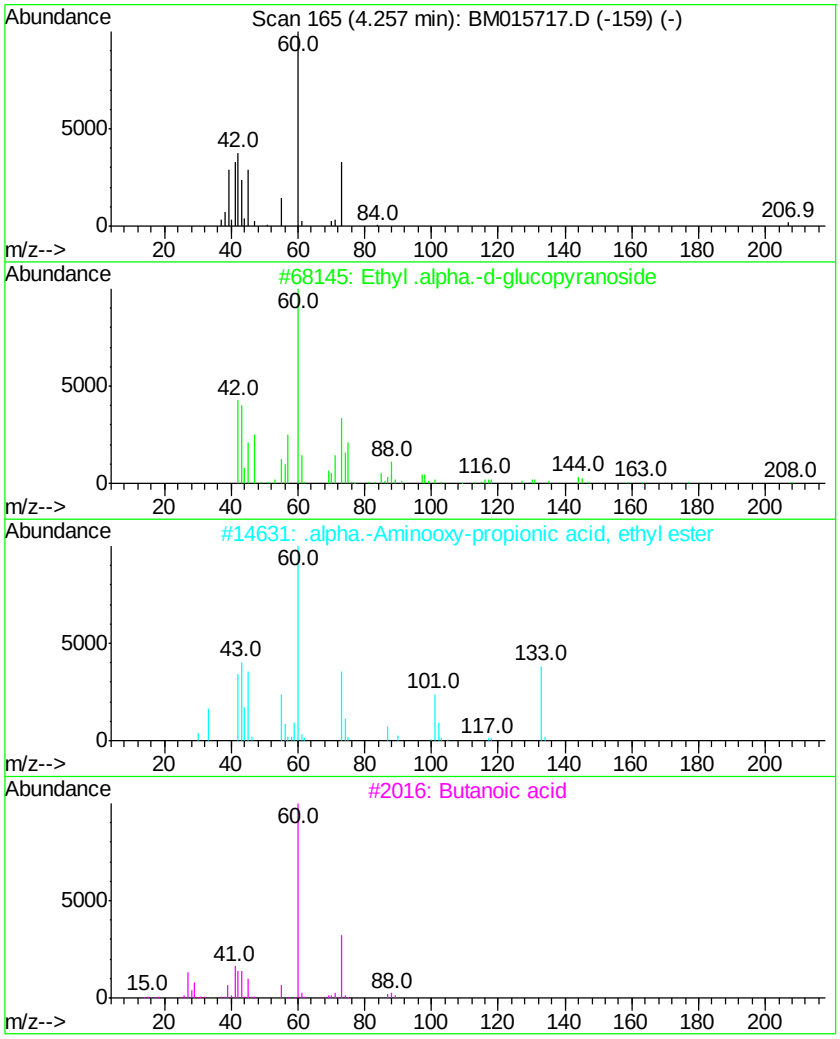
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

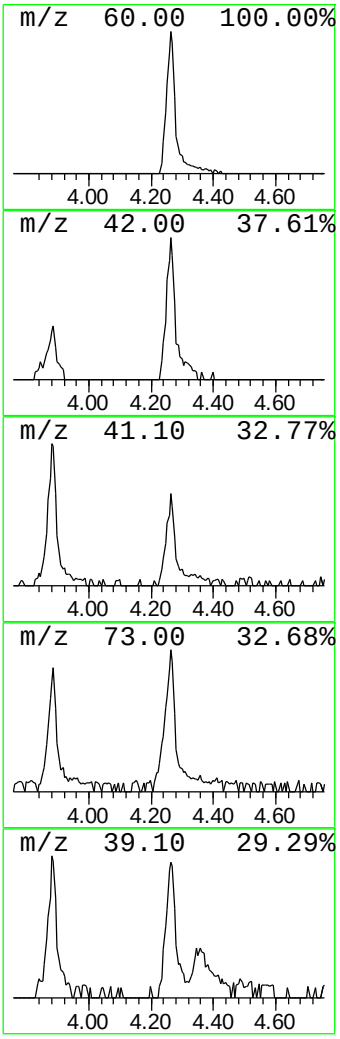
****

Peak Number 2 unknown-02 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.68 ng/ul	98727	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl .alpha.-d-glucopyranoside	208	C8H16O6	1000127-29-4	43
2	.alpha.-Aminooxy-propionic acid,...	133	C5H11NO3	005766-86-9	40
3	Butanoic acid	88	C4H8O2	000107-92-6	33
4	5-Hexenoic acid	114	C6H10O2	001577-22-6	9
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	7





Library Search Compound Report

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Data File : BM015717.D
Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

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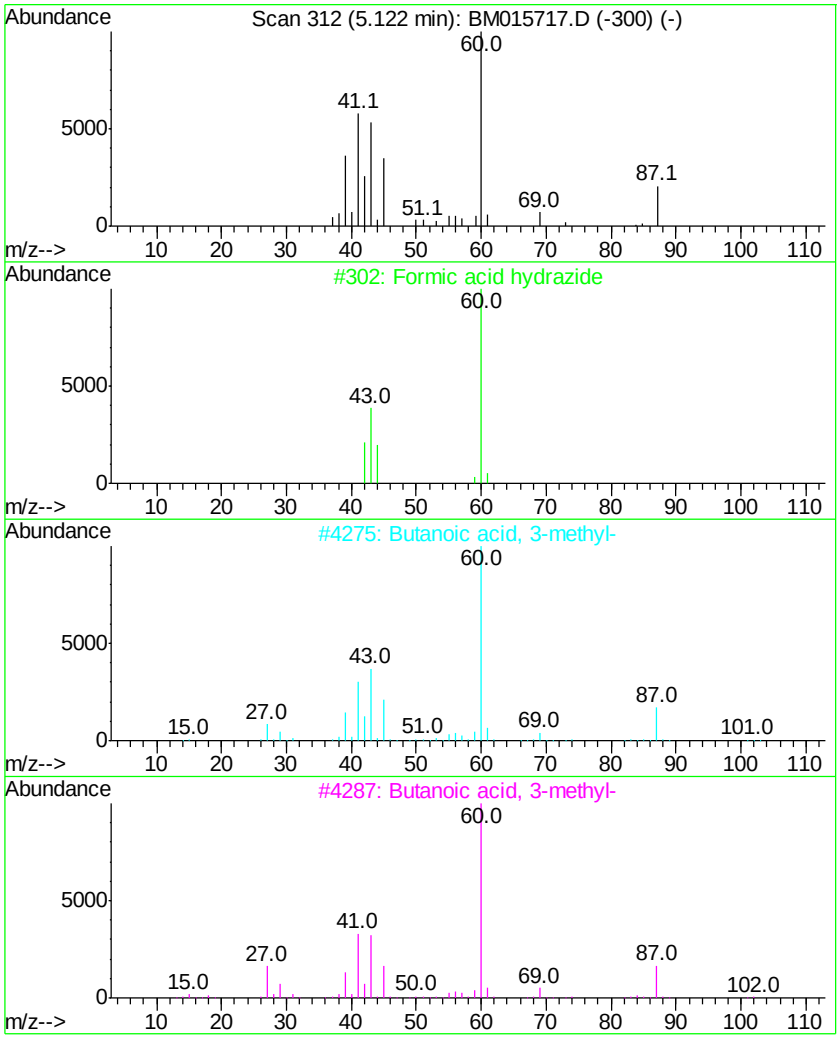
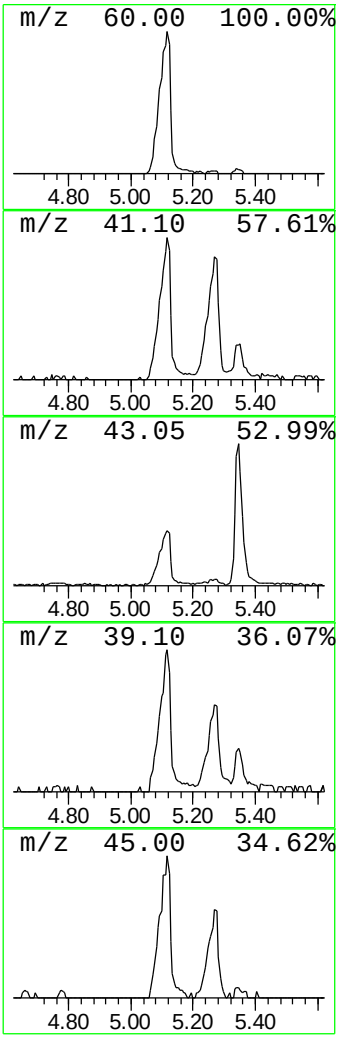
Peak Number 3 Formic acid hydrazide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	6.32 ng/ul	232785	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid hydrazide	60	CH4N2O	000624-84-0	53
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	38
5	Benserazide	257	C10H15N3O5	000322-35-0	32





Library Search Compound Report

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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

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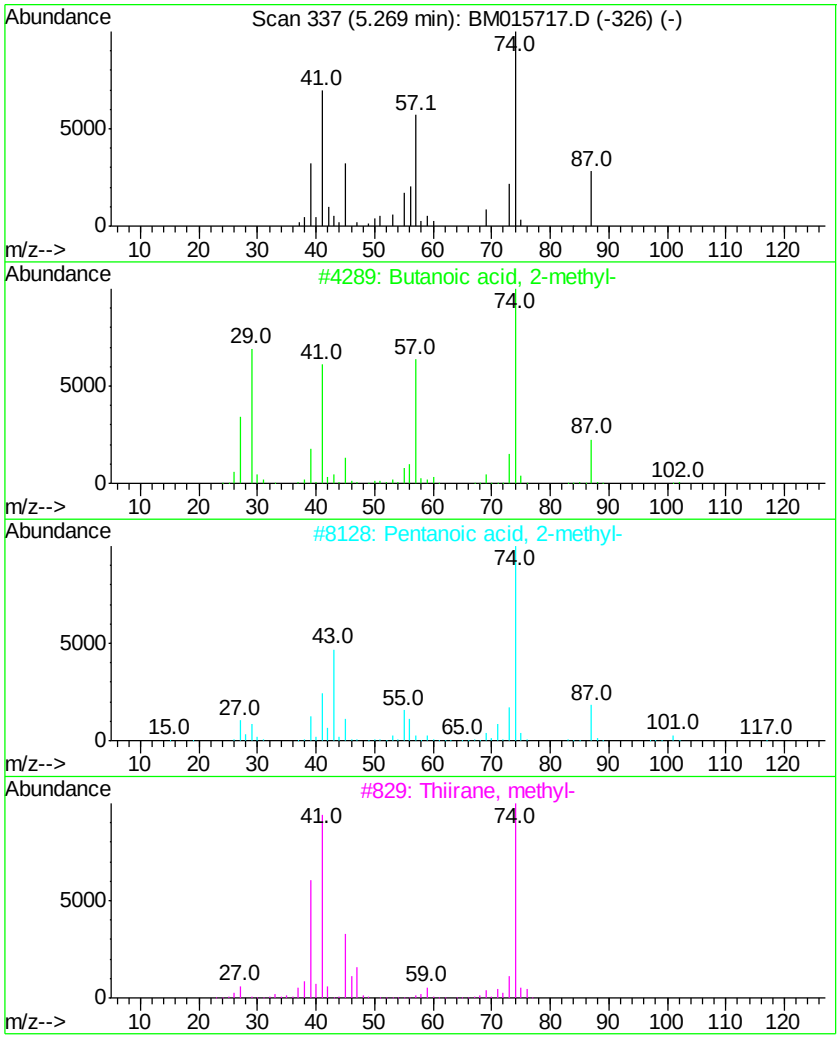
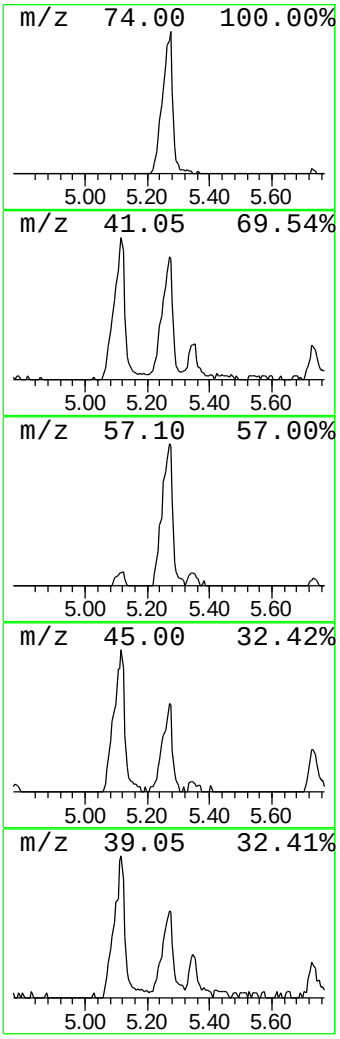
Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	4.76 ng/ul	175427	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	56
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56
3	Thiirane, methyl-	74	C3H6S	001072-43-1	50
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	45
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	40





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

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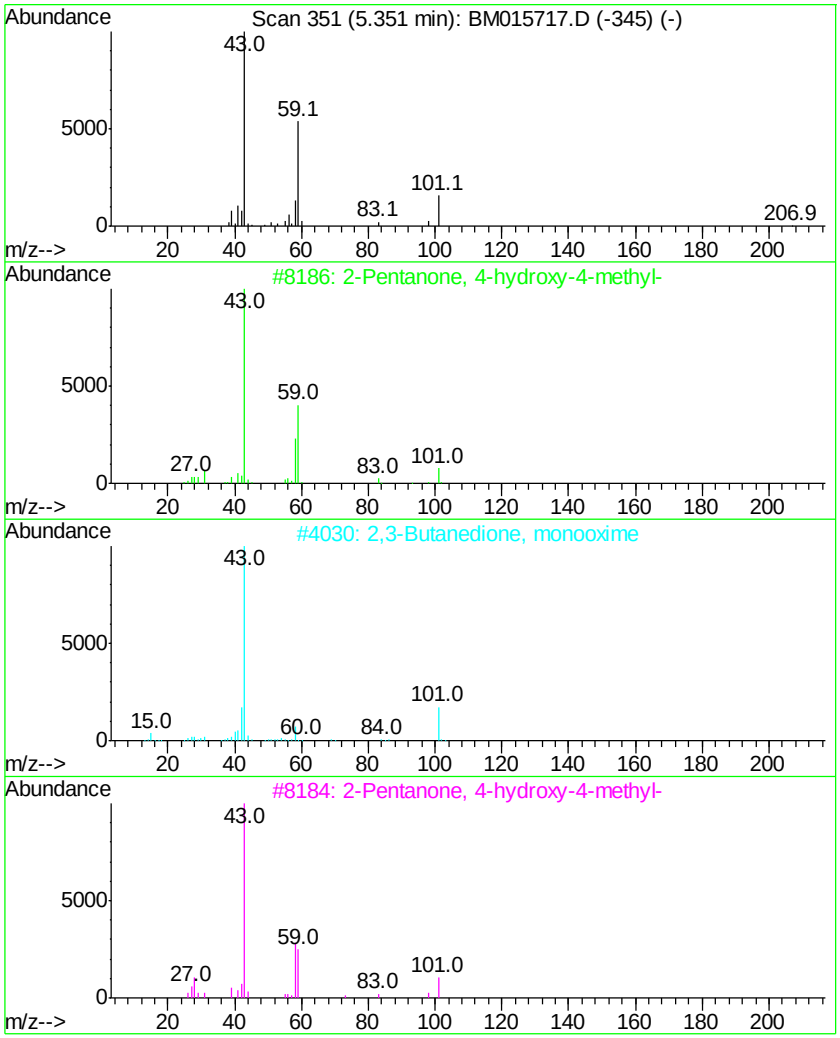
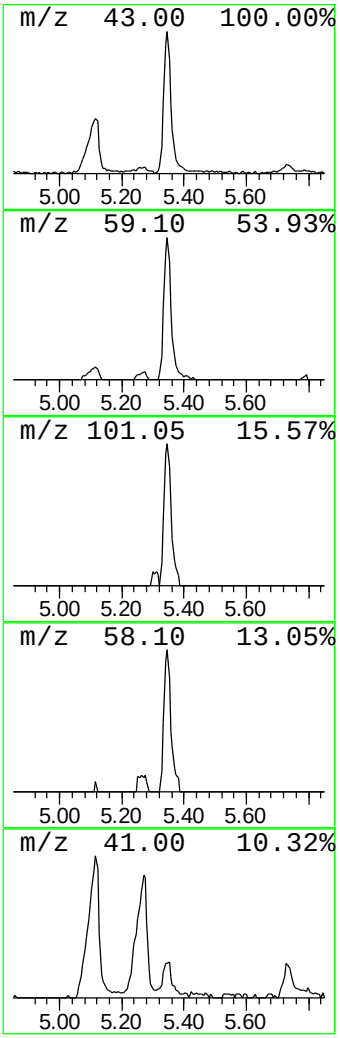
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	3.18 ng/ul	117197	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

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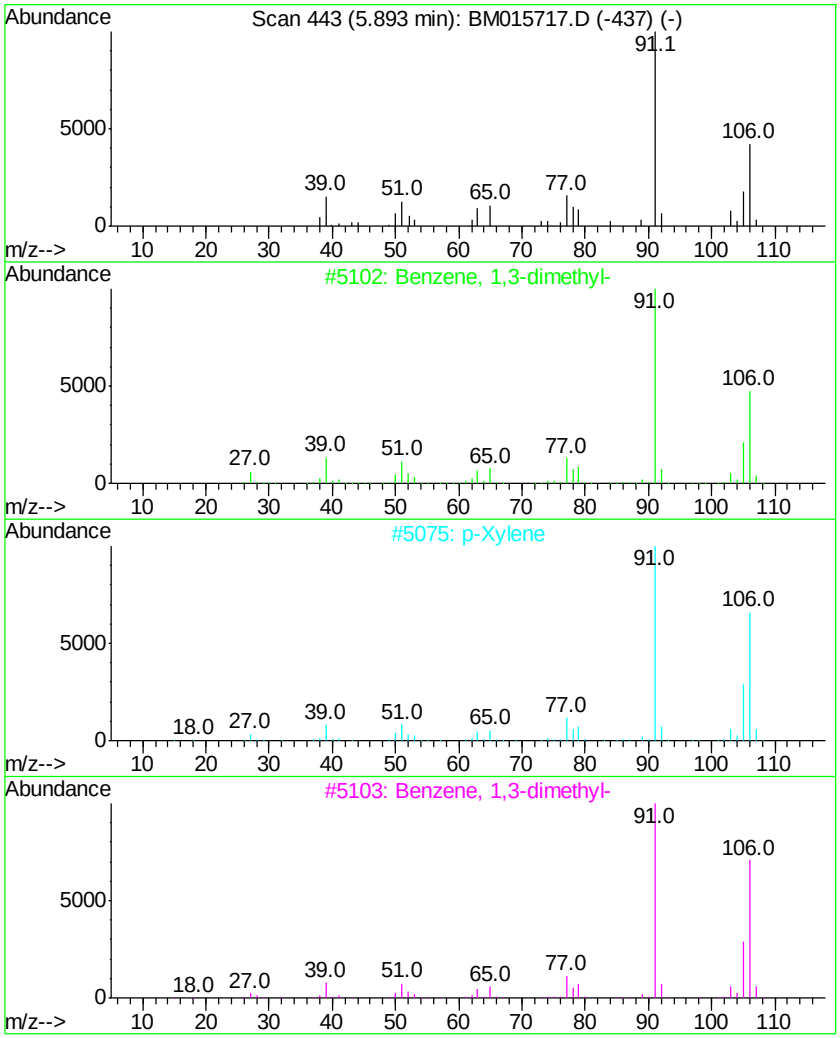
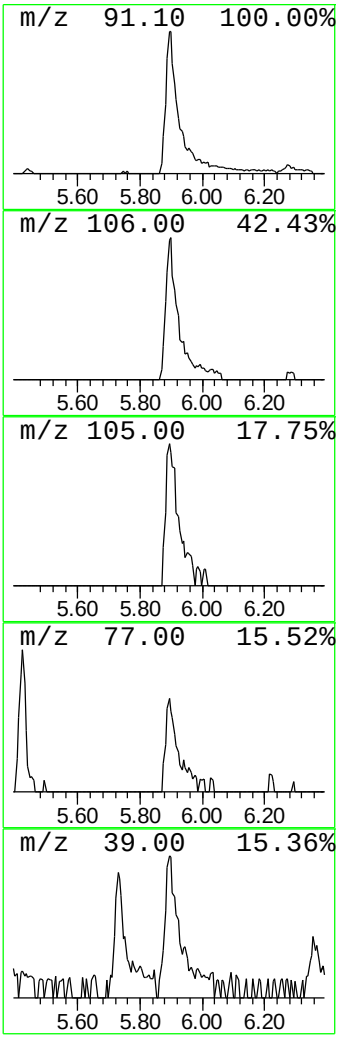
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	3.76 ng/ul	138748	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	o-Xylene	106	C8H10	000095-47-6	94
5	p-Xylene	106	C8H10	000106-42-3	94





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Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
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Instrument : BNA_M
ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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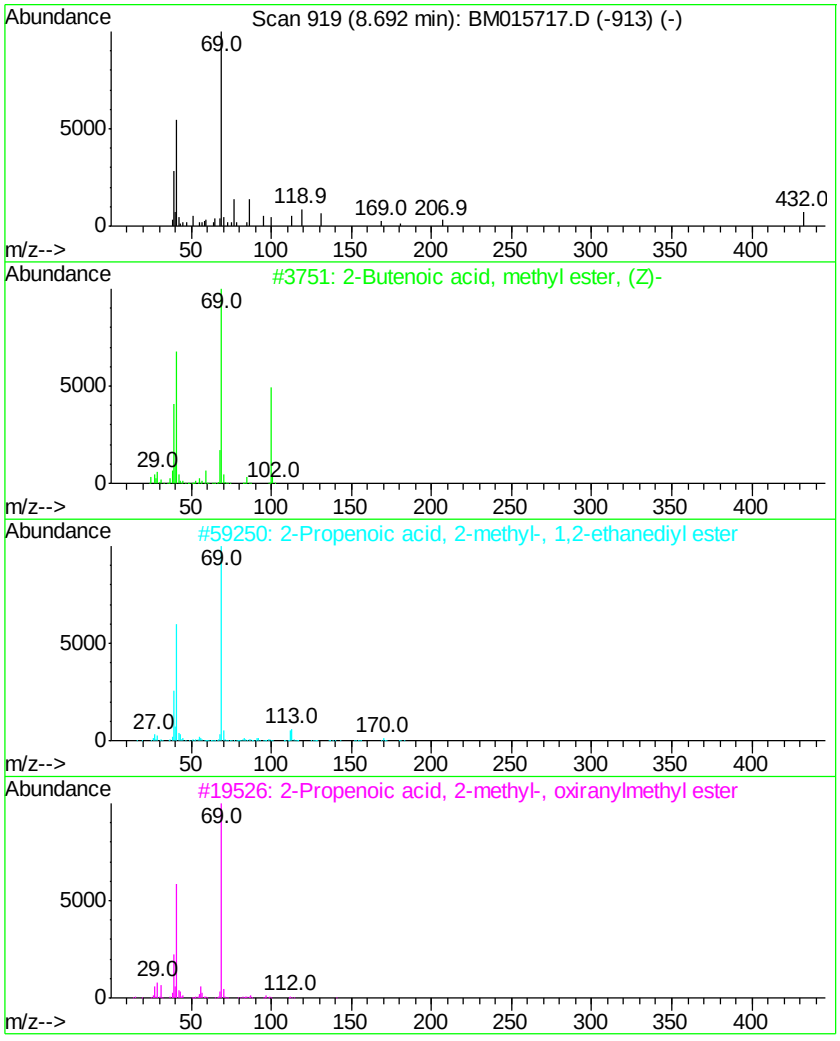
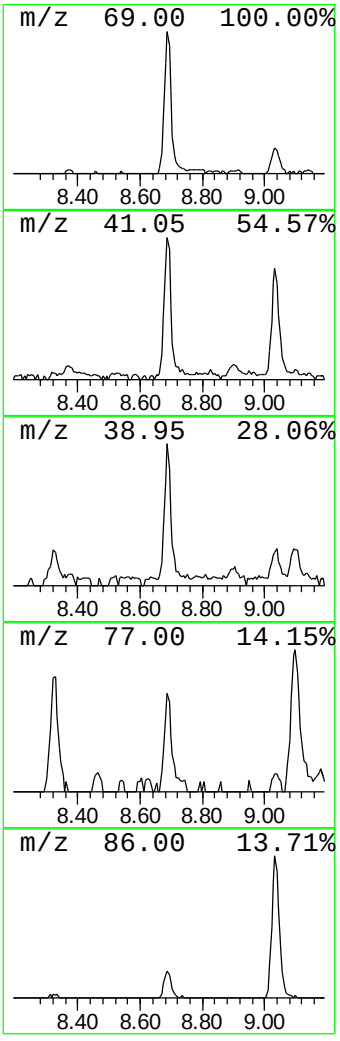
Peak Number 7 2-Butenoic acid, methyl est... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.74 ng/ul	101172	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, methyl ester, (Z)-	100	C5H8O2	004358-59-2	50
2	2-Propenoic acid, 2-methyl-, 1,2...	198	C10H14O4	000097-90-5	40
3	2-Propenoic acid, 2-methyl-, oxi...	142	C7H10O3	000106-91-2	38
4	2-Propenoic acid, 2-methyl-, 1,2...	286	C14H22O6	000109-16-0	36
5	1,5-Di(propoxycarbonyloxy)pentane	276	C13H24O6	1000331-39-5	36





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Instrument : BNA_M
ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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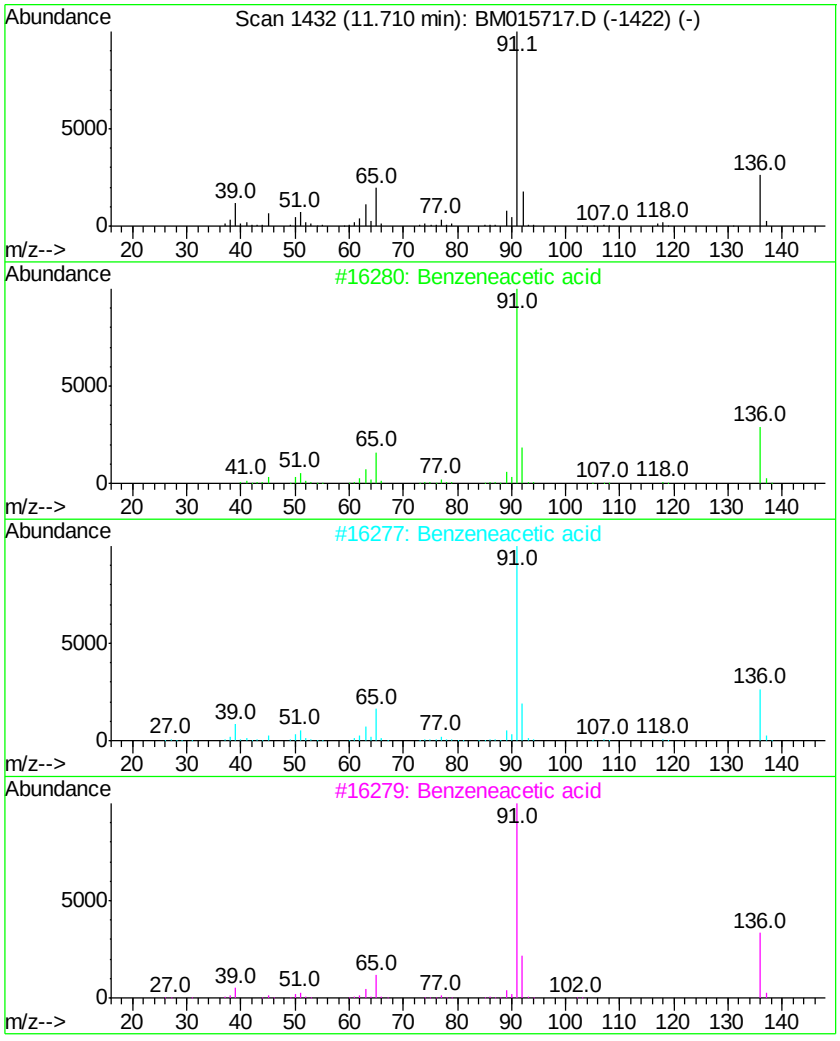
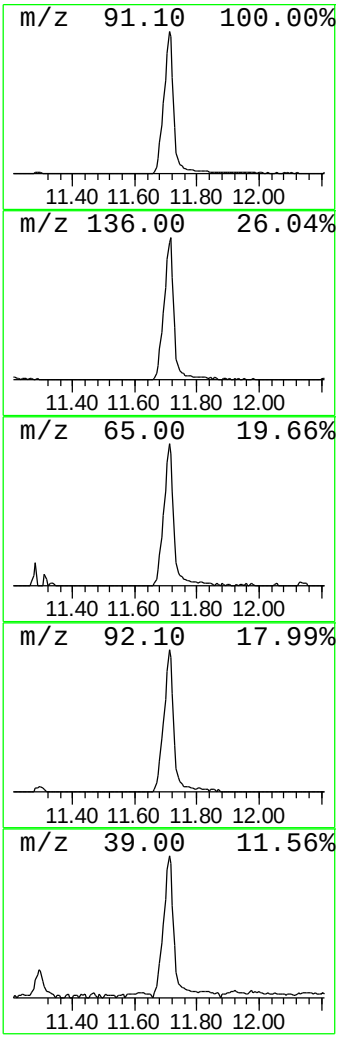
Peak Number 8 Benzeneacetic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	15.54 ng/ul	788188	Naphthalene-d8	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	87
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	86
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	53





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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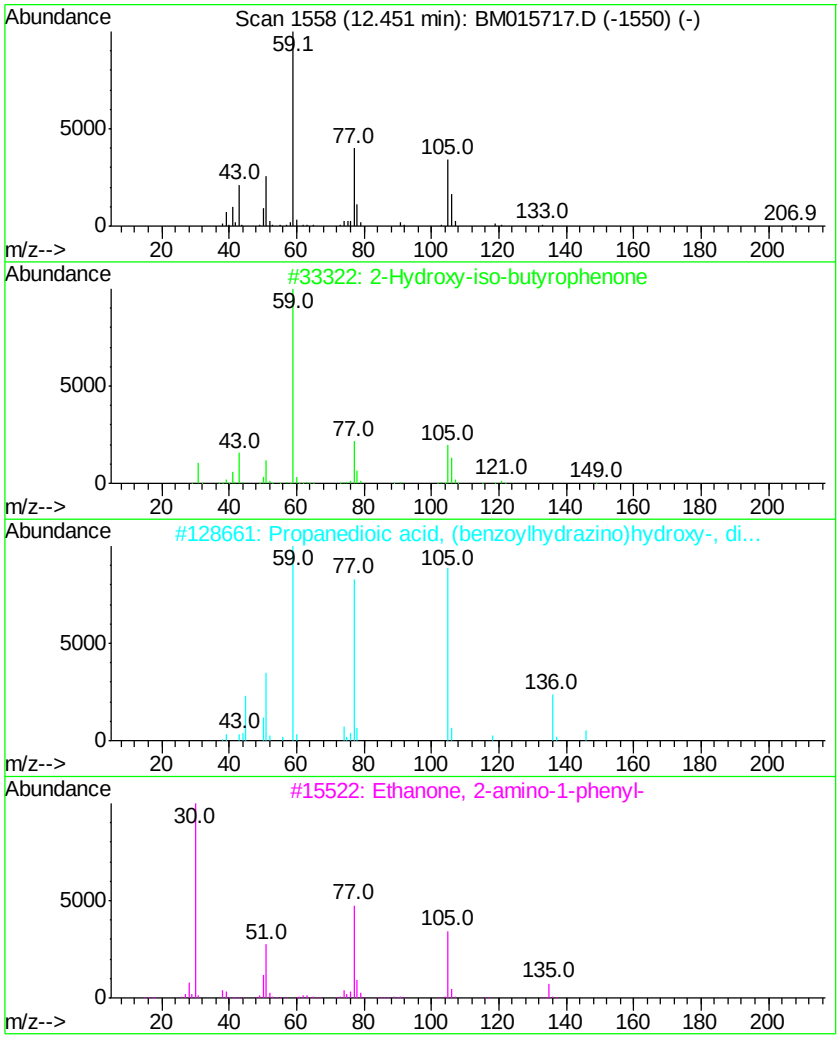
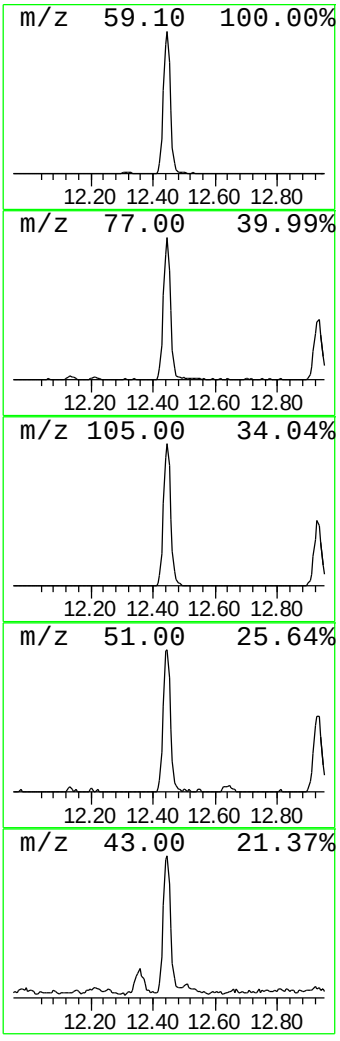
Peak Number 9 2-Hydroxy-iso-butyrophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	6.93 ng/ul	351481	Naphthalene-d8	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	50
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	28
3	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	25
4	1-Hexen-4-ol, 1-chloro-3-methyl-	148	C7H13ClO	1000153-35-0	12
5	Hexanamide	115	C6H13NO	000628-02-4	9





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ClientSampleId : DAXQ4

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TIC Library : C:\Database\NIST11.L
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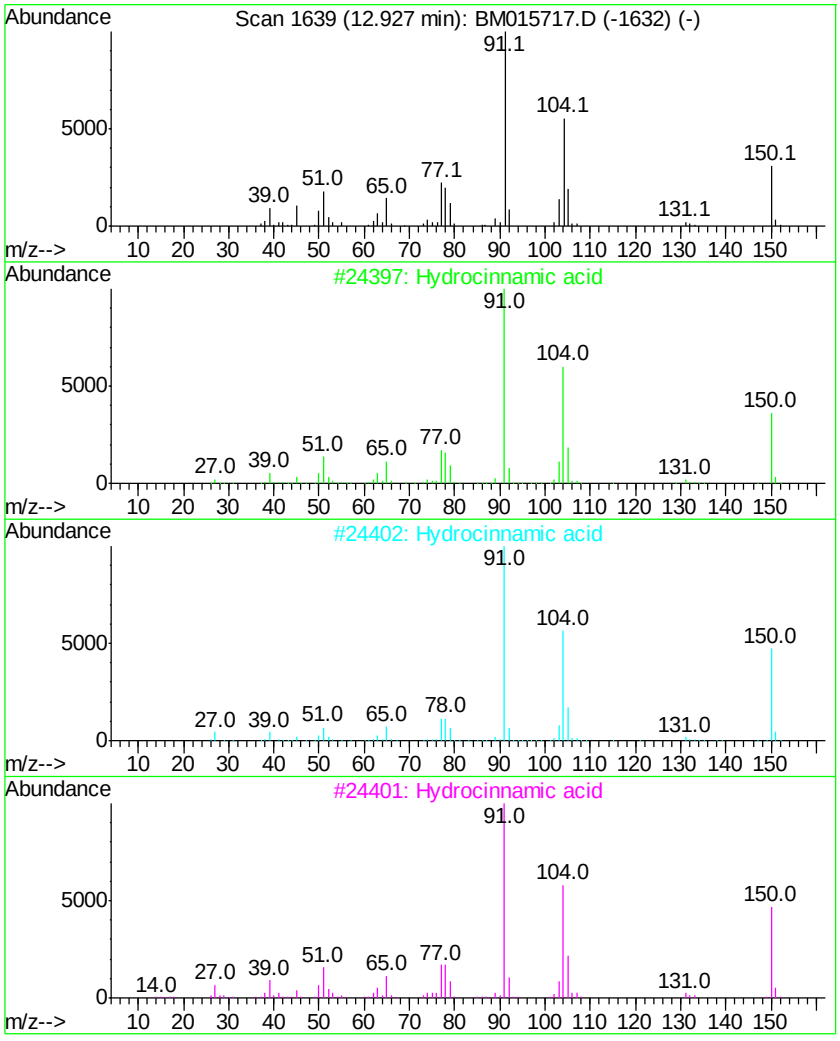
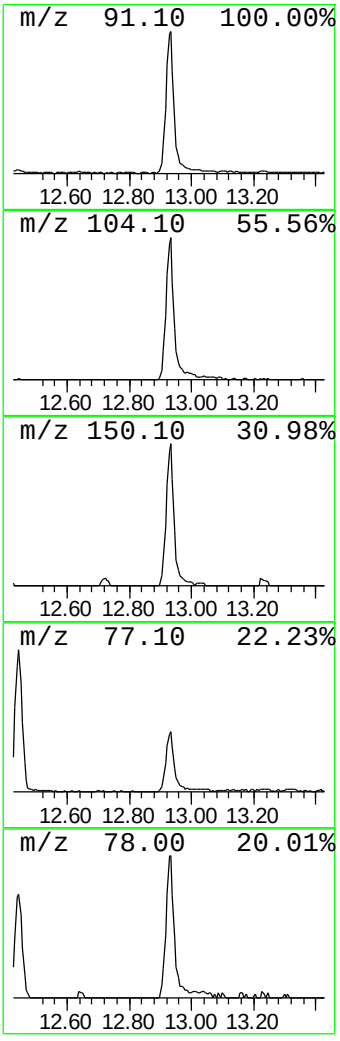
Peak Number 10 Hydrocinnamic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	8.42 ng/ul	426854	Naphthalene-d8	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	81
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	76
5	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	72





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ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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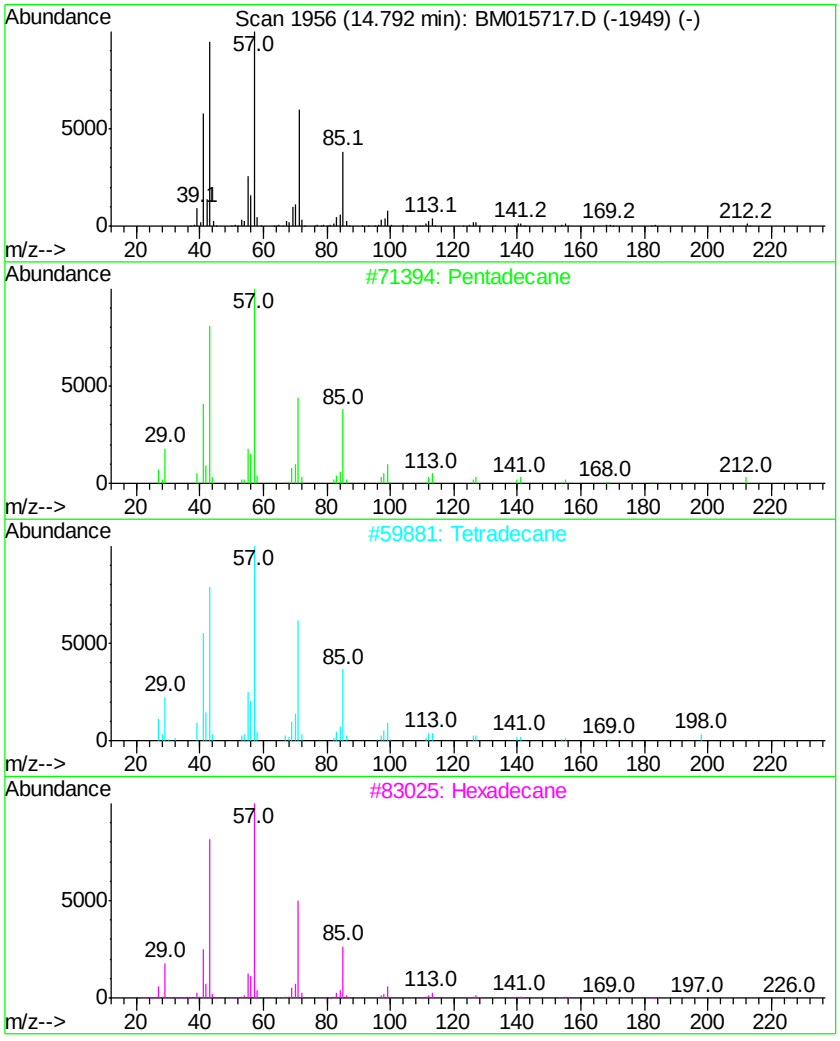
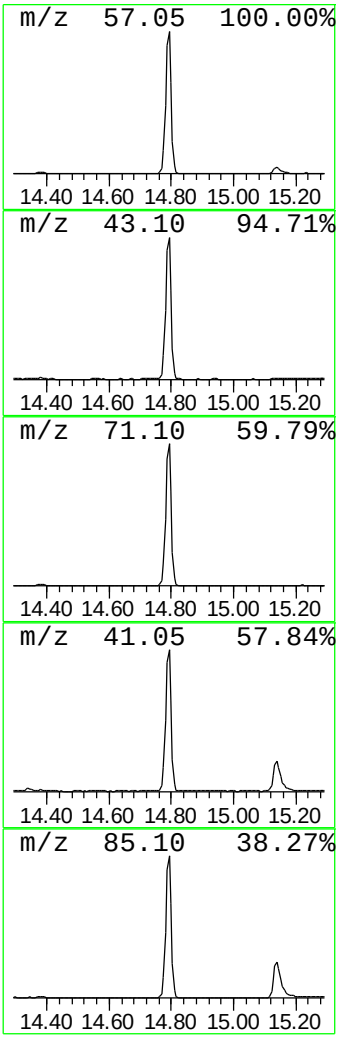
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	31.92 ng/ul	2239240	Acenaphthene-d10	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Hexadecane	226	C16H34	000544-76-3	87
5	Tetradecane	198	C14H30	000629-59-4	86





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Quant Title : SVOA CALIBRATION

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

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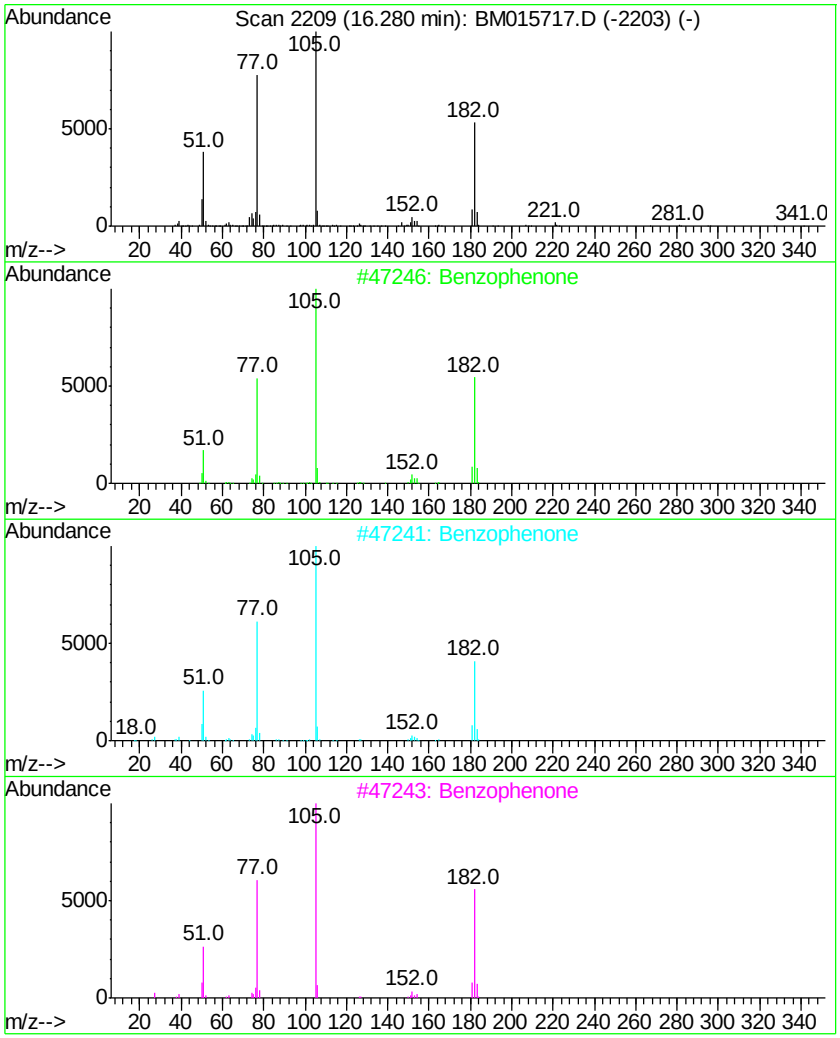
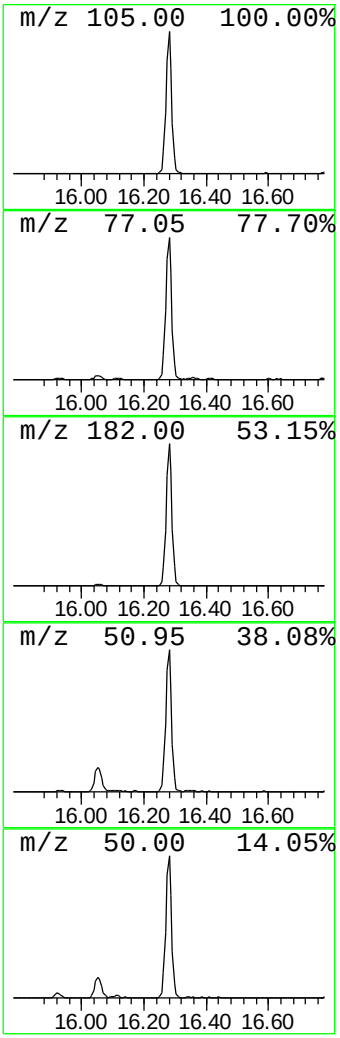
Peak Number 12 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	22.41 ng/ul	1572150	Acenaphthene-d10	14.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Bicyclo[3.2.1]octane-6-carboxyli...	182	C10H14O3	1000362-16-3	90





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Quant Title : SVOA CALIBRATION

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

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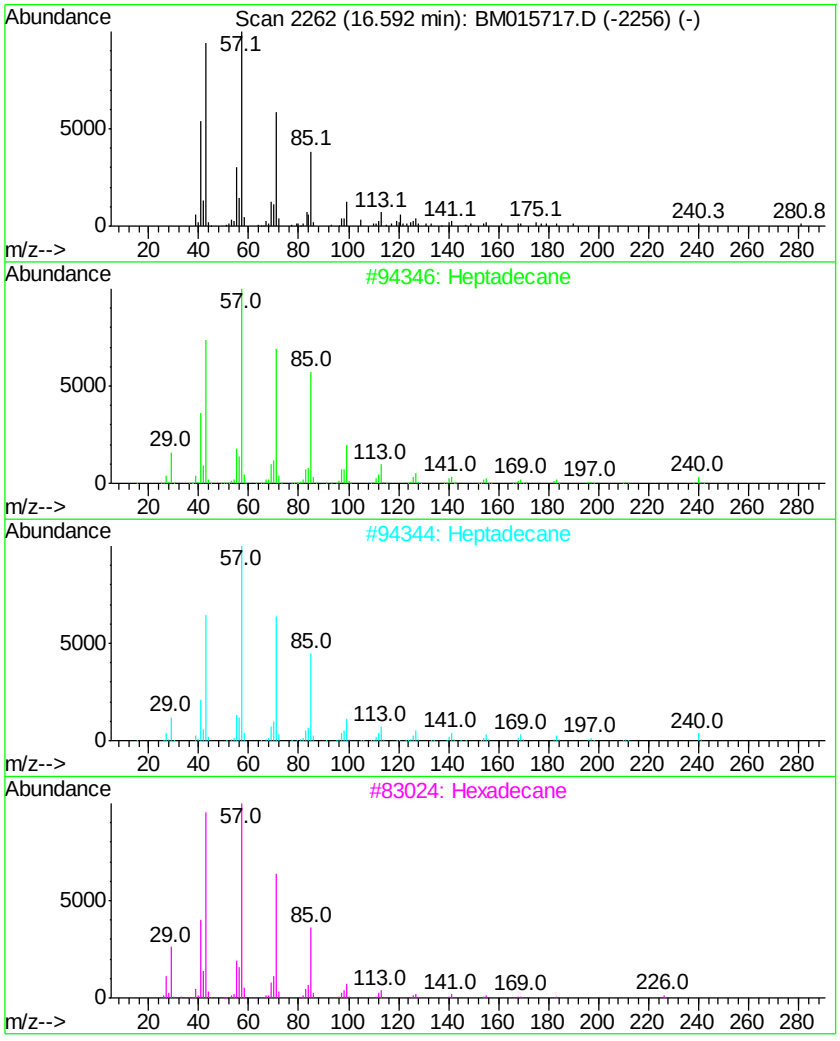
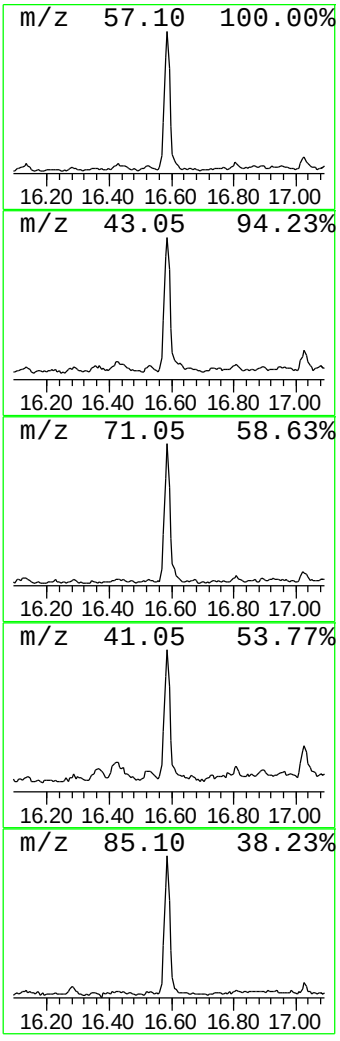
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	2.29 ng/ul	292395	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





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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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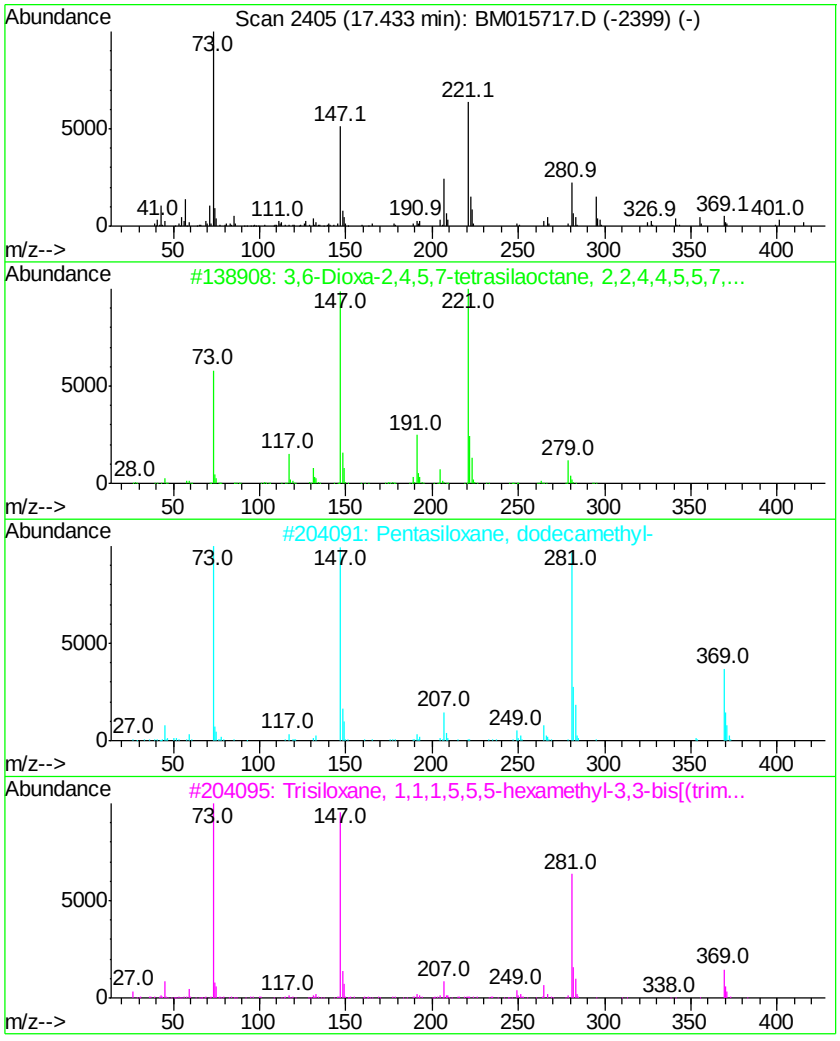
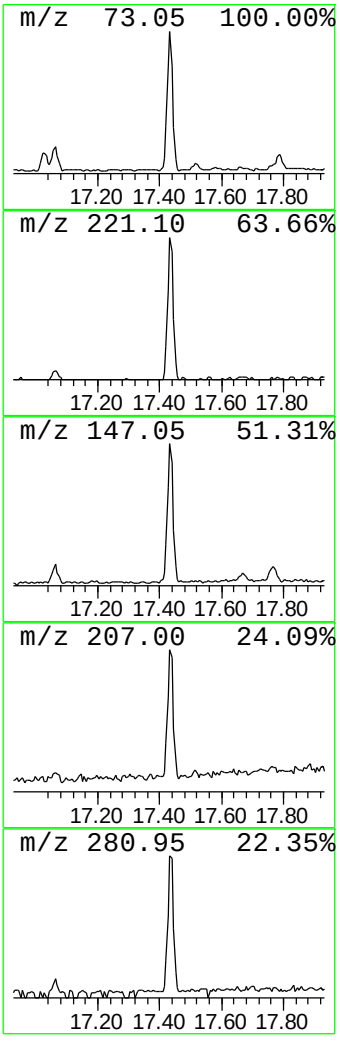
Peak Number 14 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	2.36 ng/ul	300601	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	50
2	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	35
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	30
4	2-(2,6,6-Trimethylcyclohex-1-eny...	222	C14H22O2	1000185-64-1	27
5	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	22





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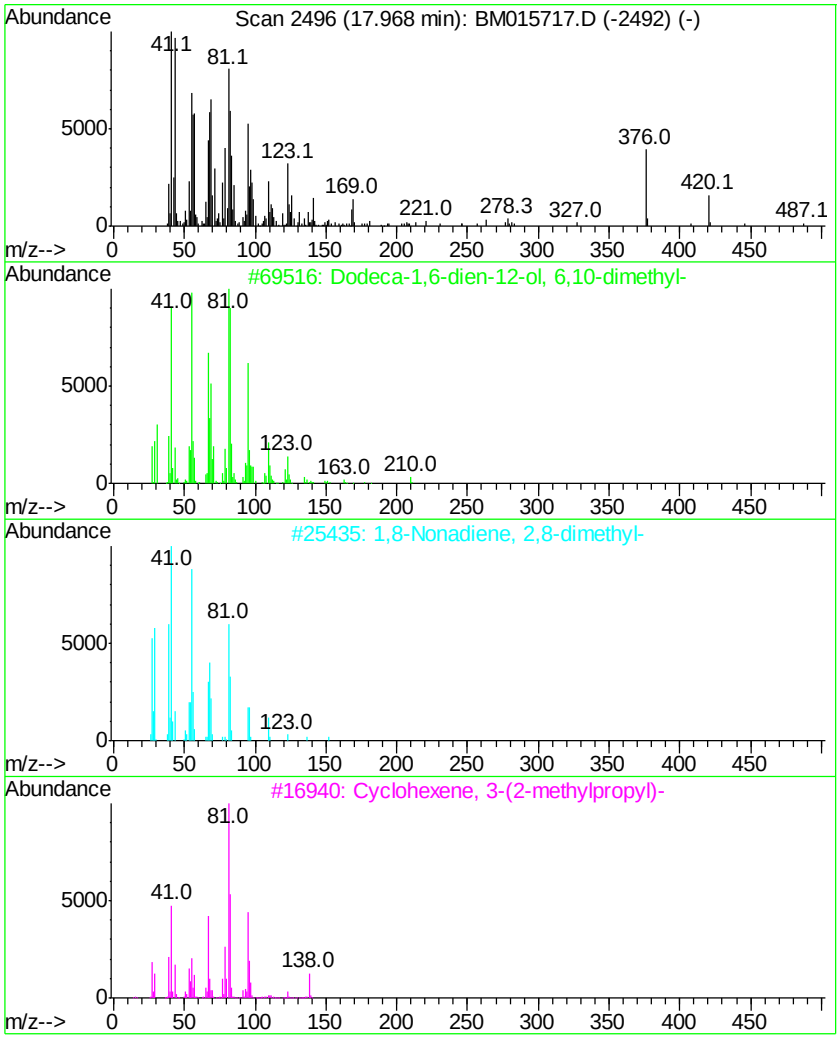
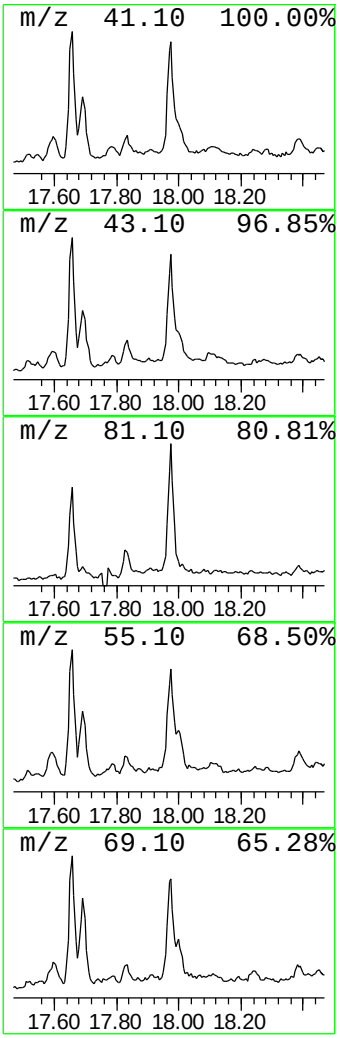
Peak Number 15 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.55 ng/ul	835227	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	47
2	1,8-Nonadiene, 2,8-dimethyl-	152	C11H20	020054-25-5	43
3	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	43
4	Cyclohexene,3-butyl-	138	C10H18	003983-07-1	38
5	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	38





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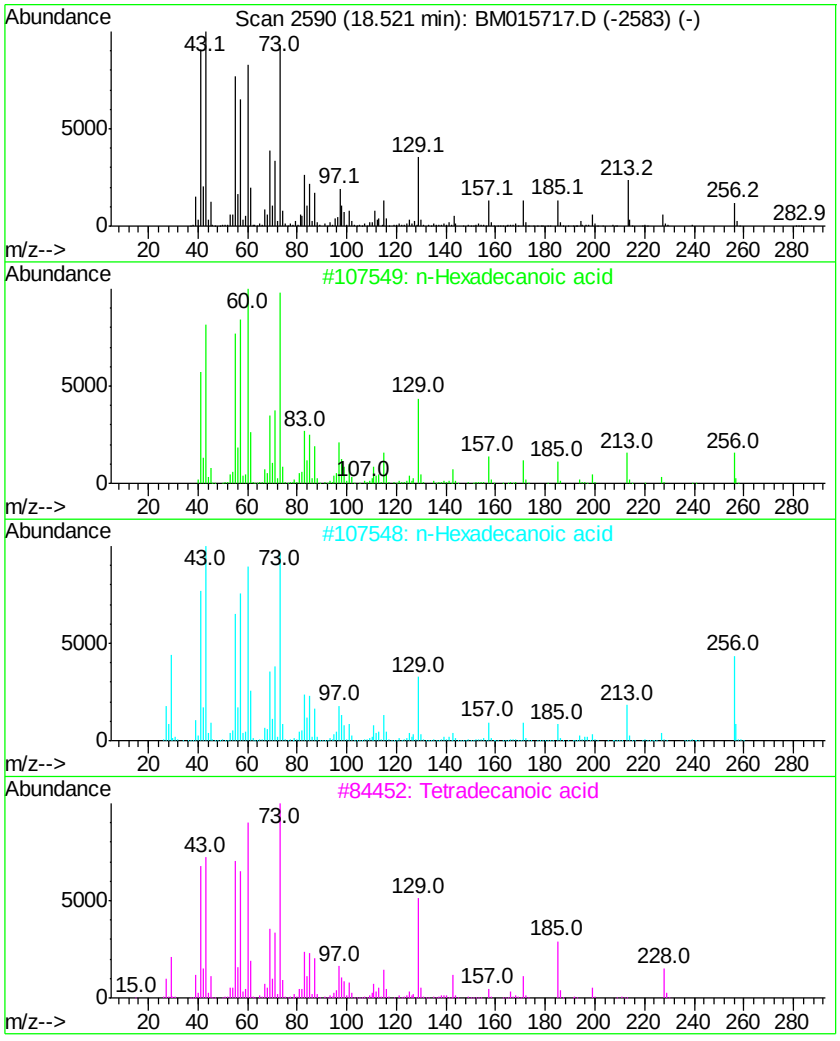
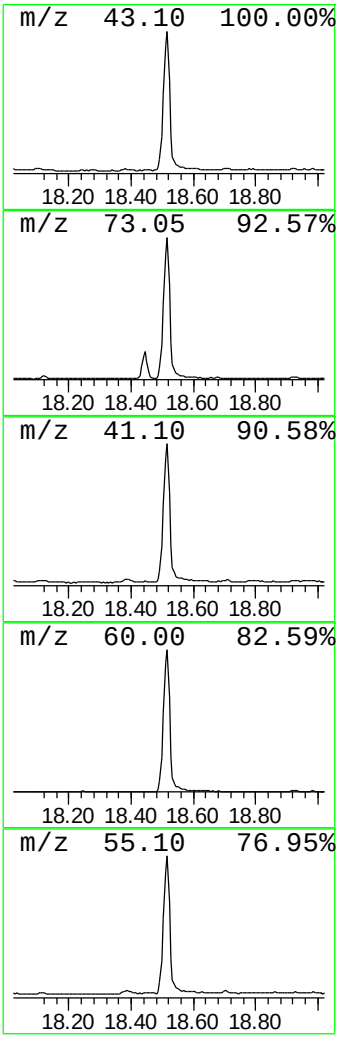
Peak Number 17 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	30.37 ng/ul	3871500	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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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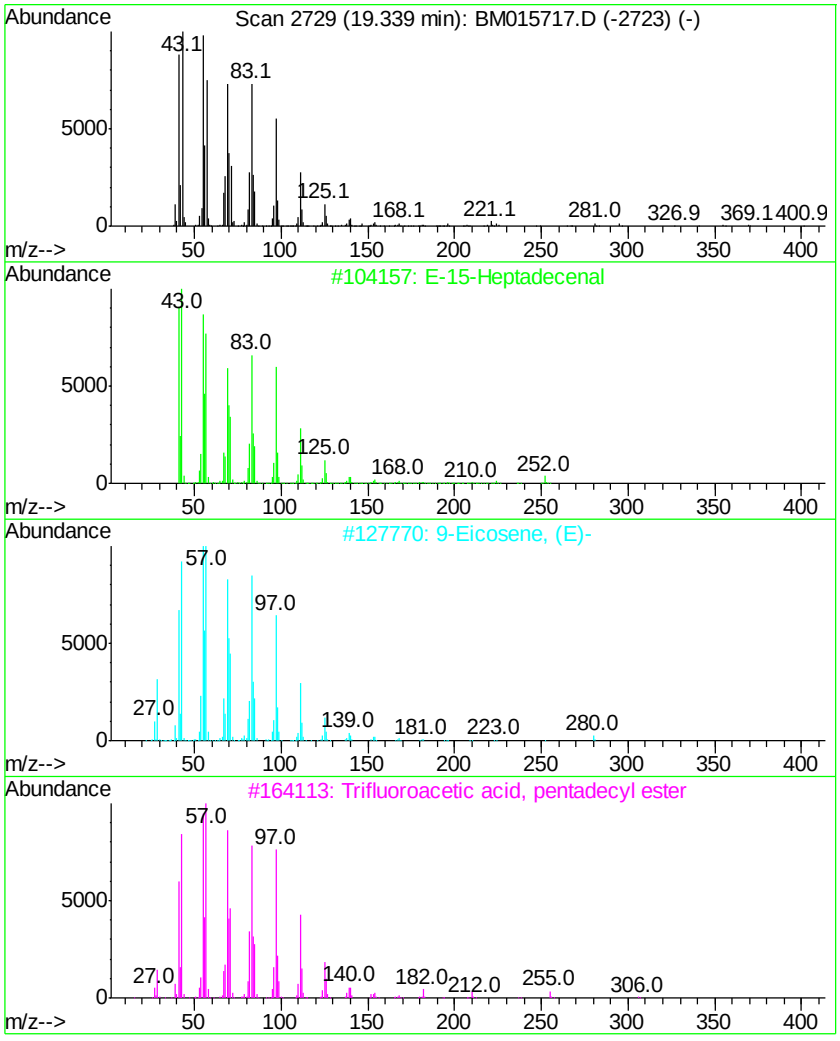
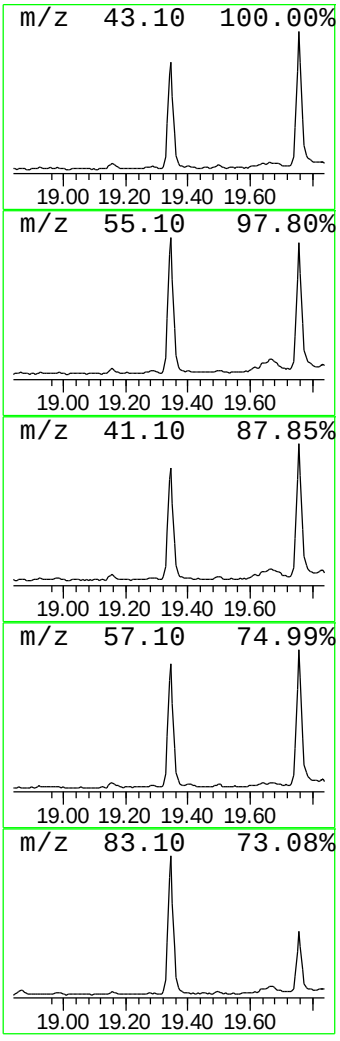
Peak Number 18 E-15-Heptadecenal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	17.16 ng/ul	2187440	Phenanthrene-d10	17.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	99
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Cyclopentadecane	210	C15H30	000295-48-7	94
5	1-Hexadecanol	242	C16H34O	036653-82-4	94





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Quant Title : SVOA CALIBRATION

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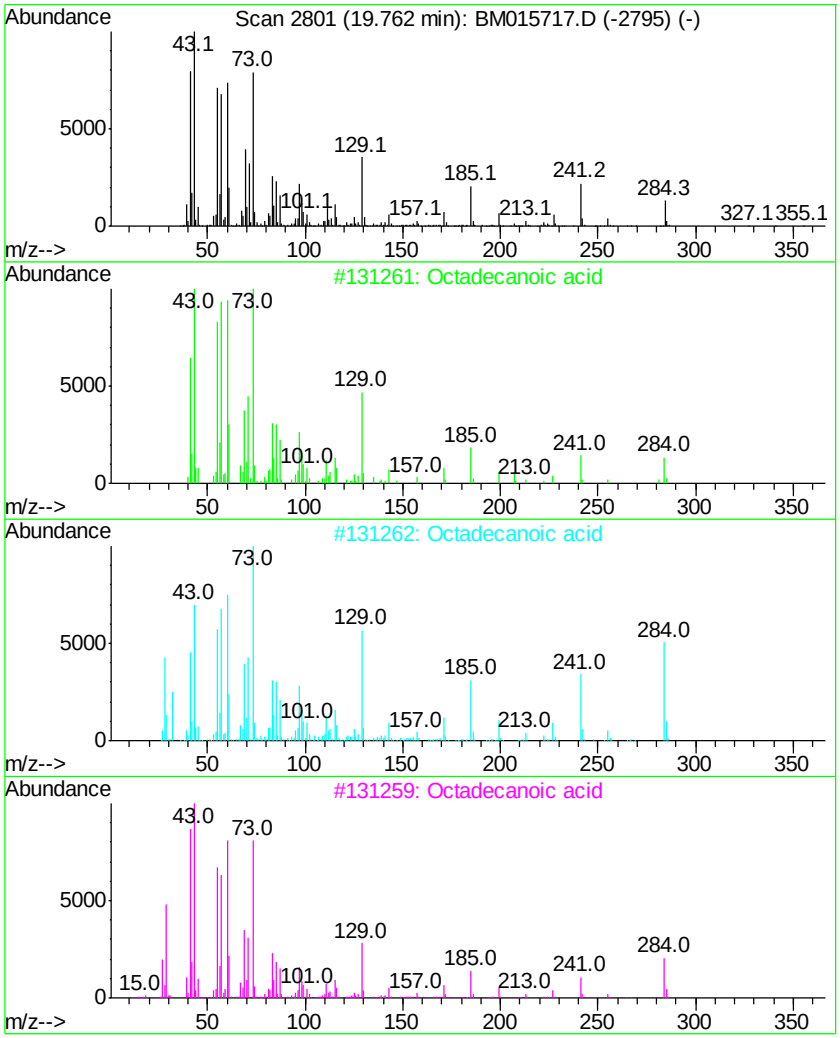
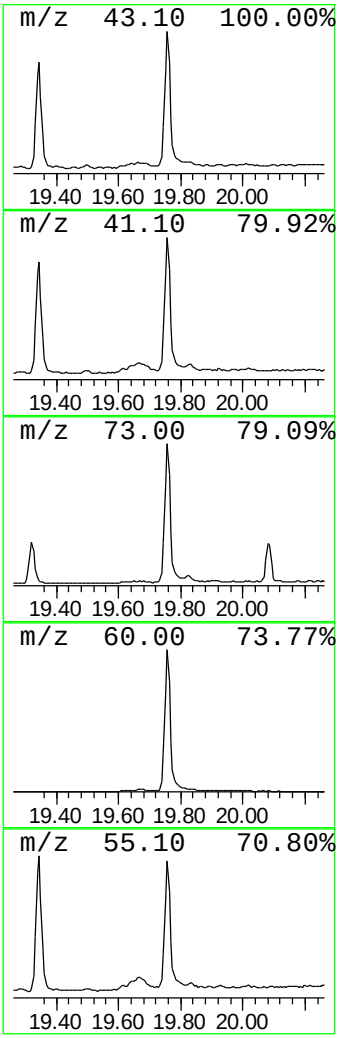
Peak Number 19 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	23.70 ng/ul	2636800	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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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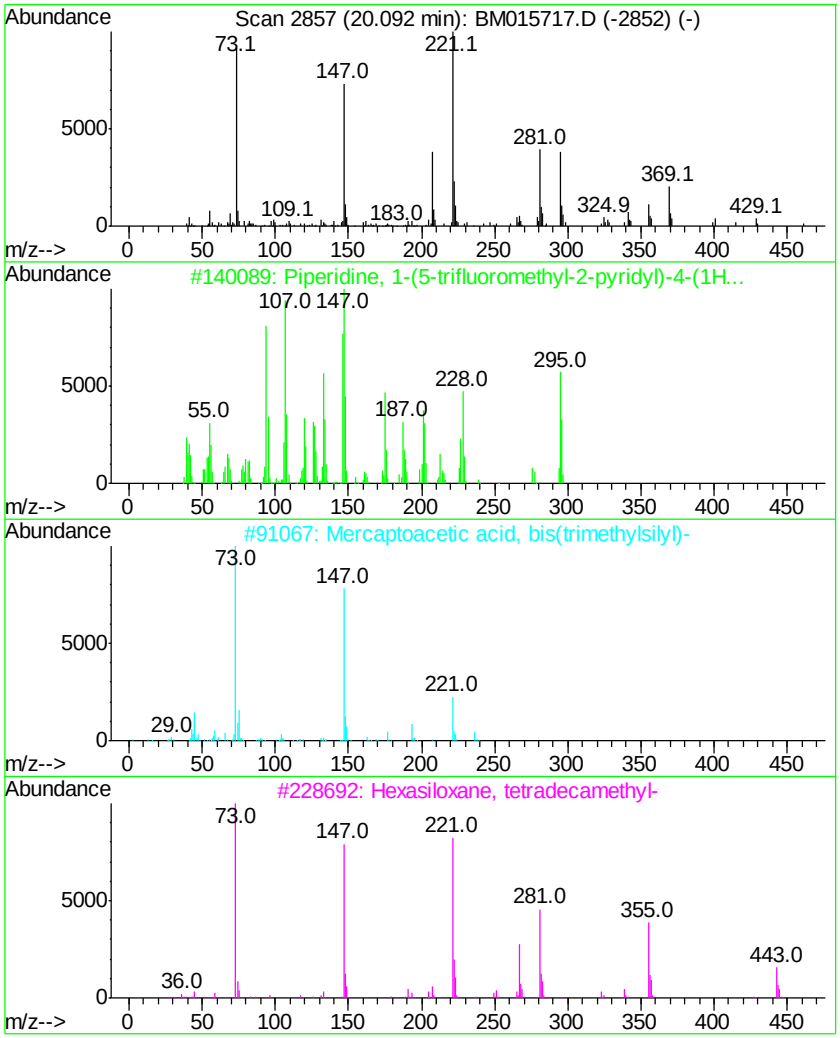
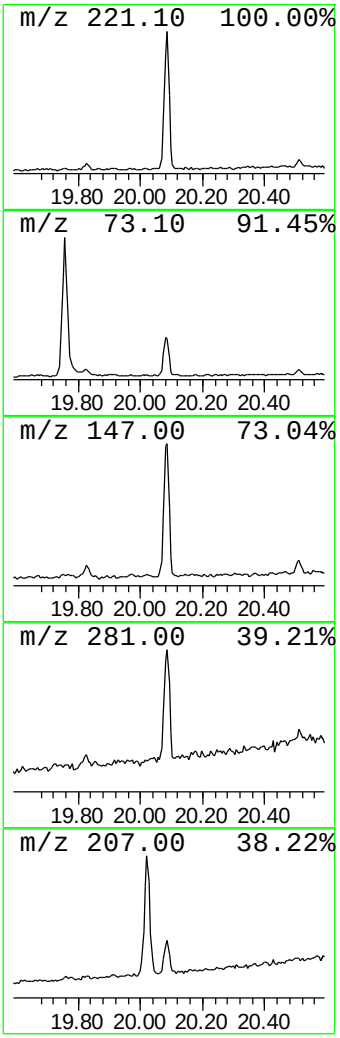
Peak Number 20 Piperidine, 1-(5-trifluorom... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.50 ng/ul	278728	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	70
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	42
3	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	37
4	4-Hydroxybenzyl alcohol, bis(ter...	352	C19H36O2Si2	1000364-43-9	37
5	3-Oxobutan-2-yl trimethylsilyl p...	308	C15H20O5Si	1000373-49-5	27





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ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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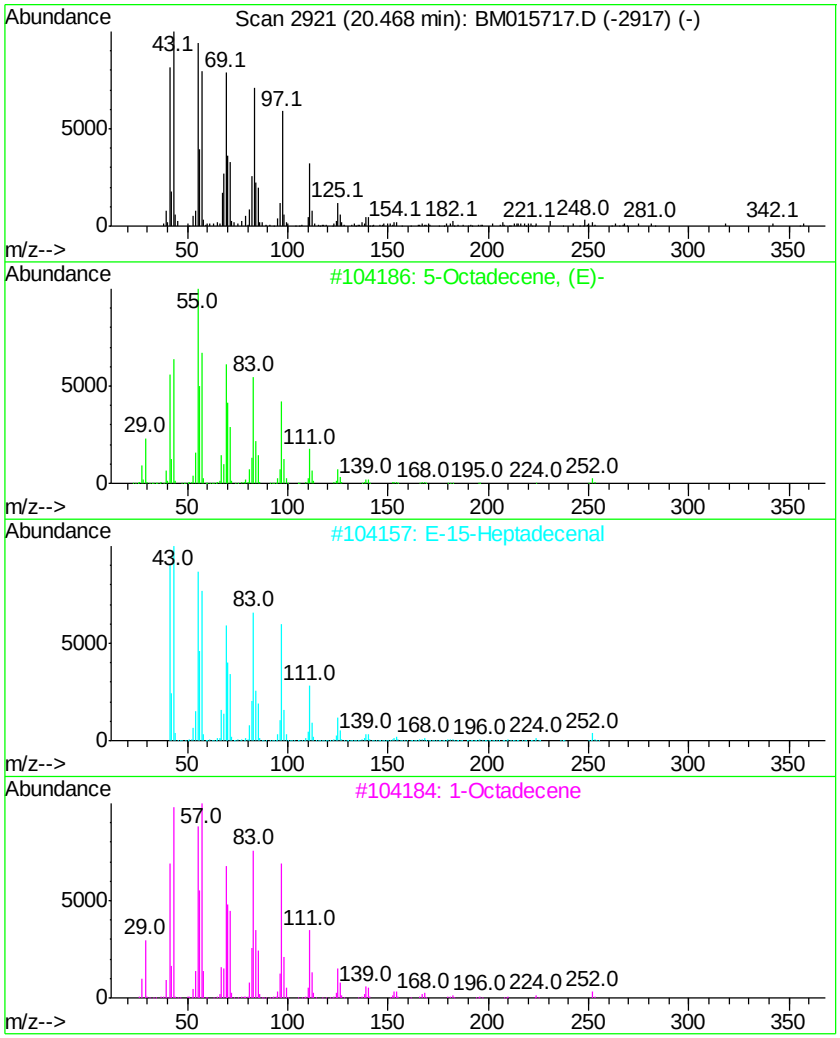
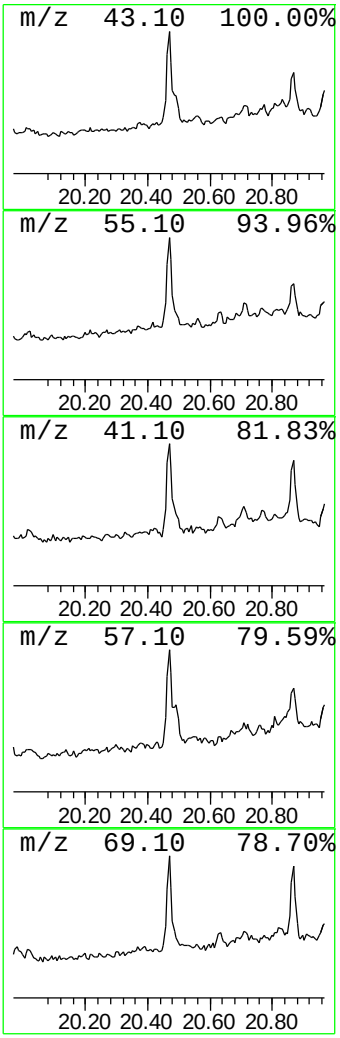
Peak Number 21 (DEL) Alkane: Cyclic20.47 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	4.34 ng/ul	482537	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
3	1-Octadecene	252	C18H36	000112-88-9	93
4	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





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ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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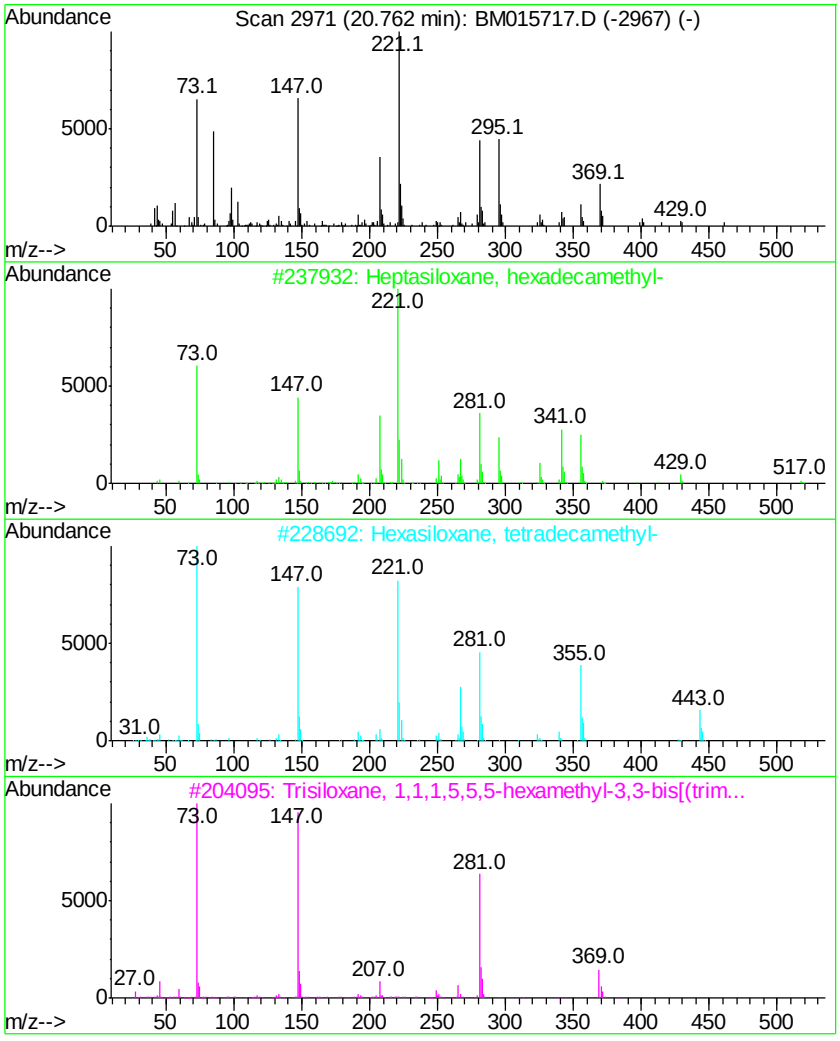
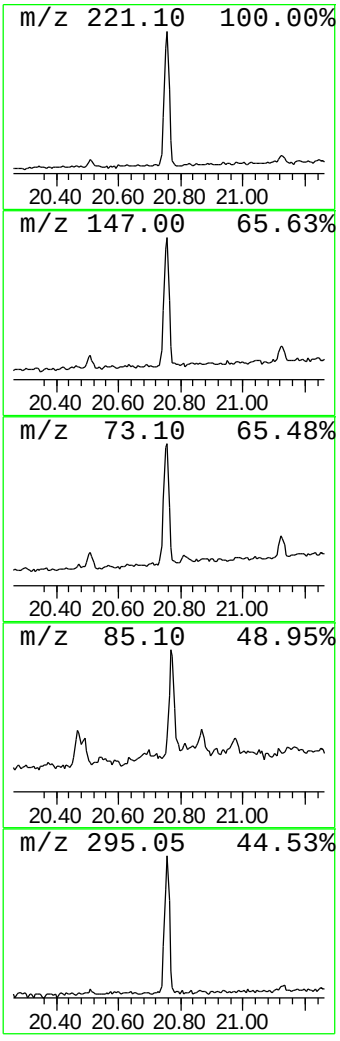
Peak Number 22 Heptasiloxane, hexadecamethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.86 ng/ul	318694	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	59
2	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	47
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	38
4	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	30
5	Tetrahydropyran-4-carboxamide, 4...	369	C22H27NO4	1000310-01-9	30





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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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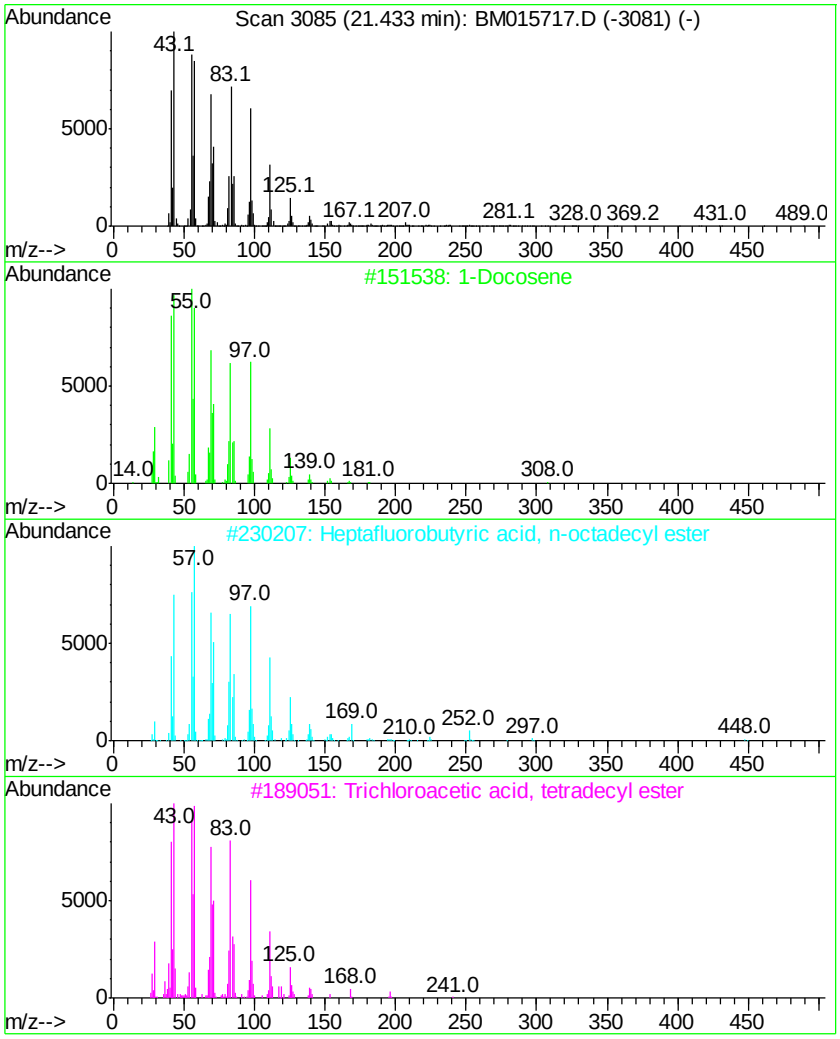
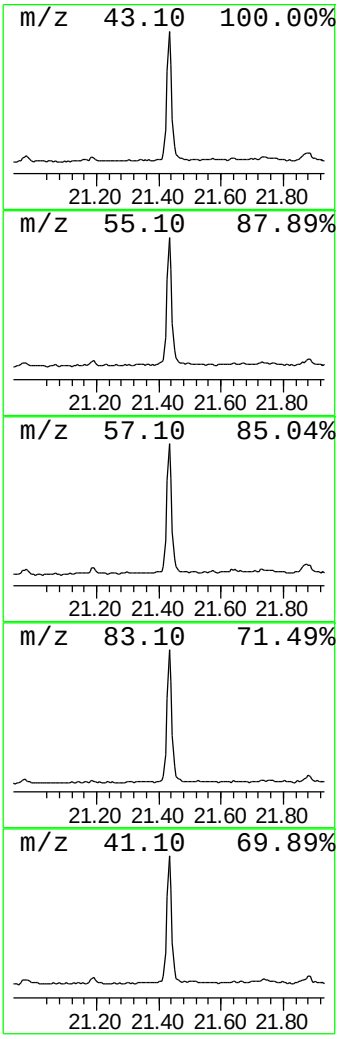
Peak Number 24 (DEL) Alkane: Cyclic21.43 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	19.67 ng/ul	2189030	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91





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Quant Title : SVOA CALIBRATION

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

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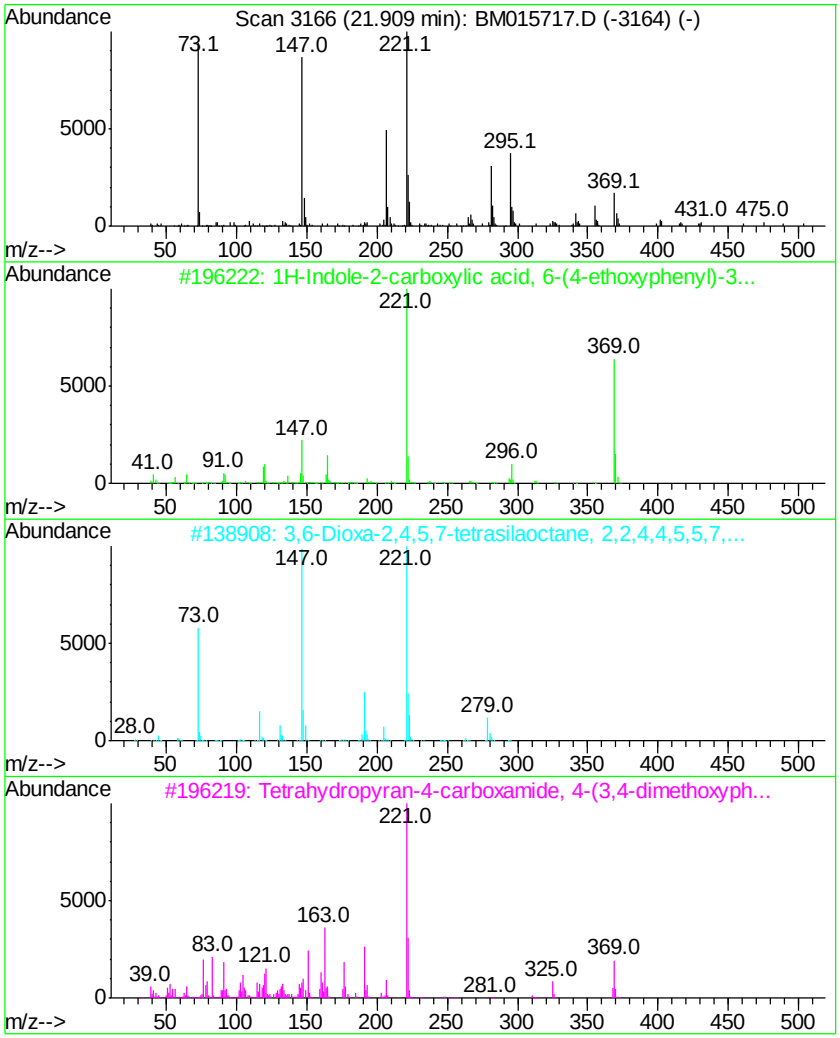
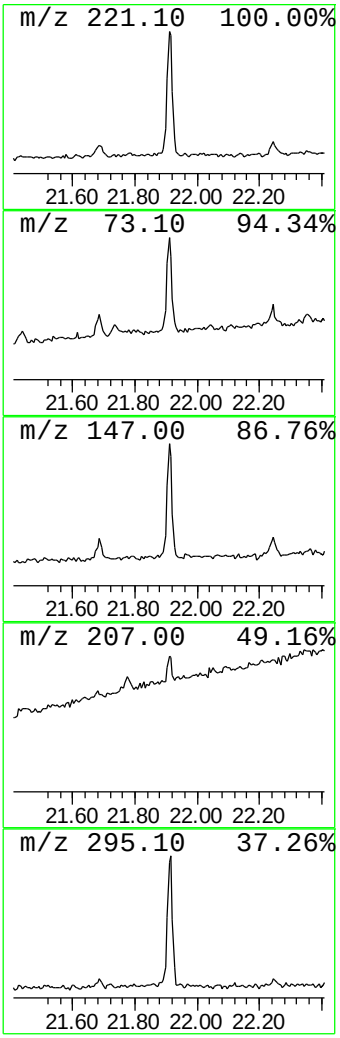
Peak Number 25 unknown-04 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.91	2.53 ng/ul	281479	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-2-carboxylic acid, 6-(...	369	C22H27NO4	1000316-17-3	38
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
3	Tetrahydropyran-4-carboxamide, 4...	369	C22H27NO4	1000310-01-9	30
4	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	25
5	4-Hydroxybenzyl alcohol, bis(ter...	352	C19H36O2Si2	1000364-43-9	23





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Instrument : BNA_M
ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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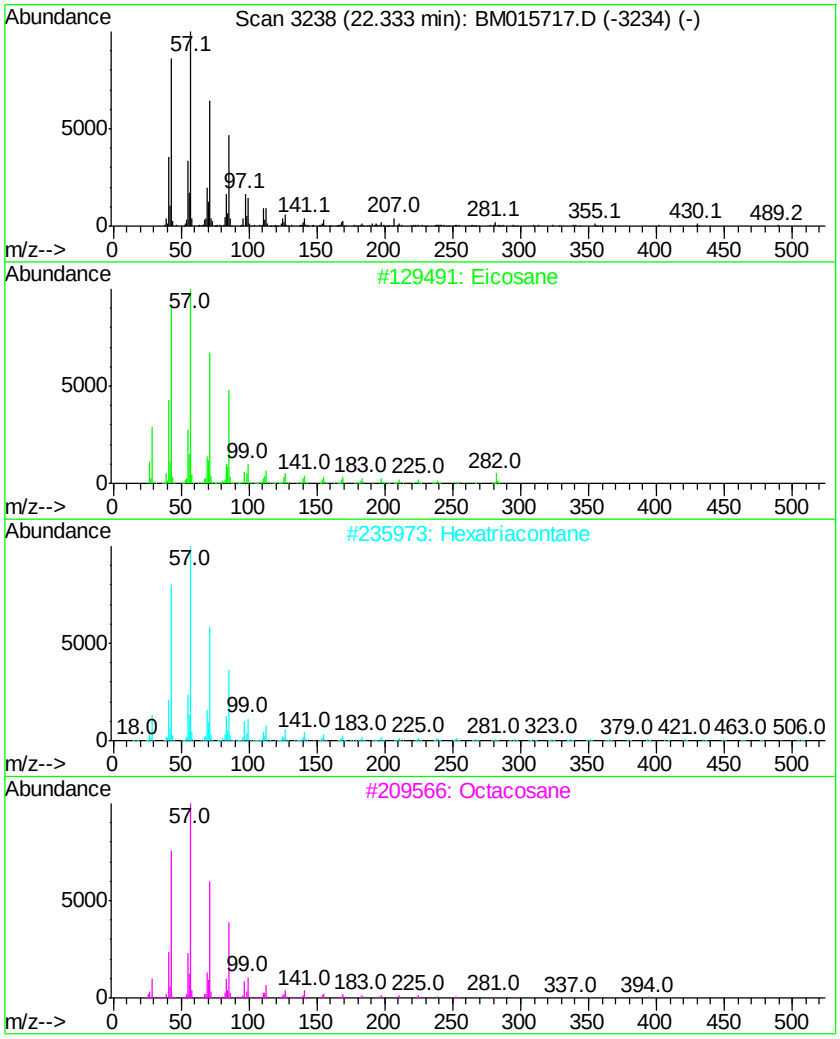
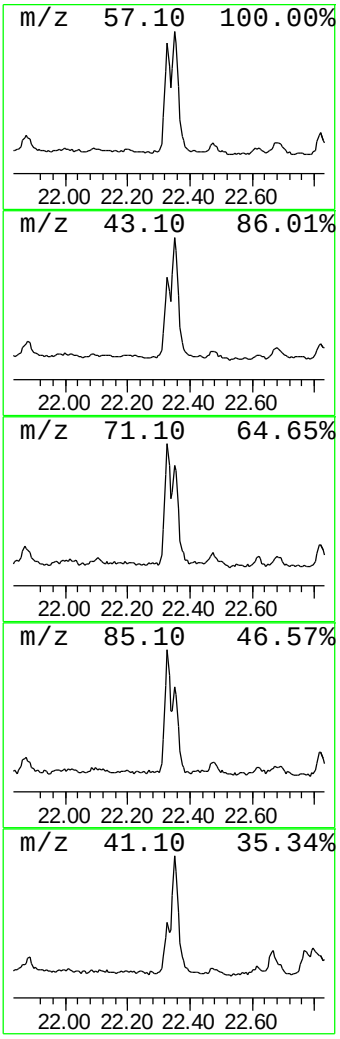
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	3.78 ng/ul	420646	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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Quant Title : SVOA CALIBRATION

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

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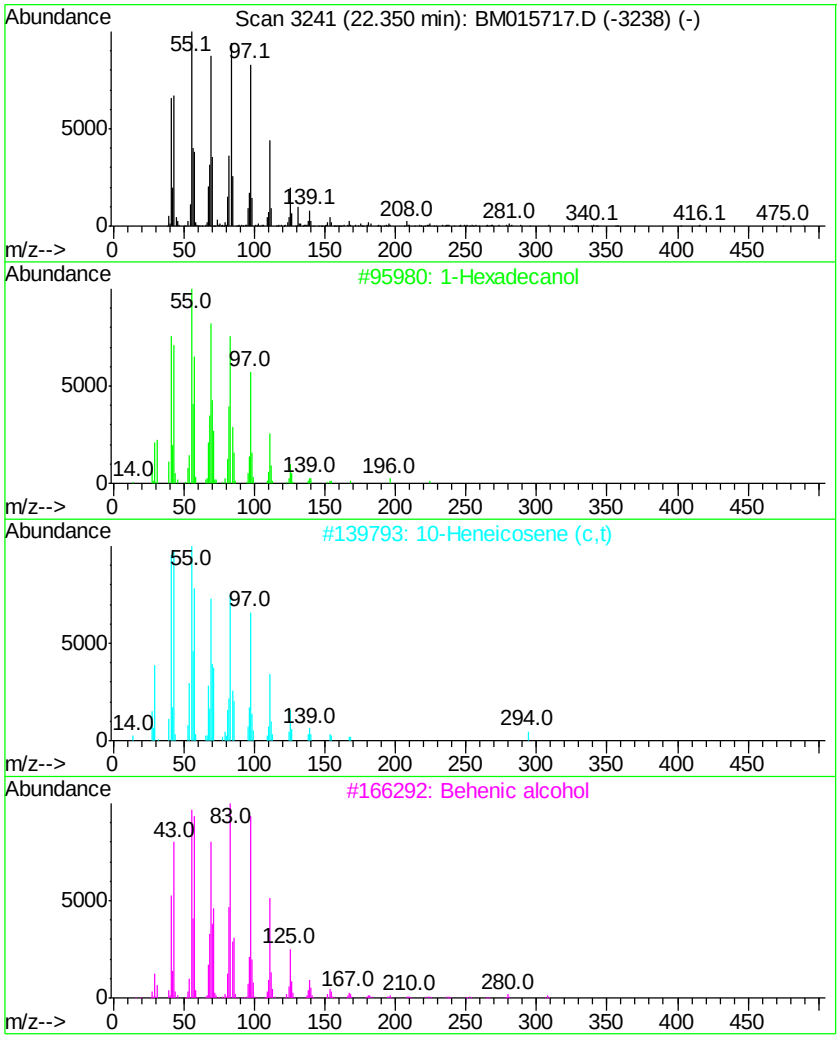
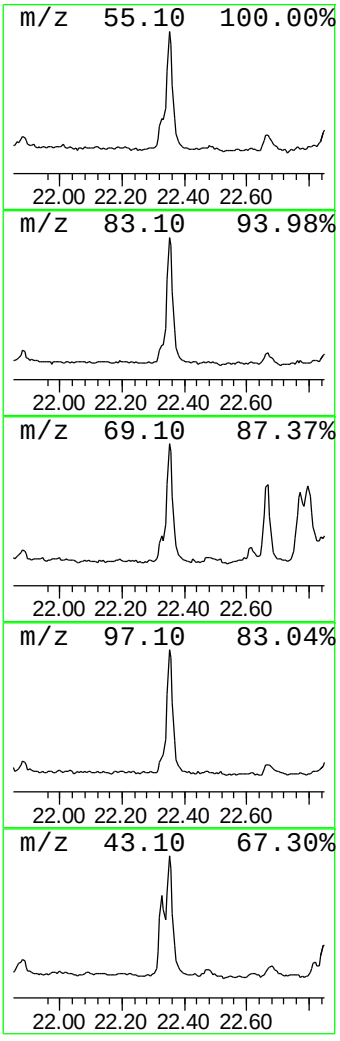
Peak Number 27 1-Hexadecanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	13.50 ng/ul	1502230	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	76
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	68
3	Behenic alcohol	326	C22H46O	000661-19-8	68
4	1-Docosene	308	C22H44	001599-67-3	62
5	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	58





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Quant Title : SVOA CALIBRATION

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

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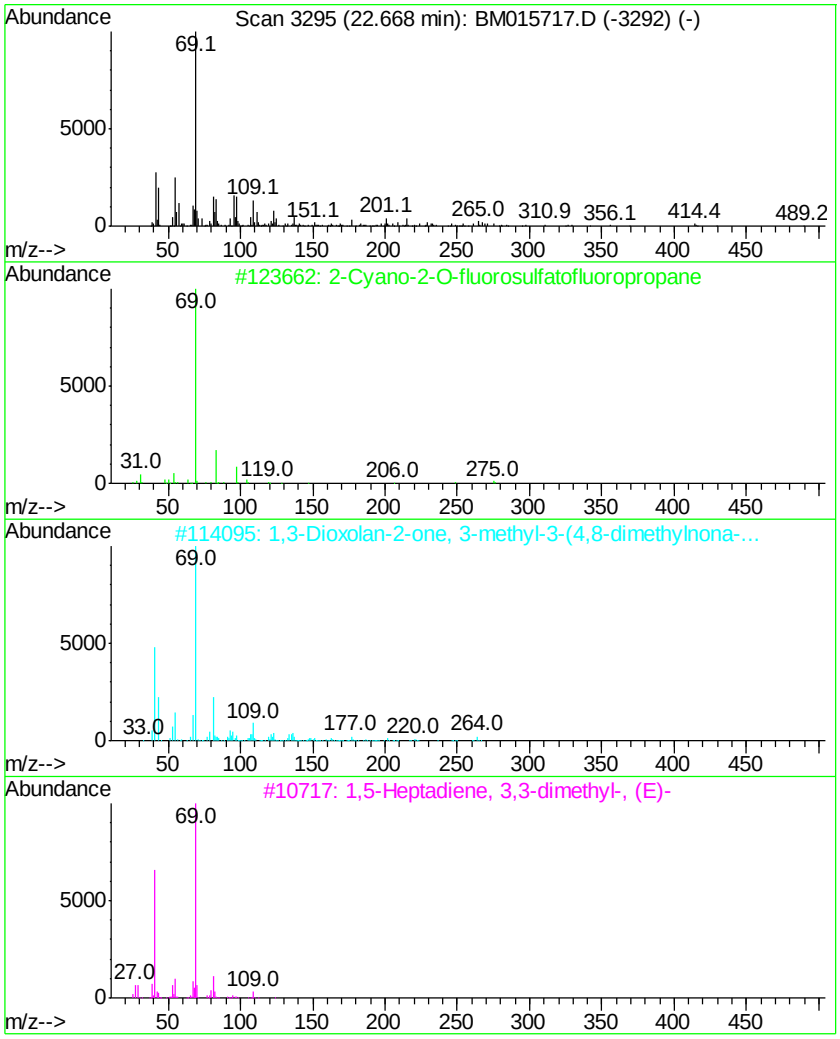
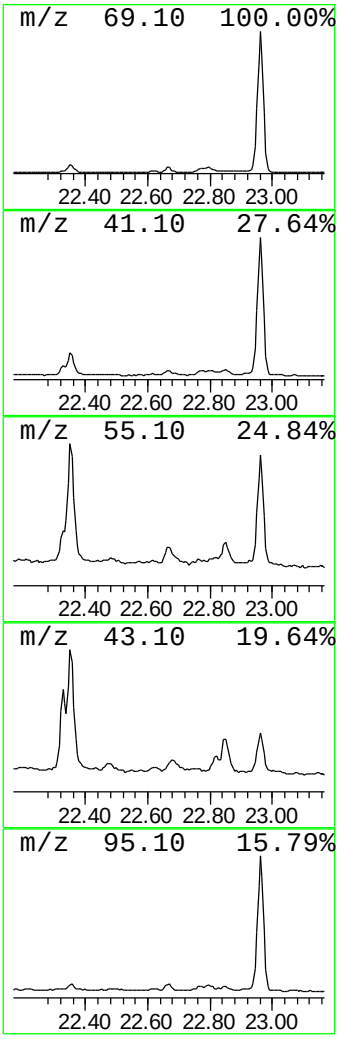
Peak Number 28 2-Cyano-2-O-fluorosulfatofl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	3.62 ng/ul	402969	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyano-2-O-fluorosulfatofluorop...	275	C4F7NO3S	1000306-51-7	53
2	1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	53
3	1,5-Heptadiene, 3,3-dimethyl-, (E)-	124	C9H16	067682-47-7	53
4	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	53
5	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	50





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Quant Title : SVOA CALIBRATION

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

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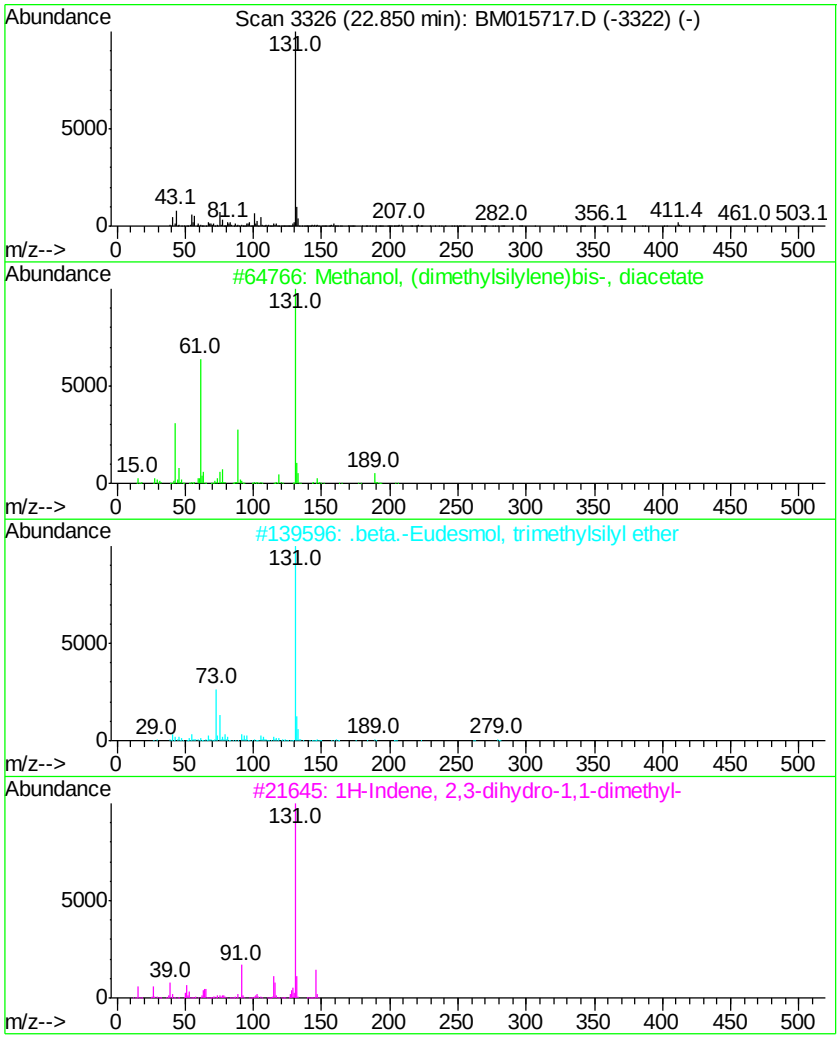
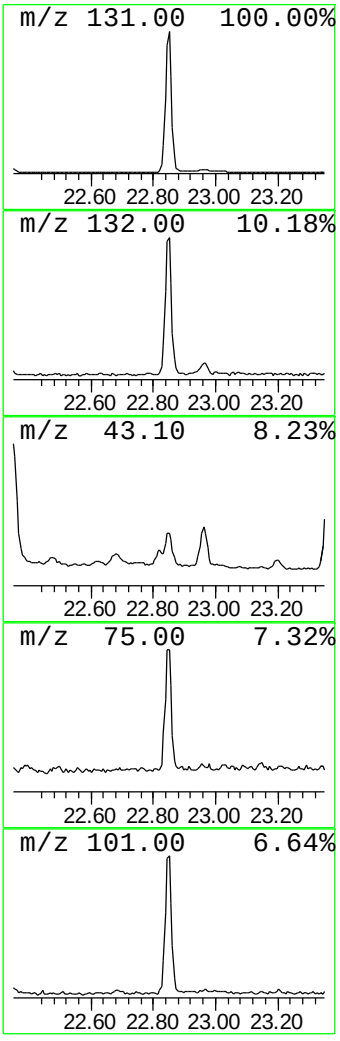
Peak Number 29 Methanol, (dimethylsilylene... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	7.81 ng/ul	869009	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, (dimethylsilylene)bis-...	204	C8H16O4Si	002917-61-5	50
2	.beta.-Eudesmol, trimethylsilyl ...	294	C18H34OSi	1000334-00-1	39
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	38
4	Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	38
5	5.beta.-Cholestane-3.alpha.,7.al...	813	C42H88O5Si5	069243-35-2	23





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Quant Title : SVOA CALIBRATION

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

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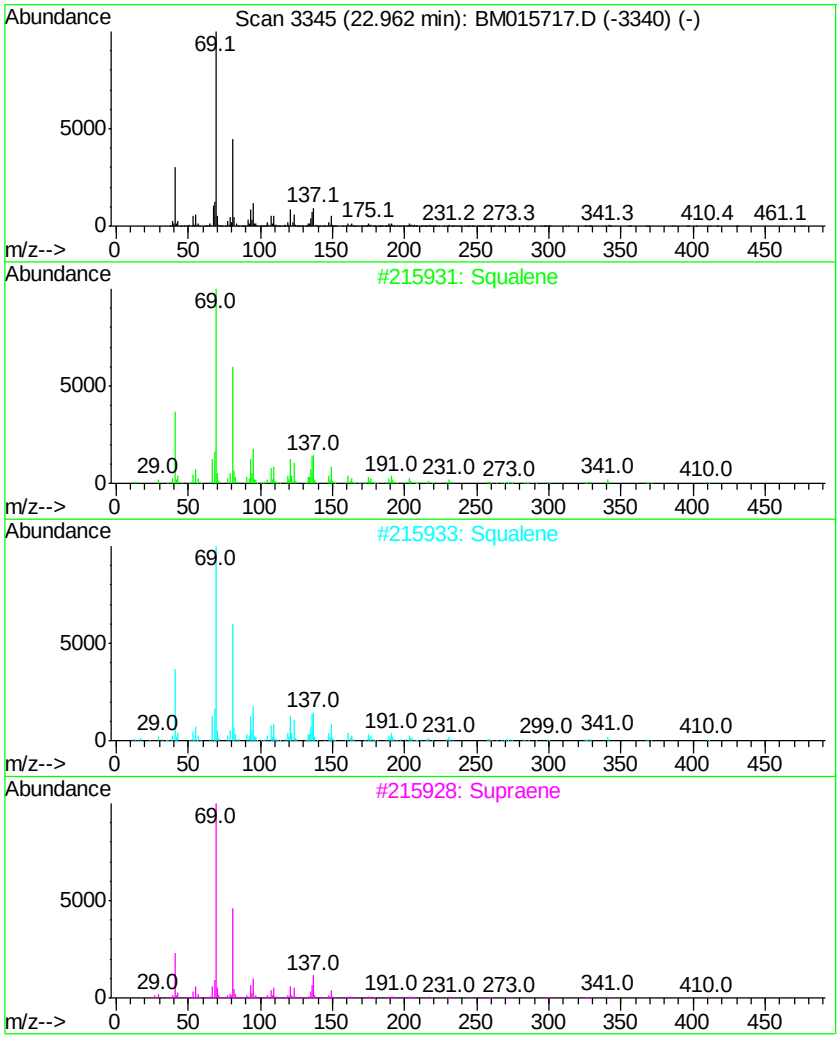
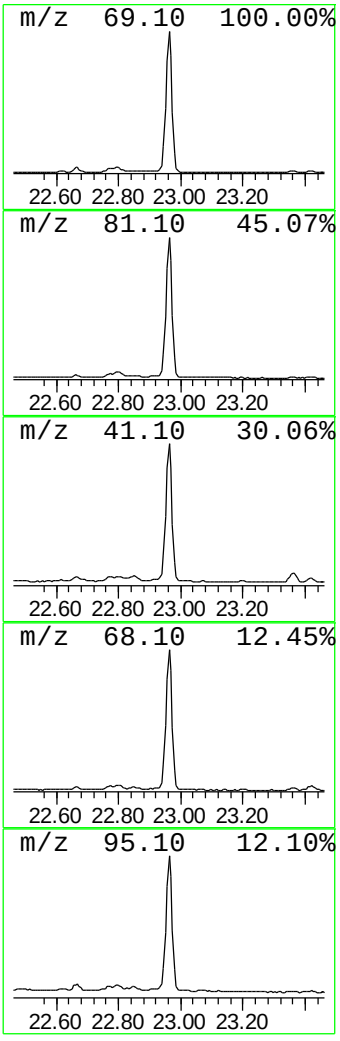
Peak Number 30 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	62.81 ng/ul	6989880	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Squalene	410	C30H50	000111-02-4	95
3	Supraene	410	C30H50	007683-64-9	91
4	Squalene	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	000111-02-4	91





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

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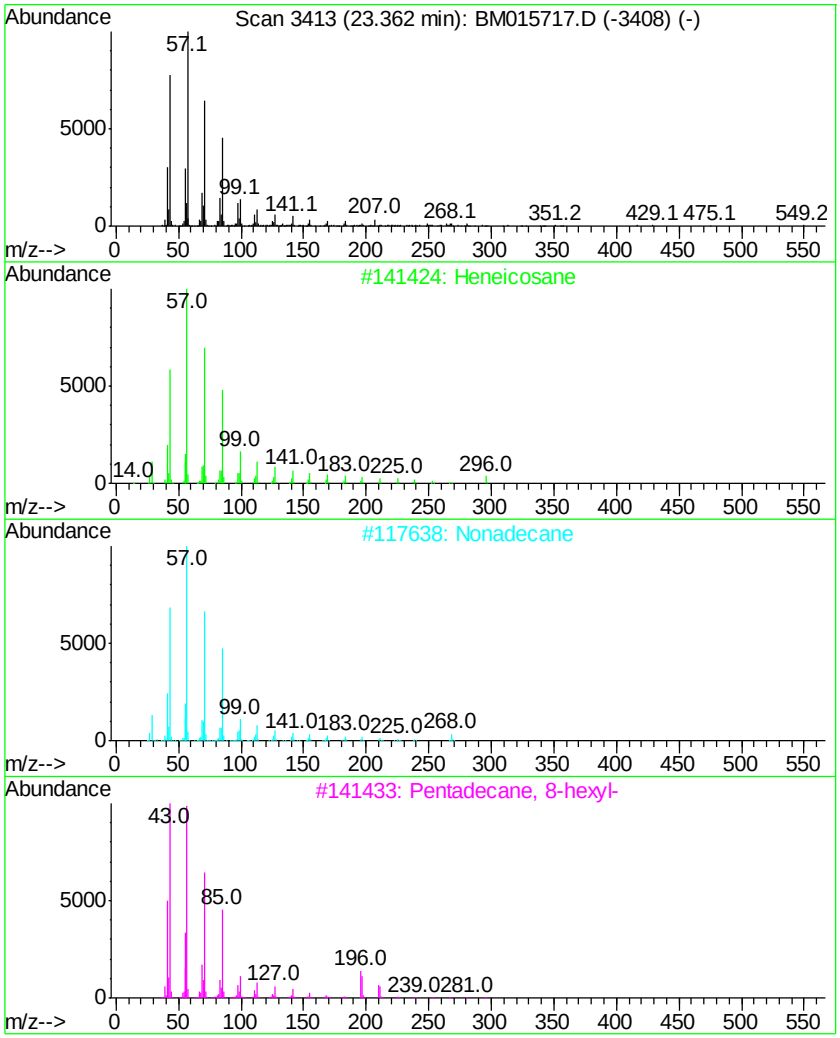
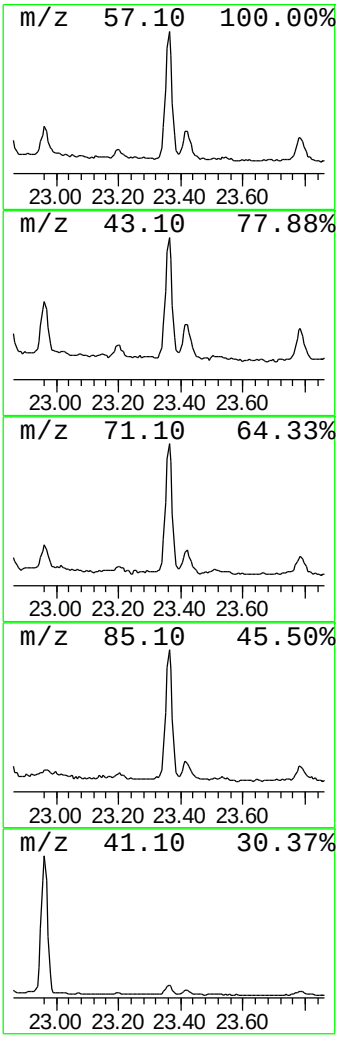
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	8.11 ng/ul	843311	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Nonadecane	268	C19H40	000629-92-5	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





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ClientSampleId : DAXQ4

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

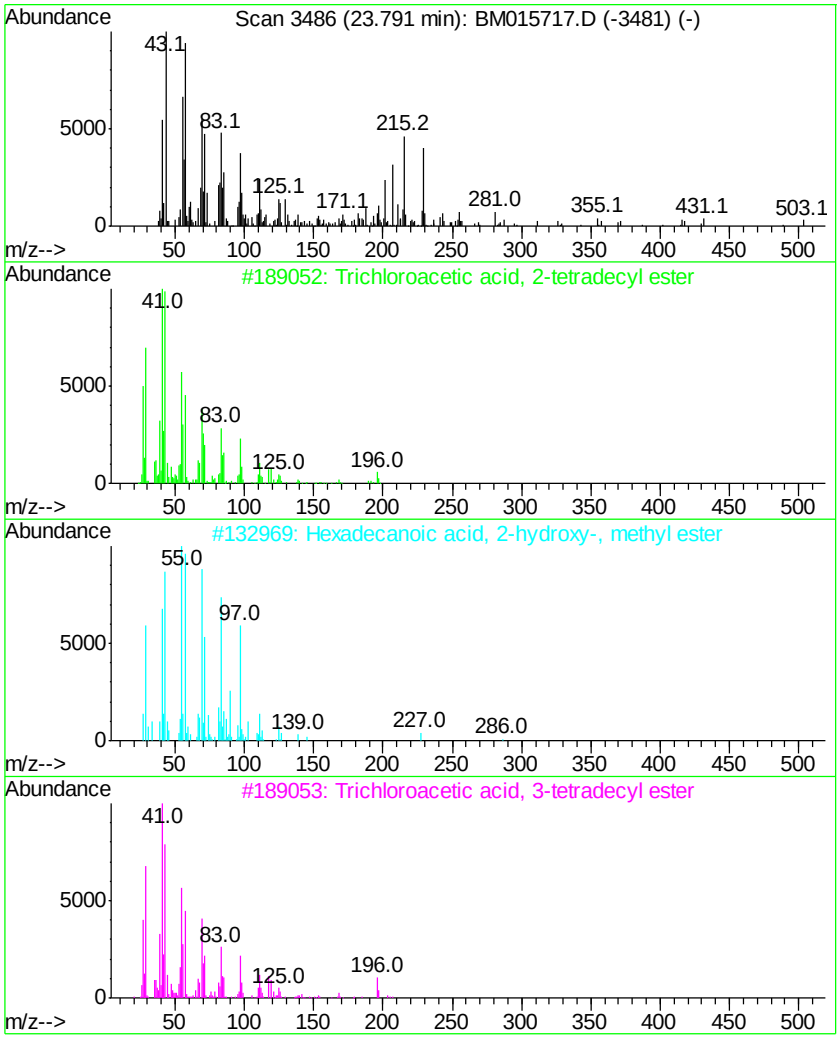
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

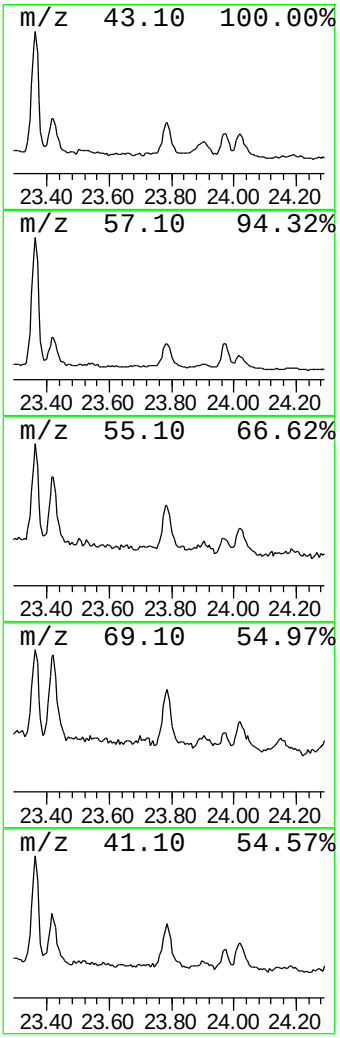
****

Peak Number 32 unknown-05 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	3.76 ng/ul	391176	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 2-tetradec...	358	C16H29Cl3O2	1000282-06-6	43
2	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	25
3	Trichloroacetic acid, 3-tetradec...	358	C16H29Cl3O2	1000282-06-7	25
4	Dimethylmalonic acid, 4-chlorph...	382	C21H31ClO4	1000361-98-0	17
5	Trichloroacetic acid, 4-tetradec...	358	C16H29Cl3O2	1000282-06-8	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061918\
Data File : BM015717.D
Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

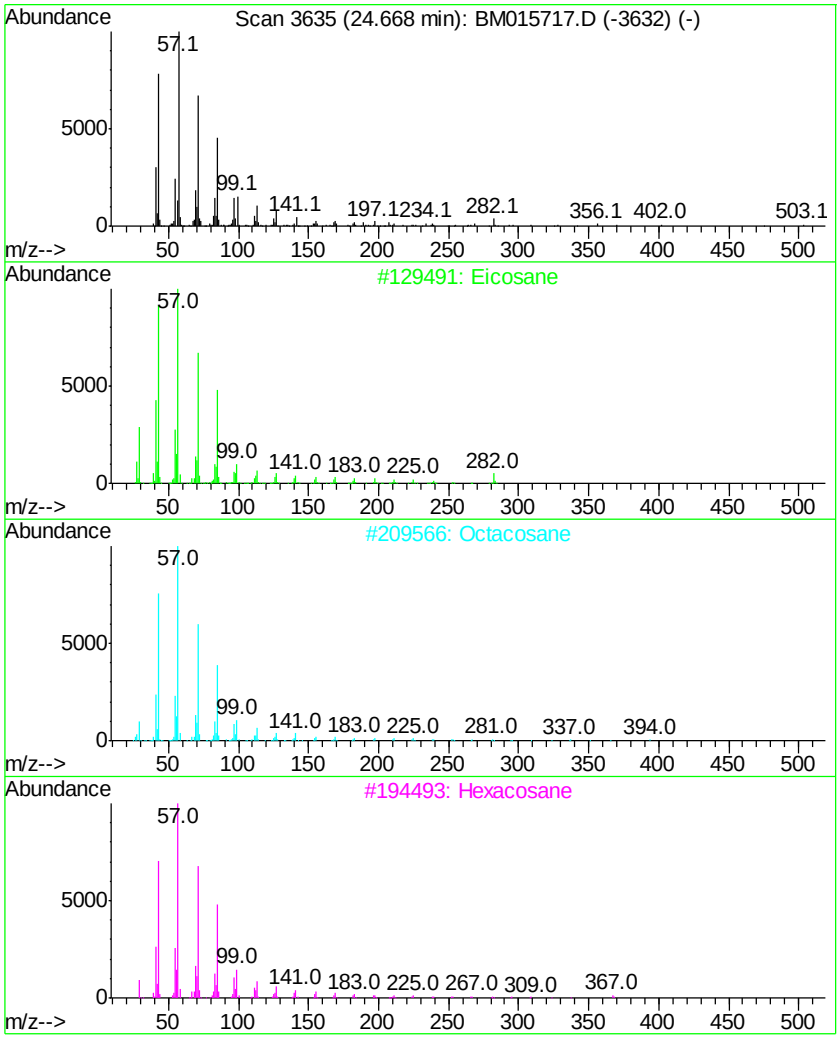
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

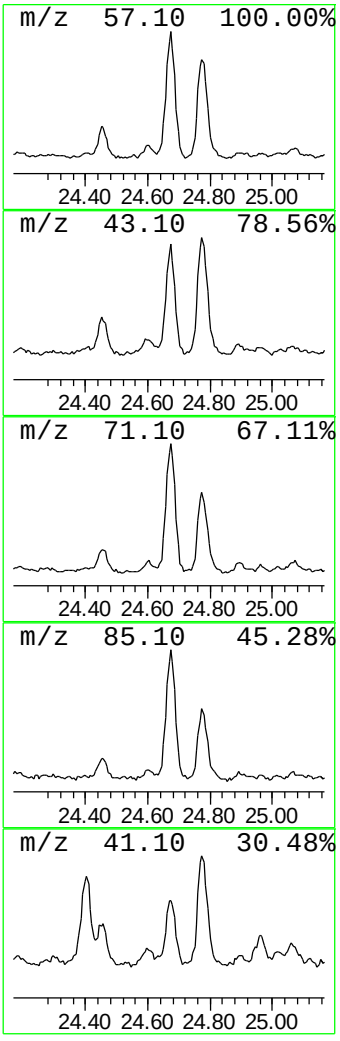
****

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.67	5.35 ng/ul	556436	Perylene-d12	24.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061918\
Data File : BM015717.D
Acq On : 19 Jun 2018 12:23
Operator : SJ/JU
Sample : J3527-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DAXQ4

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.89	2.4	ng/ul	87144	1	8.32	737200	20.0
unknown-02	4.26	2.7	ng/ul	98727	1	8.32	737200	20.0
Formic acid hydra...	5.12	6.3	ng/ul	232785	1	8.32	737200	20.0
Butanoic acid, 2-...	5.27	4.8	ng/ul	175427	1	8.32	737200	20.0
2-Pentanone, 4-hy...	5.35	3.2	ng/ul	117197	1	8.32	737200	20.0
Benzene, 1,3-dime...	5.89	3.8	ng/ul	138748	1	8.32	737200	20.0
2-Butenoic acid, ...	8.69	2.7	ng/ul	101172	1	8.32	737200	20.0
Benzeneacetic acid	11.71	15.5	ng/ul	788188	2	11.15	1014160	20.0
2-Hydroxy-iso-but...	12.45	6.9	ng/ul	351481	2	11.15	1014160	20.0
Hydrocinnamic acid	12.93	8.4	ng/ul	426854	2	11.15	1014160	20.0
(DEL) Alkane: Str...	14.79	31.9	ng/ul	2239240	3	14.94	1403000	20.0
Benzophenone	16.28	22.4	ng/ul	1572150	3	14.94	1403000	20.0
(DEL) Alkane: Str...	16.59	2.3	ng/ul	292395	4	17.66	2549510	20.0
3,6-Dioxa-2,4,5,7...	17.43	2.4	ng/ul	300601	4	17.66	2549510	20.0
unknown-03	17.97	6.5	ng/ul	835227	4	17.66	2549510	20.0
n-Hexadecanoic acid	18.52	30.4	ng/ul	3871500	4	17.66	2549510	20.0
E-15-Heptadecenal	19.34	17.2	ng/ul	2187440	4	17.66	2549510	20.0
Octadecanoic acid	19.76	23.7	ng/ul	2636800	5	21.77	2225600	20.0
Piperidine, 1-(5-...	20.09	2.5	ng/ul	278728	5	21.77	2225600	20.0
(DEL) Alkane: Cyc...	20.47	4.3	ng/ul	482537	5	21.77	2225600	20.0
Heptasiloxane, he...	20.76	2.9	ng/ul	318694	5	21.77	2225600	20.0
(DEL) Alkane: Cyc...	21.43	19.7	ng/ul	2189030	5	21.77	2225600	20.0
unknown-04	21.91	2.5	ng/ul	281479	5	21.77	2225600	20.0
(DEL) Alkane: Str...	22.33	3.8	ng/ul	420646	5	21.77	2225600	20.0
1-Hexadecanol	22.35	13.5	ng/ul	1502230	5	21.77	2225600	20.0
2-Cyano-2-O-fluor...	22.67	3.6	ng/ul	402969	5	21.77	2225600	20.0
Methanol, (dimeth...	22.85	7.8	ng/ul	869009	5	21.77	2225600	20.0
Squalene	22.96	62.8	ng/ul	6989880	5	21.77	2225600	20.0
(DEL) Alkane: Str...	23.36	8.1	ng/ul	843311	6	24.19	2080740	20.0
unknown-05	23.79	3.8	ng/ul	391176	6	24.19	2080740	20.0
(DEL) Alkane: Str...	24.67	5.3	ng/ul	556436	6	24.19	2080740	20.0