LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM061419MA.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	3.016	3	5	22	rVB	2321006	3089942	36.86%	2.846%
2	3.287	48	51	59	rVB2	32955	51416	0.61%	0.047%
3	4.416	238	243	248	rVB	197495	269395	3.21%	0.248%
4	4.893	322	324	335	rVB3	20895	41132	0.49%	0.038%
5	6.281	556	560	565	rVB	37658	54890	0.65%	0.051%
6	6.445	584	588	593	rVB2	32975	47755	0.57%	0.044%
7	6.875	655	661	665	rBV	130028	183981	2.19%	0.169%
8	6.934	665	671	683	rVV	812052	1338389	15.97%	1.233%
9	7.063	686	693	696	rBV2	143380	227622	2.72%	0.210%
10	7.110	696	701	708	rVV	603992	958115	11.43%	0.883%
11	7.198	712	716	718	rVV3	34246	53333	0.64%	0.049%
12	7.222	718	720	727	rVB2	35533	43143	0.51%	0.040%
13	7.298	727	733	742	rVB	862910	1349694	16.10%	1.243%
14	7.769	806	813	819	rBV	843801	1345994	16.06%	1.240%
15	7.892	828	834	840	rBV	116063	180076	2.15%	0.166%
16	7.957	840	845	852	rVB3	48369	87680	1.05%	0.081%
17	8.063	852	863	870	rVB	210821	351121	4.19%	0.323%
18	8.422	917	924	927	rBV	160609	241226	2.88%	0.222%
19	8.469	927	932	944	rVB	983555	1560178	18.61%	1.437%
20	8.598	949	954	958	rVV	15774	28983	0.35%	0.027%
21	8.928	1003	1010	1018	rVV	810939	1351794	16.13%	1.245%
22	9.004	1018	1023	1031	rVV2	29595	57047	0.68%	0.053%
23	9.251	1058	1065	1070	rBV	144931	234645	2.80%	0.216%
24	9.298	1070	1073	1087	rVB	87682	121795	1.45%	0.112%
25	9.645	1123	1132	1144	rBV	714389	1189199	14.19%	1.095%
26	10.175	1215	1222	1231	rBV	1259720	2109900	25.17%	1.944%
27	10.557	1279	1287	1293	rBV	1291162	2140350	25.53%	1.972%
28	10.610	1293	1296	1304	rVV2	30136	49077	0.59%	0.045%
29	10.698	1304	1311	1335	rVB	822778	1548411	18.47%	1.426%
30	11.792	1489	1497	1502	rVB	56816	88643	1.06%	0.082%
31	12.004	1527	1533	1540	rBV	147609	220885	2.64%	0.203%
32	12.145	1552	1557	1564	rVB	22056	38875	0.46%	0.036%
33	12.769	1652	1663	1668	rBV6	32199	66218	0.79%	0.061%
34	13.292	1744	1752	1758	rBV	216470	390052	4.65%	0.359%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM061419MA.M
Title : SVOA CALIBRATION

35	13.716	1819	1824	1831	rVB3	85984	128537	1.53%	0.118%
36	13.821	1831	1842	1846	rBV	2599508	3550715	42.36%	3.271%
37	13.869	1846	1850	1858	rVB	586343	801154	9.56%	0.738%
38	14.098	1883	1889	1897	rVV	2762348	4134878	49.33%	3.809%
39	14.357	1927	1933	1936	rBV	166679	236533	2.82%	0.218%
40	14.410	1936	1942	1949	rVV2	2178491	3301577	39.39%	3.041%
41	14.616	1972	1977	1990	rBV	606920	1116811	13.32%	1.029%
42	15.292	2088	2092	2096	rBV	47108	58075	0.69%	0.053%
43	15.357	2099	2103	2105	rBV2	36543	44574	0.53%	0.041%
44	15.404	2105	2111	2118	rVB	3827564	5386262	64.26%	4.962%
45	15.527	2126	2132	2141	rBV	902096	1265872	15.10%	1.166%
46	15.645	2148	2152	2157	rVB	54398	82651	0.99%	0.076%
47	15.751	2165	2170	2172	rBV5	20556	34691	0.41%	0.032%
48	15.980	2201	2209	2214	rBV6	22806	45820	0.55%	0.042%
49	16.257	2252	2256	2259	rVV6	18659	29170	0.35%	0.027%
50	16.304	2260	2264	2269	rVV7	23116	40566	0.48%	0.037%
51	16.610	2312	2316	2320	rVB	32797	39538	0.47%	0.036%
52	16.657	2320	2324	2333	rVB4	44139	68335	0.82%	0.063%
53	16.974	2375	2378	2385	rVB2	23418	38112	0.45%	0.035%
54	17.045	2386	2390	2398	rBV6	46960	91418	1.09%	0.084%
55	17.115	2398	2402	2403	rBV3	36201	40819	0.49%	0.038%
56	17.157	2403	2409	2413	rVV2	3036460	4213642	50.27%	3.882%
57	17.198	2413	2416	2420	rVV	404548	528725	6.31%	0.487%
58	17.257	2420	2426	2435	rVB	4298182	6043090	72.09%	5.567%
59	17.327	2435	2438	2446	rVB7	33878	64329	0.77%	0.059%
60	17.533	2467	2473	2476	rBV3	82373	124387	1.48%	0.115%
61	17.674	2494	2497	2503	rVB2	35920	45358	0.54%	0.042%
62	17.868	2525	2530	2534	rBV	152003	198882	2.37%	0.183%
63	17.927	2535	2540	2546	rBV3	51741	80205	0.96%	0.074%
64	17.986	2546	2550	2555	rBV	291900	407221	4.86%	0.375%
65	18.051	2555	2561	2571	rBV2	1334503	1998639	23.84%	1.841%
66	18.227	2586	2591	2595	rBV2	81621	145643	1.74%	0.134%
67	18.351	2606	2612	2620	rBV	1577973	2158199	25.75%	1.988%
68	18.533	2639	2643	2647	rVB	62159	76842	0.92%	0.071%
69	18.580	2647	2651	2655	rVV	65396	88894	1.06%	0.082%
70	18.709	2669	2673	2680	rBV4	49278	77129	0.92%	0.071%
71	18.909	2702	2707	2715	rBV	1119022	1633812	19.49%	1.505%

LSC Area Percent Report

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Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BM061419MA.M
Title : SVOA CALIBRATION

72	19.009	2722	2724	2728	rVB4	46685	52466	0.63%	0.048%
73	19.062	2730	2733	2737	rBV	50164	71765	0.86%	0.066%
74	19.215	2754	2759	2765	rVB	1341772	2004873	23.92%	1.847%
75	19.262	2765	2767	2771	rVB4	52698	65283	0.78%	0.060%
76	19.327	2772	2778	2787	rBV	489556	762210	9.09%	0.702%
77	19.551	2810	2816	2820	rBV	5522229	7850547	93.65%	7.232%
78	19.756	2849	2851	2856	rVB	52094	56739	0.68%	0.052%
79	19.898	2871	2875	2881	rBV3	56741	127084	1.52%	0.117%
80	19.956	2882	2885	2889	rVV4	50828	57994	0.69%	0.053%
81	20.062	2899	2903	2910	rVB3	266594	586764	7.00%	0.541%
82	20.174	2918	2922	2925	rBV	87917	105799	1.26%	0.097%
83	20.421	2960	2964	2968	rVB	474235	557064	6.65%	0.513%
84	20.821	3029	3032	3038	rVB	86100	111385	1.33%	0.103%
85	21.045	3066	3070	3078	rVB3	1067057	1459544	17.41%	1.345%
86	21.339	3113	3120	3124	rBV2	3380259	5003464	59.69%	4.609%
87	21.374	3124	3126	3133	rVB	602390	678764	8.10%	0.625%
88	21.833	3201	3204	3207	rBV4	208600	252076	3.01%	0.232%
89	21.921	3216	3219	3221	rBV	227500	249281	2.97%	0.230%
90	22.086	3243	3247	3251	rBV4	306814	428218	5.11%	0.394%
91	22.386	3295	3298	3302	rVB	245223	299490	3.57%	0.276%
92	22.621	3334	3338	3344	rBV	2056318	2764660	32.98%	2.547%
93	22.903	3381	3386	3389	rBV	845189	1544472	18.42%	1.423%
94	22.950	3389	3394	3406	rVB2	4722349	8382541	100.00%	7.722%
95	23.462	3475	3481	3487	rBV	2945021	5267028	62.83%	4.852%
96	23.609	3500	3506	3522	rVB	1776926	3698027	44.12%	3.407%
97	23.797	3533	3538	3545	rVB	611049	1028470	12.27%	0.947%
98	24.127	3588	3594	3603	rVB	1442047	2740190	32.69%	2.524%
99	24.221	3605	3610	3622	rVB2	471823	1007481	12.02%	0.928%
100	25.762	3866	3872	3888	rVB	671122	1809348	21.58%	1.667%

Sum of corrected areas: 108555088

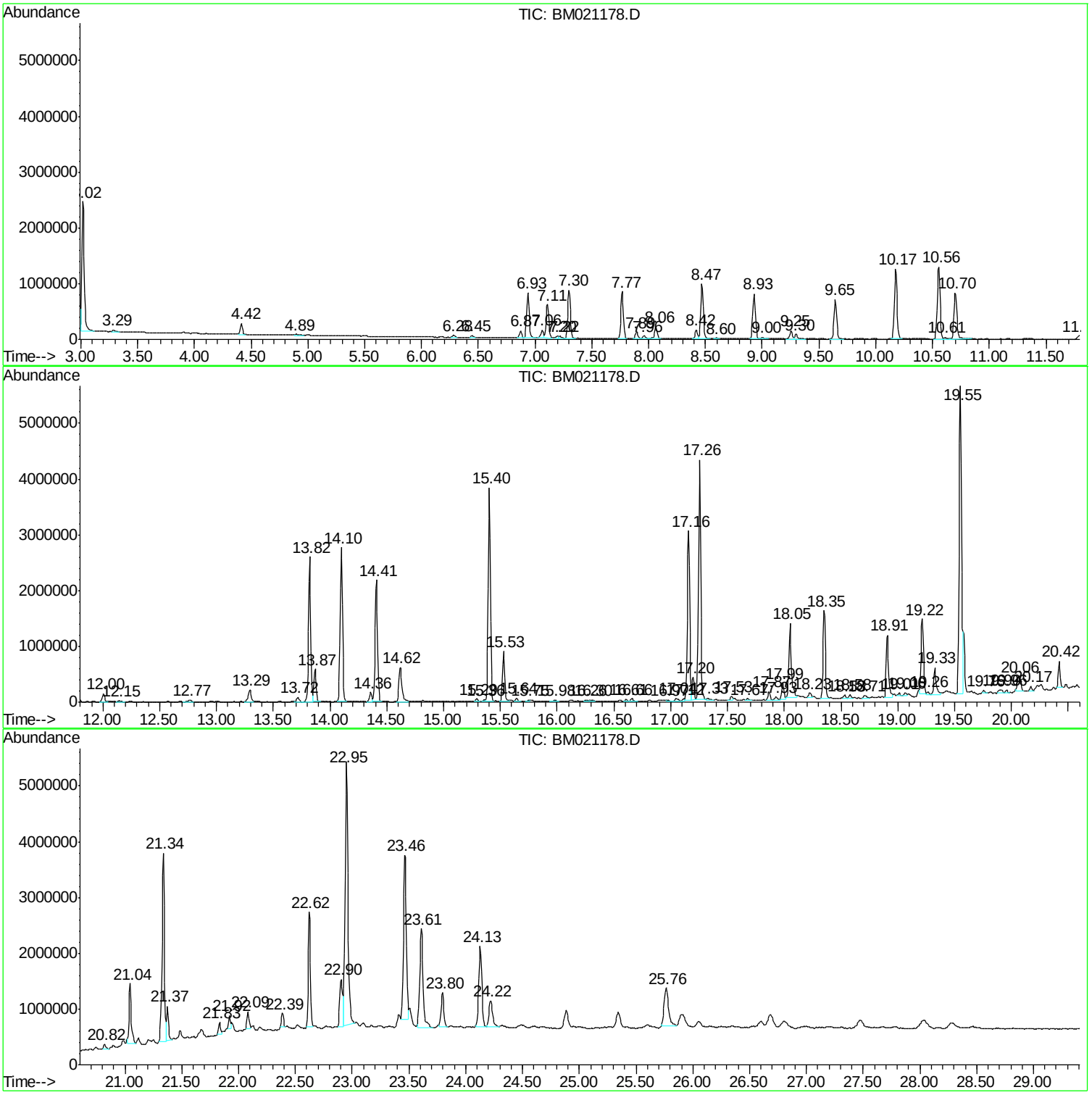
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

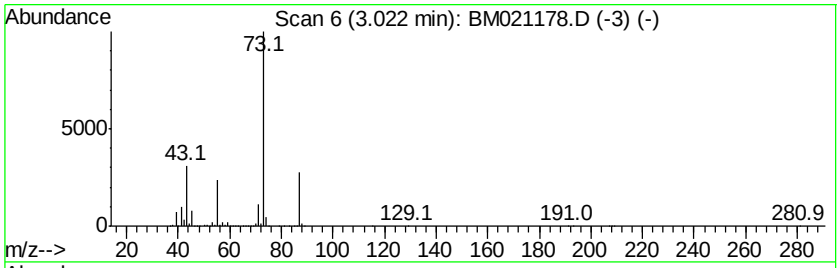
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

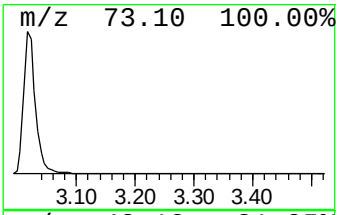
****

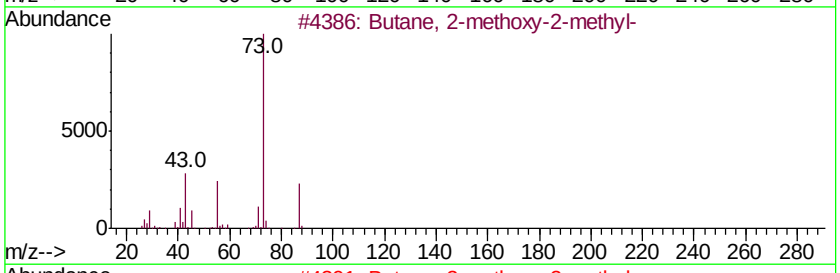
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

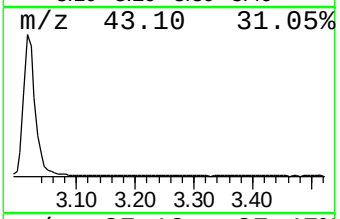
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	45.91 ng/ul	3089940	1,4-Dichlorobenzene-d4	7.77

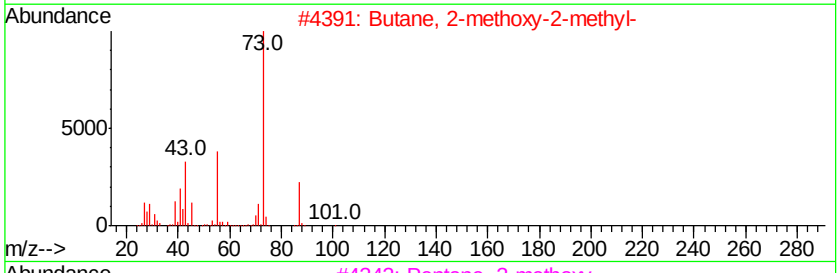
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

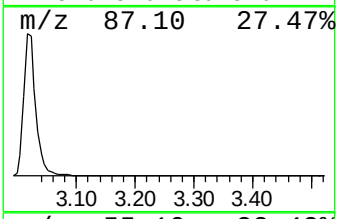


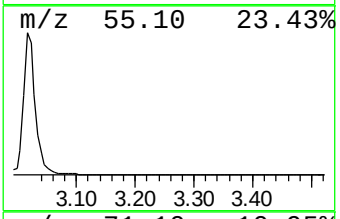


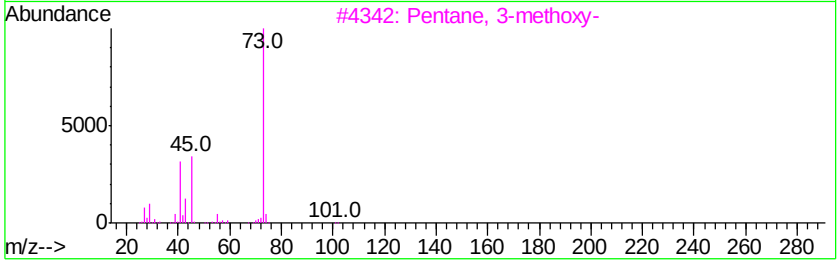


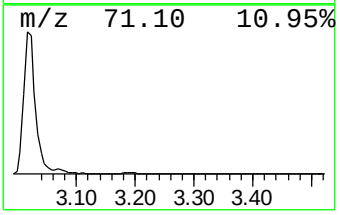












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Data File : BM021178.D
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Sample : K3498-09
Misc :
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Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

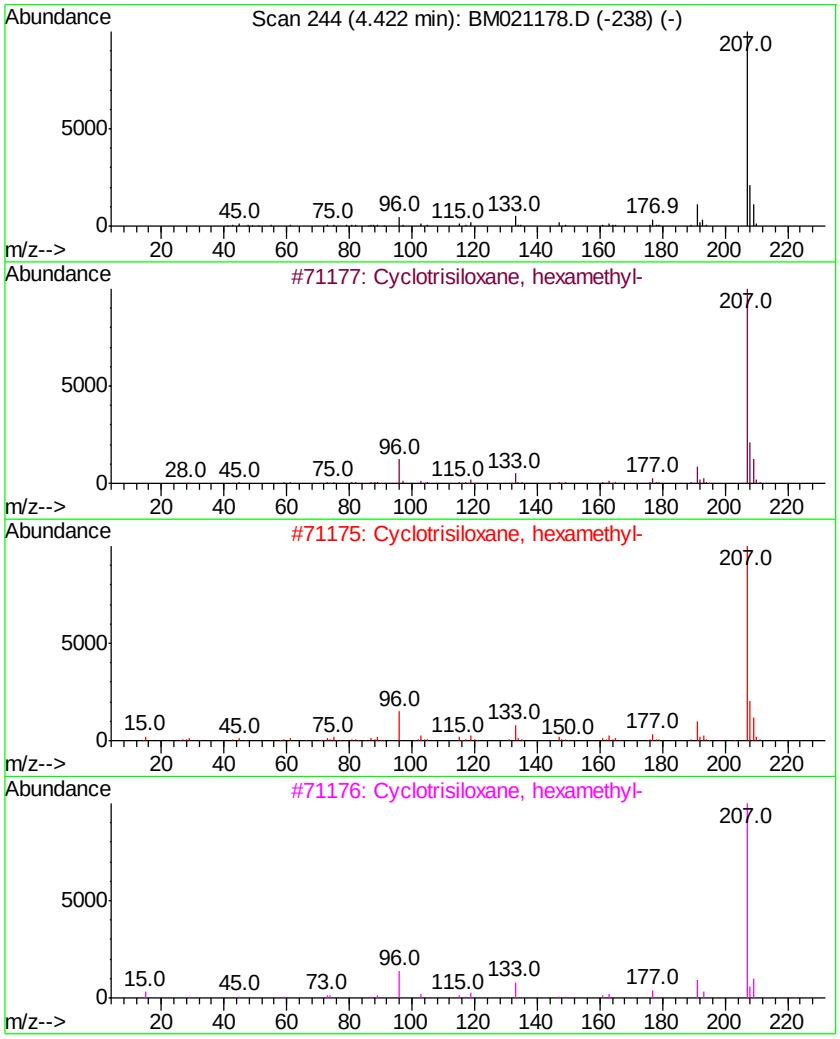
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

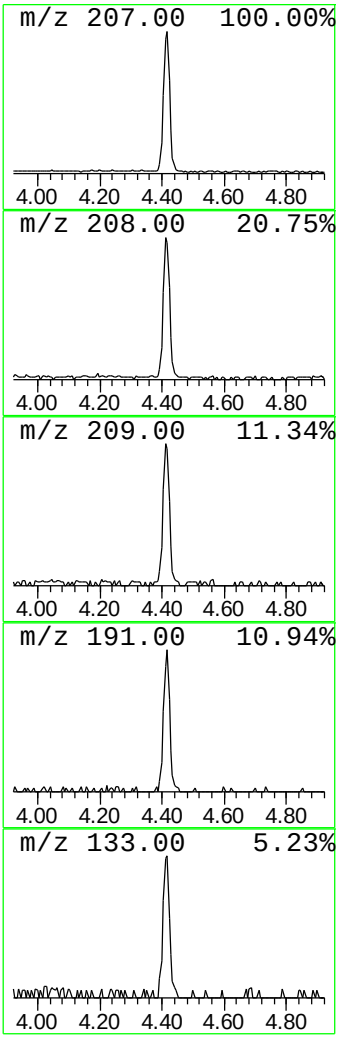
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	4.00 ng/ul	269395	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	83
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

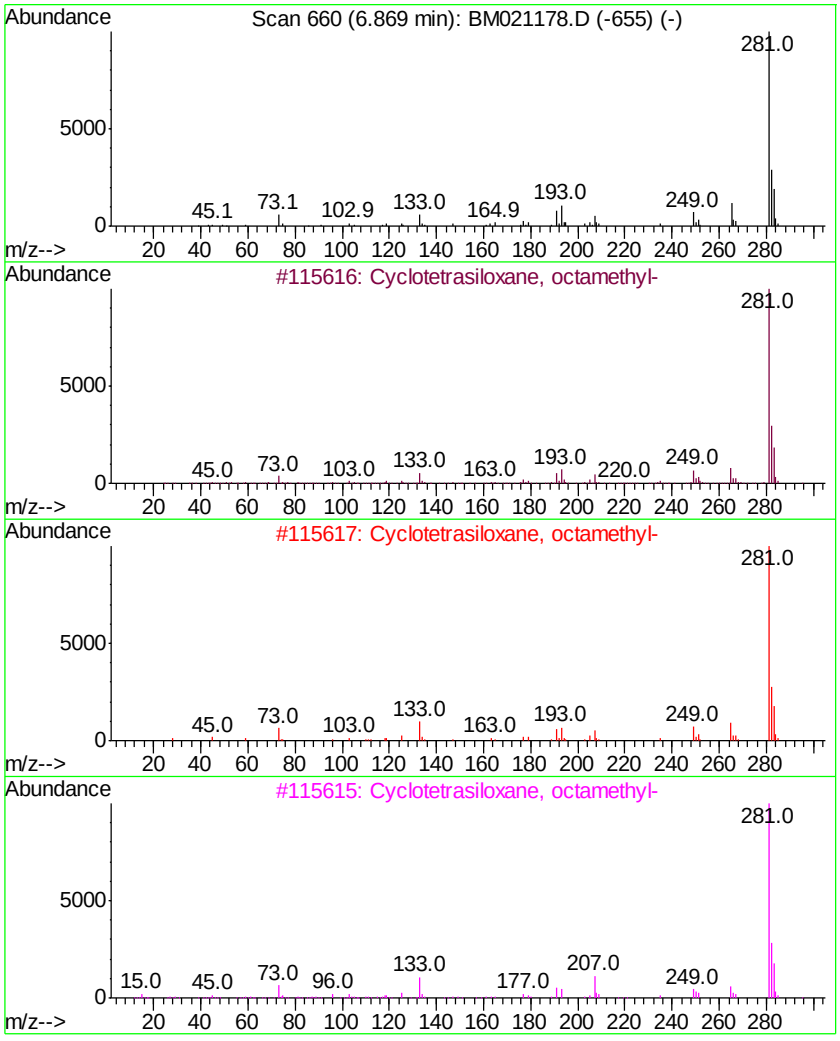
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

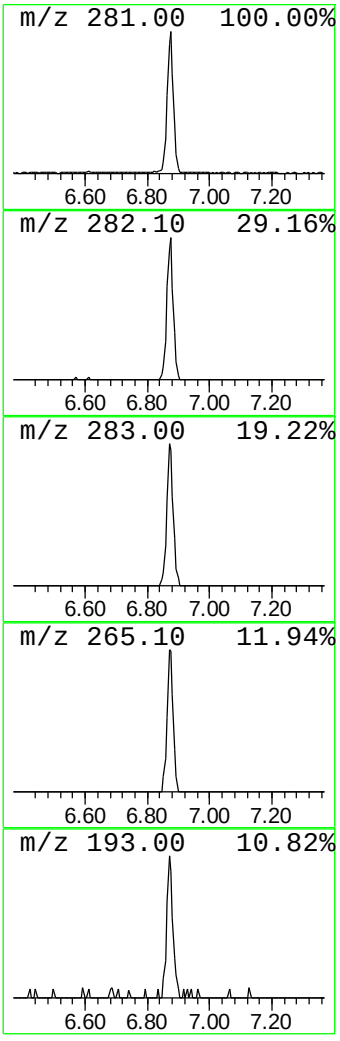
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.73 ng/ul	183981	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
4	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	53
5	Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

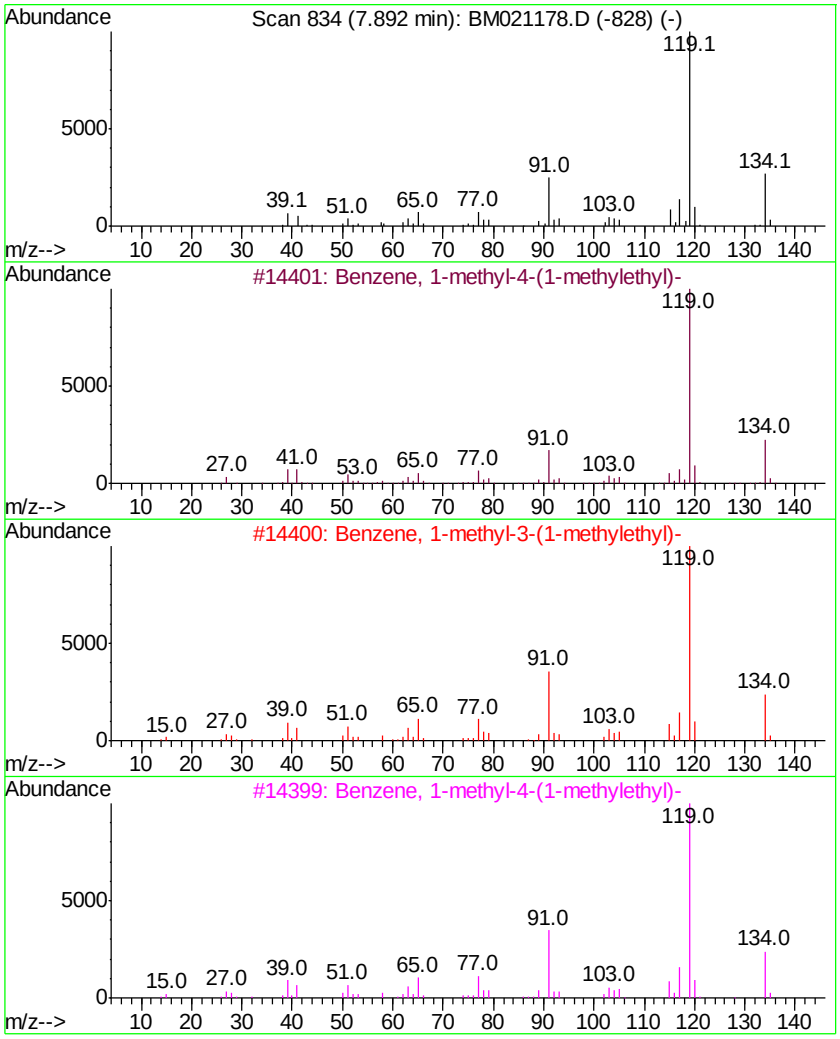
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

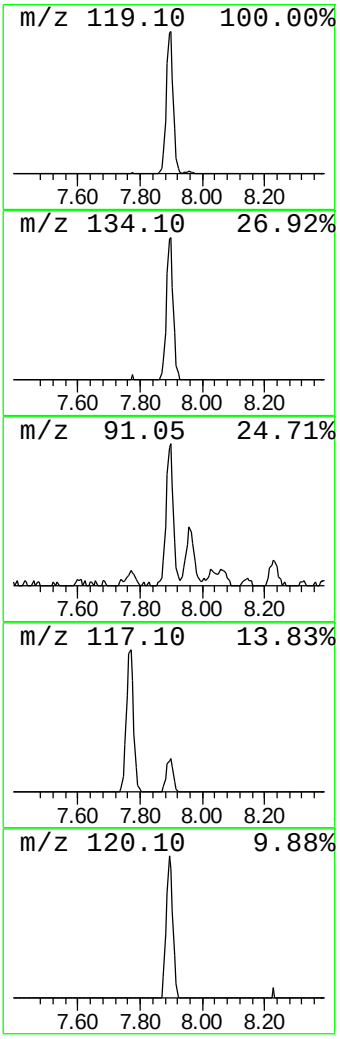
****

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	2.68 ng/ul	180076	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94





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Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
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Instrument : BNA_M
ClientSampleId : C5AA8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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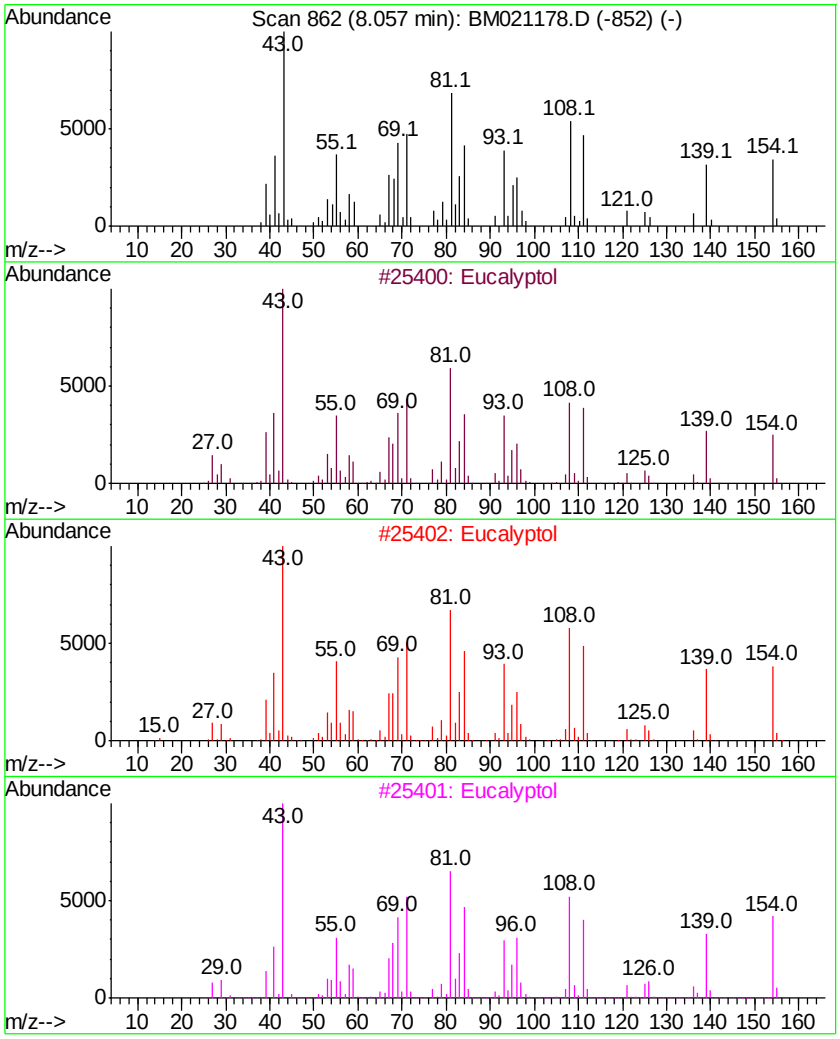
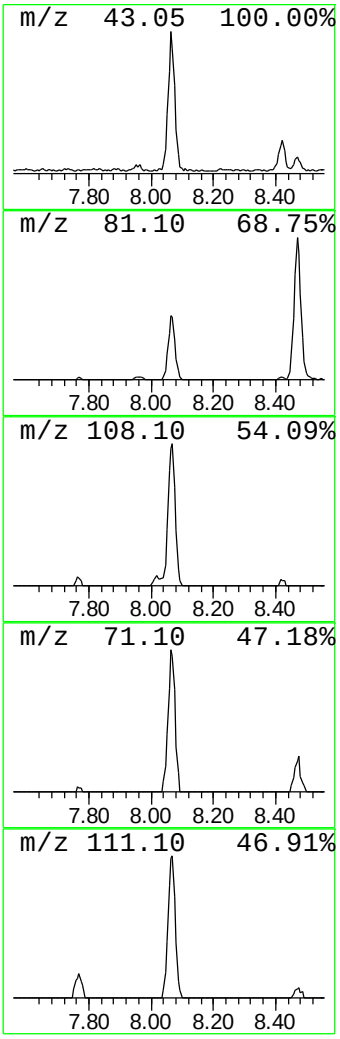
Peak Number 5 Eucalyptol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	5.22 ng/ul	351121	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Eucalyptol	154	C10H18O	000470-82-6	99
3	Eucalyptol	154	C10H18O	000470-82-6	93
4	Eucalyptol	154	C10H18O	000470-82-6	90
5	Eucalyptol	154	C10H18O	000470-82-6	59





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Instrument : BNA_M
ClientSampleId : C5AA8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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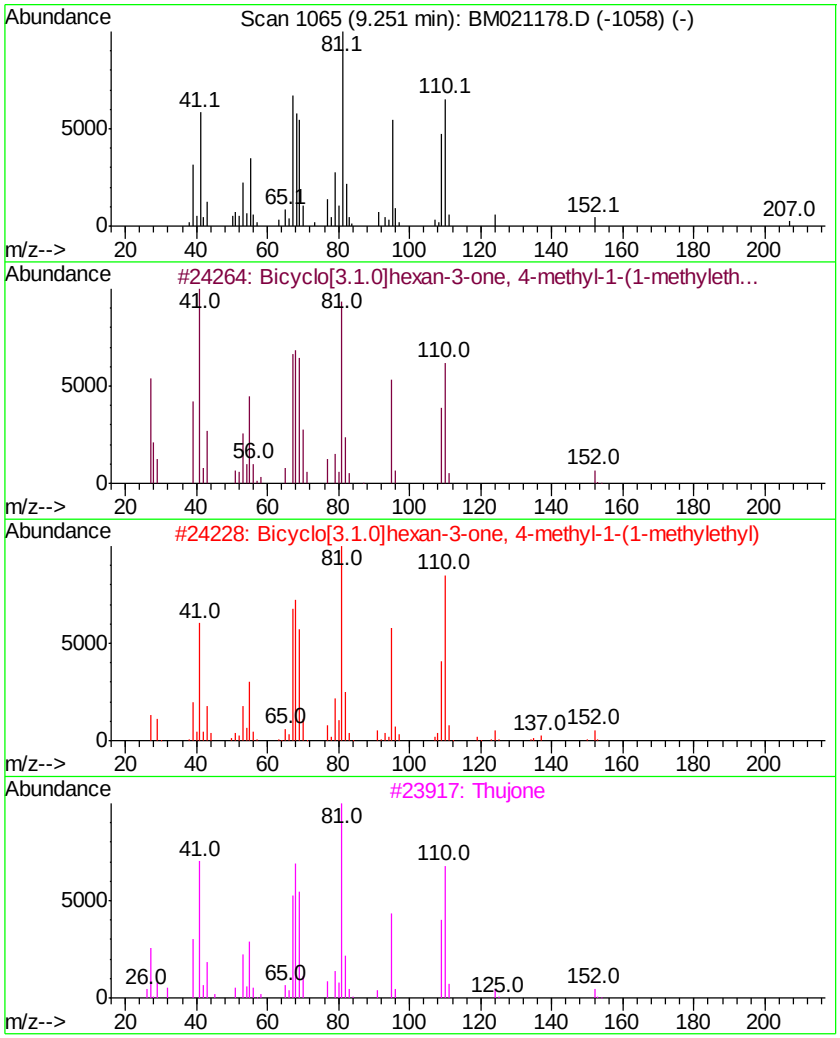
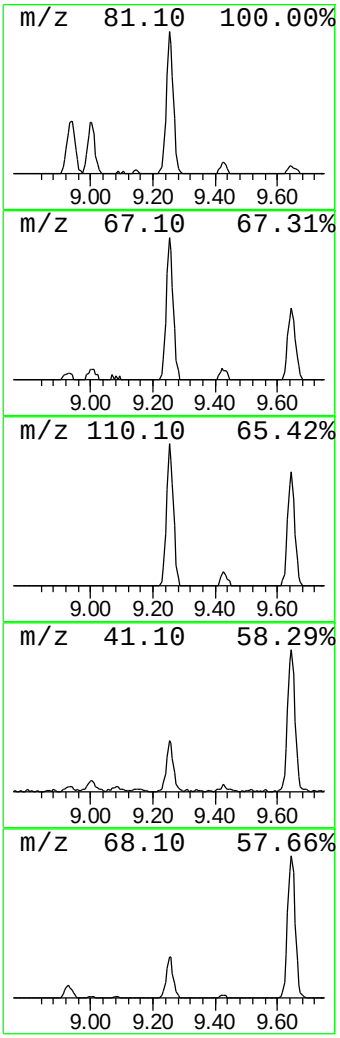
Peak Number 6 Bicyclo[3.1.0]hexan-3-one, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.19 ng/ul	234645	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	93
2	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	91
3	Thujone	152	C10H16O	000546-80-5	91
4	Thujone	152	C10H16O	000546-80-5	81
5	Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	80





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ClientSampleId : C5AA8

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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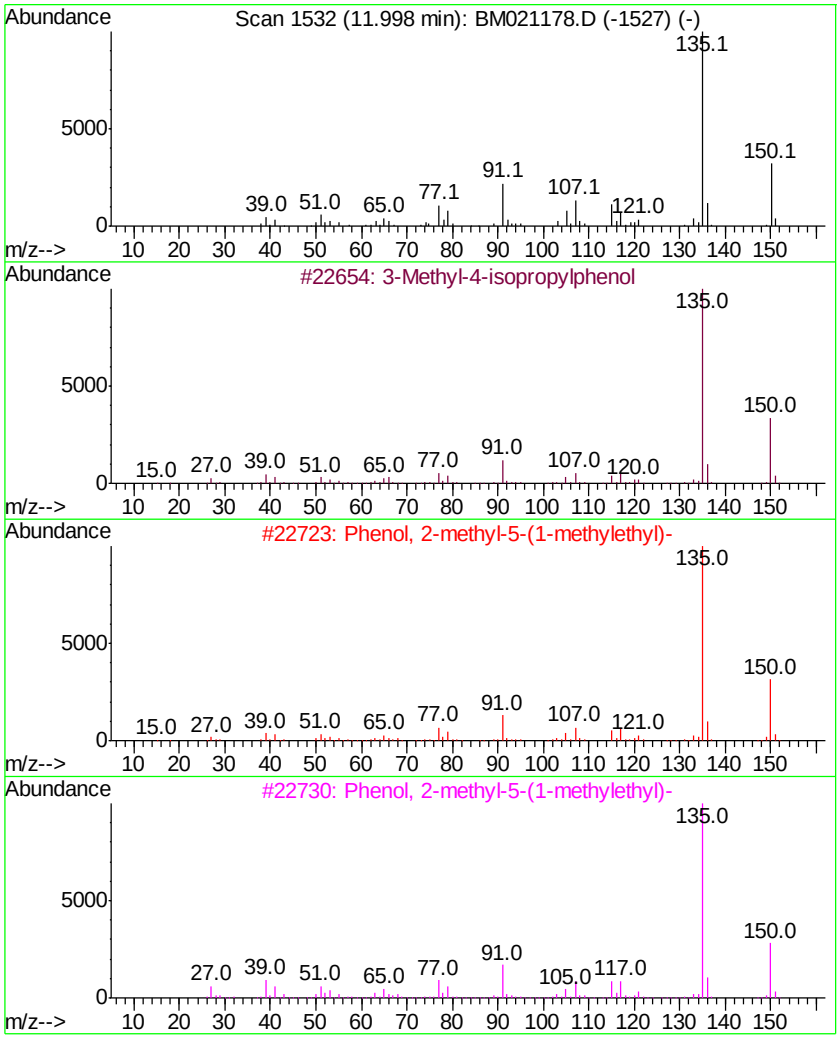
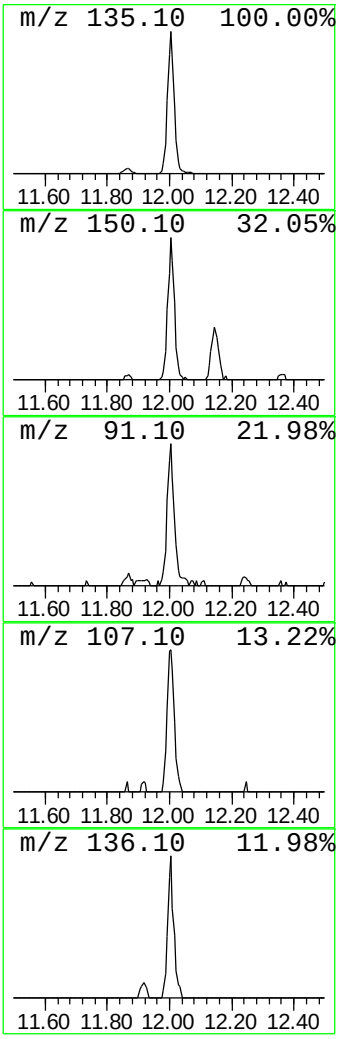
Peak Number 7 3-Methyl-4-isopropylphenol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.06 ng/ul	220885	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	94
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	87
3	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	87
4	Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	86
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	83





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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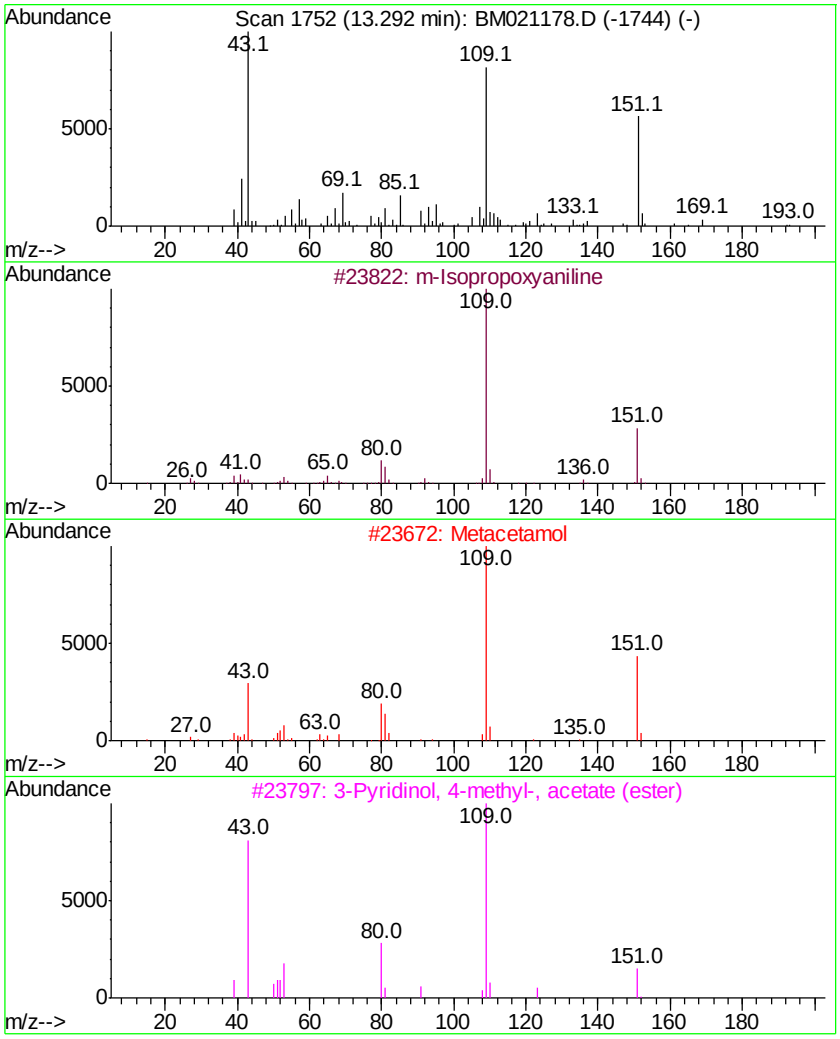
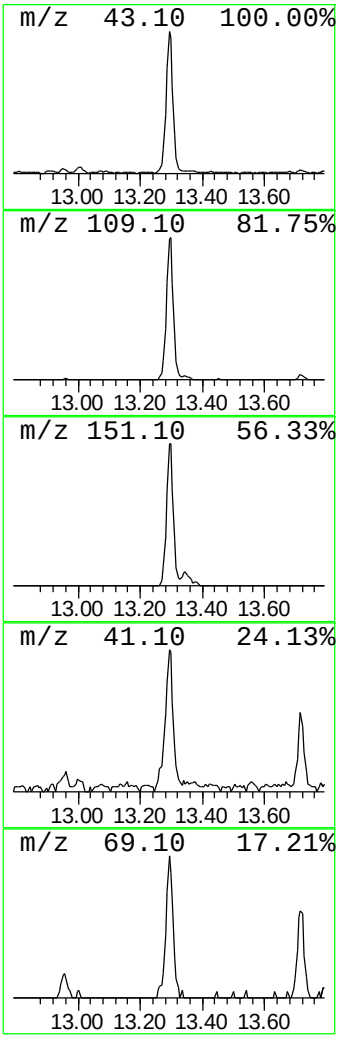
Peak Number 8 m-Isopropoxyaniline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.36 ng/ul	390052	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
4	Metacetamol	151	C8H9NO2	000621-42-1	59
5	N-Cyclopropyl-p-fluorobenzylamine	165	C10H12FN	1000250-88-9	47





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Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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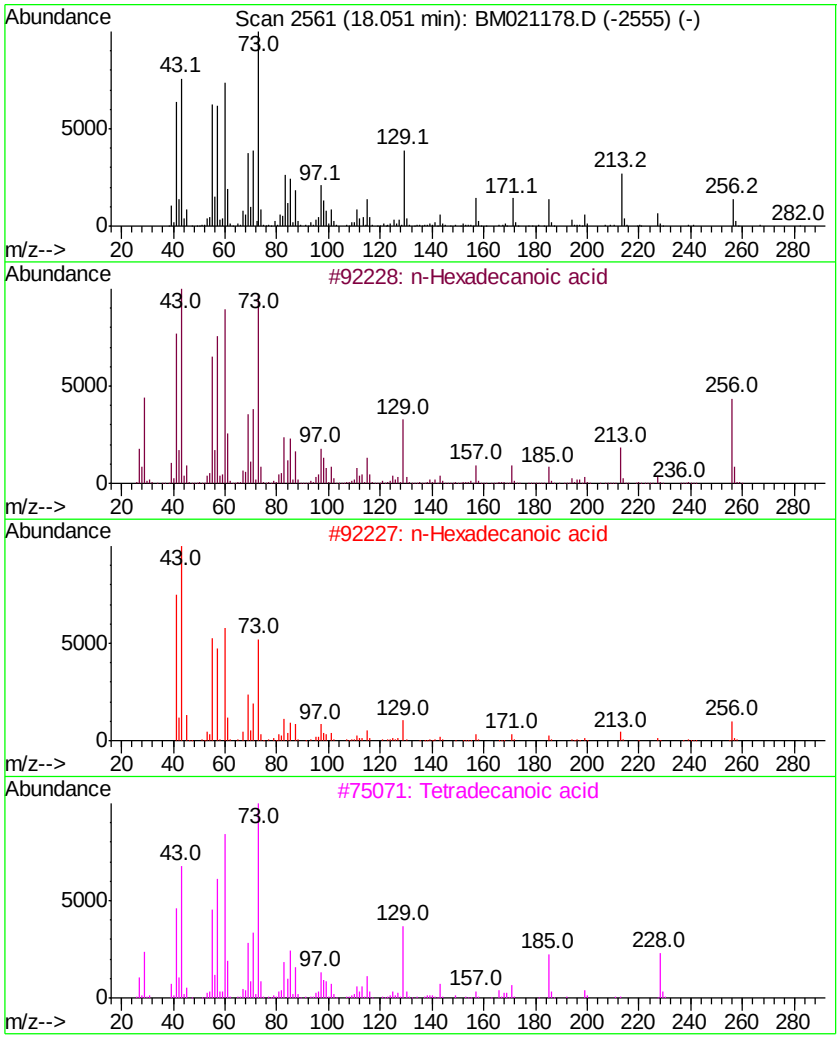
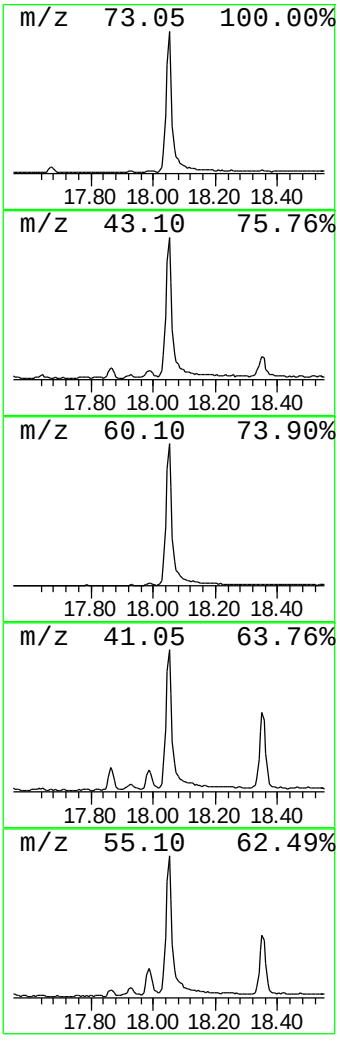
Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	9.49 ng/ul	1998640	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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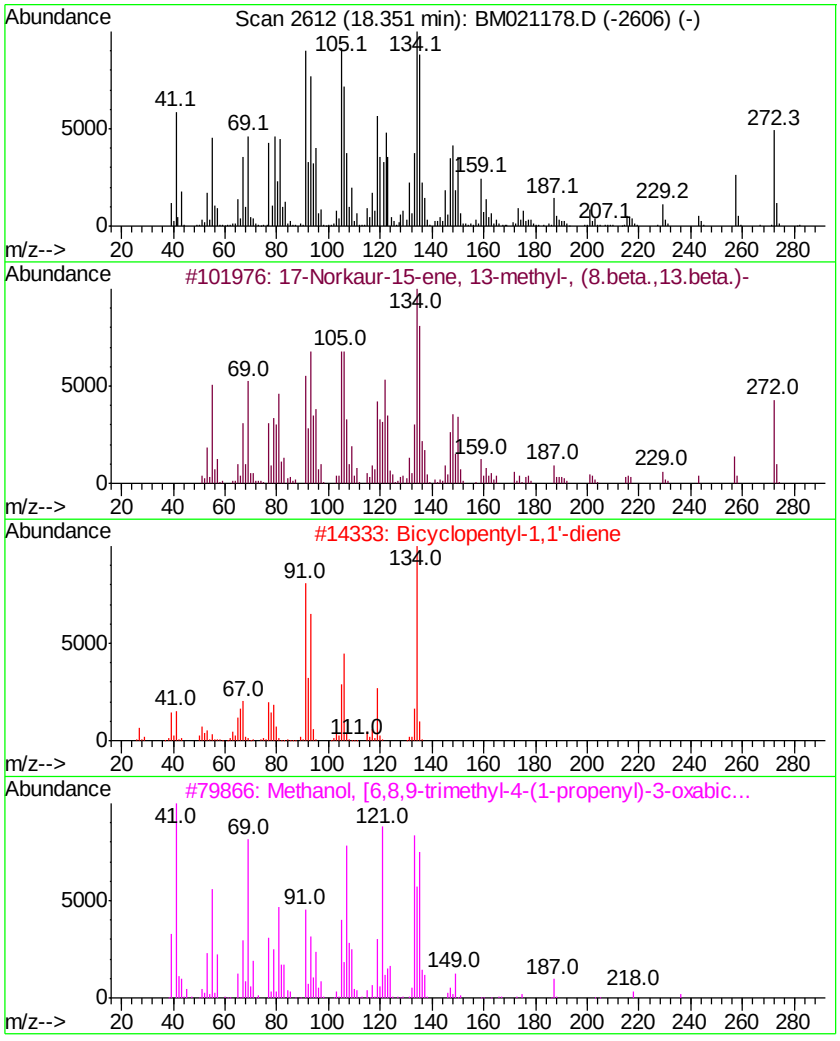
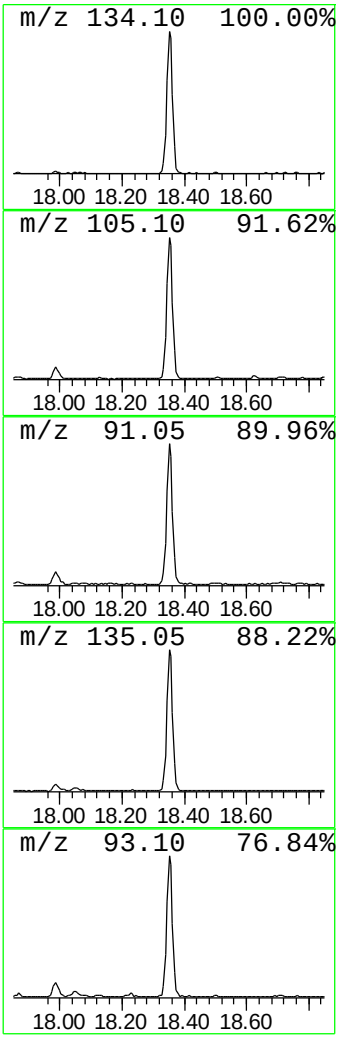
Peak Number 10 17-Norkaur-15-ene, 13-methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	10.24 ng/ul	2158200	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	99
2	Bicyclopentyl-1,1'-diene	134	C10H14	000934-02-1	35
3	Methanol, [6,8,9-trimethyl-4-(1-...	236	C15H24O2	1000277-60-9	35
4	N-Benzylformamide	135	C8H9NO	006343-54-0	30
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	25





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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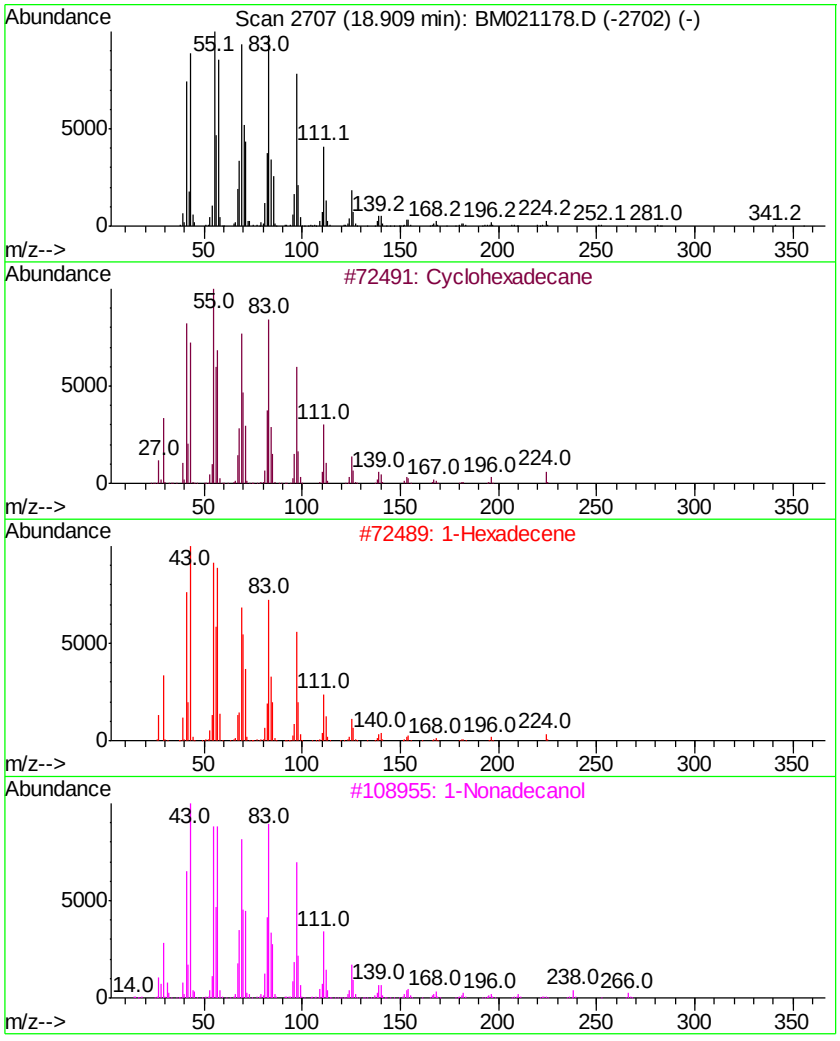
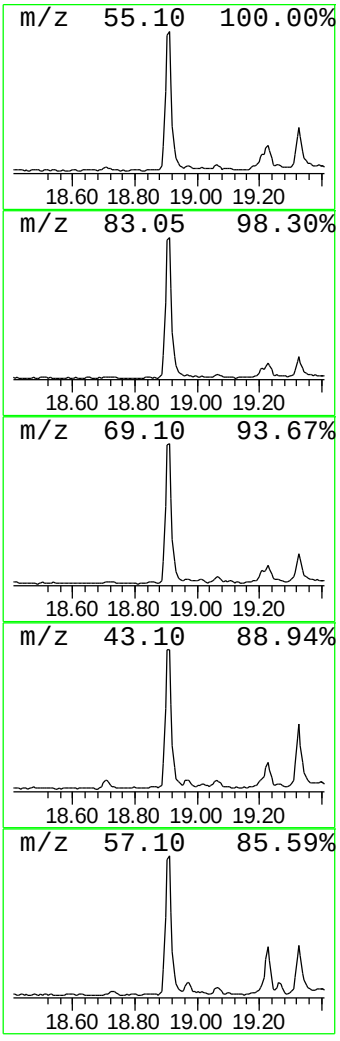
Peak Number 11 (DEL) Alkane: Cyclic18.91 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	7.75 ng/ul	1633810	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Hexadecene	224	C16H32	000629-73-2	95
3	1-Nonadecanol	284	C19H40O	001454-84-8	95
4	1-Heptadecanol	256	C17H36O	001454-85-9	95
5	1-Octadecanol	270	C18H38O	000112-92-5	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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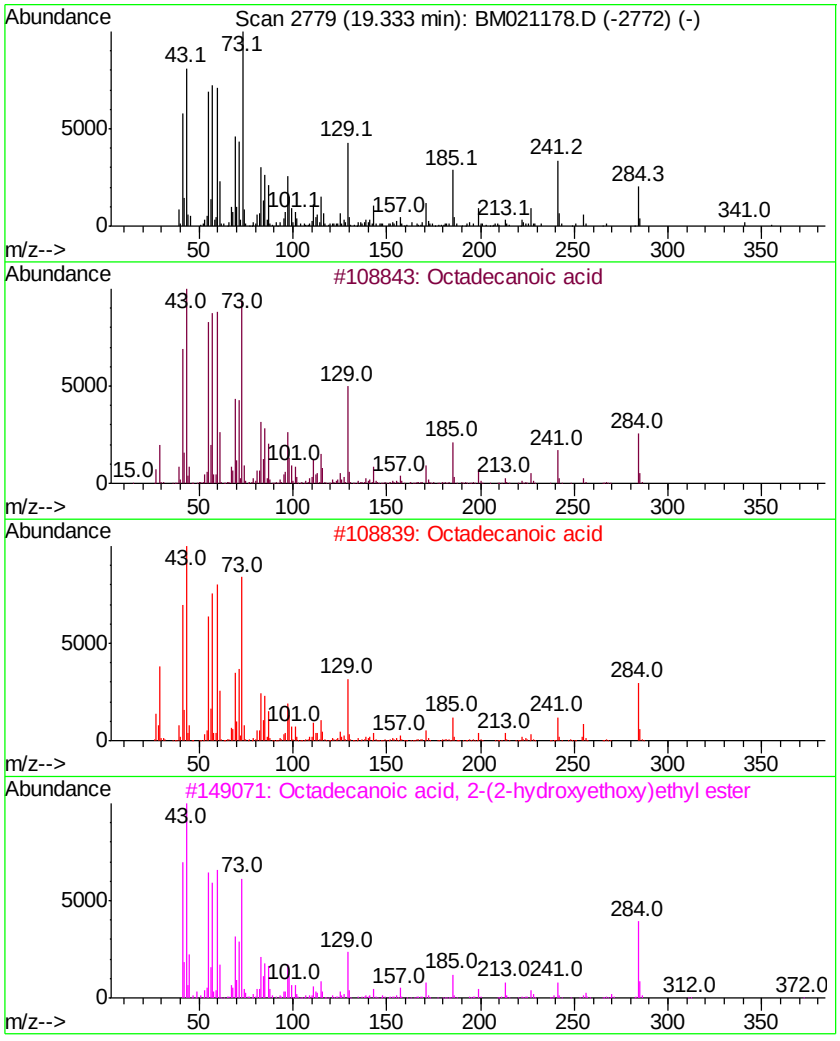
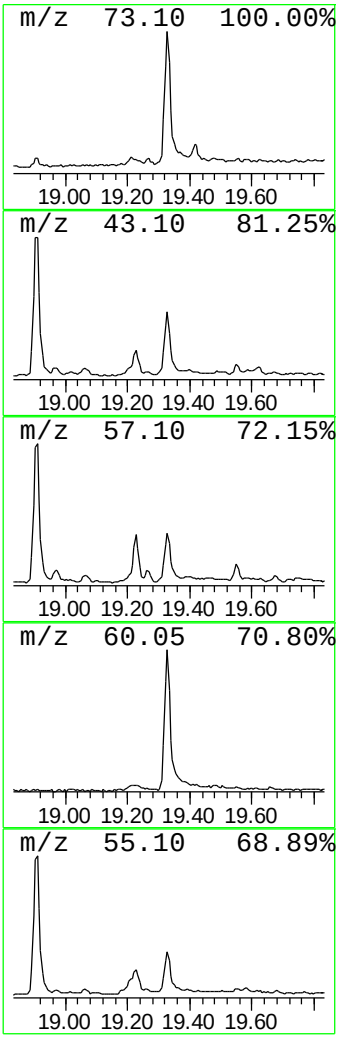
Peak Number 12 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.05 ng/ul	762210	Chrysene-d12	21.34

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	93
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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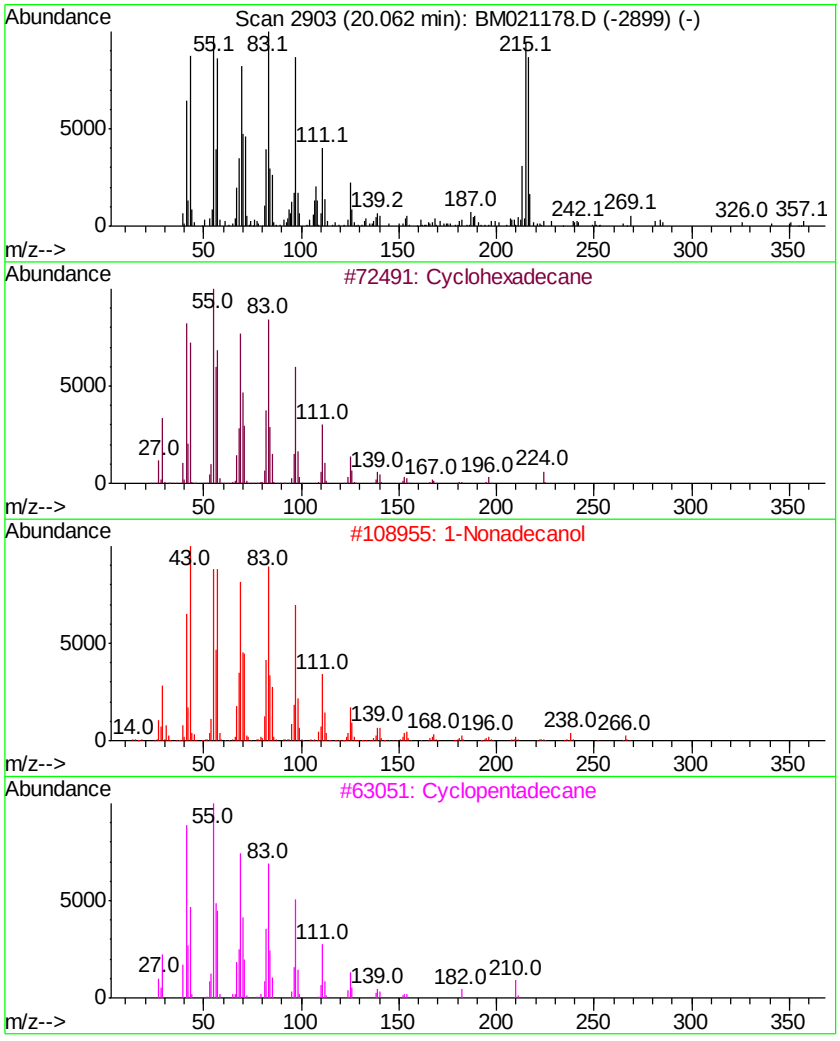
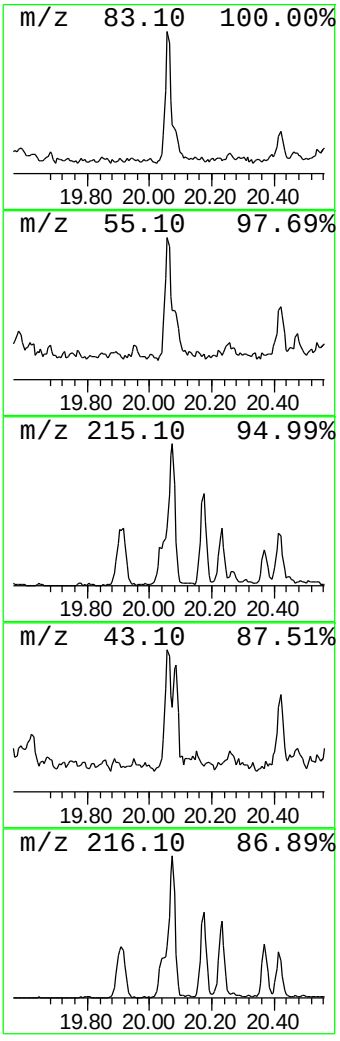
Peak Number 13 (DEL) Alkane: Cyclic20.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.35 ng/ul	586764	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	89
2	1-Nonadecanol	284	C19H40O	001454-84-8	84
3	Cyclopentadecane	210	C15H30	000295-48-7	83
4	1-Octadecanol	270	C18H38O	000112-92-5	70
5	1-Octadecene	252	C18H36	000112-88-9	56





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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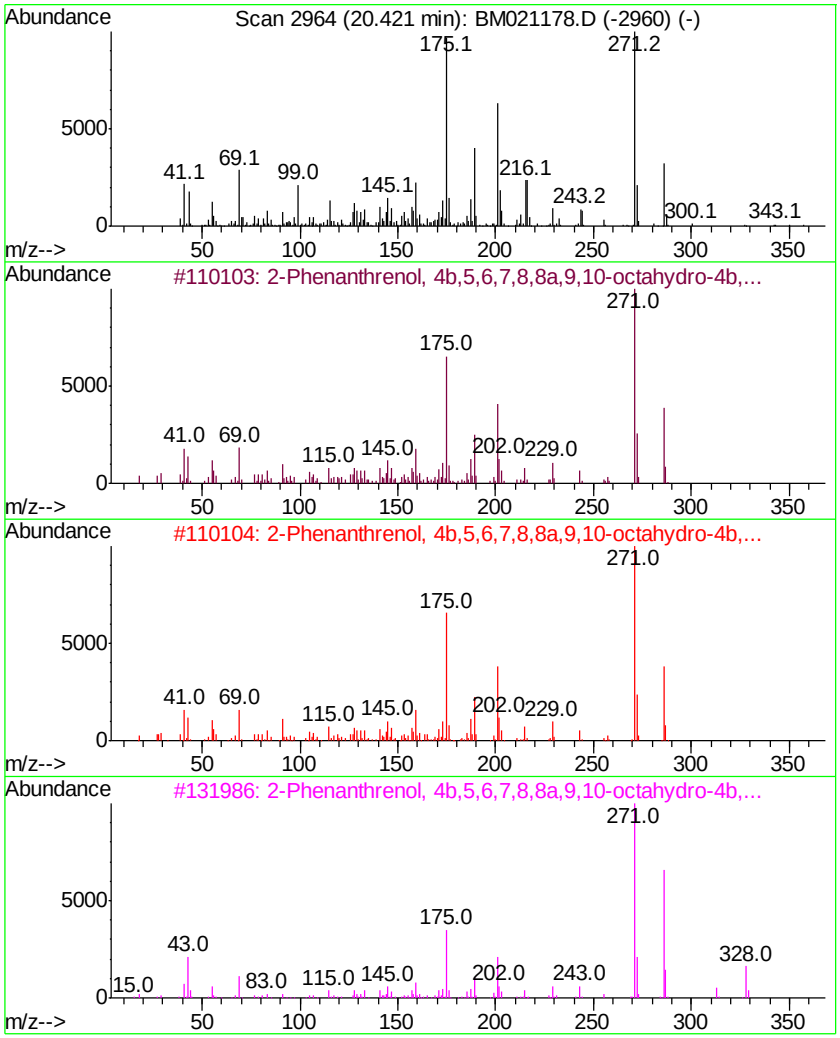
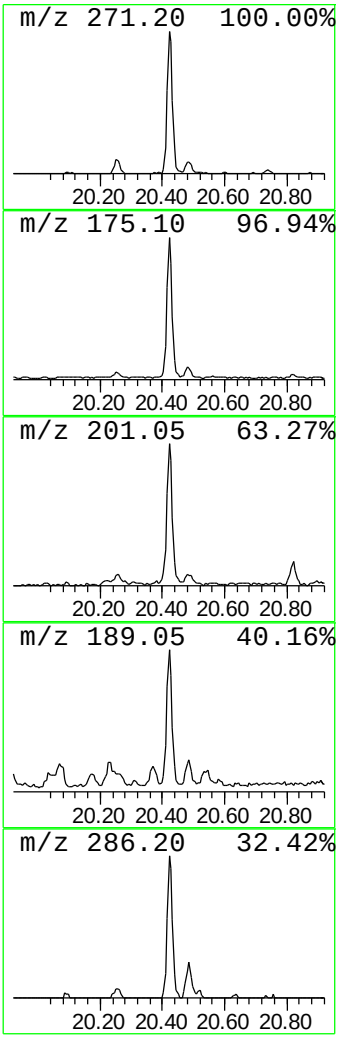
Peak Number 14 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	2.23 ng/ul	557064	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	93
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	87
3	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	83
4	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	216	C16H24	002084-69-7	15





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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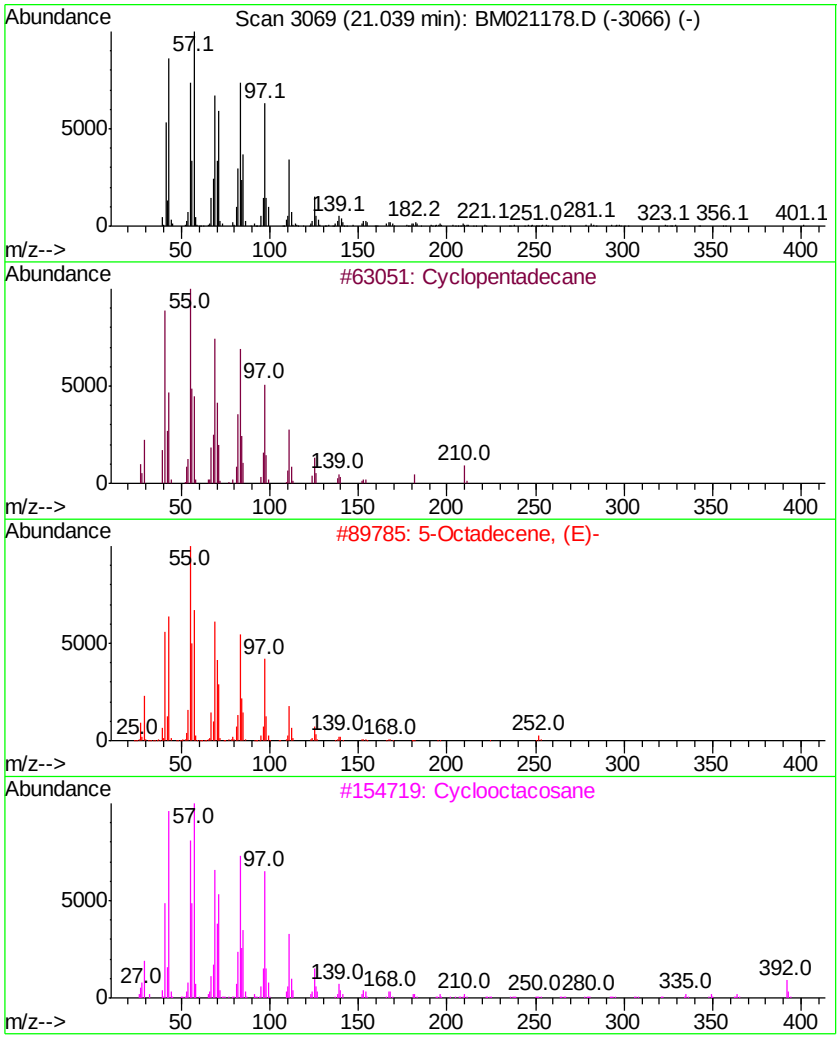
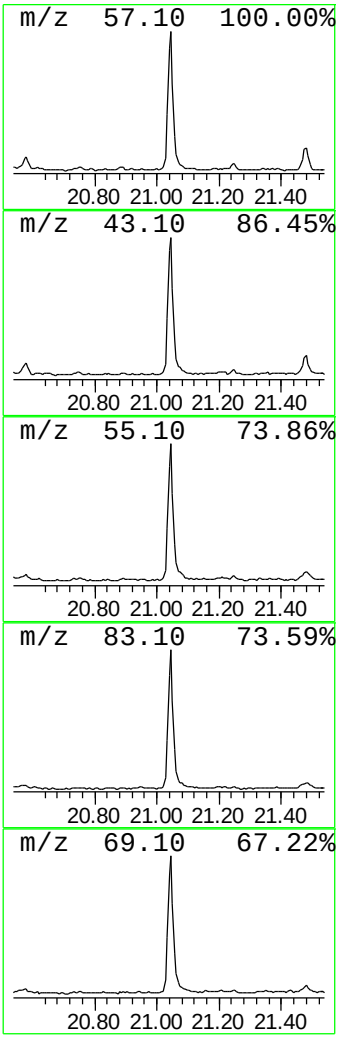
Peak Number 15 (DEL) Alkane: Cyclic21.04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	5.83 ng/ul	1459540	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	Cyclooctacosane	392	C28H56	000297-24-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	89





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Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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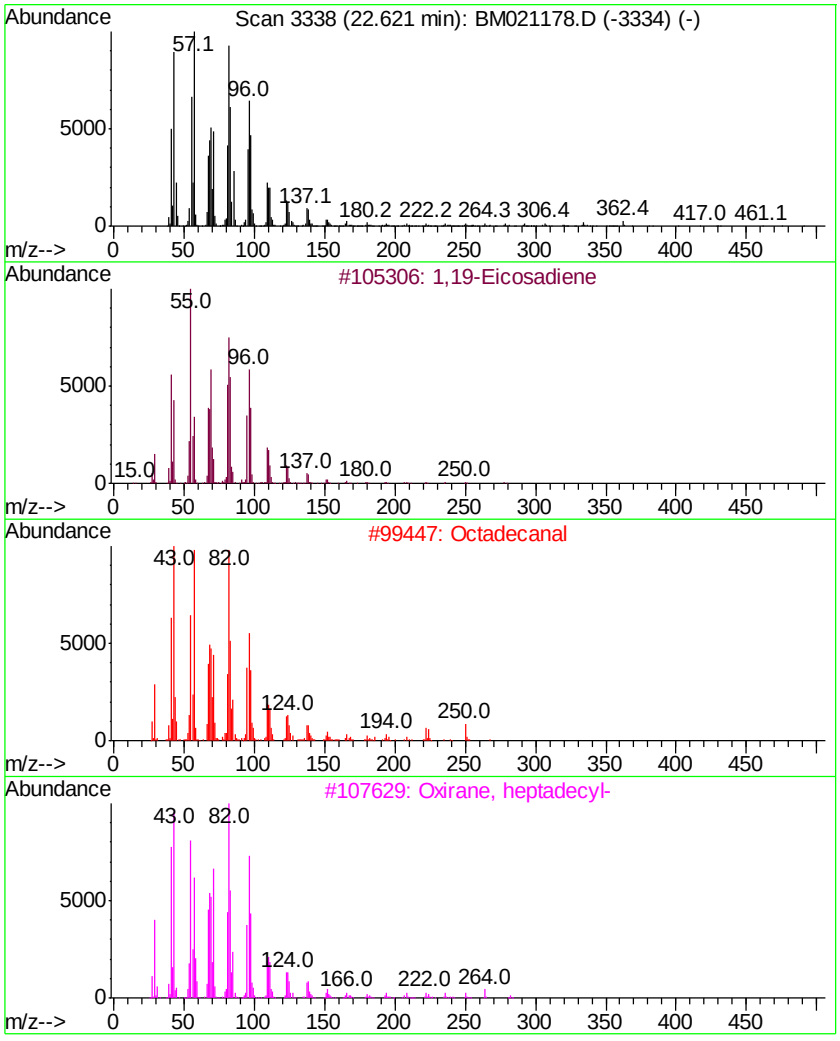
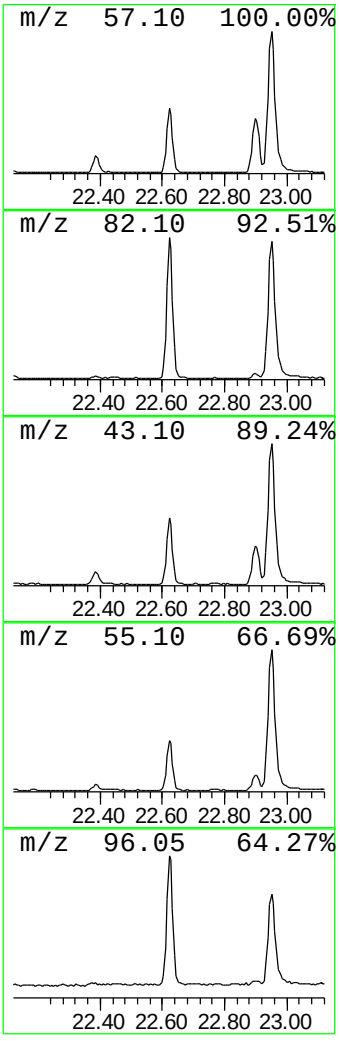
Peak Number 16 1,19-Eicosadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	14.95 ng/ul	2764660	Perylene-d12	23.61

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





Library Search Compound Report

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Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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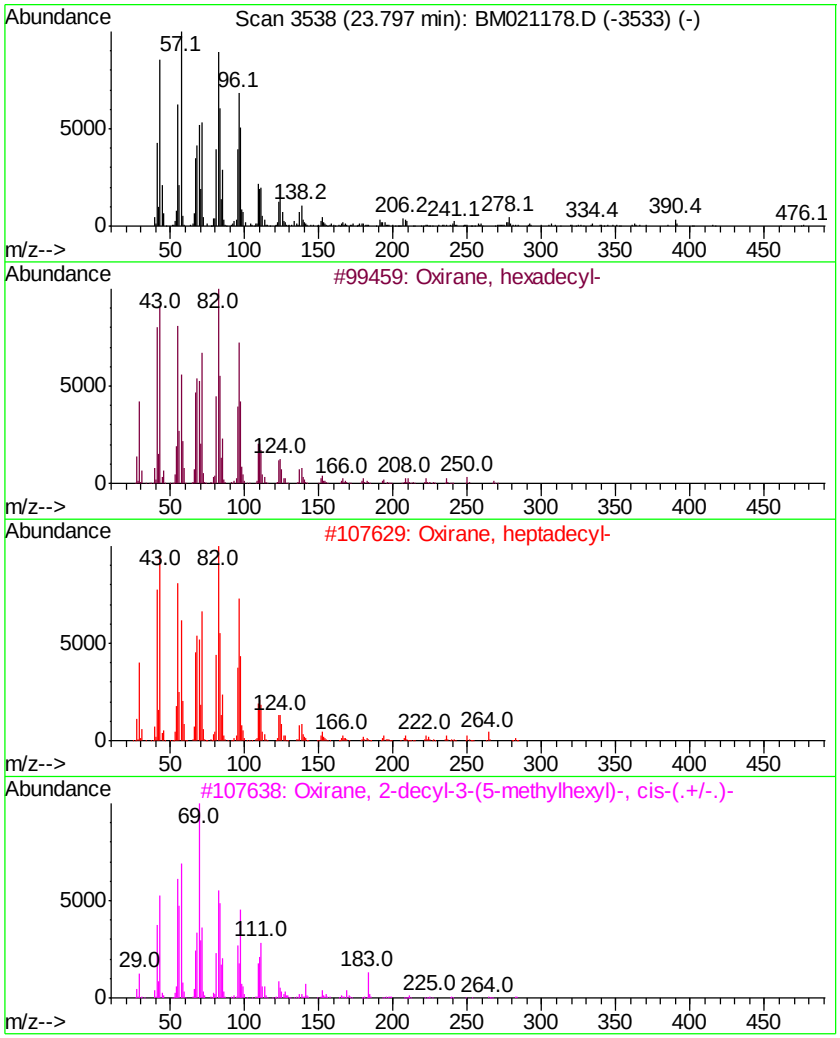
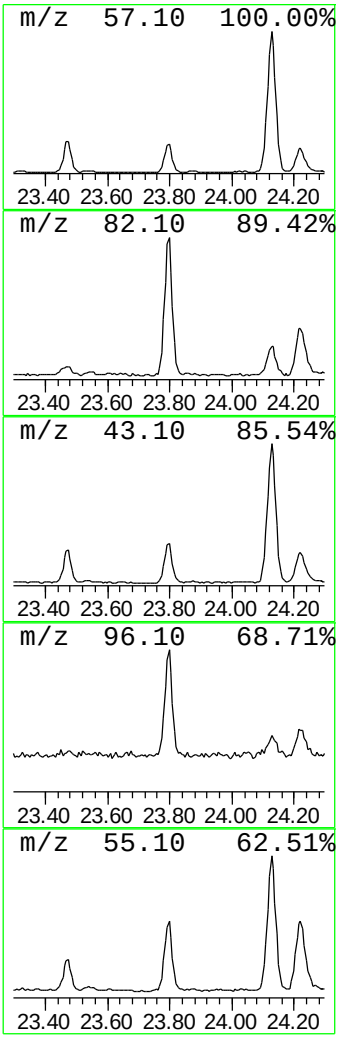
Peak Number 17 Oxirane, hexadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	5.56 ng/ul	1028470	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	Oxirane, 2-decyl-3-(5-methylhexy...	282	C19H38O	057457-72-4	90
4	Octadecanal	268	C18H36O	000638-66-4	87
5	Octadecanal	268	C18H36O	000638-66-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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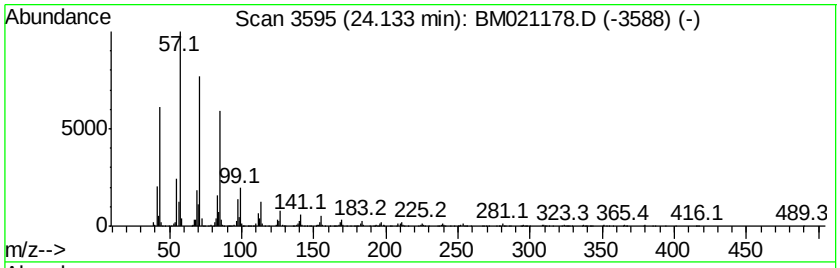
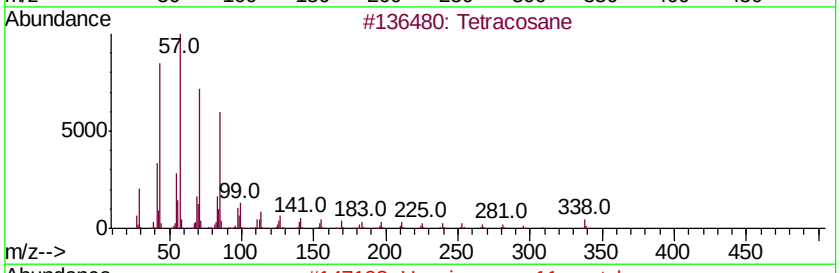
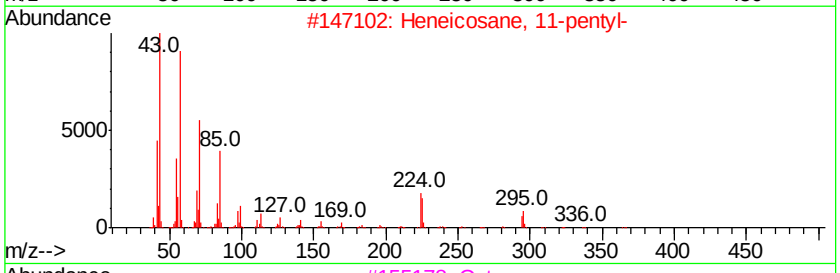
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 3

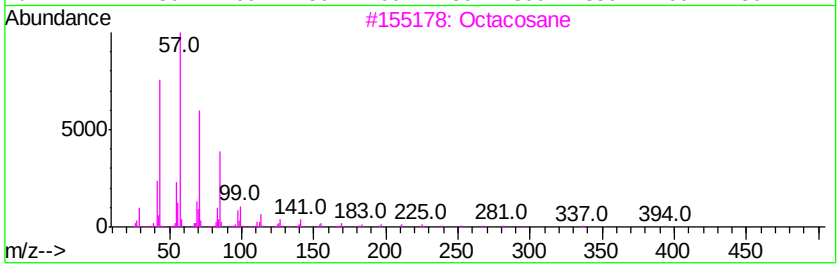
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	14.82 ng/ul	2740190	Perylene-d12	23.61

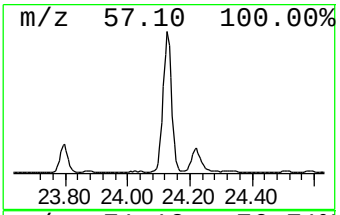
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91

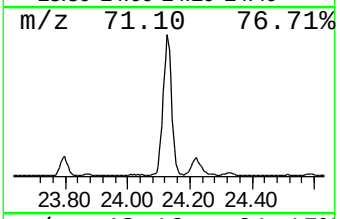


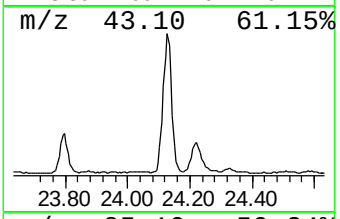


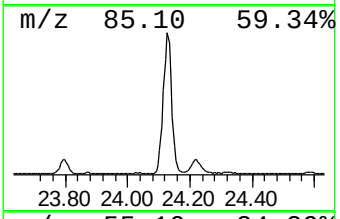


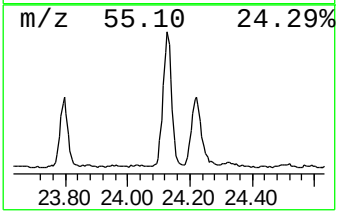












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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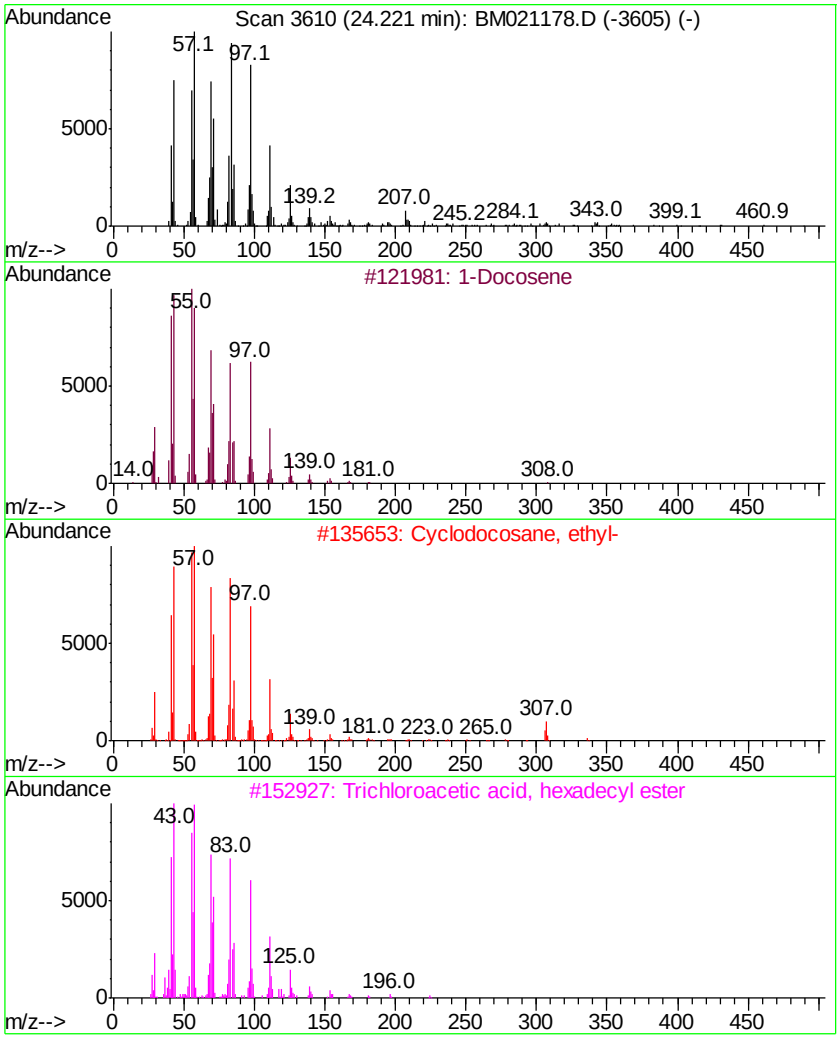
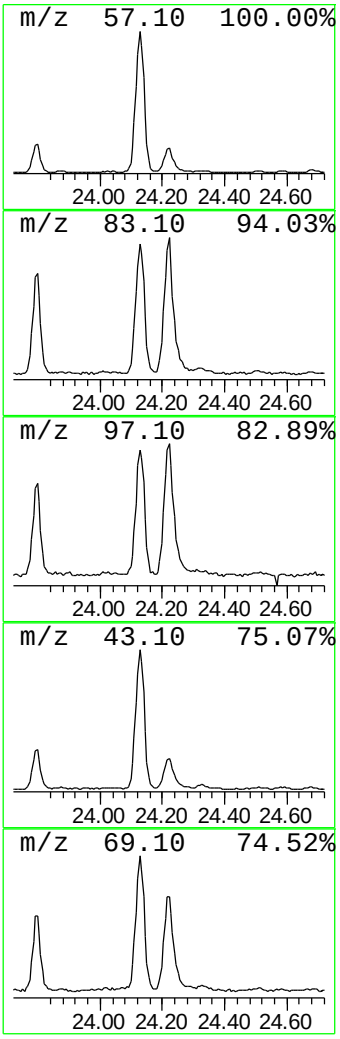
Peak Number 19 (DEL) Alkane: Cyclic24.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	5.45 ng/ul	1007480	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	86
4	Cyclopentadecane	210	C15H30	000295-48-7	83
5	10-Methyl-9-nonadecene	280	C20H40	1000114-07-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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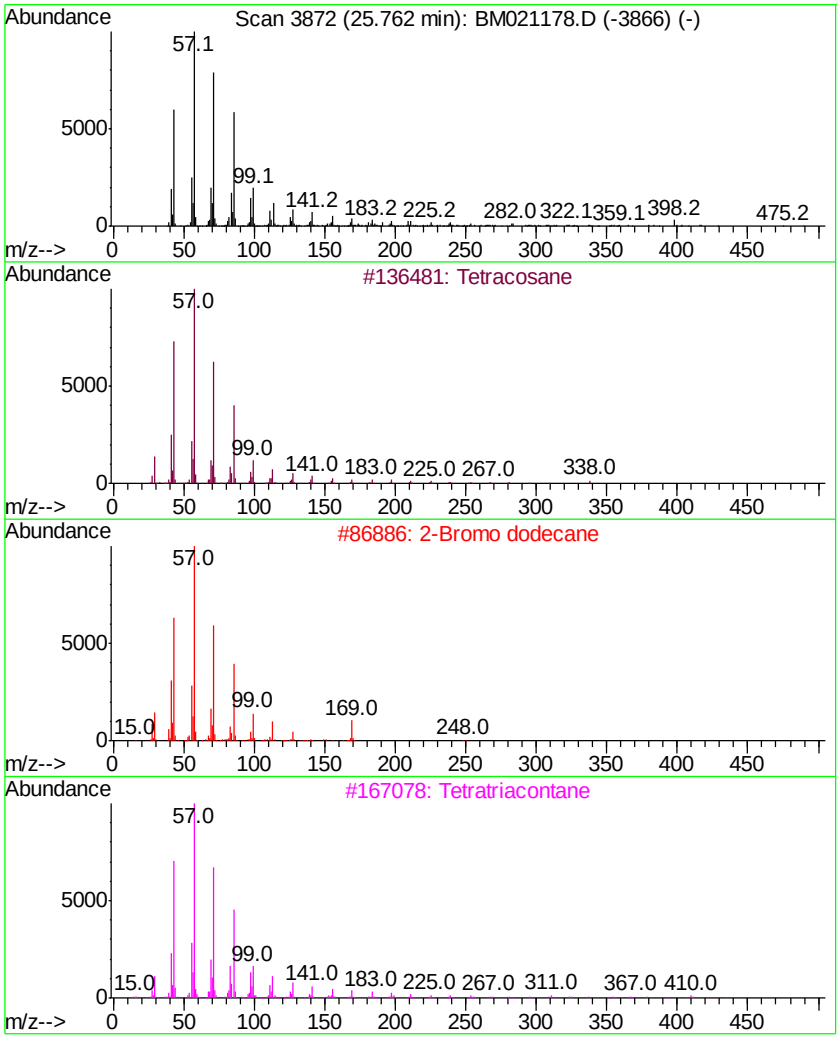
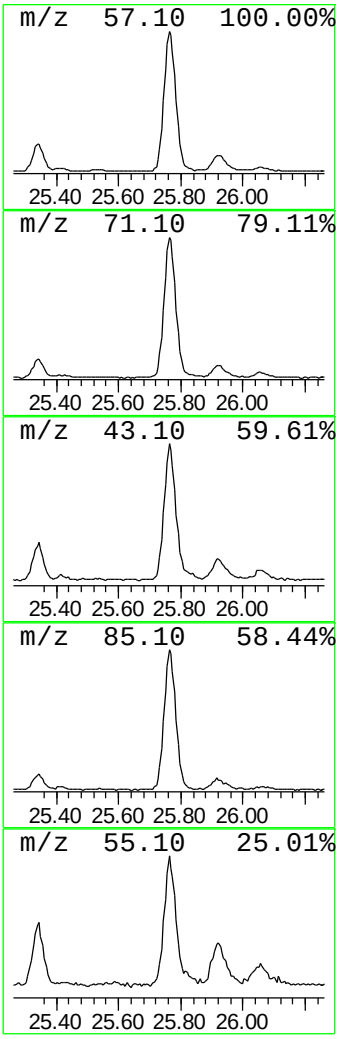
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	9.79 ng/ul	1809350	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3	Tetratriacontane	479	C34H70	014167-59-0	94
4	Eicosane	282	C20H42	000112-95-8	91
5	Triacontane	422	C30H62	000638-68-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021178.D
Acq On : 26 Jun 2019 01:17
Operator : HP/JU
Sample : K3498-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	45.9	ng/ul	3089940	1	7.77	1345990	20.0
Cyclotrisiloxane,...	4.42	4.0	ng/ul	269395	1	7.77	1345990	20.0
Cyclotetrasiloxan...	6.87	2.7	ng/ul	183981	1	7.77	1345990	20.0
Benzene, 1-methyl...	7.89	2.7	ng/ul	180076	1	7.77	1345990	20.0
Eucalyptol	8.06	5.2	ng/ul	351121	1	7.77	1345990	20.0
Bicyclo[3.1.0]hex...	9.25	2.2	ng/ul	234645	2	10.56	2140350	20.0
3-Methyl-4-isopro...	12.00	2.1	ng/ul	220885	2	10.56	2140350	20.0
m-Isopropoxyaniline	13.29	2.4	ng/ul	390052	3	14.41	3301580	20.0
n-Hexadecanoic acid	18.05	9.5	ng/ul	1998640	4	17.16	4213640	20.0
17-Norkaur-15-ene...	18.35	10.2	ng/ul	2158200	4	17.16	4213640	20.0
(DEL) Alkane: Cyc...	18.91	7.8	ng/ul	1633810	4	17.16	4213640	20.0
Octadecanoic acid	19.33	3.0	ng/ul	762210	5	21.34	5003460	20.0
(DEL) Alkane: Cyc...	20.06	2.4	ng/ul	586764	5	21.34	5003460	20.0
2-Phenanthrenol, ...	20.42	2.2	ng/ul	557064	5	21.34	5003460	20.0
(DEL) Alkane: Cyc...	21.04	5.8	ng/ul	1459540	5	21.34	5003460	20.0
1,19-Eicosadiene	22.62	14.9	ng/ul	2764660	6	23.61	3698030	20.0
Oxirane, hexadecyl-	23.80	5.6	ng/ul	1028470	6	23.61	3698030	20.0
(DEL) Alkane: Str...	24.13	14.8	ng/ul	2740190	6	23.61	3698030	20.0
(DEL) Alkane: Cyc...	24.22	5.5	ng/ul	1007480	6	23.61	3698030	20.0
(DEL) Alkane: Str...	25.76	9.8	ng/ul	1809350	6	23.61	3698030	20.0