LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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-BM092719MA.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	3.252	42	45	56	rVB	24472	40321	0.49%	0.067%
2	3.769	130	133	139	rVB	11666	16677	0.20%	0.028%
3	3.893	149	154	161	rVB2	16493	29571	0.36%	0.049%
4	3.981	164	169	177	rVB	36608	50210	0.61%	0.083%
5	4.899	321	325	330	rBV	29173	42799	0.52%	0.071%
6	6.175	527	542	549	rBV	166946	402273	4.86%	0.668%
7	6.681	622	628	635	rVB	30155	44286	0.54%	0.074%
8	6.863	655	659	664	rVB	8404	11237	0.14%	0.019%
9	6.940	664	672	687	rVB2	414258	762758	9.22%	1.266%
10	7.104	693	700	708	rBV	294582	482346	5.83%	0.801%
11	7.304	727	734	744	rVV	431969	701794	8.48%	1.165%
12	7.416	746	753	759	rVB	25190	43663	0.53%	0.072%
13	7.528	768	772	781	rVB2	19212	36430	0.44%	0.060%
14	7.769	805	813	818	rBV	538634	855078	10.33%	1.419%
15	7.840	818	825	846	rVB	2851533	4389297	53.03%	7.285%
16	8.016	851	855	863	rVB4	7561	15480	0.19%	0.026%
17	8.269	893	898	902	rBV3	16296	26213	0.32%	0.044%
18	8.316	902	906	913	rVB3	6314	9427	0.11%	0.016%
19	8.404	916	921	926	rBV2	10381	15593	0.19%	0.026%
20	8.475	926	933	941	rBV	475805	764549	9.24%	1.269%
21	8.922	1003	1009	1018	rVB	370049	601940	7.27%	0.999%
22	9.069	1024	1034	1044	rBV	148048	291020	3.52%	0.483%
23	9.357	1080	1083	1088	rBV	9228	12278	0.15%	0.020%
24	9.639	1125	1131	1143	rBV	310785	510619	6.17%	0.847%
25	10.181	1215	1223	1230	rBV	497725	821336	9.92%	1.363%
26	10.351	1247	1252	1254	rBV4	6623	11815	0.14%	0.020%
27	10.557	1279	1287	1293	rBV	698693	1169737	14.13%	1.941%
28	10.692	1303	1310	1320	rBV	367353	643831	7.78%	1.069%
29	11.463	1434	1441	1446	rBV2	13329	27696	0.33%	0.046%
30	11.522	1446	1451	1455	rVV2	25239	42264	0.51%	0.070%
31	11.569	1455	1459	1467	rVV	22623	44859	0.54%	0.074%
32	11.651	1469	1473	1482	rVB	13555	23776	0.29%	0.039%
33	12.145	1552	1557	1563	rBV	6179	9912	0.12%	0.016%
34	13.310	1749	1755	1763	rBV	52783	86890	1.05%	0.144%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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-BM092719MA.M
Title : SVOA CALIBRATION

35	13.639	1802	1811	1817	rVB	425361	552789	6.68%	0.917%
36	13.816	1835	1841	1845	rBV	779550	1082622	13.08%	1.797%
37	13.863	1845	1849	1855	rVB	373726	492965	5.96%	0.818%
38	14.098	1880	1889	1899	rBV	951944	1398139	16.89%	2.321%
39	14.316	1919	1926	1931	rBV	33674	46729	0.56%	0.078%
40	14.404	1935	1941	1950	rBV	995430	1434428	17.33%	2.381%
41	14.610	1969	1976	1988	rBV	136861	231775	2.80%	0.385%
42	14.763	1998	2002	2006	rBV4	7147	9847	0.12%	0.016%
43	14.821	2006	2012	2019	rVV4	36905	54615	0.66%	0.091%
44	15.245	2075	2084	2090	rBV	133857	178215	2.15%	0.296%
45	15.398	2104	2110	2116	rBV	1154525	1634513	19.75%	2.713%
46	15.445	2116	2118	2125	rVB5	10194	17280	0.21%	0.029%
47	15.515	2125	2130	2140	rBV	233234	322542	3.90%	0.535%
48	15.639	2146	2151	2155	rBV	10324	14732	0.18%	0.024%
49	15.951	2199	2204	2212	rBV2	22349	37139	0.45%	0.062%
50	16.092	2223	2228	2232	rBV	86268	121396	1.47%	0.201%
51	16.151	2236	2238	2241	rVV2	11296	13805	0.17%	0.023%
52	16.498	2289	2297	2300	rBV6	6793	14662	0.18%	0.024%
53	16.551	2303	2306	2314	rVB5	8335	17553	0.21%	0.029%
54	16.633	2314	2320	2327	rBV3	15040	27926	0.34%	0.046%
55	16.921	2364	2369	2370	rBV3	7530	11310	0.14%	0.019%
56	17.051	2387	2391	2397	rBV5	9867	15092	0.18%	0.025%
57	17.145	2399	2407	2412	rVV2	1121059	1524417	18.42%	2.530%
58	17.186	2412	2414	2418	rVV	49626	55673	0.67%	0.092%
59	17.245	2418	2424	2434	rVV	1208594	1699632	20.54%	2.821%
60	17.533	2467	2473	2476	rBV7	21427	35344	0.43%	0.059%
61	17.651	2489	2493	2499	rBV	33050	44309	0.54%	0.074%
62	17.733	2504	2507	2511	rVV5	13989	15064	0.18%	0.025%
63	17.821	2518	2522	2527	rBV5	8216	11684	0.14%	0.019%
64	17.927	2535	2540	2545	rBV4	15816	33558	0.41%	0.056%
65	17.998	2547	2552	2556	rVV3	31432	49497	0.60%	0.082%
66	18.045	2556	2560	2567	rVB2	67108	97857	1.18%	0.162%
67	18.151	2575	2578	2580	rBV2	16253	19542	0.24%	0.032%
68	18.180	2580	2583	2586	rVV3	20075	21308	0.26%	0.035%
69	18.215	2586	2589	2593	rVB3	18215	25271	0.31%	0.042%
70	18.280	2597	2600	2606	rVB4	18945	25331	0.31%	0.042%
71	18.345	2608	2611	2616	rBV5	13209	19914	0.24%	0.033%

LSC Area Percent Report

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Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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-BM092719MA.M
Title : SVOA CALIBRATION

72	18.445	2623	2628	2633	rBV	5127811	6071253	73.35%	10.077%
73	18.527	2635	2642	2646	rBV2	342893	516204	6.24%	0.857%
74	18.562	2646	2648	2654	rVB6	17744	18788	0.23%	0.031%
75	18.715	2670	2674	2679	rBV2	40194	55213	0.67%	0.092%
76	18.815	2687	2691	2695	rBV	110120	124326	1.50%	0.206%
77	18.904	2702	2706	2710	rBV2	88228	118834	1.44%	0.197%
78	18.980	2715	2719	2725	rBV2	44755	61691	0.75%	0.102%
79	19.168	2749	2751	2753	rBV	11840	12672	0.15%	0.021%
80	19.203	2753	2757	2761	rVV	124440	169035	2.04%	0.281%
81	19.251	2761	2765	2770	rVB	573094	638375	7.71%	1.060%
82	19.539	2808	2814	2829	rBV	1567744	2299943	27.79%	3.817%
83	19.792	2853	2857	2867	rBV	157094	202825	2.45%	0.337%
84	19.950	2881	2884	2887	rBV3	42510	44148	0.53%	0.073%
85	20.056	2898	2902	2905	rBV2	157671	201664	2.44%	0.335%
86	20.092	2905	2908	2913	rVB	200869	223952	2.71%	0.372%
87	20.574	2986	2990	2996	rBV	324614	433497	5.24%	0.719%
88	21.050	3064	3071	3078	rBV3	2305616	3446843	41.65%	5.721%
89	21.127	3080	3084	3089	rVB	7047026	8276616	100.00%	13.737%
90	21.250	3102	3105	3109	rVB	149702	161672	1.95%	0.268%
91	21.327	3113	3118	3123	rBV	1402119	1919669	23.19%	3.186%
92	21.492	3143	3146	3150	rVB	179980	192212	2.32%	0.319%
93	21.633	3166	3170	3174	rBV	485744	571636	6.91%	0.949%
94	21.927	3216	3220	3231	rVB3	1084825	1696282	20.49%	2.815%
95	22.386	3296	3298	3302	rBV	113396	127815	1.54%	0.212%
96	22.903	3381	3386	3389	rBV2	545203	847695	10.24%	1.407%
97	22.944	3389	3393	3405	rVB	599873	1015507	12.27%	1.685%
98	23.439	3471	3477	3488	rVB	1161735	2421154	29.25%	4.018%
99	23.580	3496	3501	3508	rVB	1018195	1866350	22.55%	3.098%
100	26.674	4021	4027	4041	rVB3	714789	2068843	25.00%	3.434%

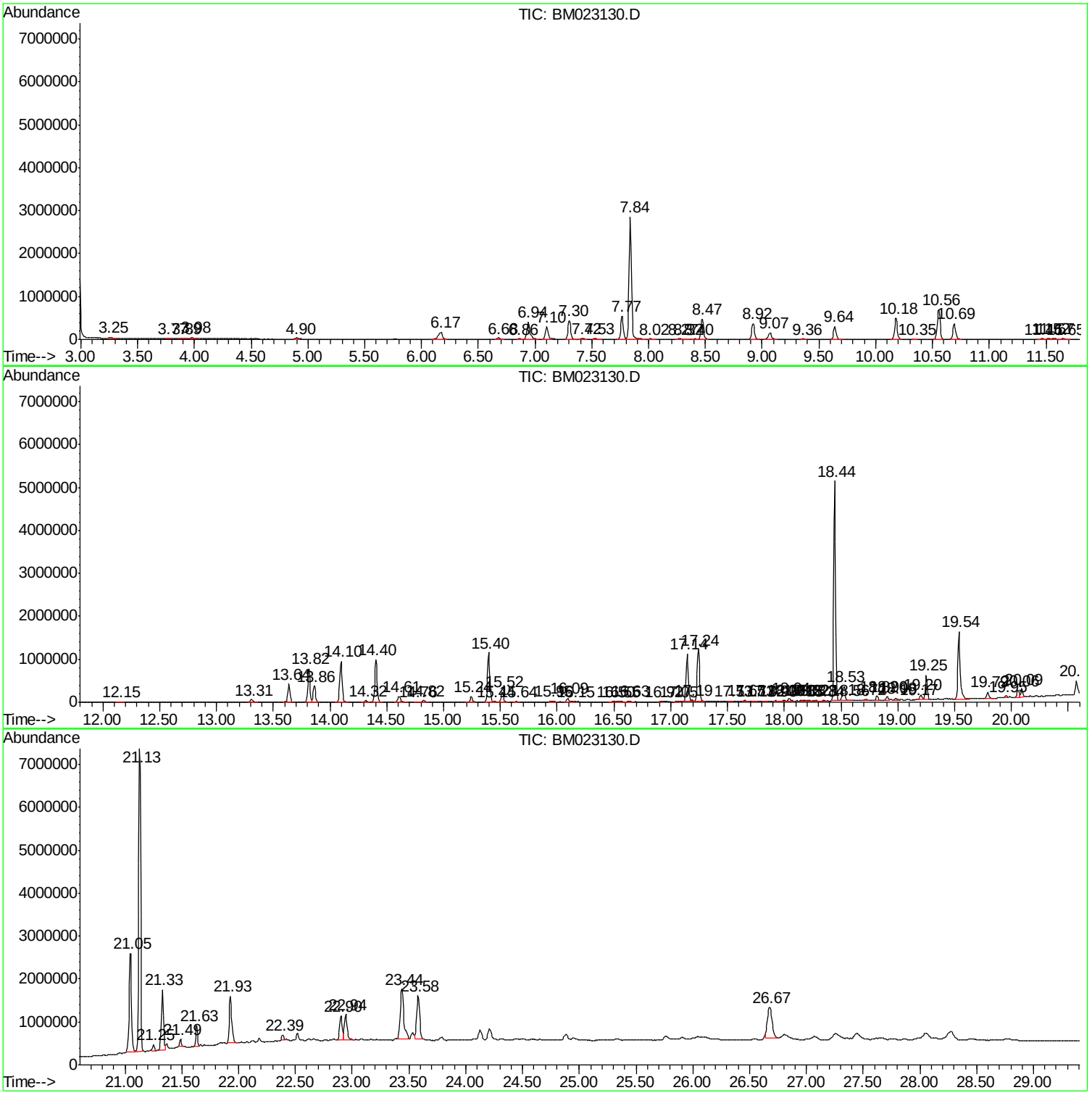
Sum of corrected areas: 60251164

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLMA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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\BM101119\
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Instrument :
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Quant Title : SVOA CALIBRATION

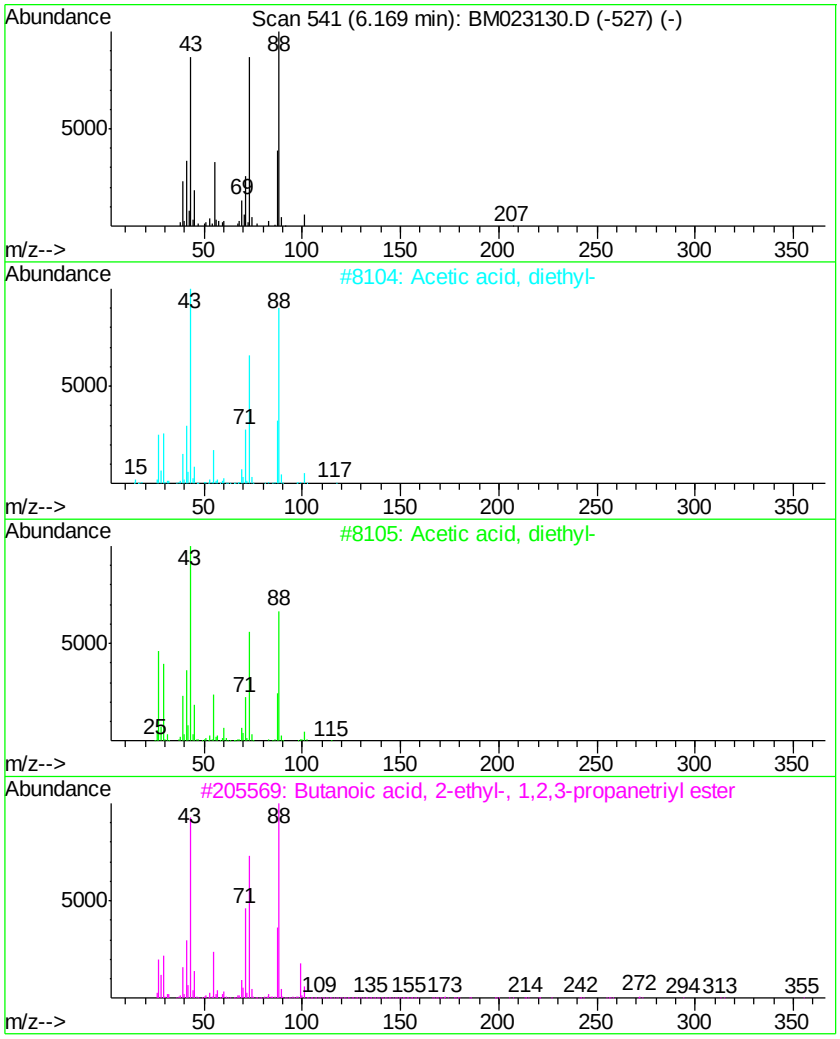
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

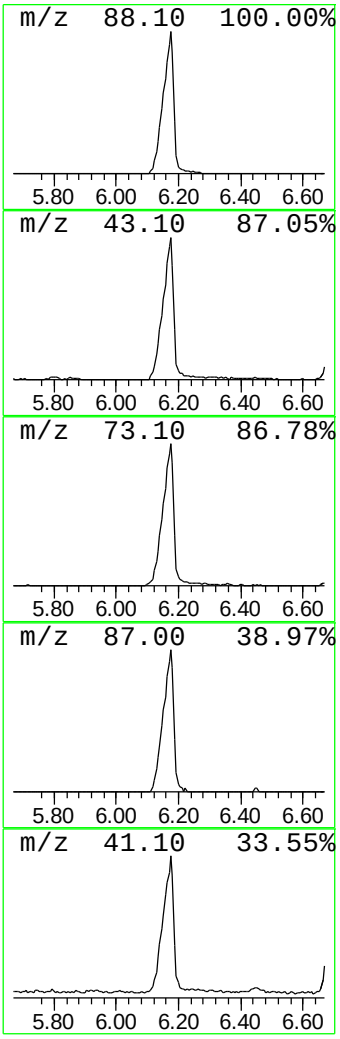
****

Peak Number 1 Acetic acid, diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	9.41 ng/ul	402273	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	72
2	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	64
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	43
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	35
5	Urea, ethyl-	88	C3H8N2O	000625-52-5	35





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

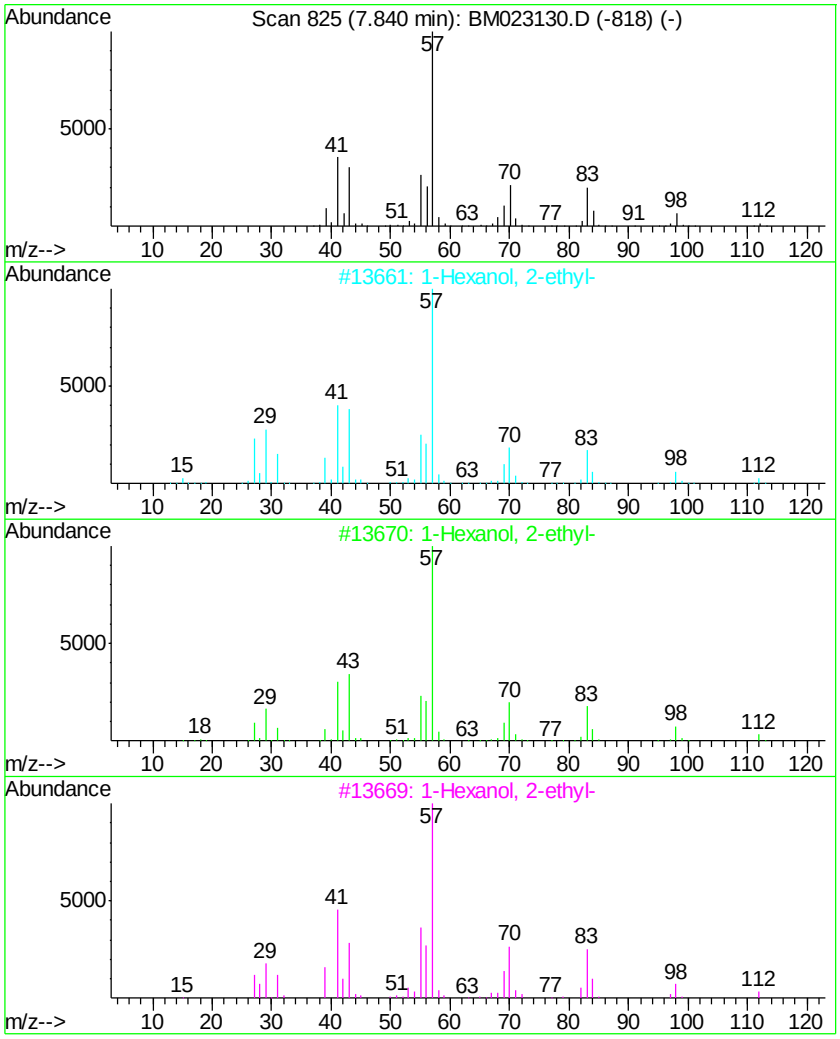
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

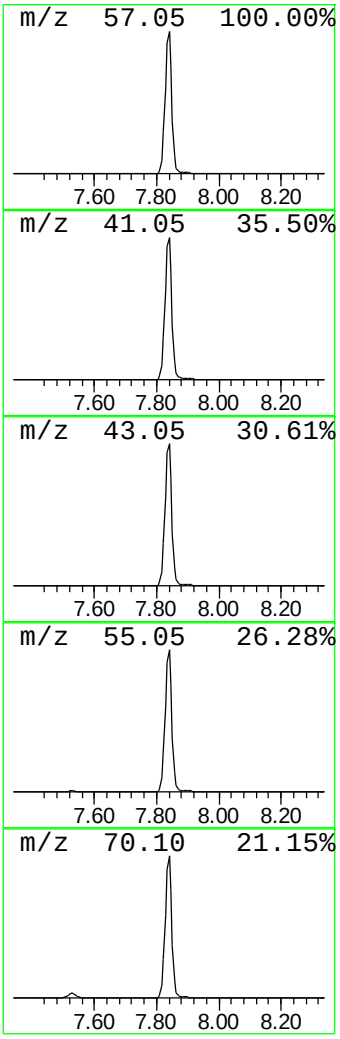
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	102.66 ng/ul	4389300	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
5	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

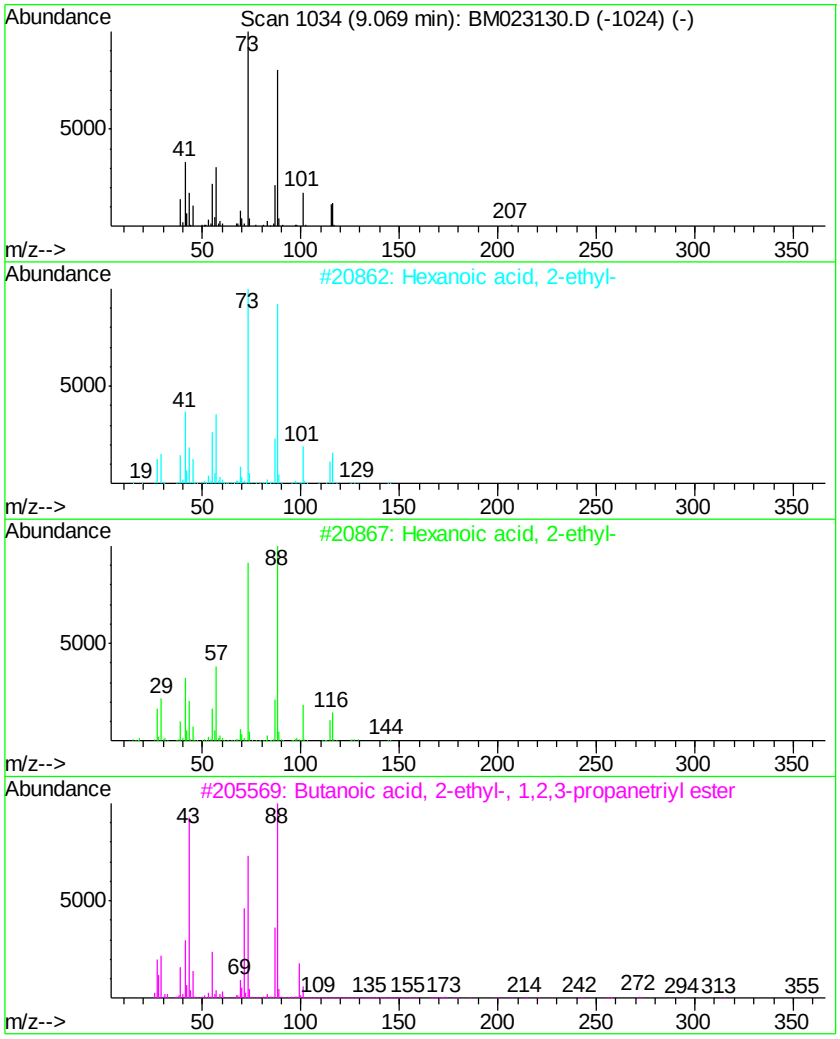
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

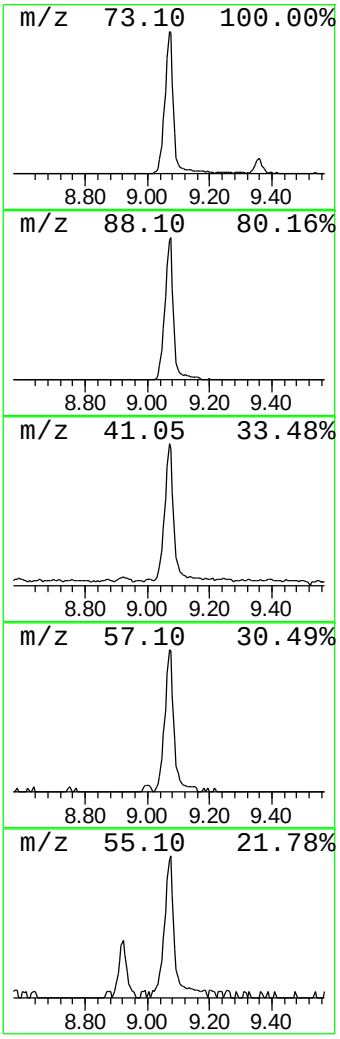
****

Peak Number 3 Hexanoic acid, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	6.81 ng/ul	291020	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	40





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

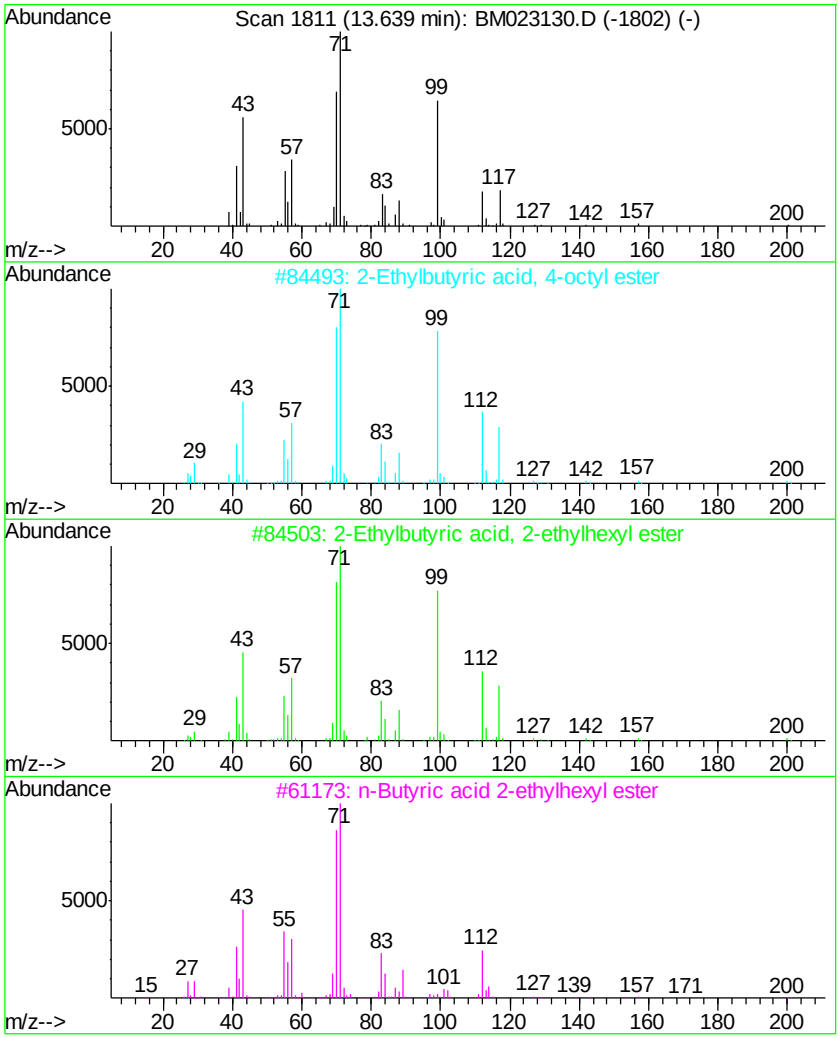
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

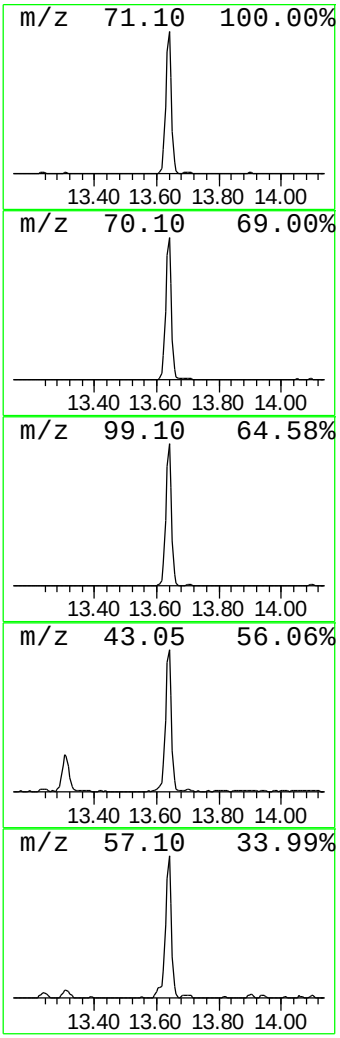
****

Peak Number 4 2-Ethylbutyric acid, 4-octy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	7.71 ng/ul	552789	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylbutyric acid, 4-octyl ester	228	C14H28O2	1000369-51-1	90
2	2-Ethylbutyric acid, 2-ethylhexy...	228	C14H28O2	1000369-63-4	74
3	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	58
4	2-Methylvaleric acid, 2-ethylhex...	228	C14H28O2	1000357-75-9	53
5	2-Ethylbutyric acid, 2-nitrophen...	237	C12H15NO4	1000369-86-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

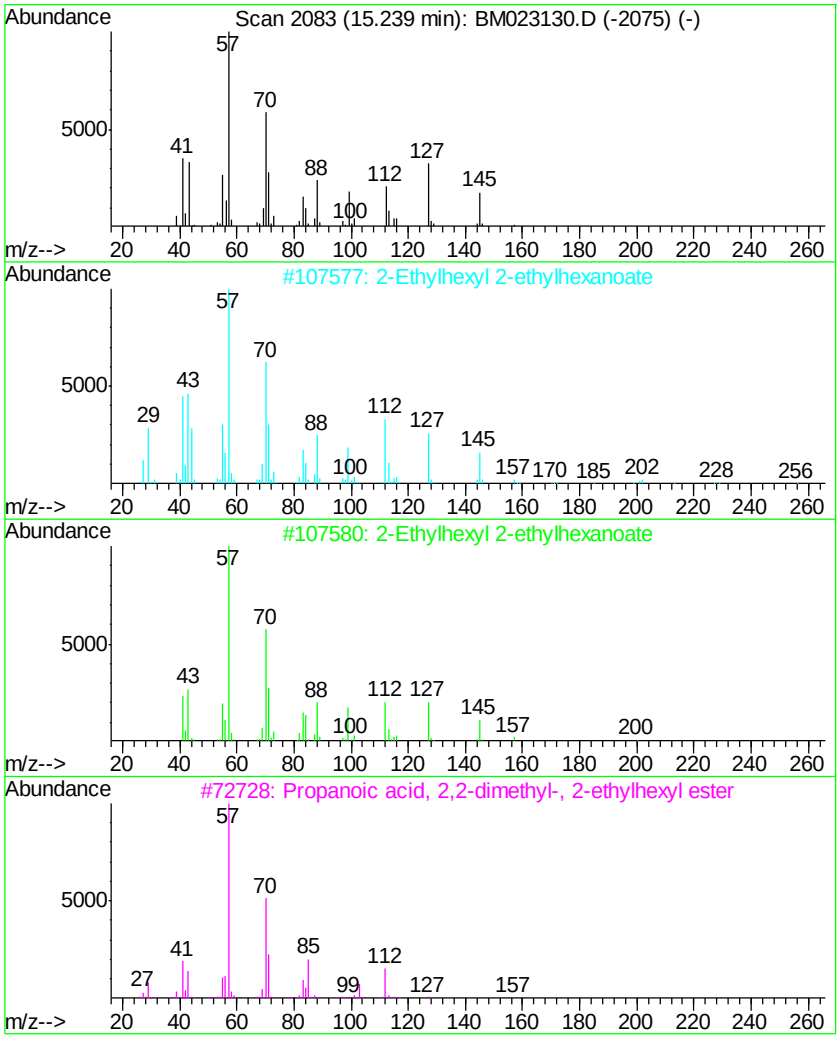
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

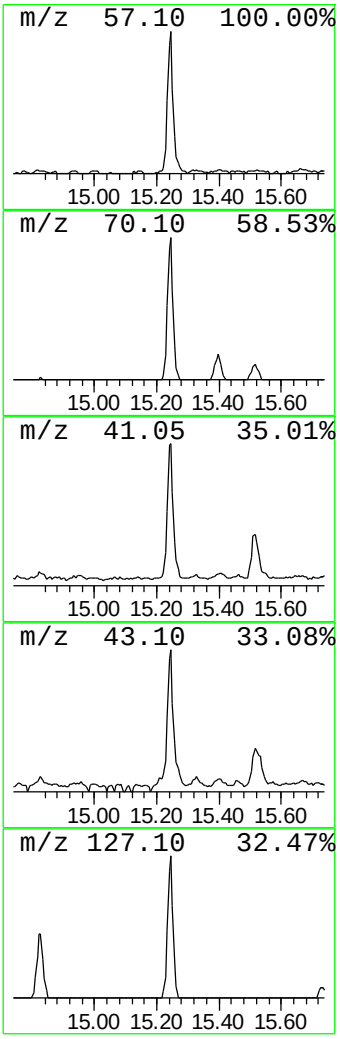
****

Peak Number 5 2-Ethylhexyl 2-ethylhexanoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.48 ng/ul	178215	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	91
2	2-Ethylhexyl 2-ethylhexanoate	256	C16H32O2	007425-14-1	87
3	Propanoic acid, 2,2-dimethyl-, 2...	214	C13H26O2	016387-18-1	49
4	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	47
5	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	43





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Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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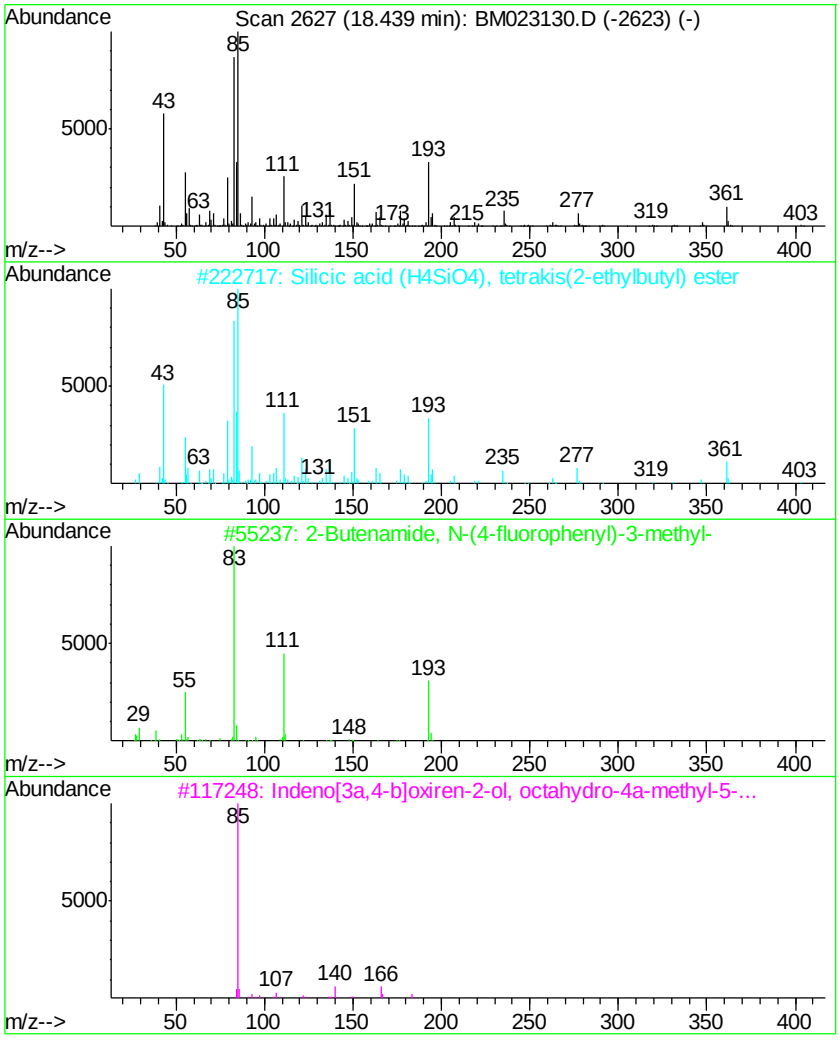
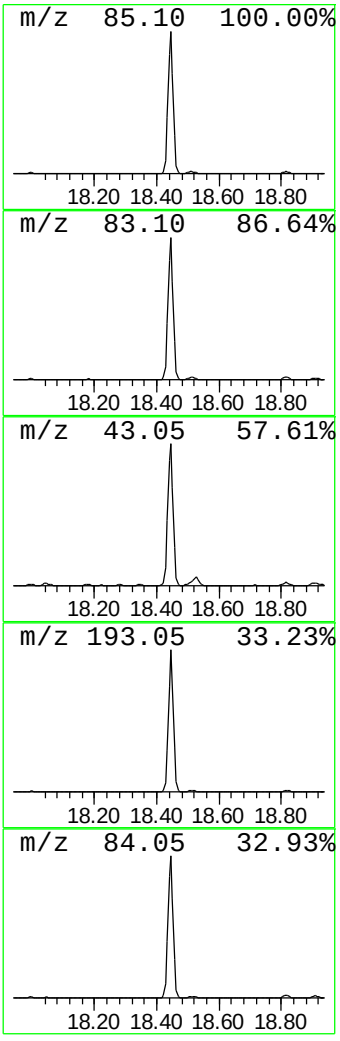
Peak Number 6 Silicic acid (H4SiO4), tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	79.65 ng/ul	6071250	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silicic acid (H4SiO4), tetrakis(...	432	C24H52O4Si	000078-13-7	95
2	2-Butenamide, N-(4-fluorophenyl)...	193	C11H12FNO	1000307-26-7	35
3	Indeno[3a,4-b]oxiren-2-ol, octah...	268	C15H24O4	067920-65-4	35
4	2-Butyn-1-one, 1-cyclohexyl-4,4-...	238	C14H22O3	055402-05-6	25
5	1,3,2-Oxazaborolane, 2-butyl-	127	C6H14BNO	031748-10-4	25





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Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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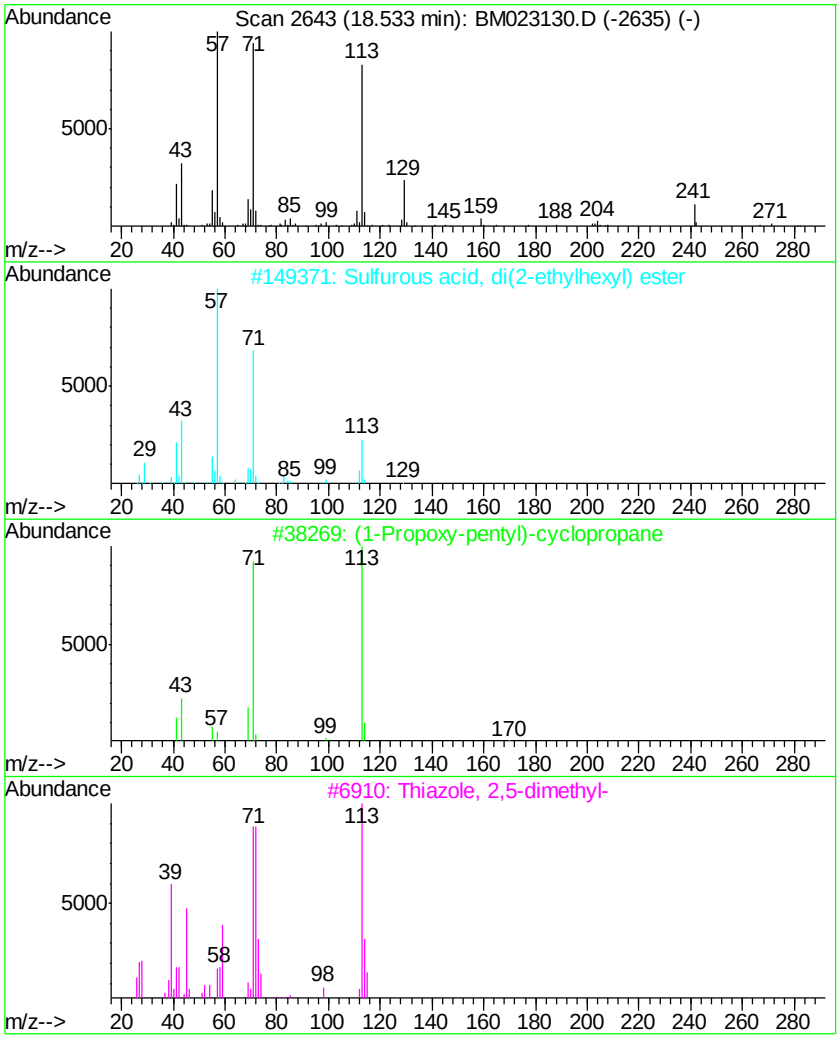
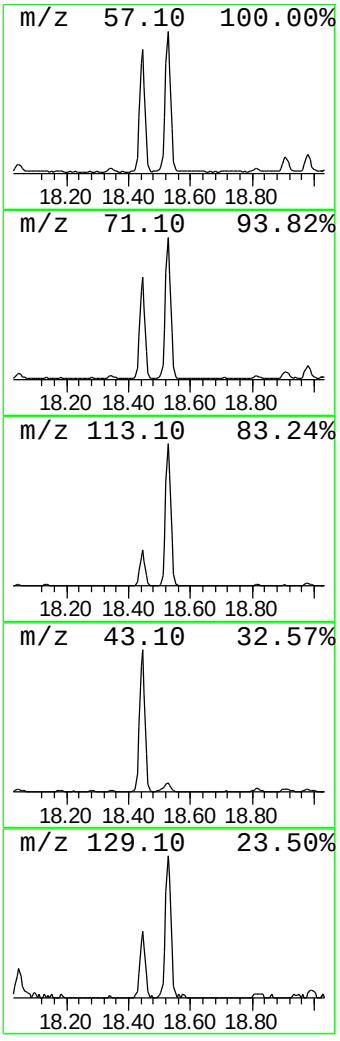
Peak Number 7 Sulfurous acid, di(2-ethylh... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	6.77 ng/ul	516204	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	72
2	(1-Propoxy-pentyl)-cyclopropane	170	C11H22O	094883-97-3	59
3	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	53
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	50
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	40





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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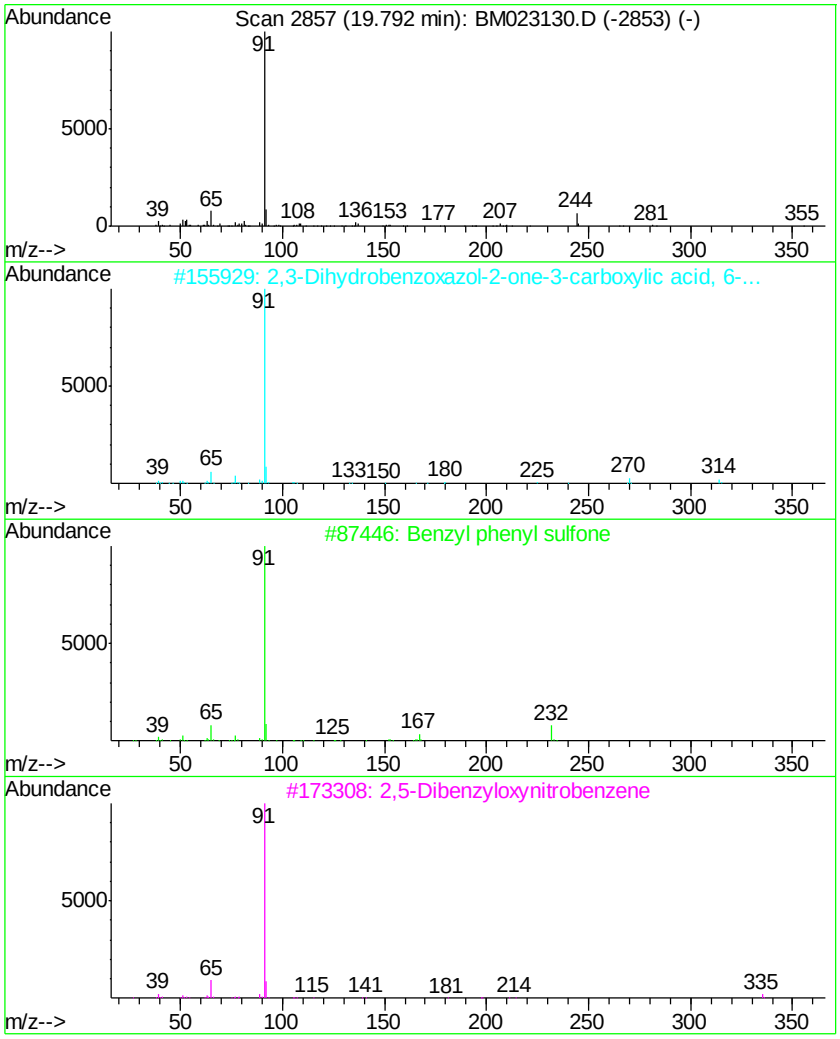
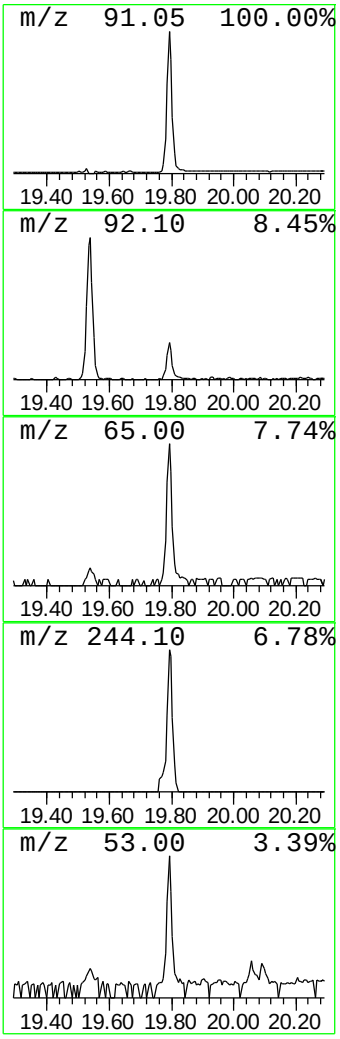
Peak Number 8 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	2.11 ng/ul	202825	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydrobenzoxazol-2-one-3-ca...	314	C15H10N2O6	300808-99-5	38
2	Benzyl phenyl sulfone	232	C13H12O2S	003112-88-7	38
3	2,5-Dibenzyloxynitrobenzene	335	C20H17NO4	051792-85-9	38
4	Benzaldehyde, 4-(phenylmethoxy)-	212	C14H12O2	004397-53-9	38
5	Benzaldehyde, 3-(phenylmethoxy)-	212	C14H12O2	001700-37-4	38





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Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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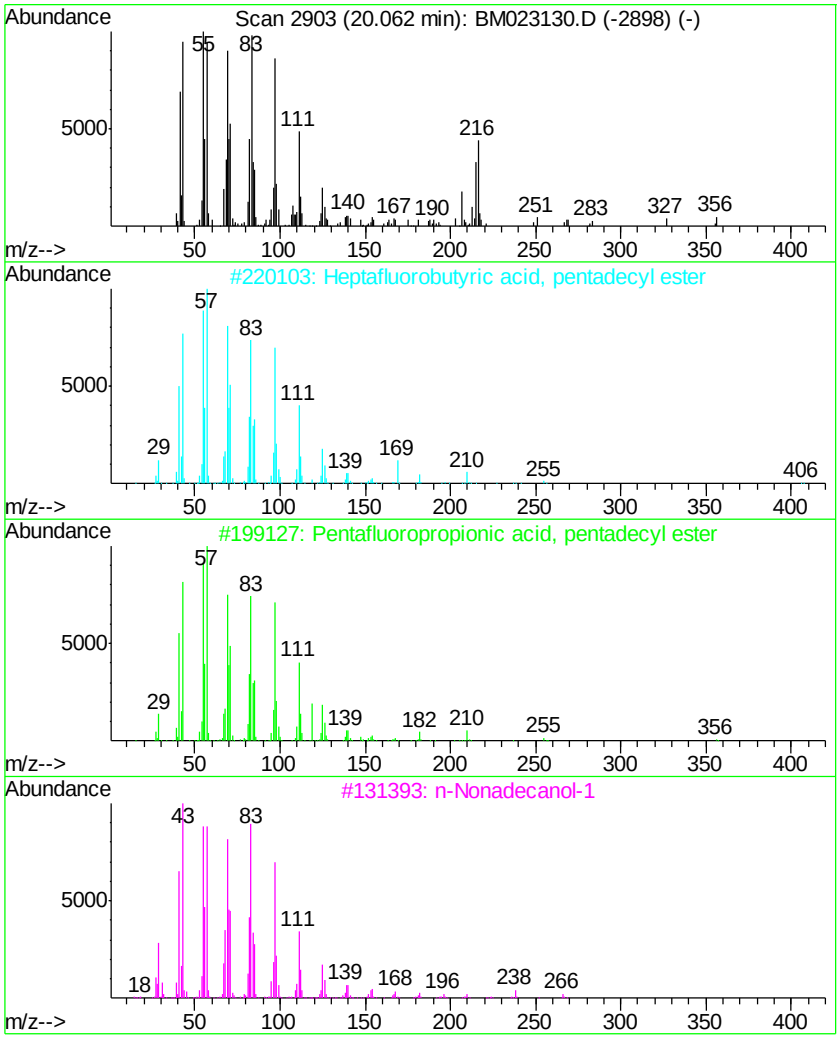
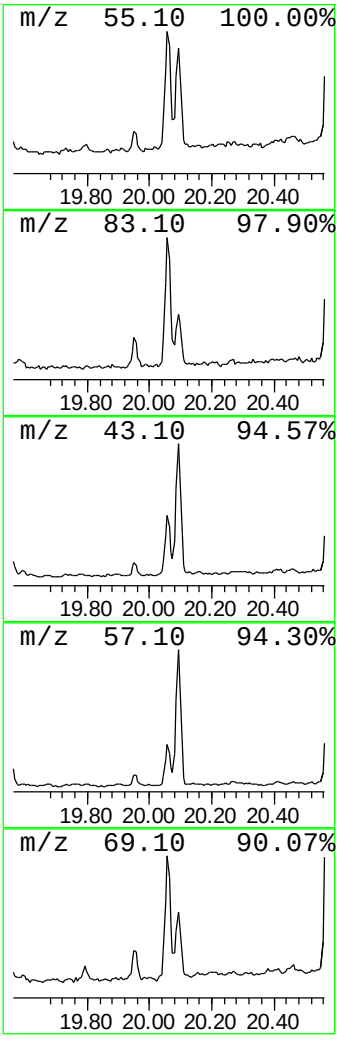
Peak Number 9 Heptafluorobutyric acid, pe... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.10 ng/ul	201664	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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Quant Title : SVOA CALIBRATION

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

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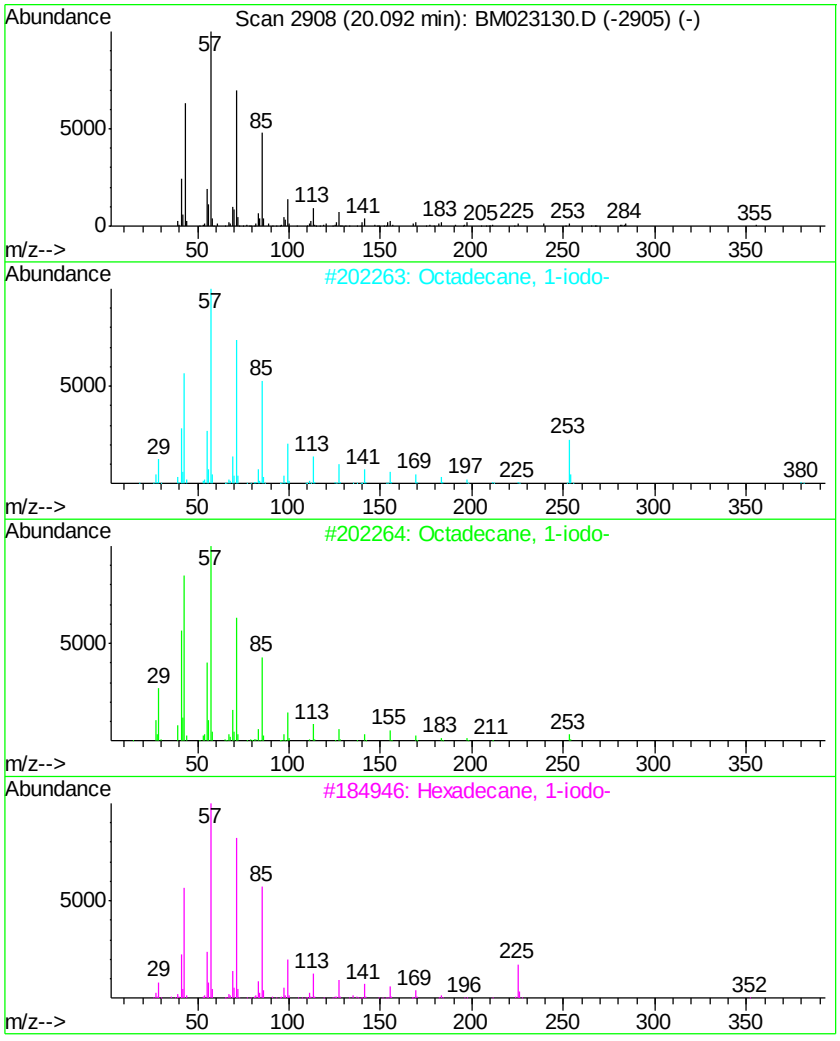
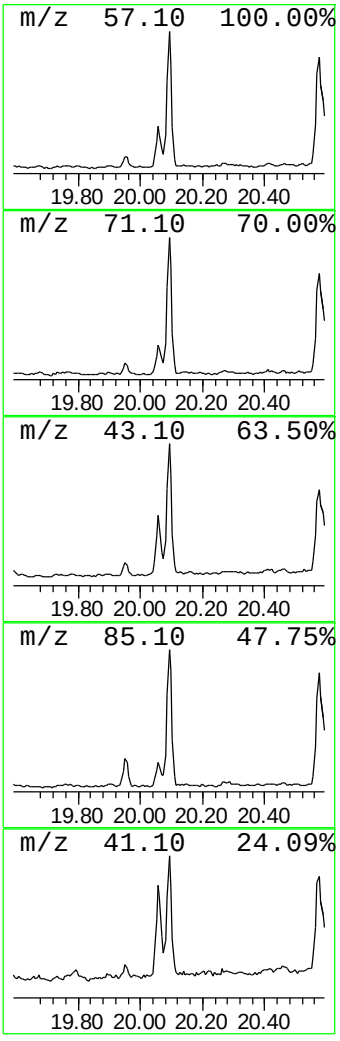
Peak Number 10 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.33 ng/ul	223952	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Docosane	310	C22H46	000629-97-0	90





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Sample : K5124-19
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Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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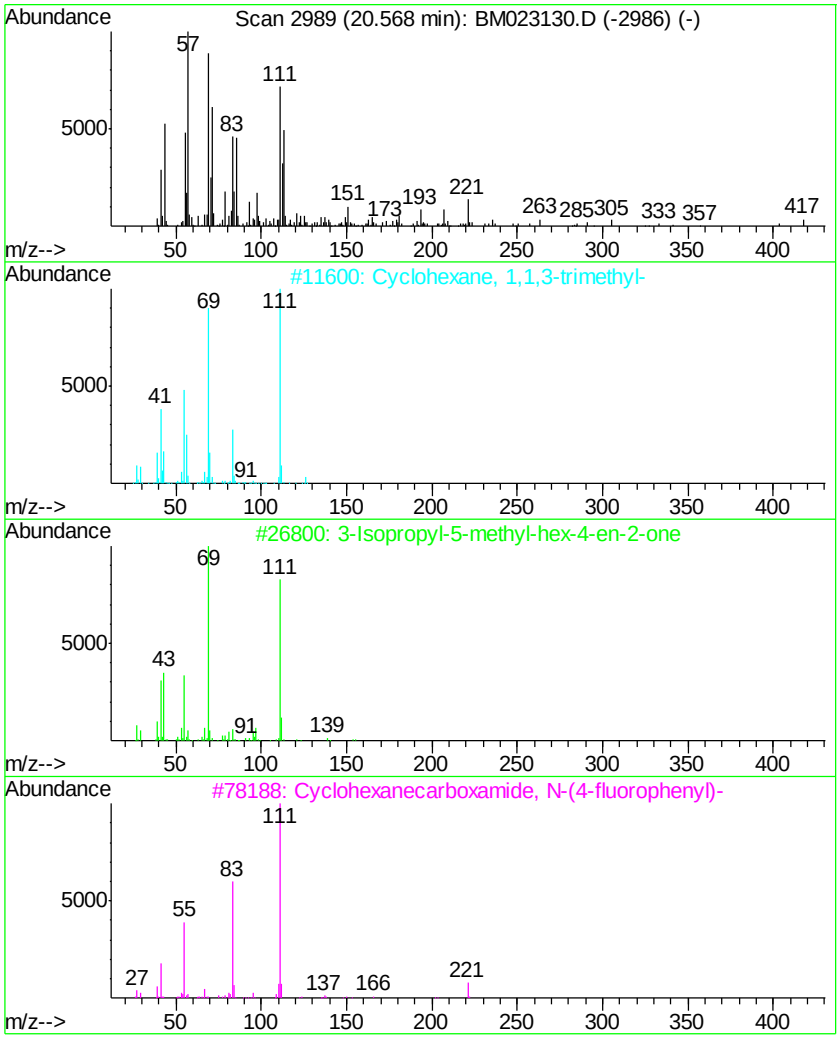
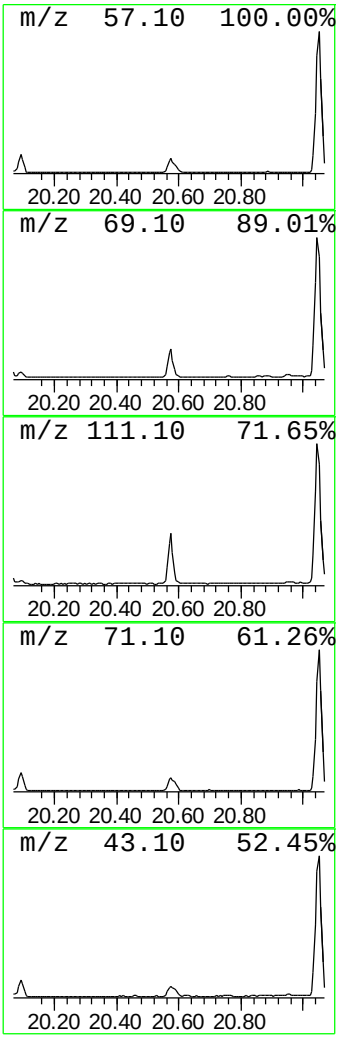
Peak Number 11 (DEL) Alkane: Cyclic20.57 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	4.52 ng/ul	433497	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	43
2	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	43
3	Cyclohexanecarboxamide, N-(4-flu...	221	C13H16FNO	1000306-94-5	38
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	38





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Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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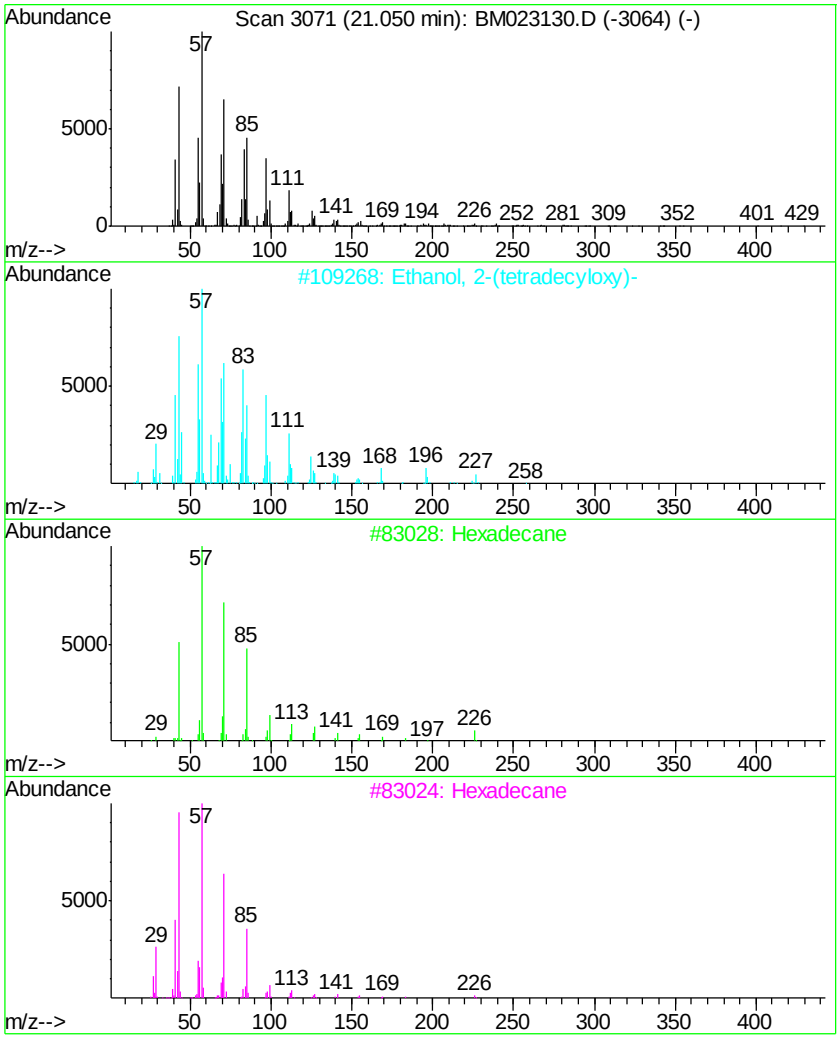
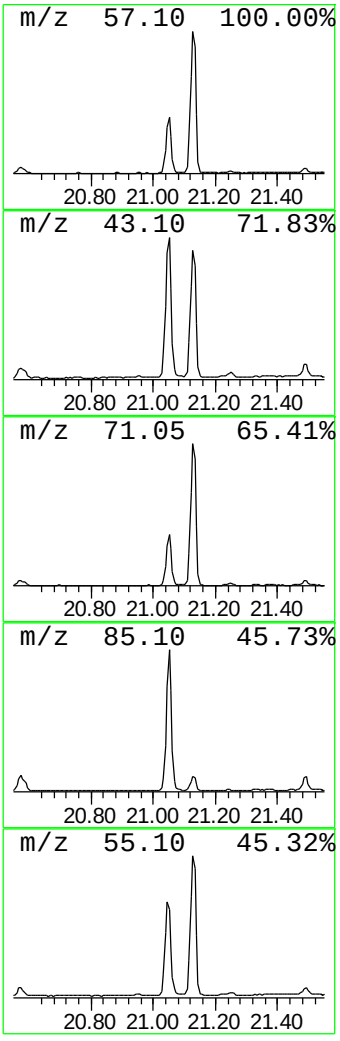
Peak Number 12 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	35.91 ng/ul	3446840	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	78





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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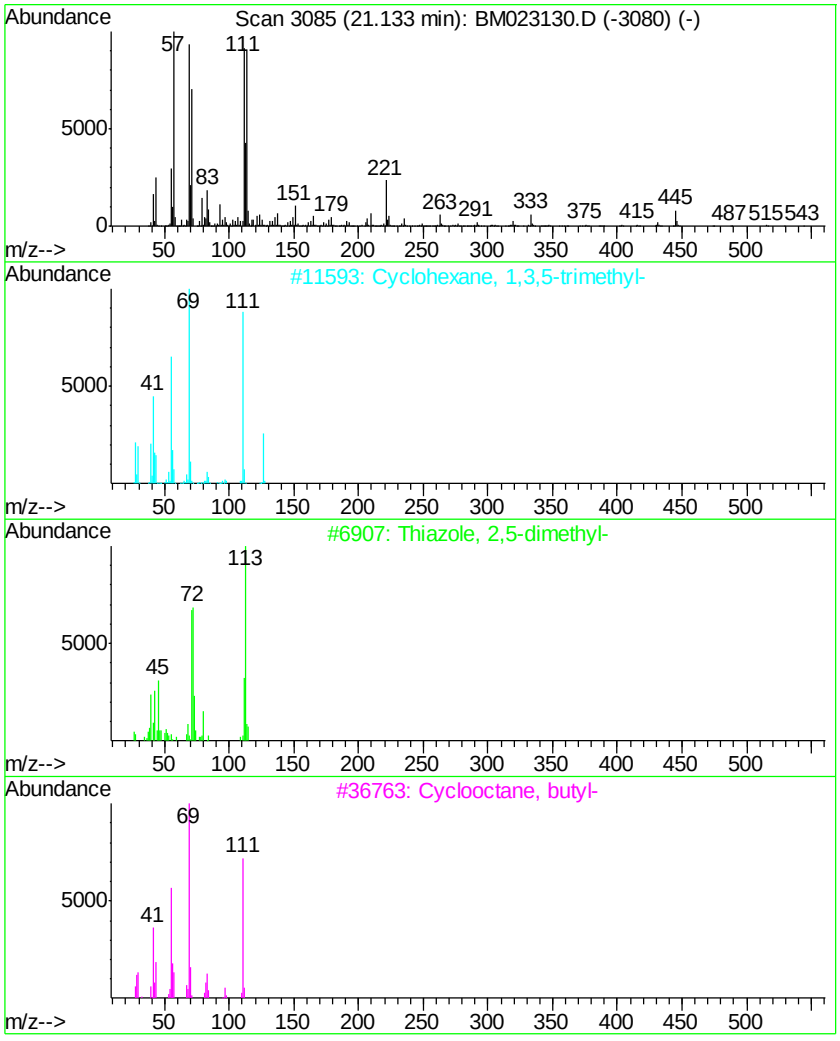
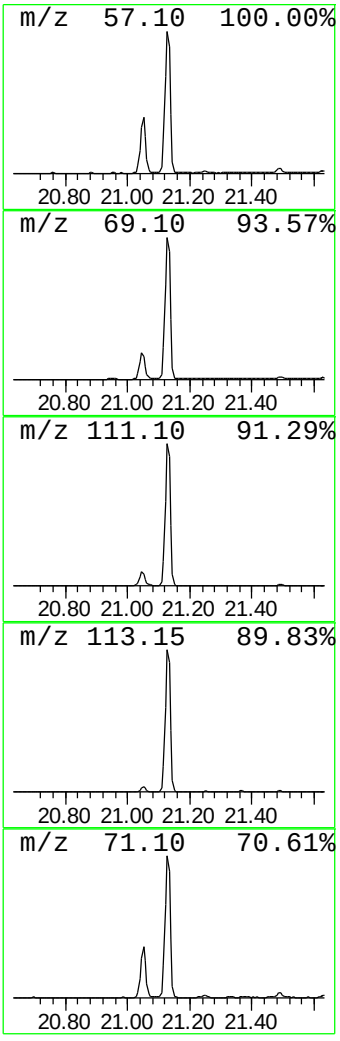
Peak Number 13 (DEL) Alkane: Cyclic21.13 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	86.23 ng/ul	8276620	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35
2	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	35
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	25
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	25
5	Formaldehyde, (2-butenyl)methylh...	112	C6H12N2	068661-51-8	22





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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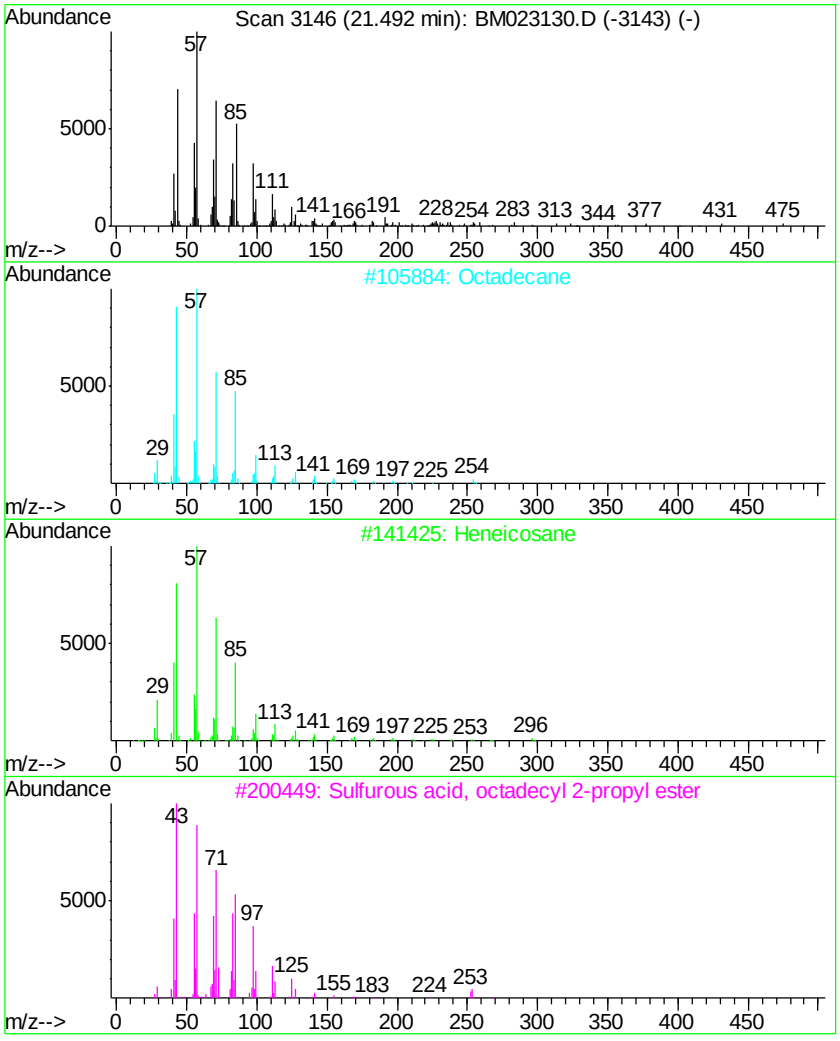
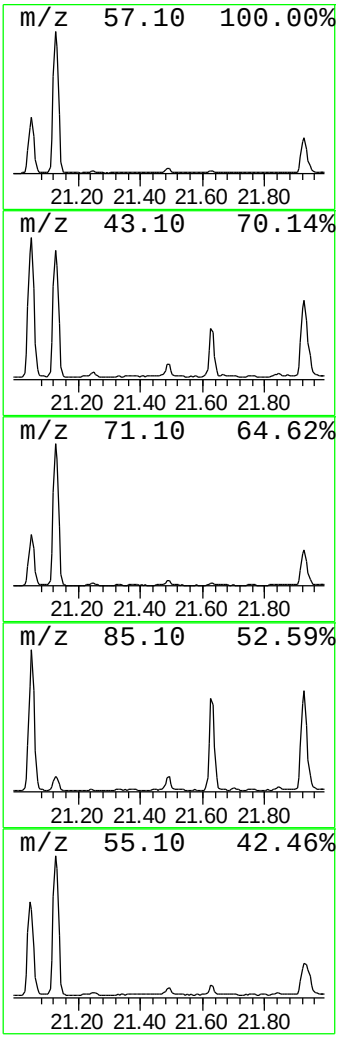
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.00 ng/ul	192212	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
5	Octadecane	254	C18H38	000593-45-3	86





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Instrument : BNA_M
ClientSampleId : JLMA8

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Quant Title : SVOA CALIBRATION

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

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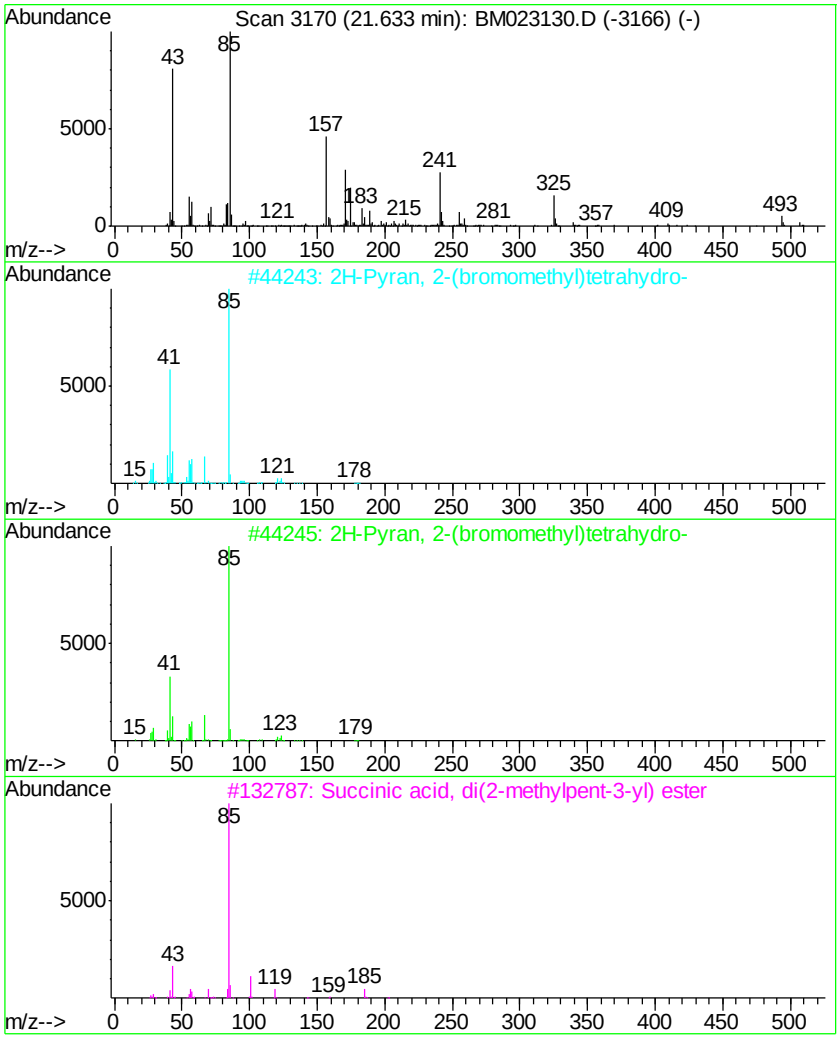
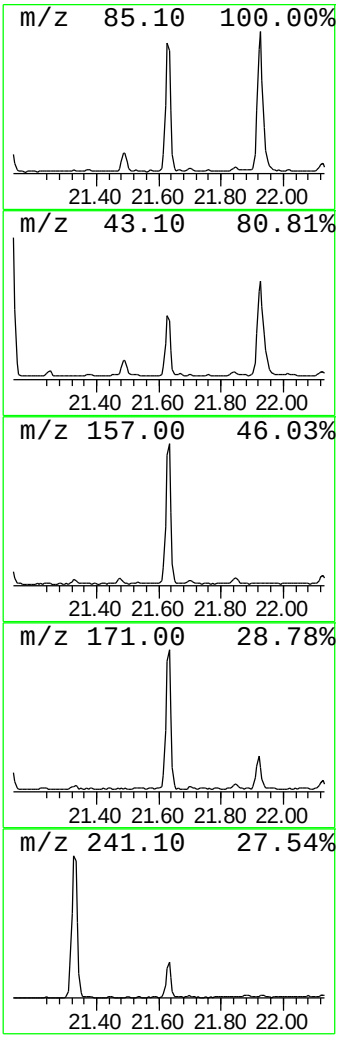
Peak Number 15 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	5.96 ng/ul	571636	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	27
2	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	27
3	Succinic acid, di(2-methylpent-3...	286	C16H30O4	1000349-40-0	27
4	2H-Pyran, 2-butoxytetrahydro-	158	C9H18O2	001927-68-0	27
5	Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	27





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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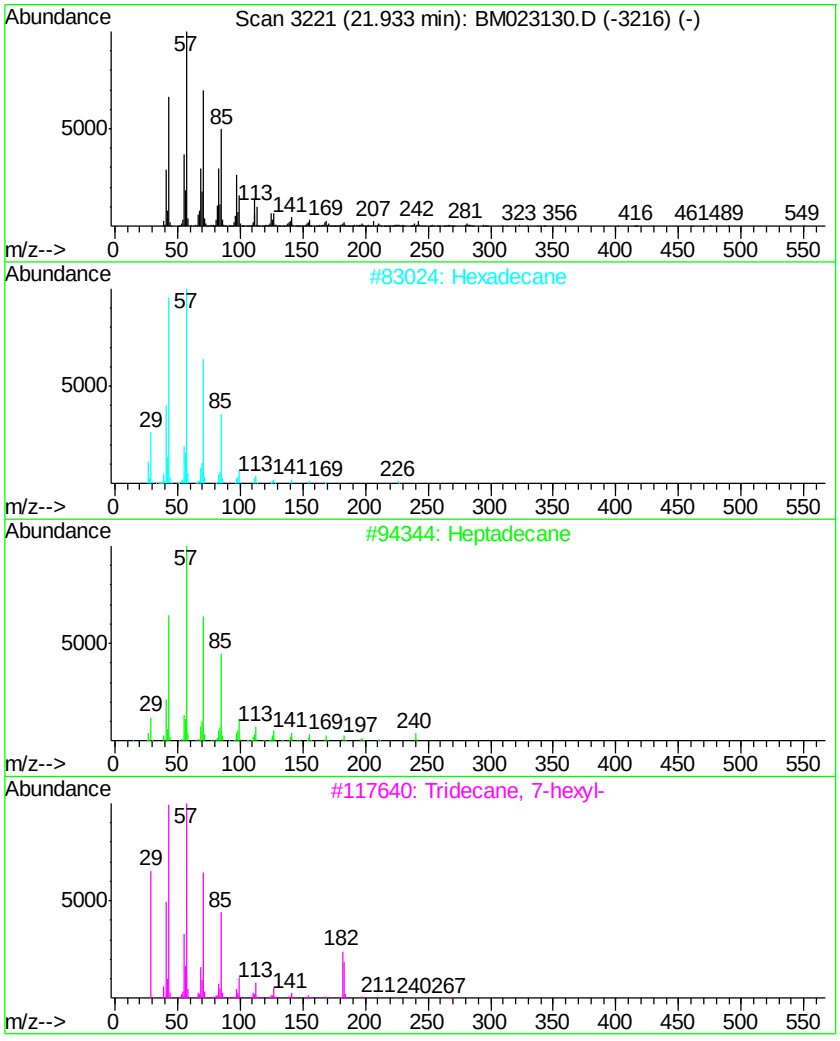
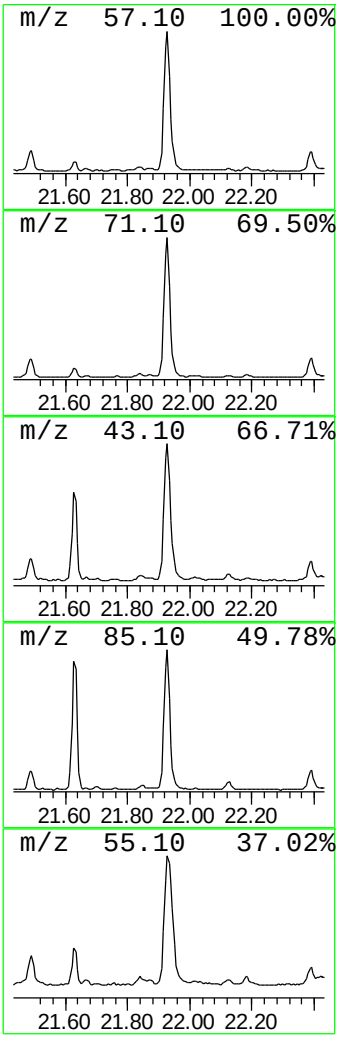
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	17.67 ng/ul	1696280	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

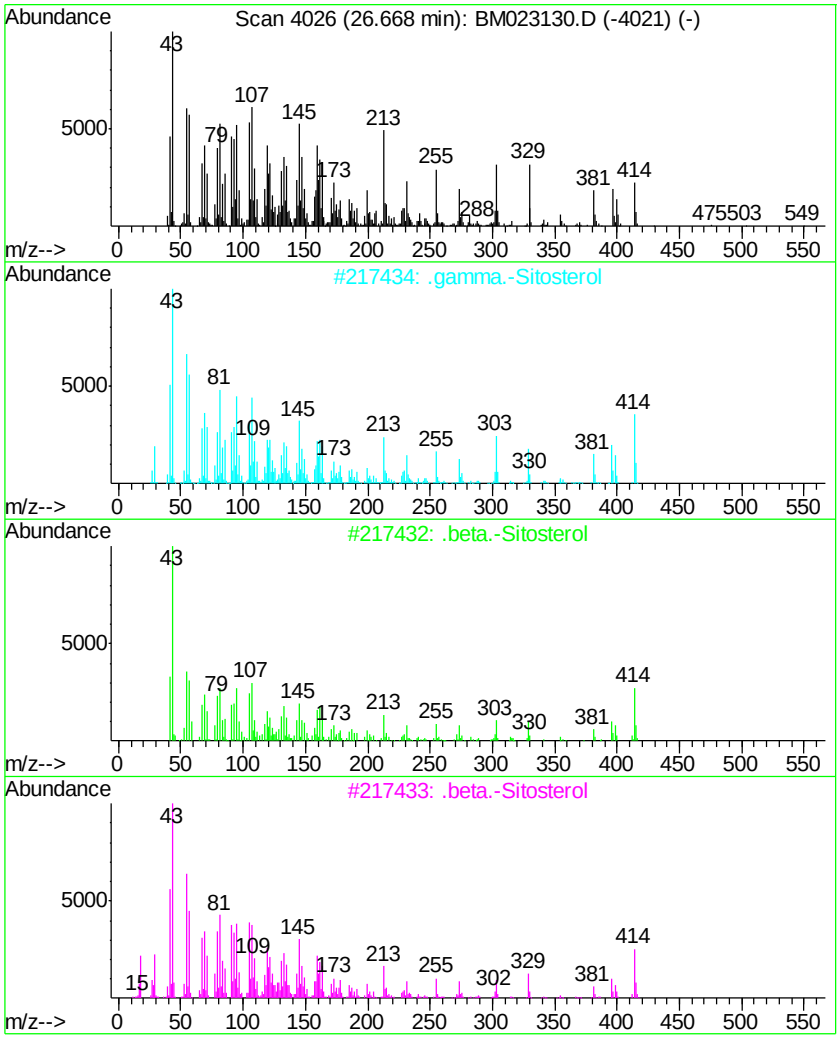
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

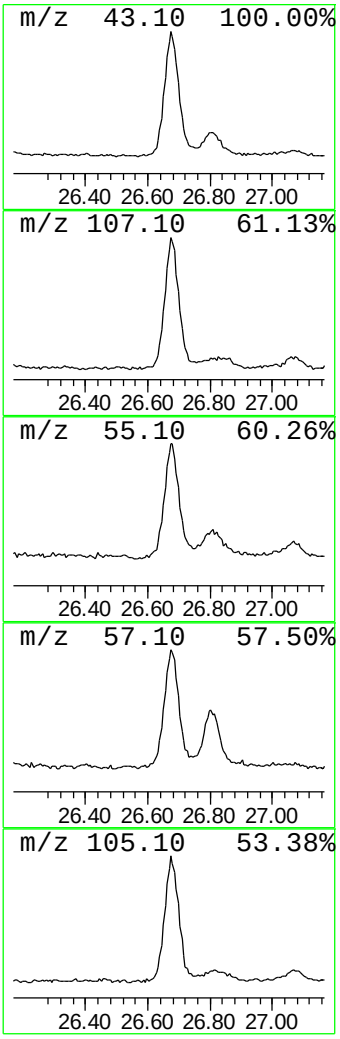
****

Peak Number 17 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.67	22.17 ng/ul	2068840	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	45
5	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101119\
Data File : BM023130.D
Acq On : 11 Oct 2019 15:20
Operator : JU
Sample : K5124-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLMA8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Acetic acid, diet...	6.17	9.4	ng/ul	402273	1	7.77	855078	20.0
1-Hexanol, 2-ethyl-	7.84	102.7	ng/ul	4389300	1	7.77	855078	20.0
Hexanoic acid, 2-...	9.07	6.8	ng/ul	291020	1	7.77	855078	20.0
2-Ethylbutyric ac...	13.64	7.7	ng/ul	552789	3	14.40	1434430	20.0
2-Ethylhexyl 2-et...	15.24	2.5	ng/ul	178215	3	14.40	1434430	20.0
Silicic acid (H4S...	18.44	79.7	ng/ul	6071250	4	17.14	1524420	20.0
Sulfurous acid, d...	18.53	6.8	ng/ul	516204	4	17.14	1524420	20.0
unknown-01	19.79	2.1	ng/ul	202825	5	21.33	1919670	20.0
Heptafluorobutyri...	20.06	2.1	ng/ul	201664	5	21.33	1919670	20.0
Octadecane, 1-iodo-	20.09	2.3	ng/ul	223952	5	21.33	1919670	20.0
(DEL) Alkane: Cyc...	20.57	4.5	ng/ul	433497	5	21.33	1919670	20.0
Ethanol, 2-(tetra...	21.05	35.9	ng/ul	3446840	5	21.33	1919670	20.0
(DEL) Alkane: Cyc...	21.13	86.2	ng/ul	8276620	5	21.33	1919670	20.0
(DEL) Alkane: Str...	21.49	2.0	ng/ul	192212	5	21.33	1919670	20.0
unknown-02	21.63	6.0	ng/ul	571636	5	21.33	1919670	20.0
(DEL) Alkane: Str...	21.93	17.7	ng/ul	1696280	5	21.33	1919670	20.0
.gamma.-Sitosterol	26.67	22.2	ng/ul	2068840	6	23.58	1866350	20.0