LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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	3.258	42	46	47	rBV	61043	65848	1.63%	0.113%
2	3.281	47	50	66	rVB	1481326	1879746	46.52%	3.232%
3	3.652	109	113	119	rVB	50471	64630	1.60%	0.111%
4	3.711	119	123	129	rBV	168498	201849	4.99%	0.347%
5	3.969	162	167	174	rVB2	46641	90666	2.24%	0.156%
6	4.246	209	214	222	rBV	328848	410451	10.16%	0.706%
7	4.316	222	226	239	rVB3	41634	68735	1.70%	0.118%
8	4.422	239	244	253	rBV	474455	604224	14.95%	1.039%
9	4.875	313	321	331	rVV	551853	735365	18.20%	1.264%
10	5.299	387	393	399	rVB	86999	129514	3.20%	0.223%
11	5.446	410	418	425	rVB	143062	294847	7.30%	0.507%
12	5.734	462	467	472	rBV	74423	105468	2.61%	0.181%
13	5.793	472	477	483	rVB	305611	445598	11.03%	0.766%
14	6.763	635	642	647	rBV	56673	99809	2.47%	0.172%
15	6.940	664	672	679	rVV3	191040	429948	10.64%	0.739%
16	7.004	679	683	688	rVB	41110	61660	1.53%	0.106%
17	7.104	694	700	706	rBV	458288	727360	18.00%	1.250%
18	7.163	706	710	716	rVV	117958	197882	4.90%	0.340%
19	7.304	727	734	744	rVV	549350	863885	21.38%	1.485%
20	7.422	747	754	761	rVB	392474	595646	14.74%	1.024%
21	7.769	806	813	822	rBV	667526	1085312	26.86%	1.866%
22	7.840	822	825	828	rVV	41382	62595	1.55%	0.108%
23	7.887	828	833	842	rVV	224288	381664	9.44%	0.656%
24	8.146	868	877	884	rVV2	275689	508664	12.59%	0.874%
25	8.416	918	923	927	rBV2	42622	68728	1.70%	0.118%
26	8.475	927	933	944	rVV	448006	711541	17.61%	1.223%
27	8.581	945	951	960	rVB3	27425	66701	1.65%	0.115%
28	8.728	970	976	980	rBV	39507	59428	1.47%	0.102%
29	8.875	994	1001	1004	rBV	103899	159932	3.96%	0.275%
30	8.922	1004	1009	1021	rVB	550779	1009612	24.98%	1.736%
31	9.204	1050	1057	1063	rVV3	34794	79623	1.97%	0.137%
32	9.398	1081	1090	1095	rVV	64551	111495	2.76%	0.192%
33	9.457	1095	1100	1111	rVB	101975	160639	3.98%	0.276%
34	9.645	1124	1132	1140	rBV	485214	823432	20.38%	1.416%

LSC Area Percent Report

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Operator : JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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	9.740	1143	1148	1156	rVV	67486	130829	3.24%	0.225%
36	9.816	1156	1161	1169	rVV	93248	170127	4.21%	0.292%
37	9.969	1178	1187	1195	rVV4	191707	431145	10.67%	0.741%
38	10.045	1195	1200	1207	rVV3	129736	292738	7.24%	0.503%
39	10.104	1207	1210	1216	rVV4	52545	102115	2.53%	0.176%
40	10.181	1216	1223	1232	rVV	802133	1348710	33.38%	2.319%
41	10.557	1278	1287	1292	rBV	943103	1621439	40.12%	2.787%
42	10.610	1292	1296	1304	rVB	459726	737506	18.25%	1.268%
43	10.692	1304	1310	1322	rBV	494357	988581	24.46%	1.699%
44	11.104	1372	1380	1384	rBV4	34143	70928	1.76%	0.122%
45	11.587	1456	1462	1469	rBV8	26129	66267	1.64%	0.114%
46	11.669	1469	1476	1481	rVB3	38852	75454	1.87%	0.130%
47	11.757	1486	1491	1498	rVB3	37165	71898	1.78%	0.124%
48	11.904	1505	1516	1521	rBV	255034	427159	10.57%	0.734%
49	12.081	1540	1546	1549	rBV4	34065	68220	1.69%	0.117%
50	12.222	1564	1570	1576	rBV	389726	626204	15.50%	1.077%
51	12.445	1598	1608	1614	rBV	614932	965773	23.90%	1.660%
52	12.751	1655	1660	1667	rBV	47967	83071	2.06%	0.143%
53	12.863	1675	1679	1685	rVV2	32060	60100	1.49%	0.103%
54	13.192	1731	1735	1739	rBV	137050	202365	5.01%	0.348%
55	13.251	1739	1745	1754	rVB2	191263	329916	8.16%	0.567%
56	13.439	1771	1777	1785	rVB	62316	150986	3.74%	0.260%
57	13.516	1785	1790	1792	rBV2	38573	59865	1.48%	0.103%
58	13.586	1795	1802	1806	rBV3	67321	147006	3.64%	0.253%
59	13.728	1820	1826	1832	rBV	152129	306458	7.58%	0.527%
60	13.781	1832	1835	1837	rVV	104414	150925	3.73%	0.259%
61	13.822	1837	1842	1846	rVV	1359599	1944502	48.12%	3.343%
62	13.863	1846	1849	1861	rVB	461662	662022	16.38%	1.138%
63	13.963	1861	1866	1870	rBV	73714	119677	2.96%	0.206%
64	14.004	1870	1873	1880	rVB4	50603	85303	2.11%	0.147%
65	14.098	1880	1889	1899	rBV	1563567	2491507	61.65%	4.283%
66	14.410	1932	1942	1947	rBV	1408598	2228944	55.16%	3.832%
67	14.469	1948	1952	1959	rVB	422029	668979	16.55%	1.150%
68	14.610	1969	1976	1982	rBV	124567	226933	5.62%	0.390%
69	14.804	2005	2009	2012	rBV2	50703	83039	2.05%	0.143%
70	14.886	2019	2023	2027	rVB3	44765	63296	1.57%	0.109%
71	15.045	2040	2050	2054	rBV4	77966	143764	3.56%	0.247%

LSC Area Percent Report

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Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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	15.180	2069	2073	2075	rBV	55954	79633	1.97%	0.137%
73	15.298	2086	2093	2098	rBV3	44632	85641	2.12%	0.147%
74	15.404	2104	2111	2116	rBV	2012385	2951065	73.03%	5.073%
75	15.457	2116	2120	2125	rVB	168115	246982	6.11%	0.425%
76	15.516	2125	2130	2138	rBV	547752	779970	19.30%	1.341%
77	15.633	2146	2150	2153	rBV2	41483	58517	1.45%	0.101%
78	15.910	2193	2197	2203	rVB2	88803	156564	3.87%	0.269%
79	16.074	2222	2225	2230	rBV	51833	77579	1.92%	0.133%
80	16.127	2230	2234	2240	rVB6	46853	85907	2.13%	0.148%
81	16.416	2279	2283	2286	rBV2	50890	75978	1.88%	0.131%
82	17.151	2402	2408	2412	rBV2	1453016	2149917	53.20%	3.696%
83	17.192	2412	2415	2419	rVV	281863	374948	9.28%	0.645%
84	17.245	2419	2424	2435	rVB2	2171628	3062483	75.78%	5.265%
85	17.516	2466	2470	2472	rBV2	39610	57352	1.42%	0.099%
86	17.545	2473	2475	2480	rVB	51849	68365	1.69%	0.118%
87	18.051	2553	2561	2575	rBV2	783130	1287606	31.86%	2.214%
88	18.210	2585	2588	2593	rVB3	54799	85511	2.12%	0.147%
89	19.204	2754	2757	2763	rVB	73561	95061	2.35%	0.163%
90	19.333	2774	2779	2789	rBV	446987	669559	16.57%	1.151%
91	19.539	2809	2814	2819	rBV	2556316	3499969	86.61%	6.017%
92	19.586	2819	2822	2830	rVB	215317	303072	7.50%	0.521%
93	21.051	3068	3071	3077	rVB4	106785	145655	3.60%	0.250%
94	21.327	3114	3118	3124	rBV	1715461	2231084	55.21%	3.836%
95	21.927	3217	3220	3227	rBV	123878	149240	3.69%	0.257%
96	22.392	3296	3299	3304	rVB	231019	273719	6.77%	0.471%
97	22.903	3382	3386	3392	rVB	261479	359503	8.90%	0.618%
98	23.439	3471	3477	3493	rVB	1953064	4041069	100.00%	6.947%
99	23.580	3495	3501	3511	rVB	1280471	2495481	61.75%	4.290%
100	24.127	3590	3594	3602	rVB	241466	455384	11.27%	0.783%

Sum of corrected areas: 58169062

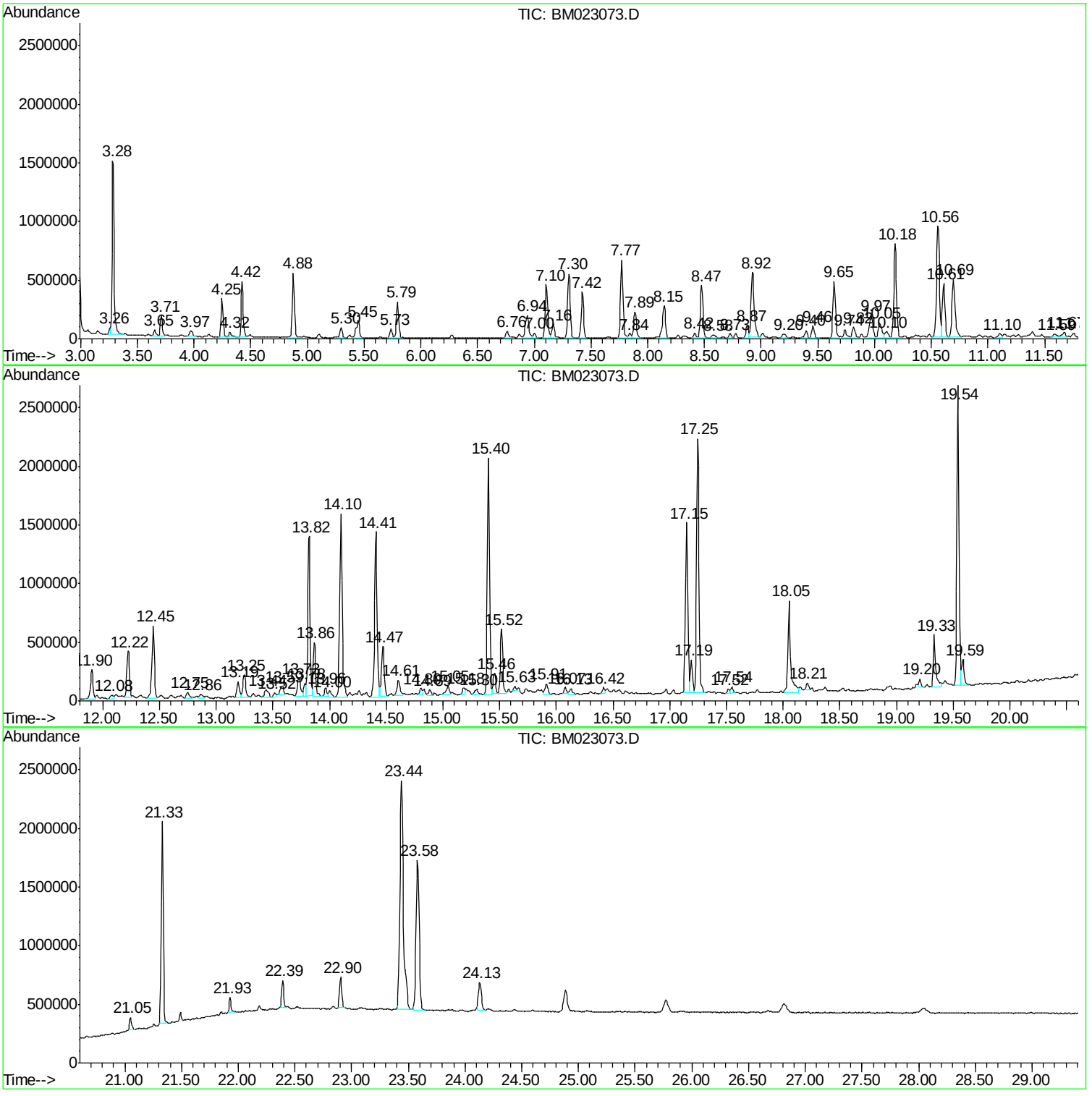
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

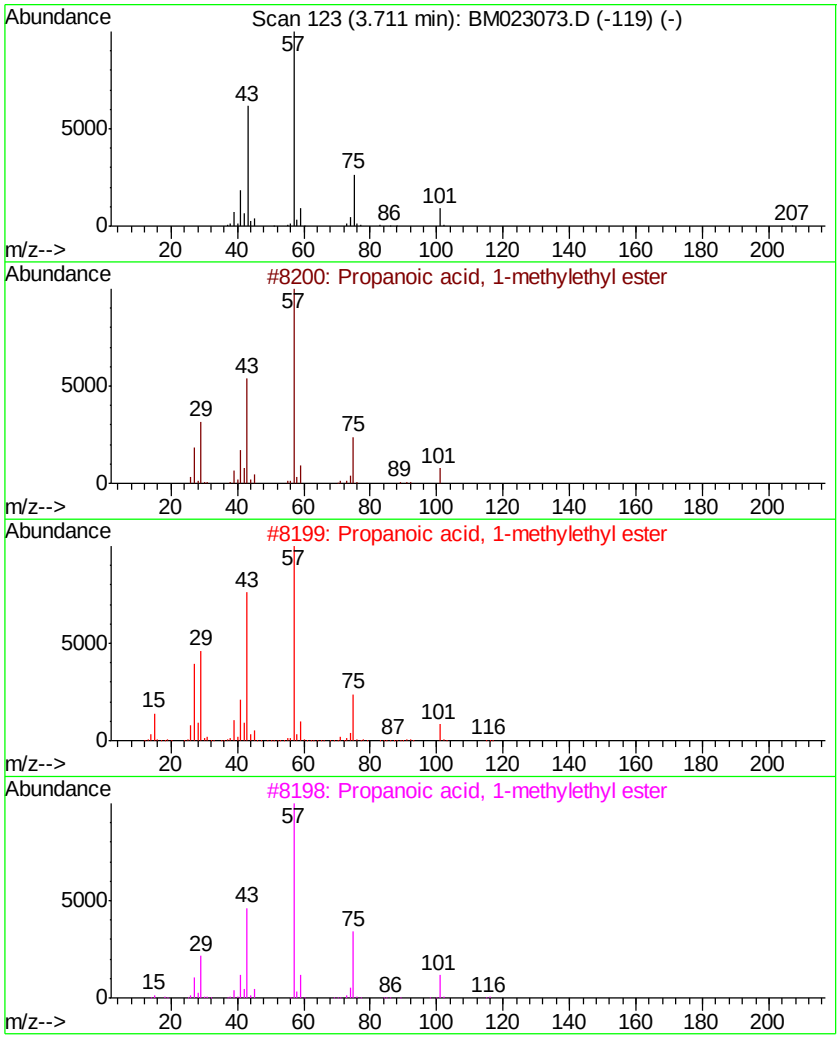
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

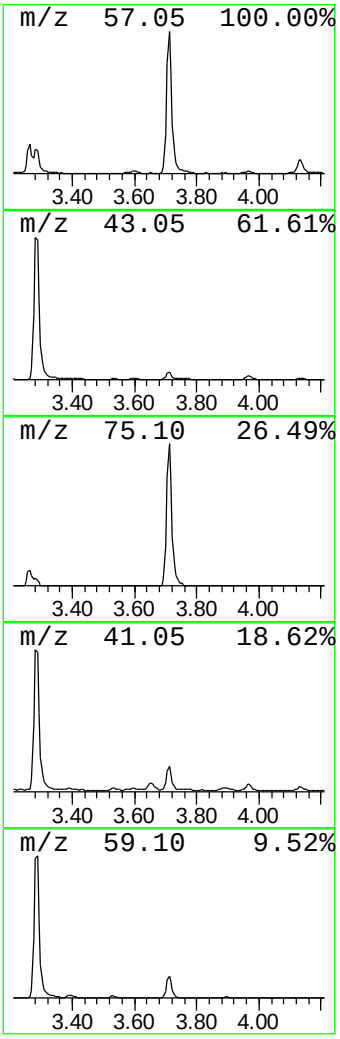
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	3.72 ng/ul	201849	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	42
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

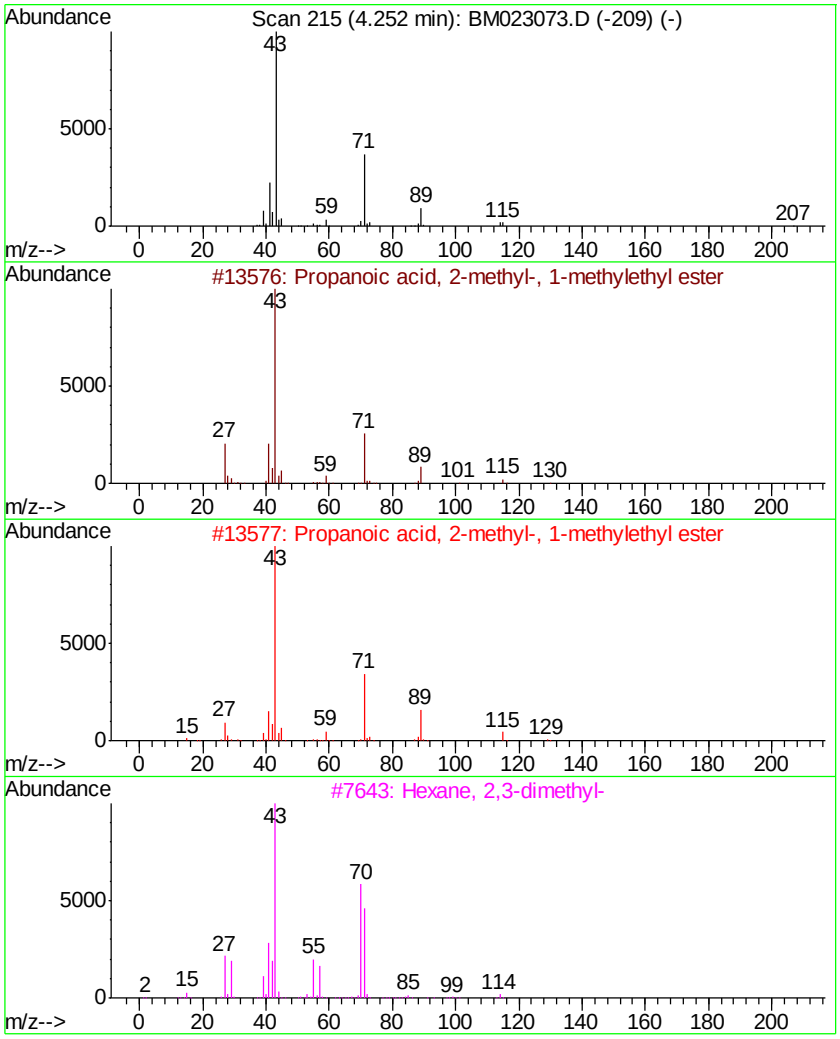
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

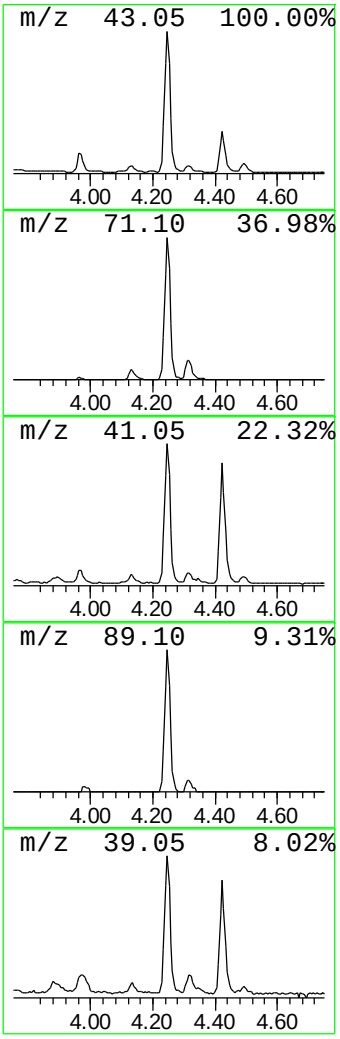
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	7.56 ng/ul	410451	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39





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Acq On : 09 Oct 2019 08:22
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Misc :
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Instrument : BNA_M
ClientSampleId : BFDL0

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

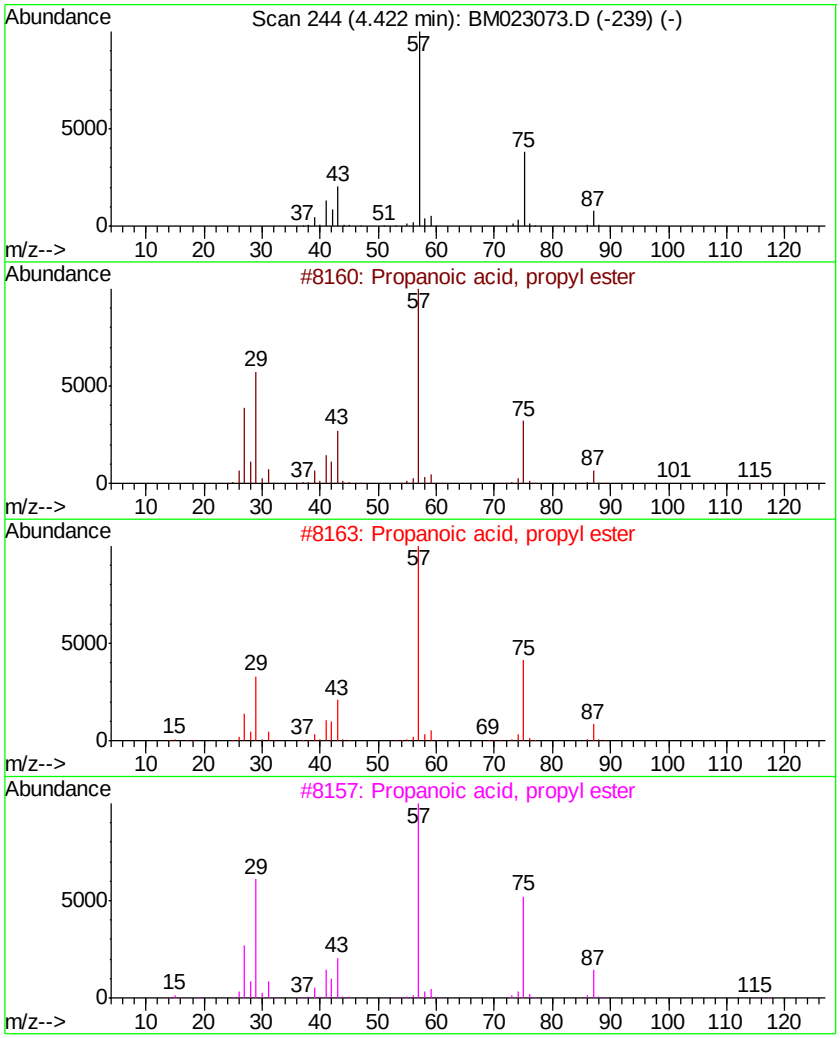
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

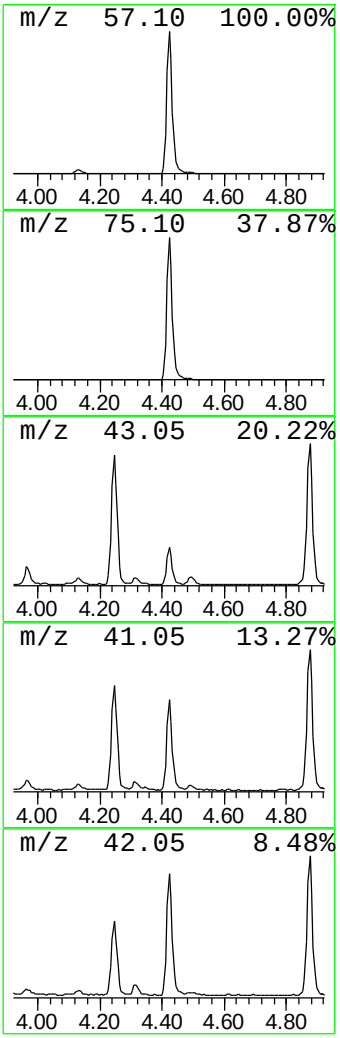
****

Peak Number 3 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	11.13 ng/ul	604224	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	74
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

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Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

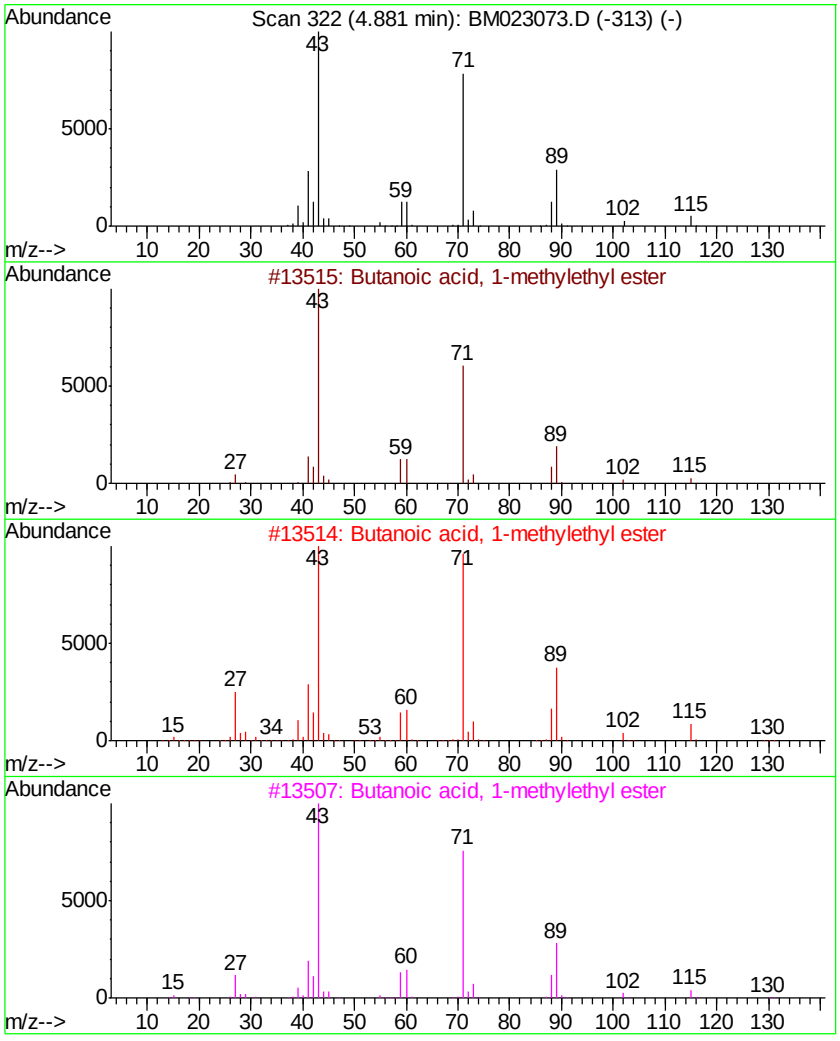
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

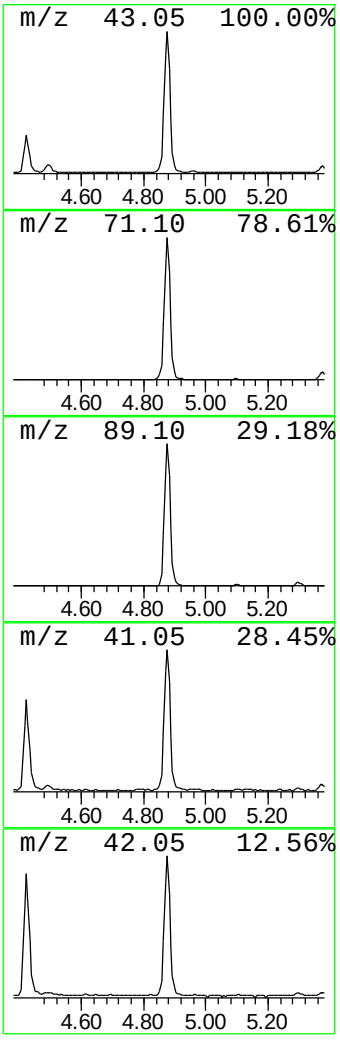
****

Peak Number 4 Butanoic acid, 1-methylethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	13.55 ng/ul	735365	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

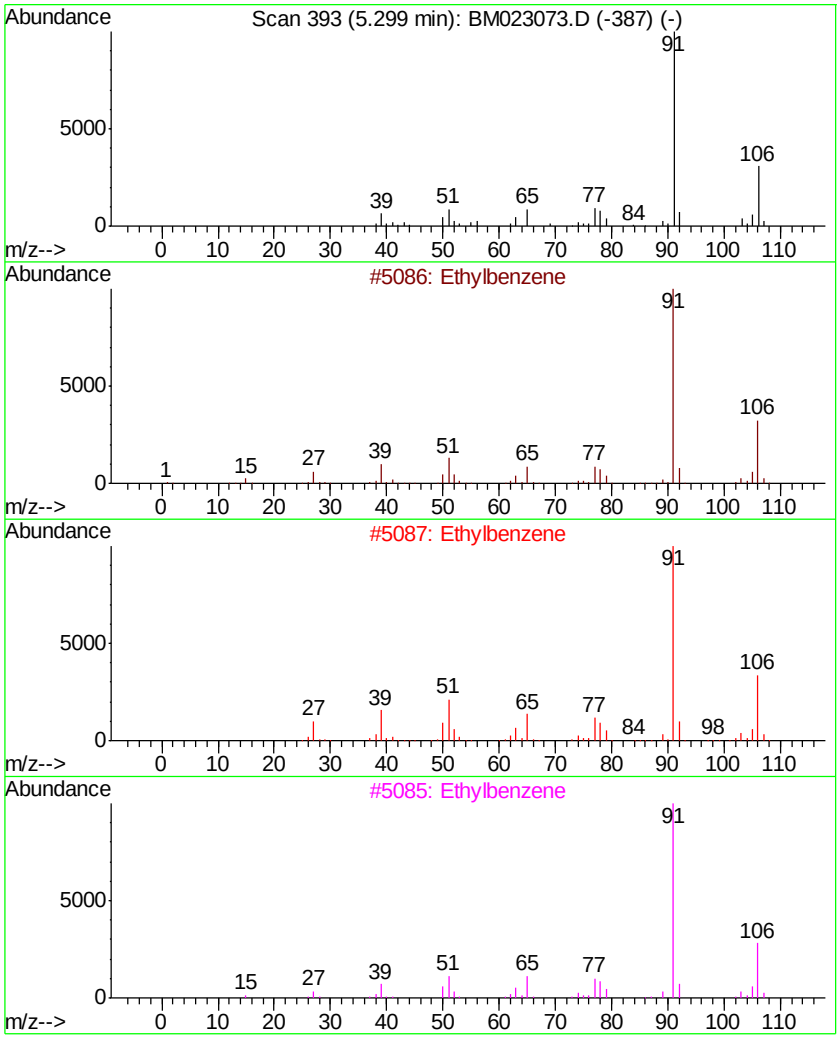
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

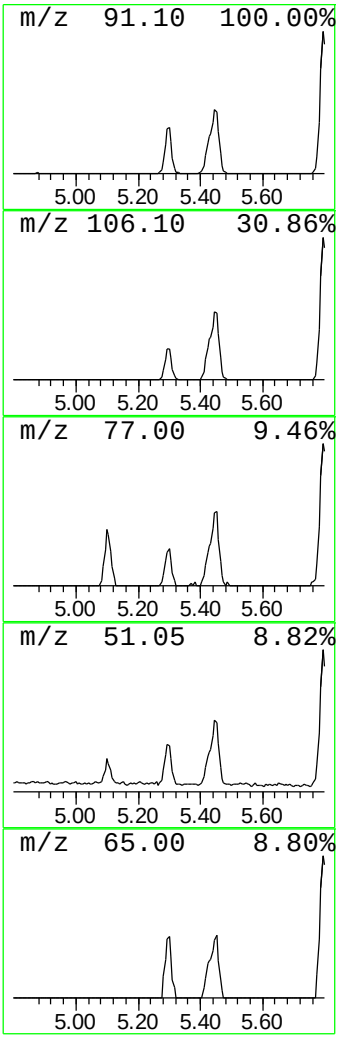
****

Peak Number 5 Ethylbenzene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	2.39 ng/ul	129514	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	o-Xylene	106	C8H10	000095-47-6	87





Library Search Compound Report

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Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

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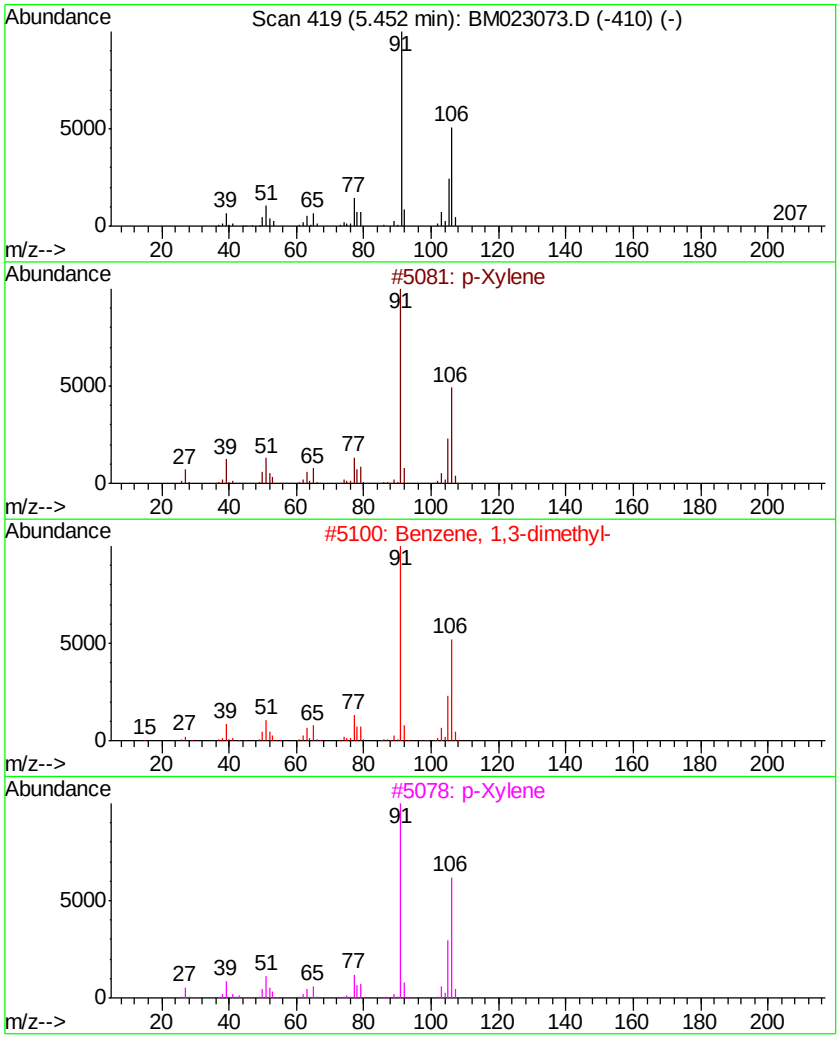
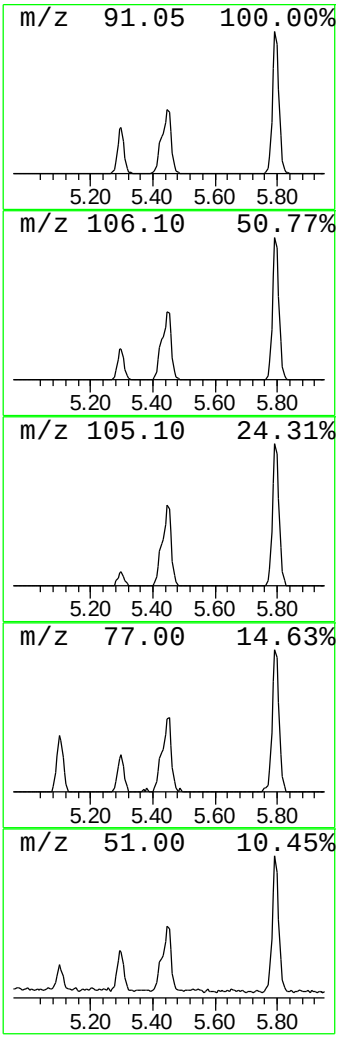
Peak Number 6 p-Xylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	5.43 ng/ul	294847	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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Operator : JU
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Misc :
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Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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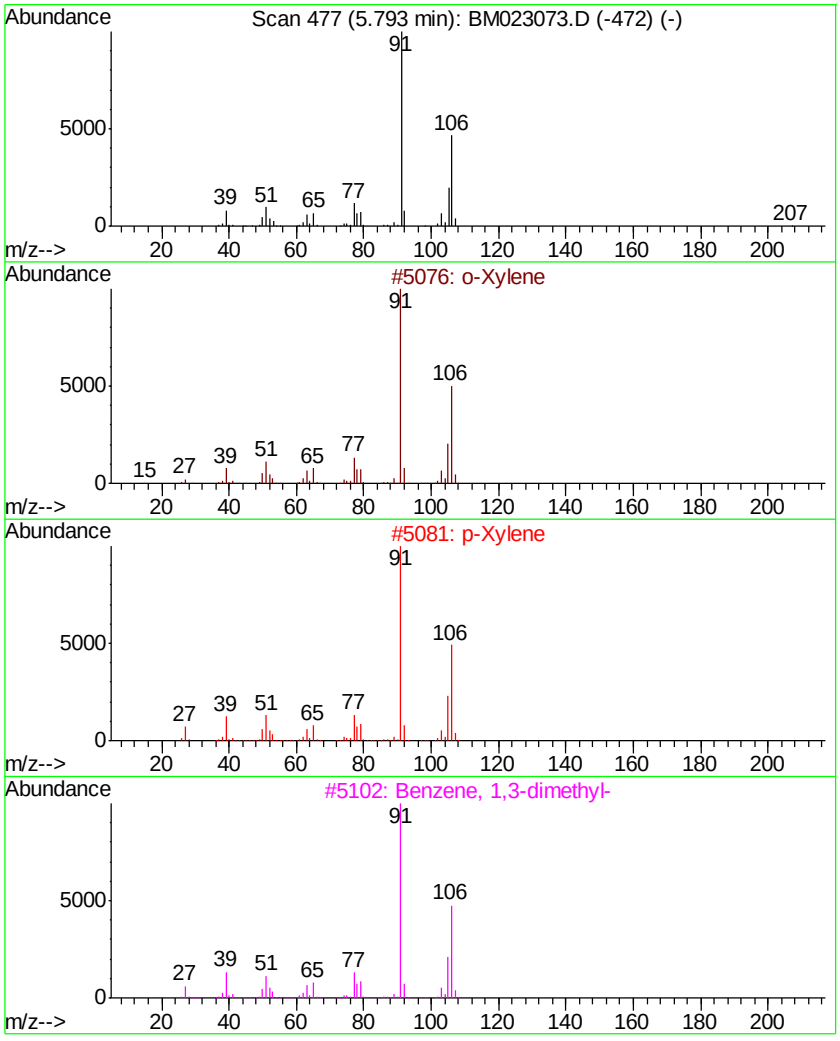
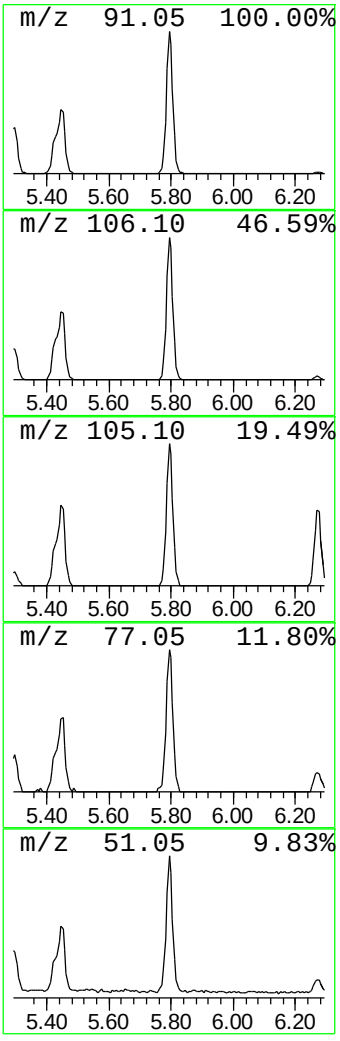
Peak Number 7 o-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	8.21 ng/ul	445598	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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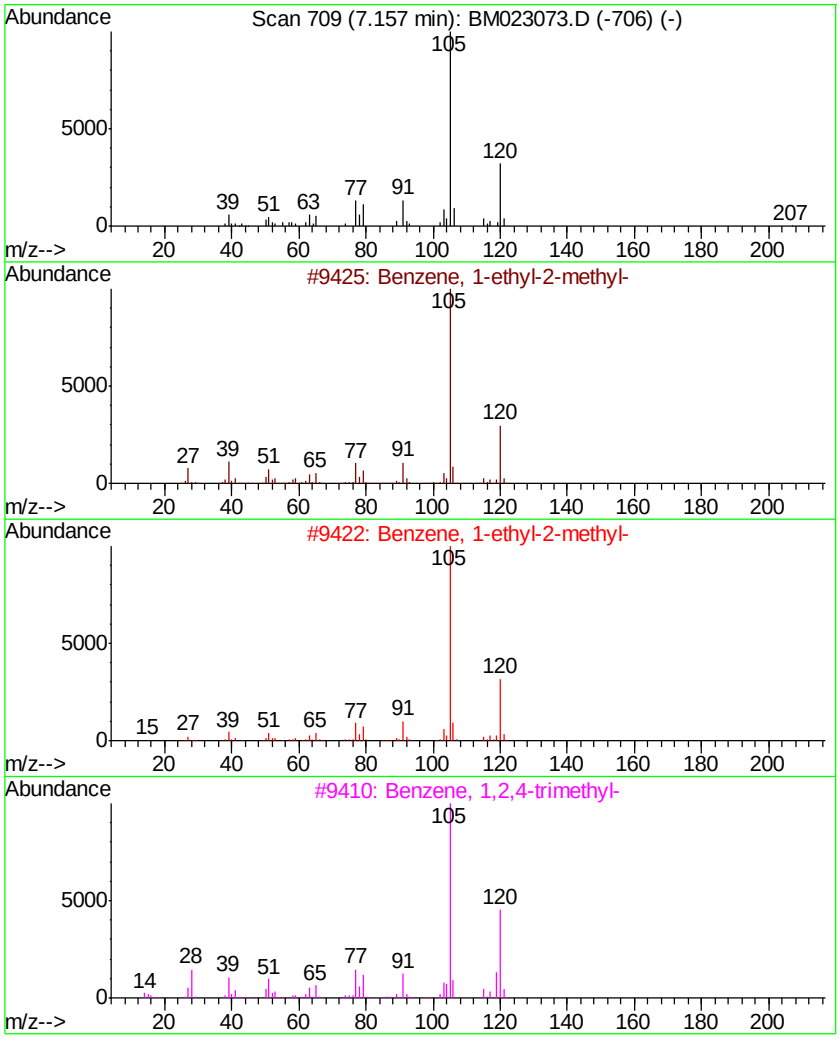
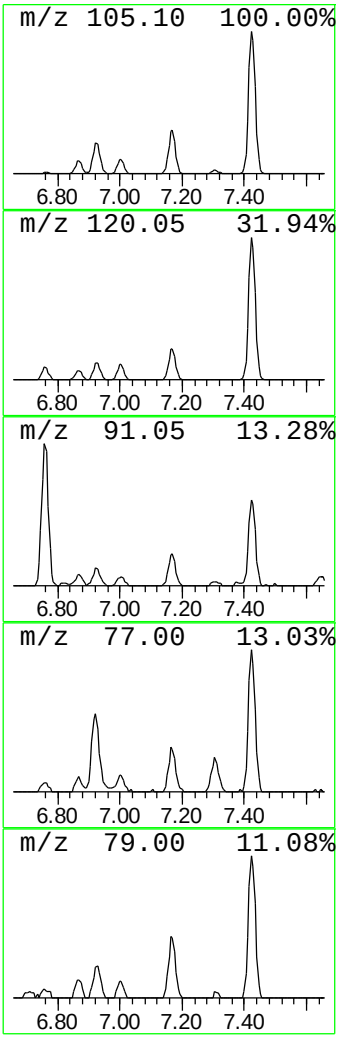
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	3.65 ng/ul	197882	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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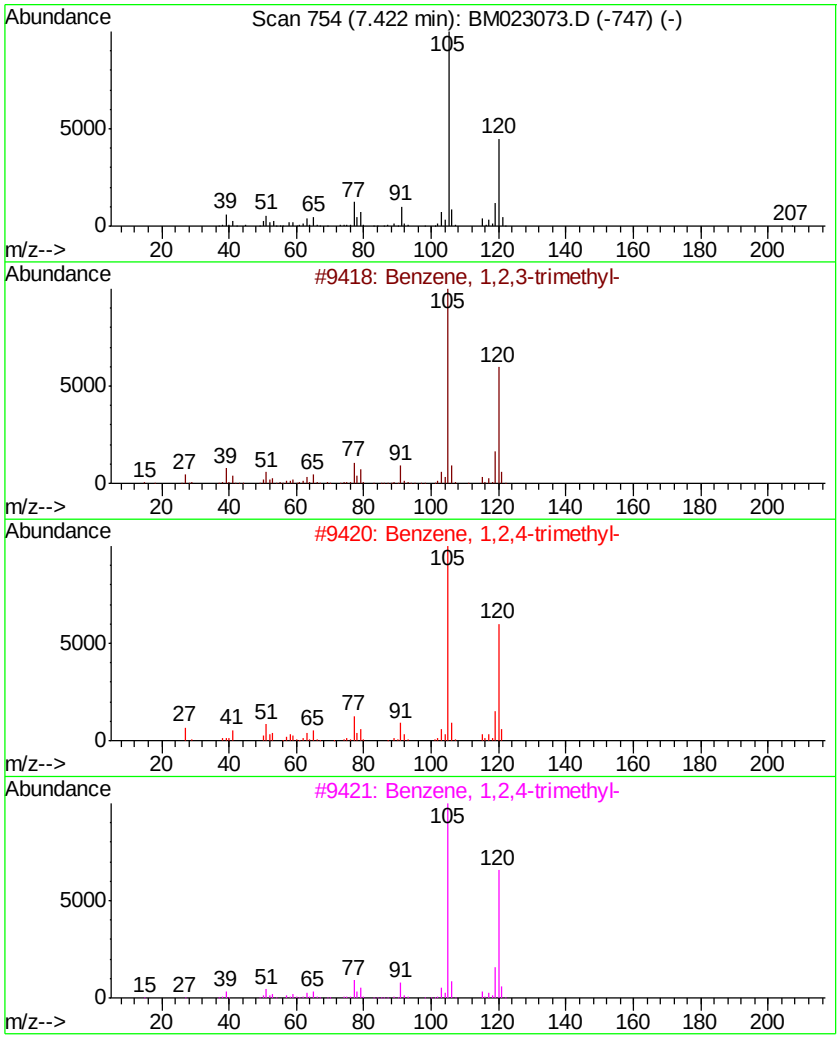
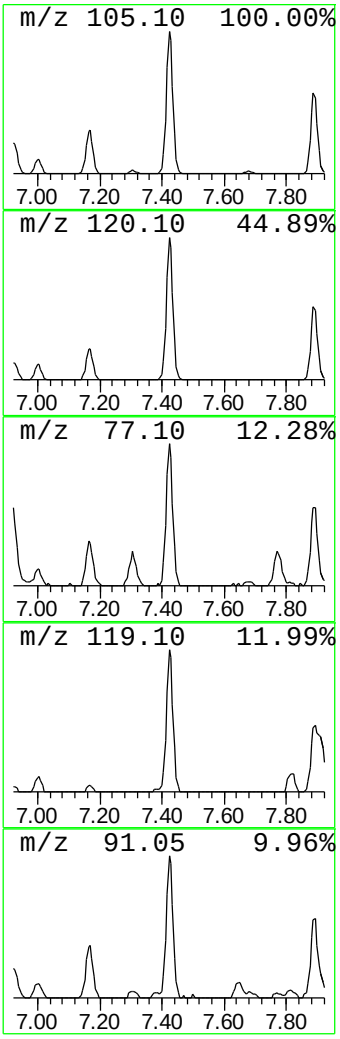
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	10.98 ng/ul	595646	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	93





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Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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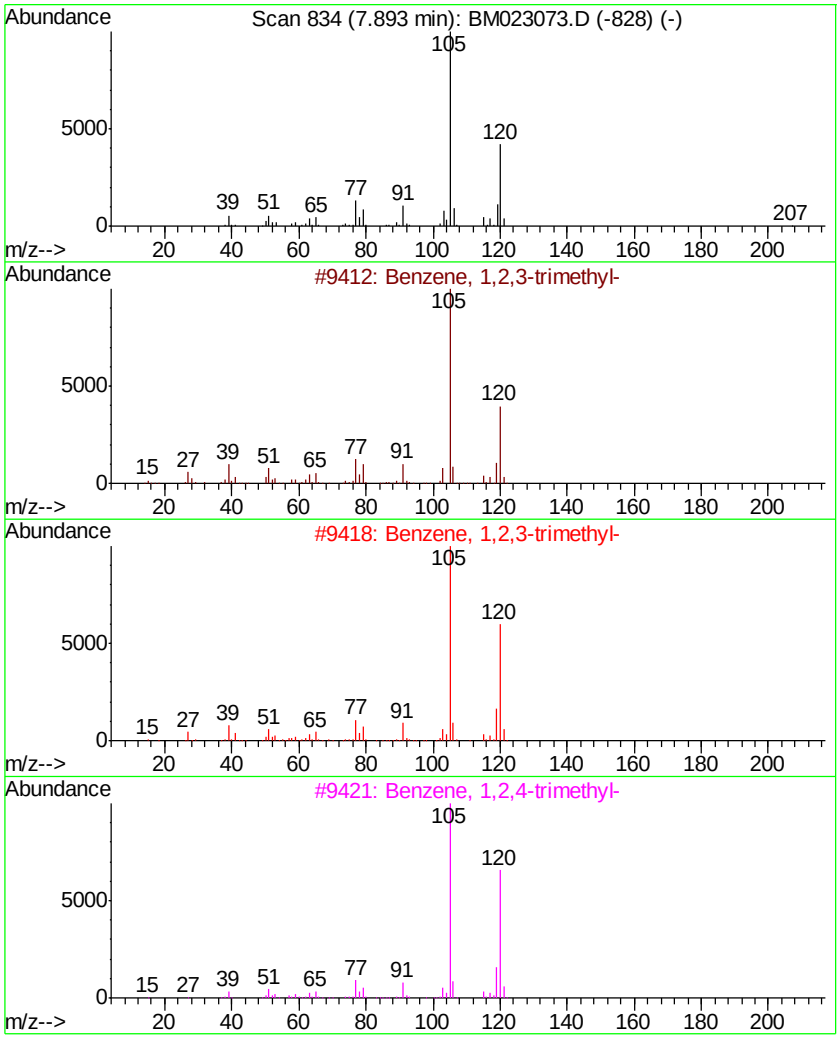
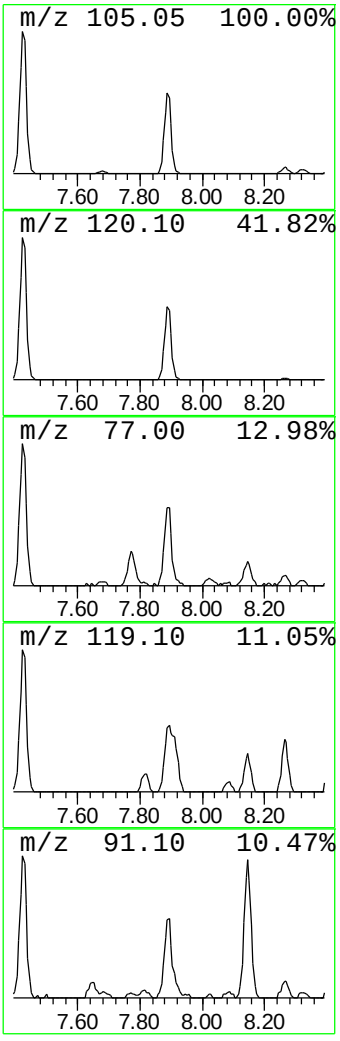
Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	7.03 ng/ul	381664	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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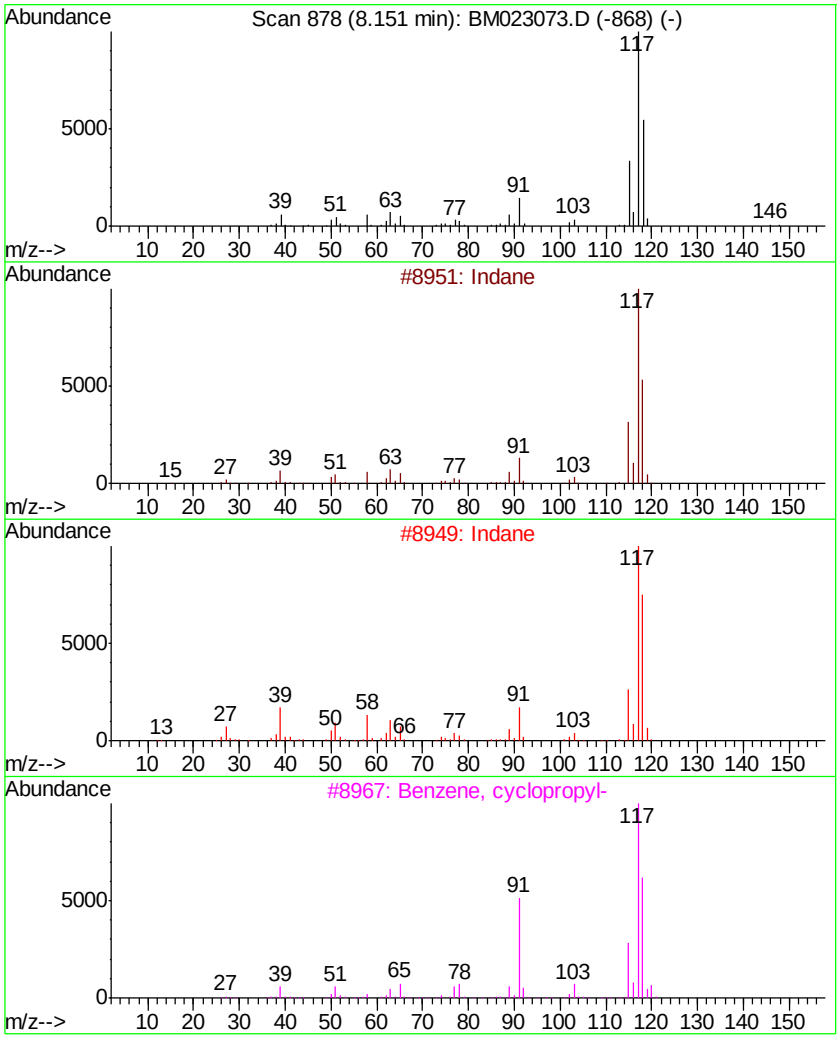
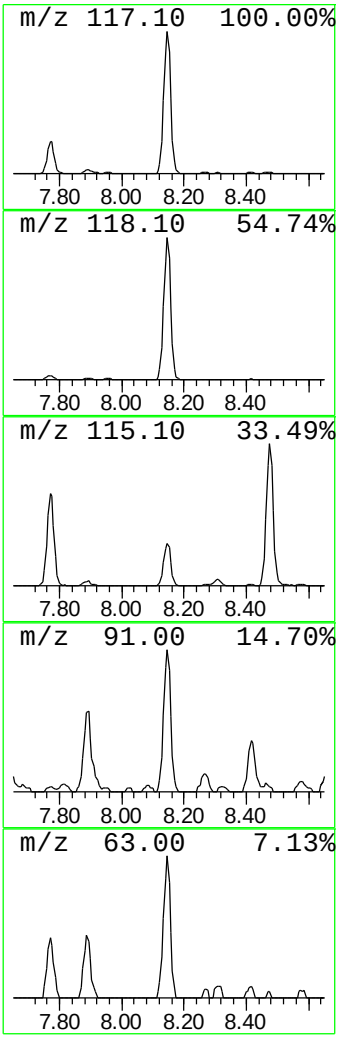
Peak Number 11 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	9.37 ng/ul	508664	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60





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Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
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Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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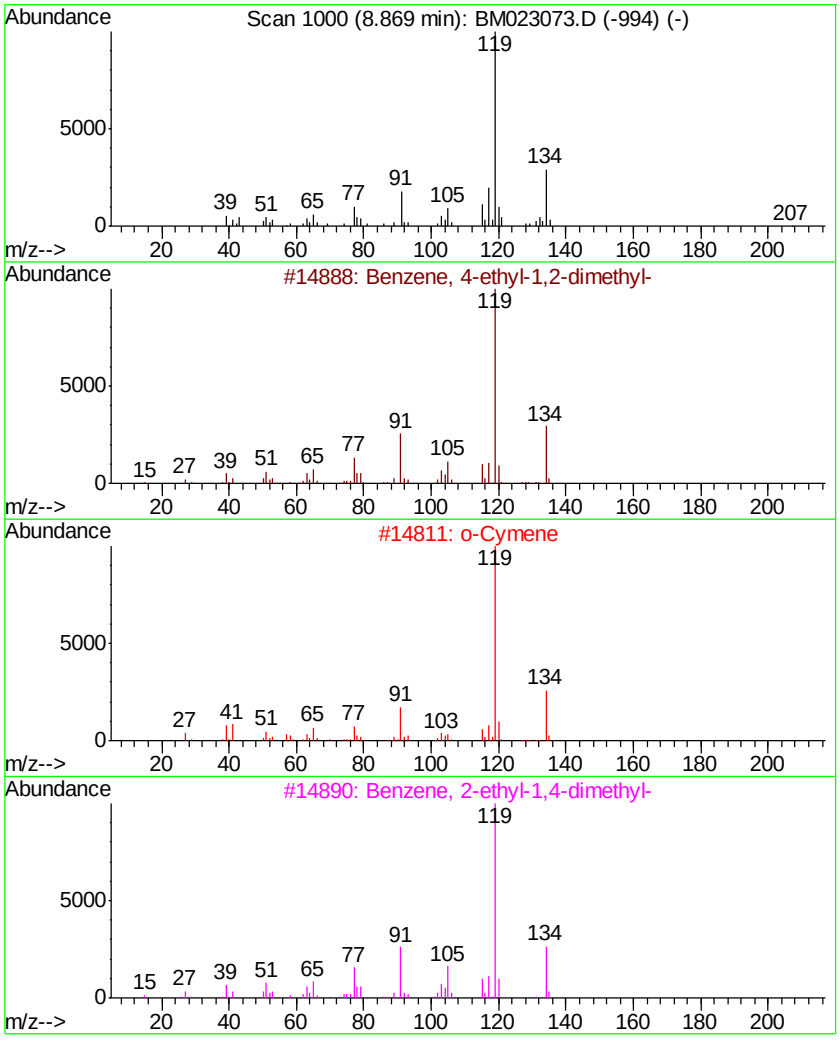
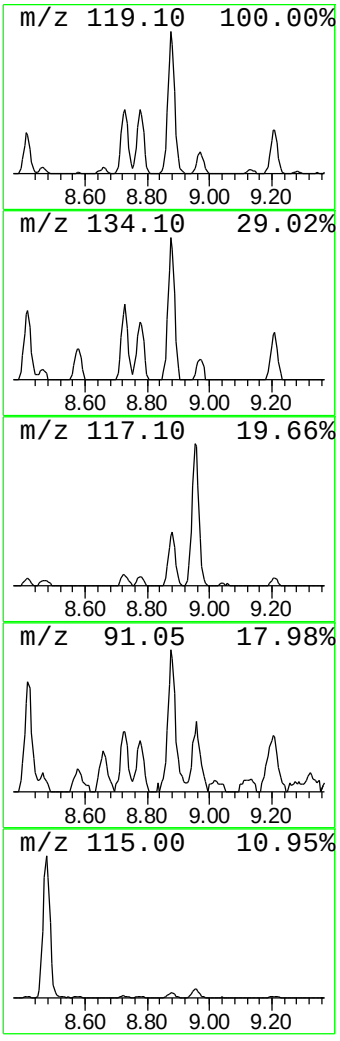
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.95 ng/ul	159932	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87





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Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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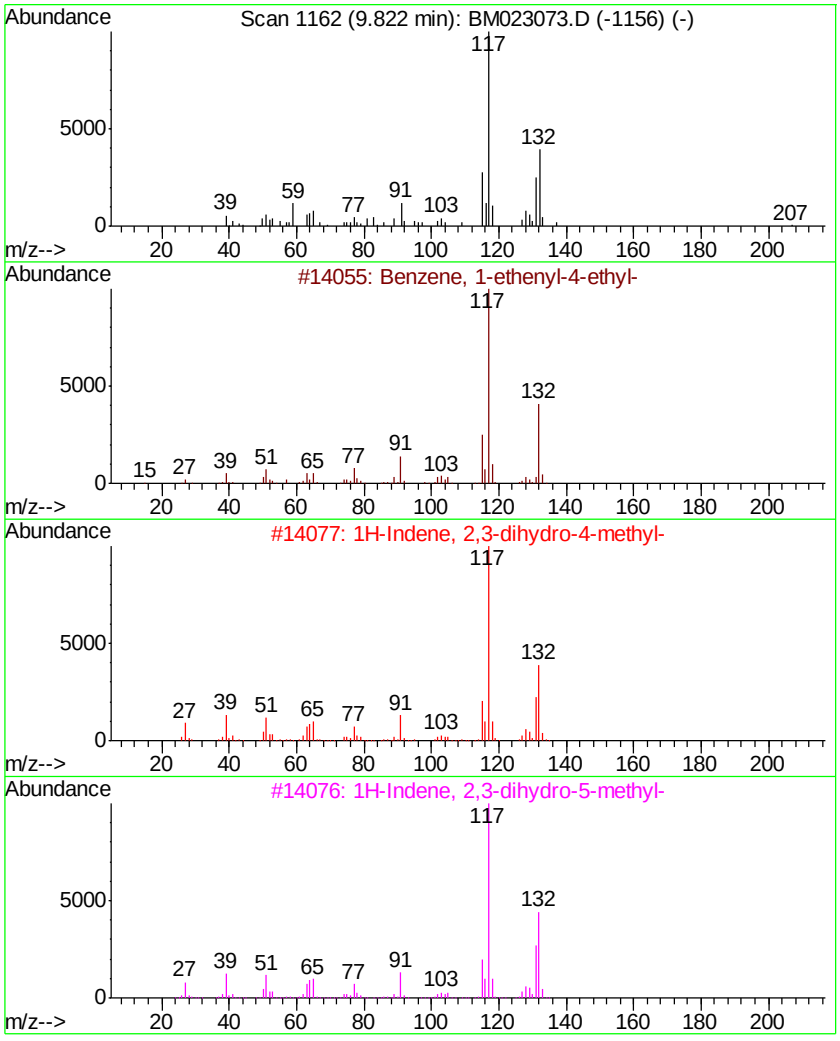
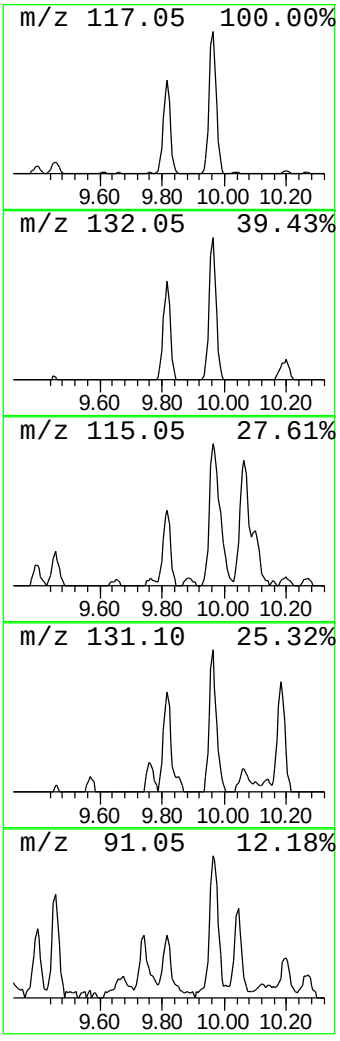
Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.10 ng/ul	170127	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





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Sample : K5028-10
Misc :
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Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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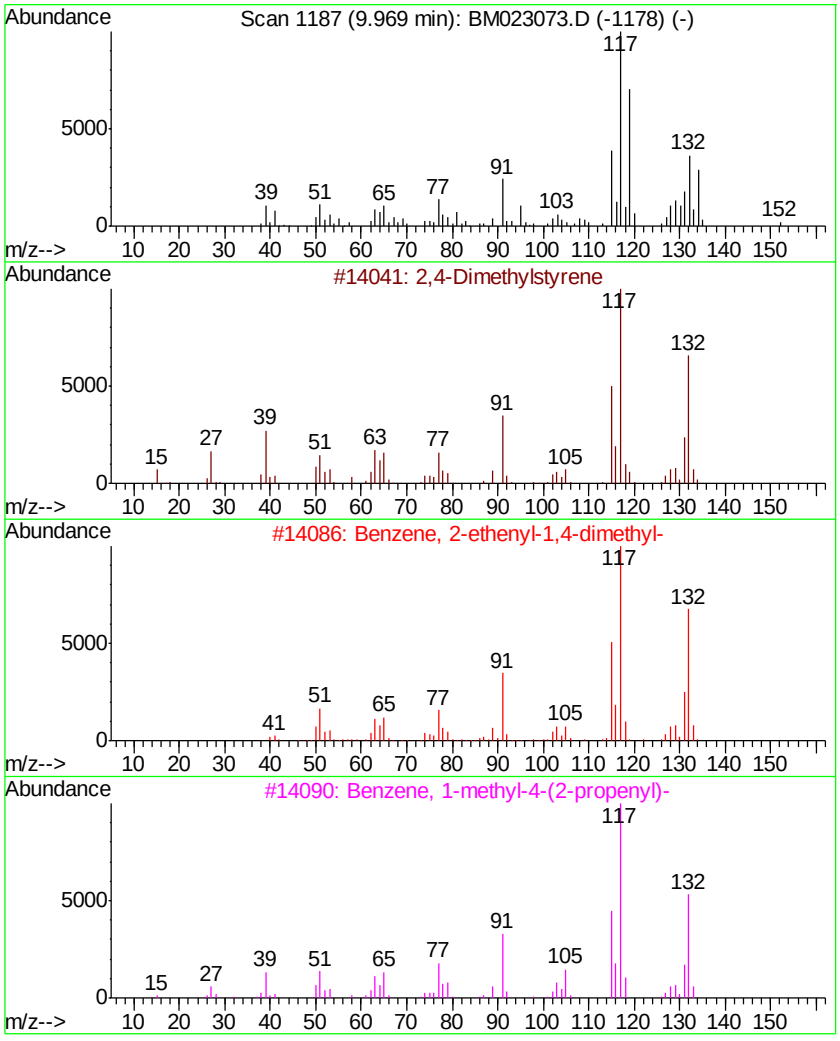
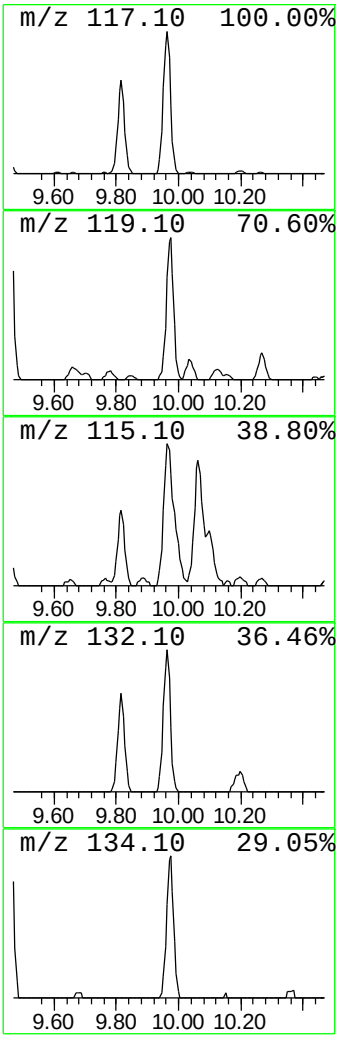
Peak Number 14 2,4-Dimethylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	5.32 ng/ul	431145	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	83
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	64





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Misc :
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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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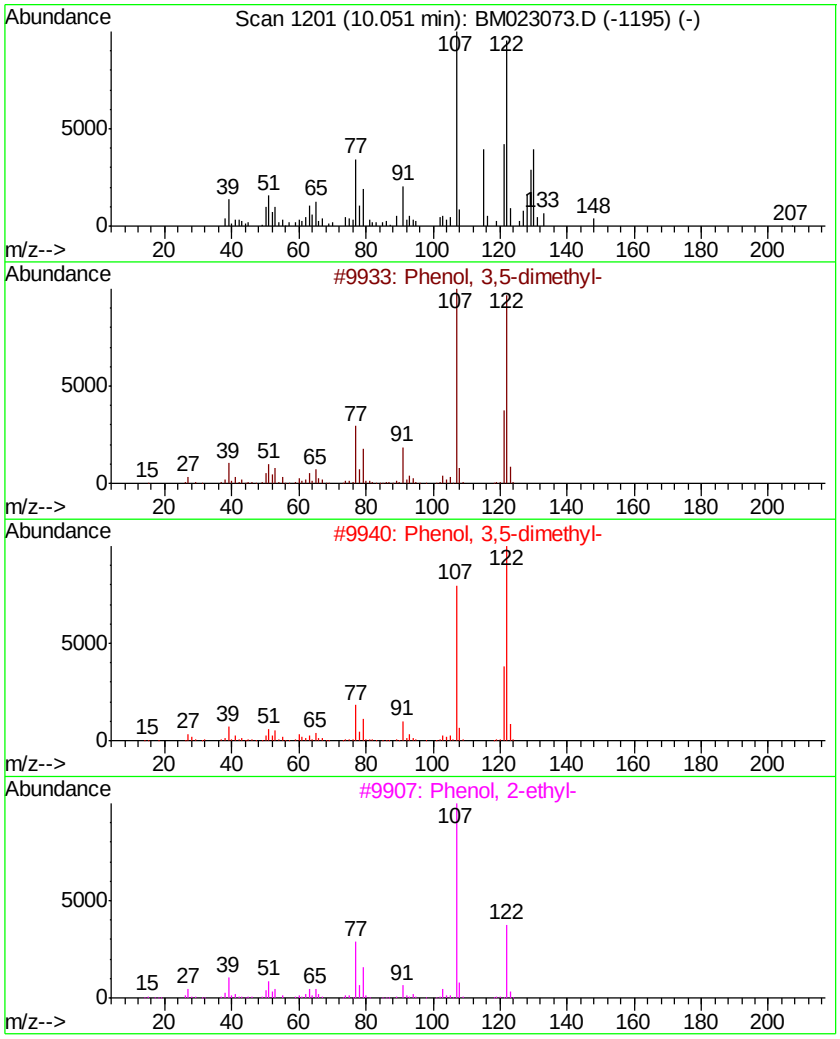
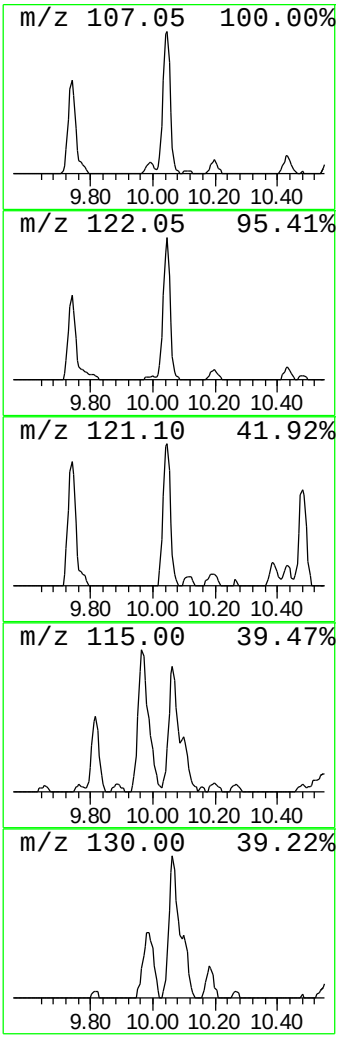
Peak Number 15 Phenol, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	3.61 ng/ul	292738	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
5	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91





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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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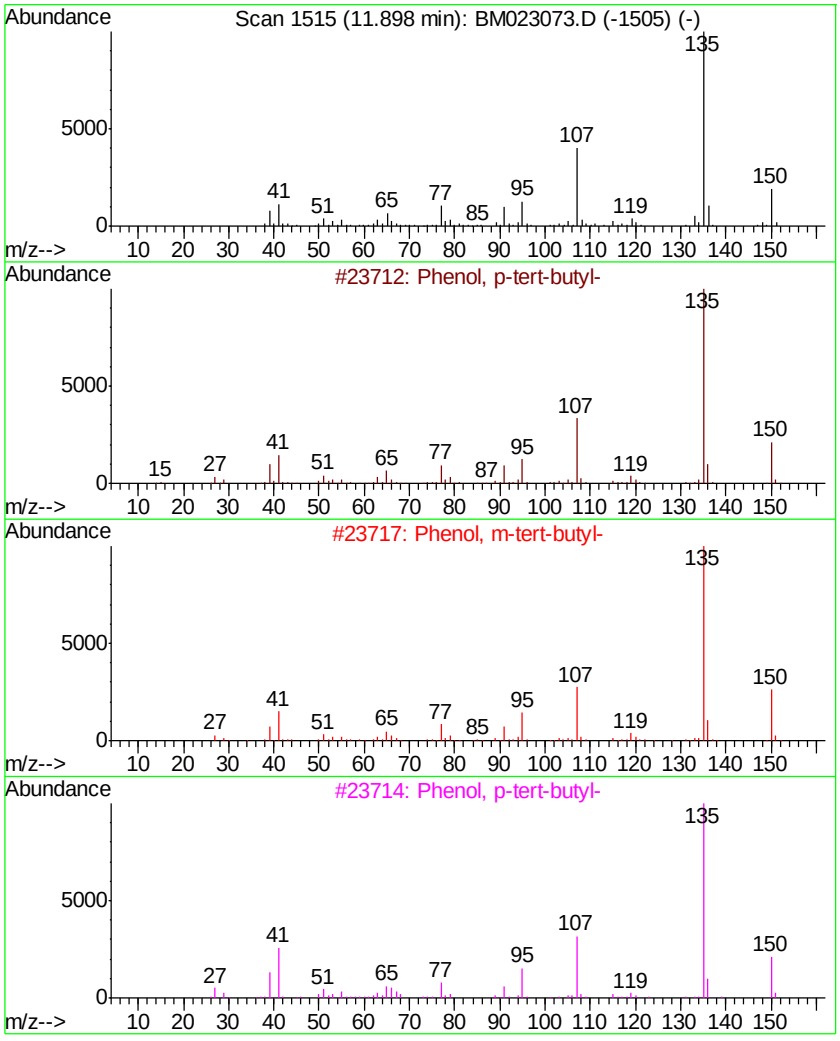
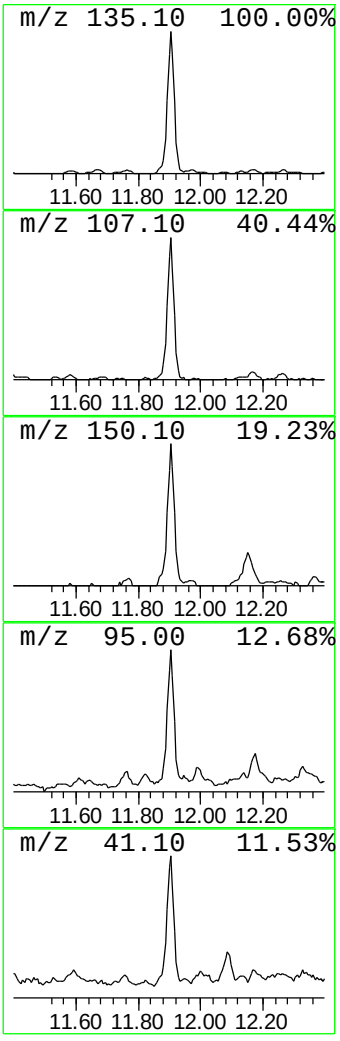
Peak Number 16 Phenol, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.27 ng/ul	427159	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	72
5	Hexestrol	270	C18H22O2	000084-16-2	64





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Acq On : 09 Oct 2019 08:22
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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Quant Title : SVOA CALIBRATION

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

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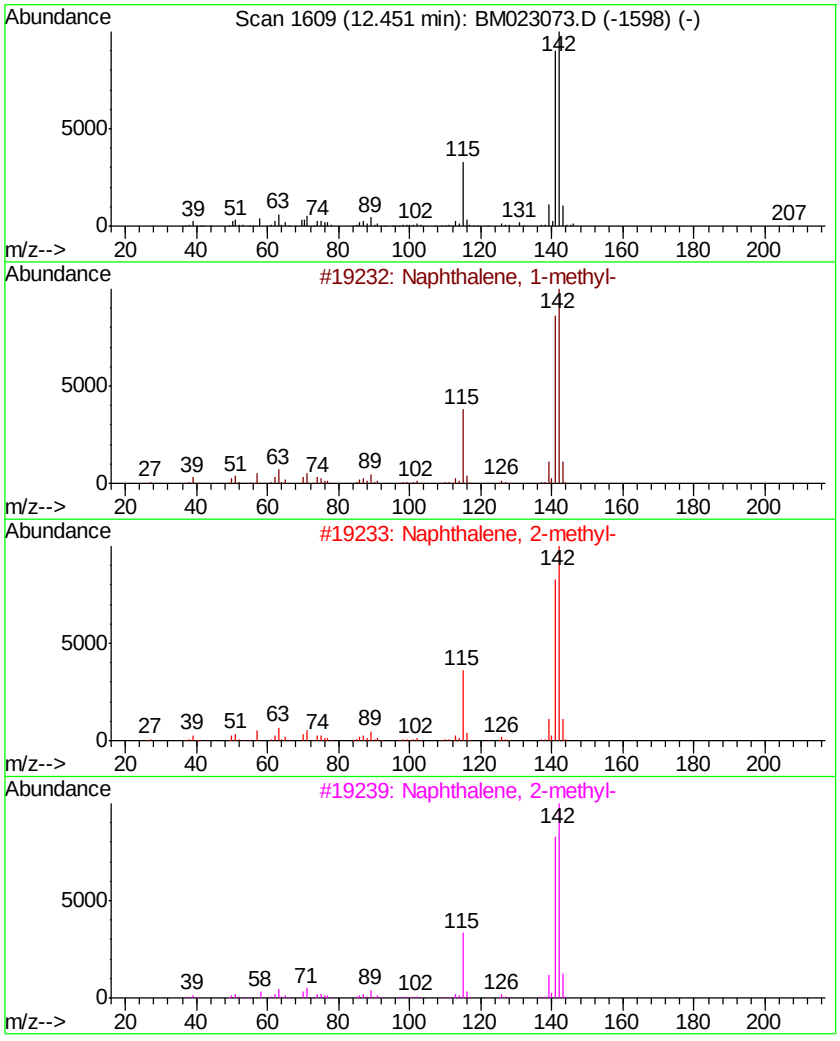
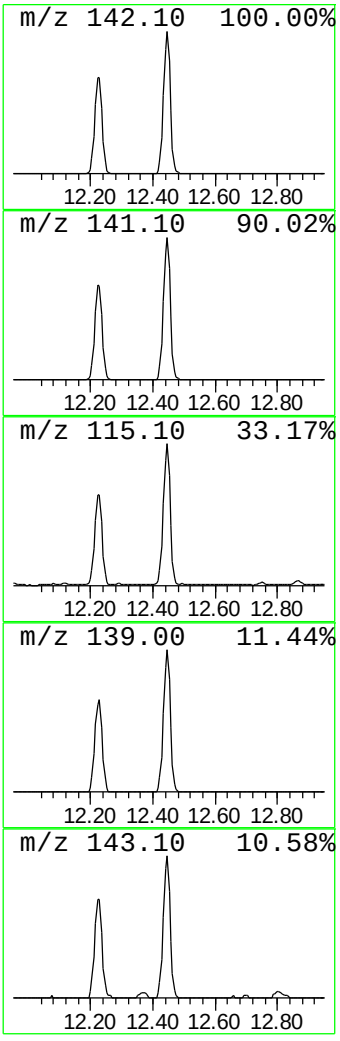
Peak Number 17 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	11.91 ng/ul	965773	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

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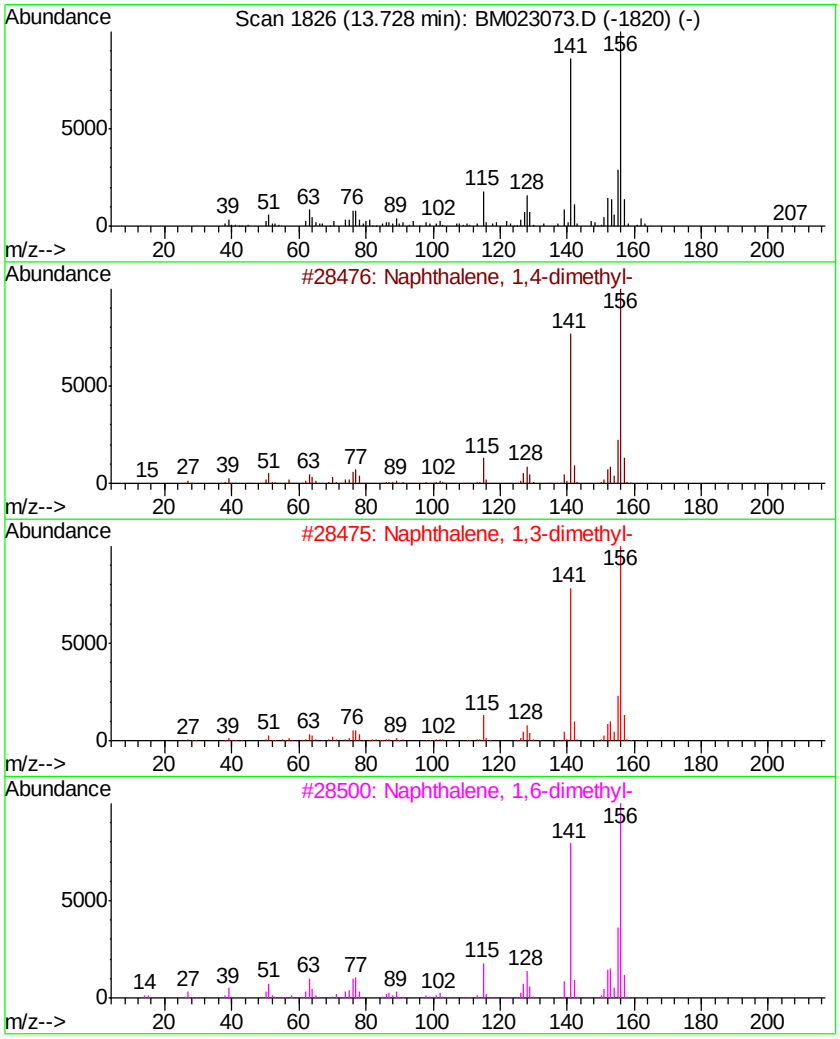
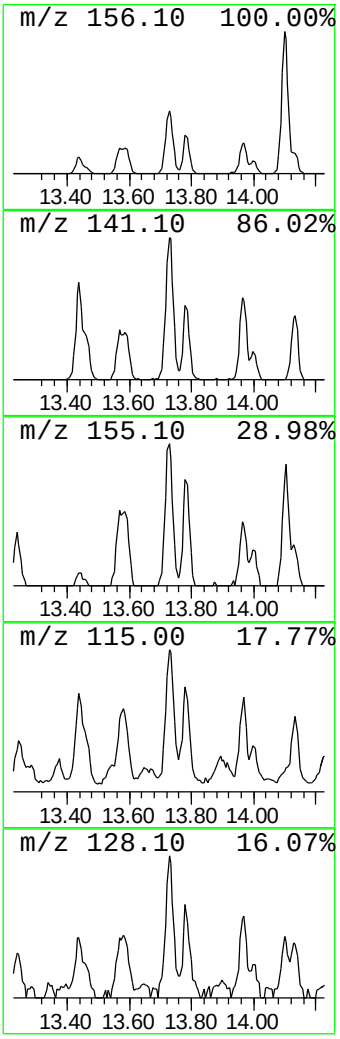
Peak Number 18 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.75 ng/ul	306458	Acenaphthene-d10	14.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

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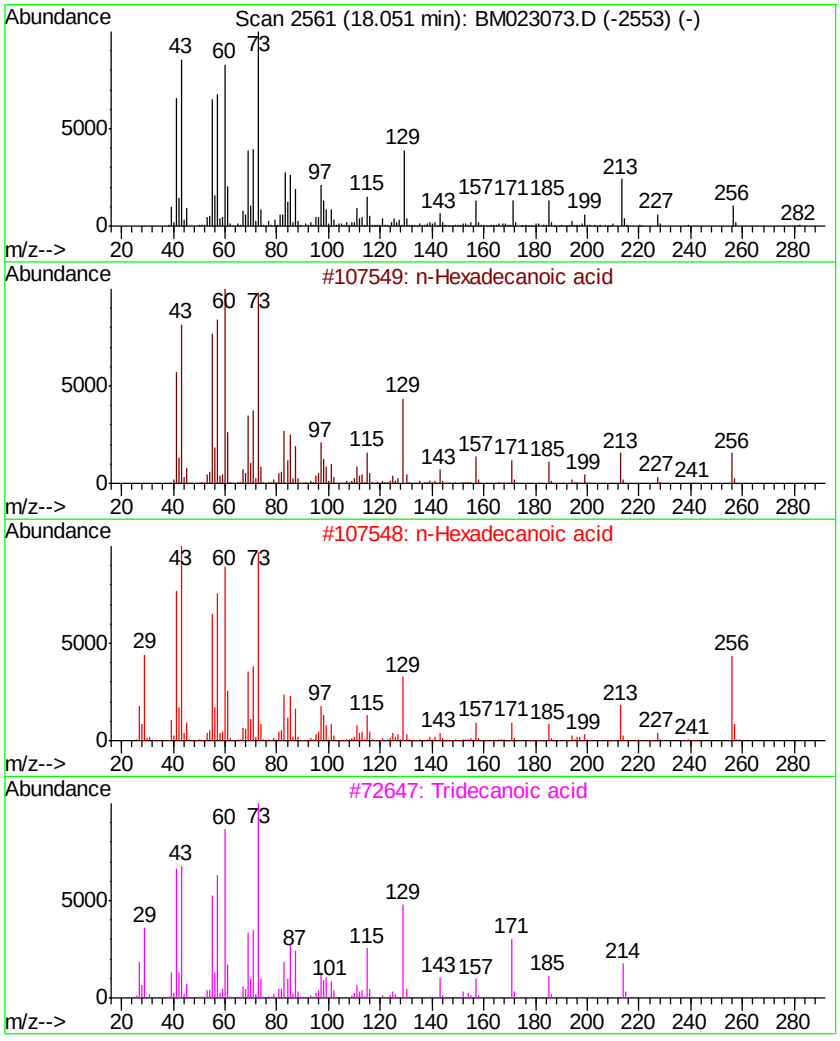
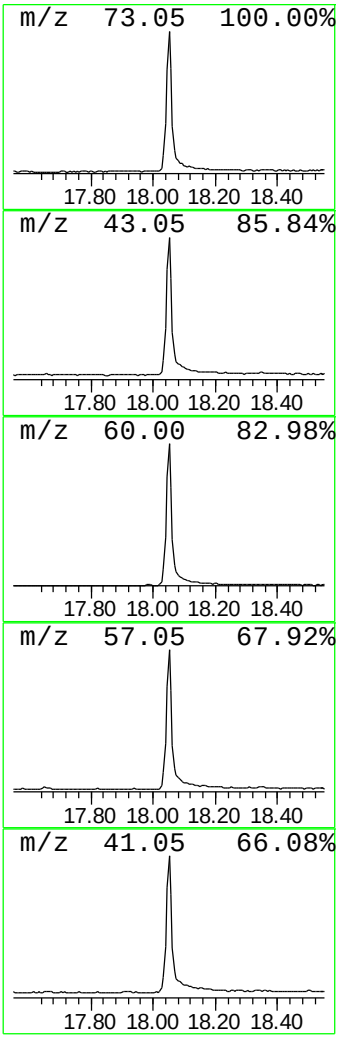
Peak Number 19 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	11.98 ng/ul	1287610	Phenanthrene-d10	17.15

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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

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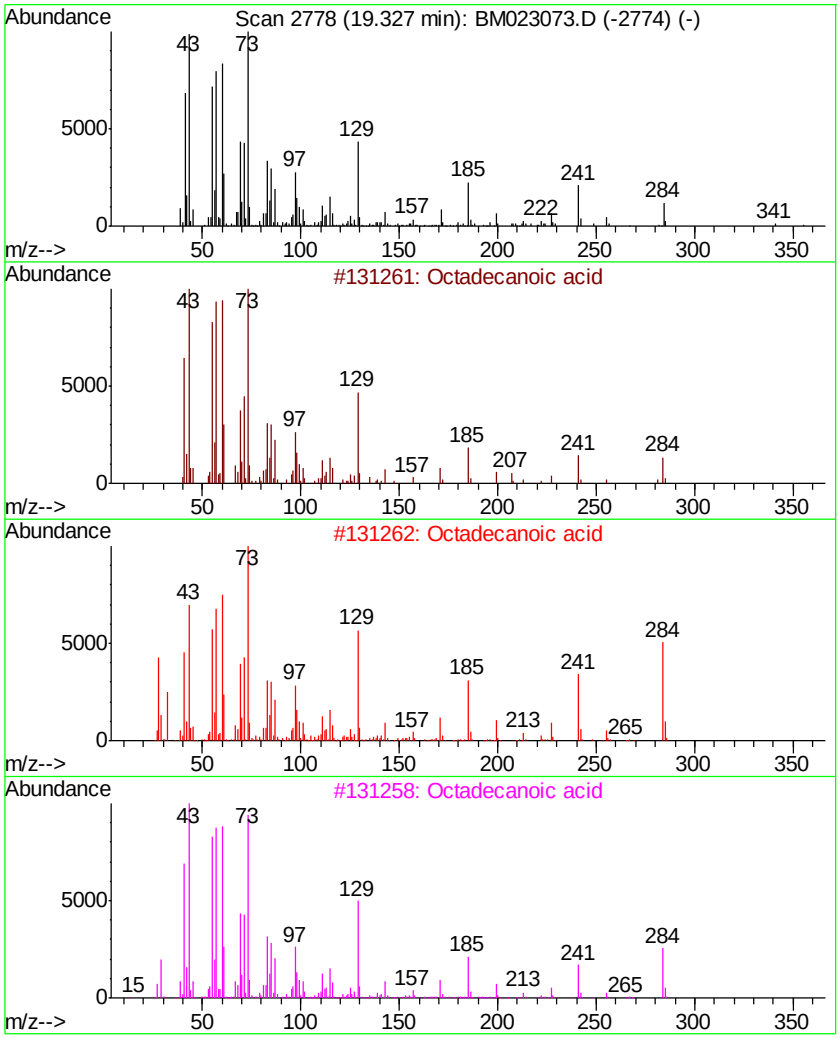
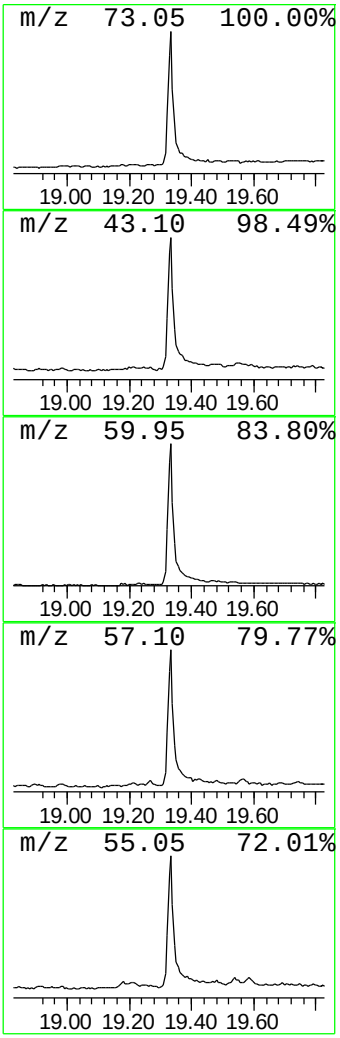
Peak Number 20 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	6.00 ng/ul	669559	Chrysene-d12	21.33

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

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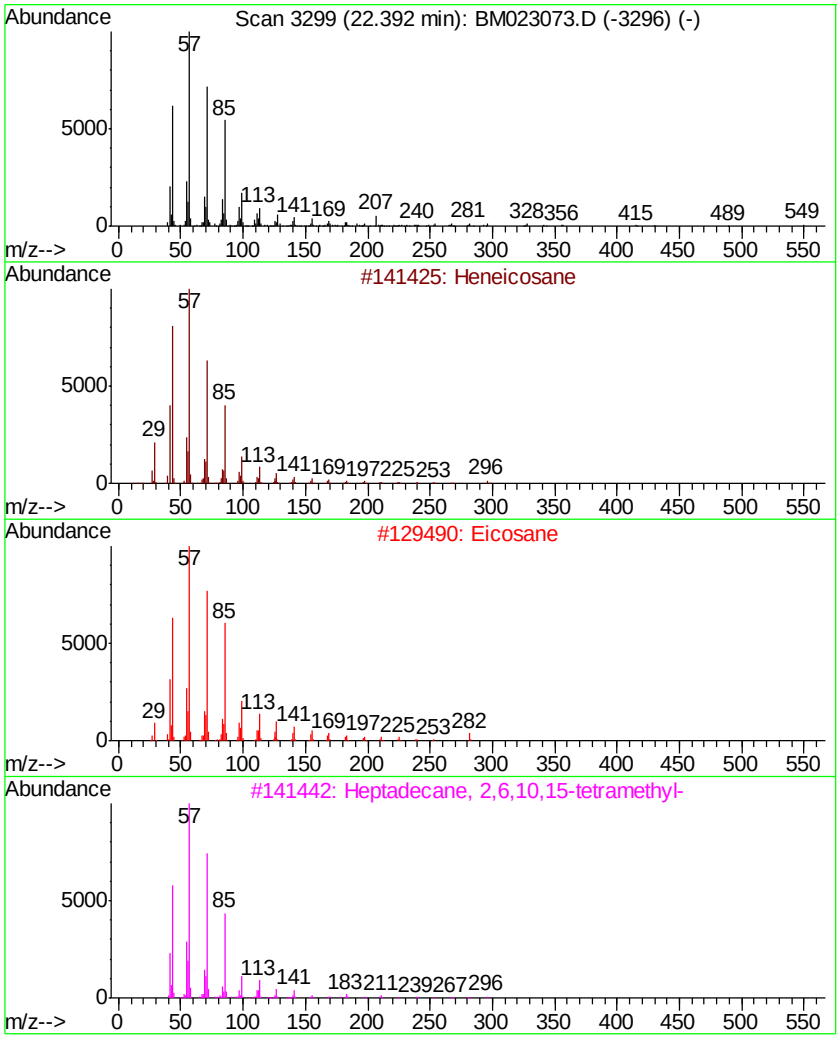
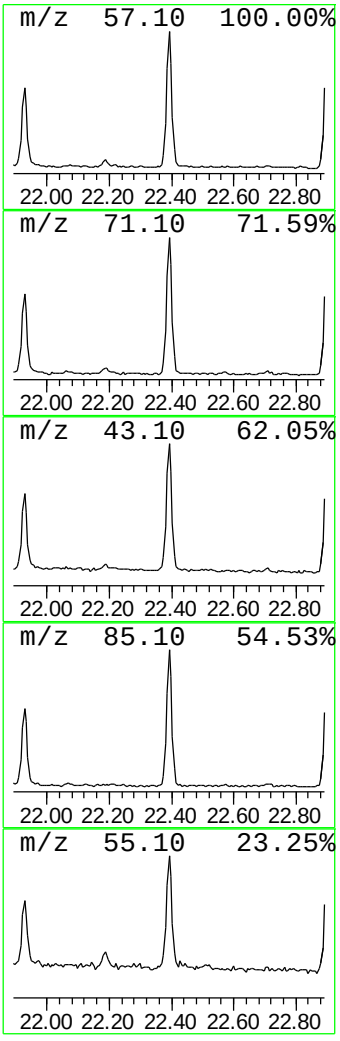
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	2.45 ng/ul	273719	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Eicosane	282	C20H42	000112-95-8	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Hexacosane	366	C26H54	000630-01-3	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

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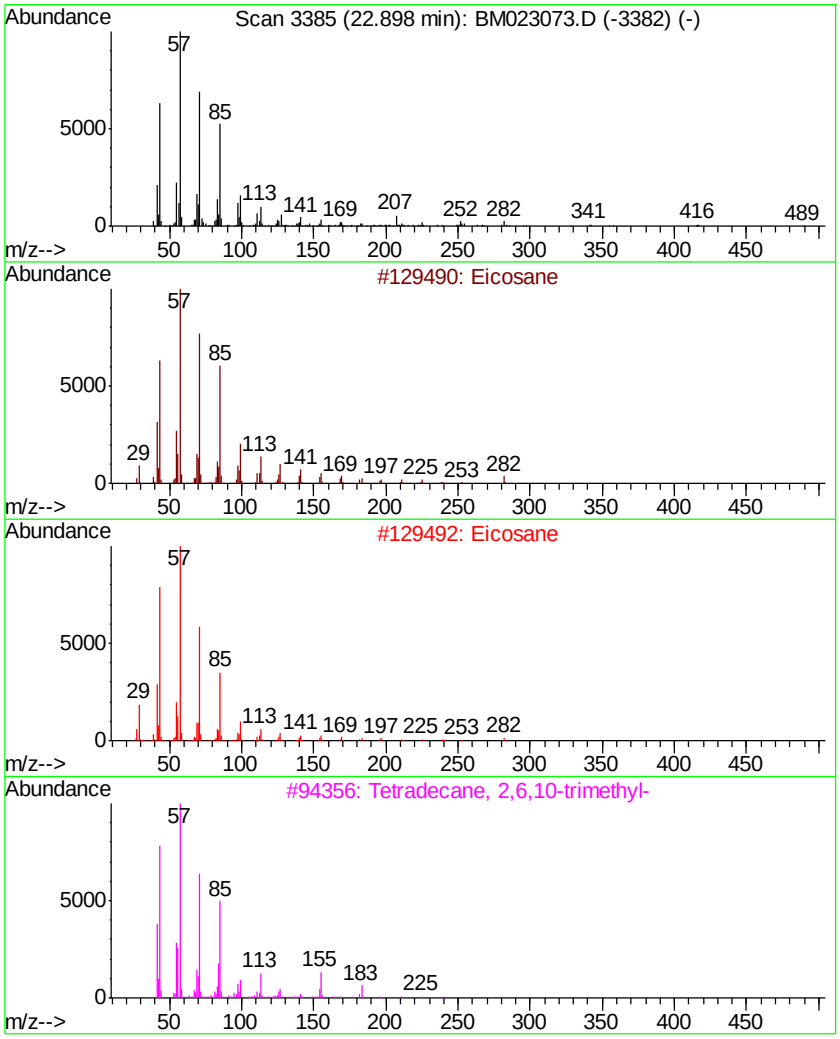
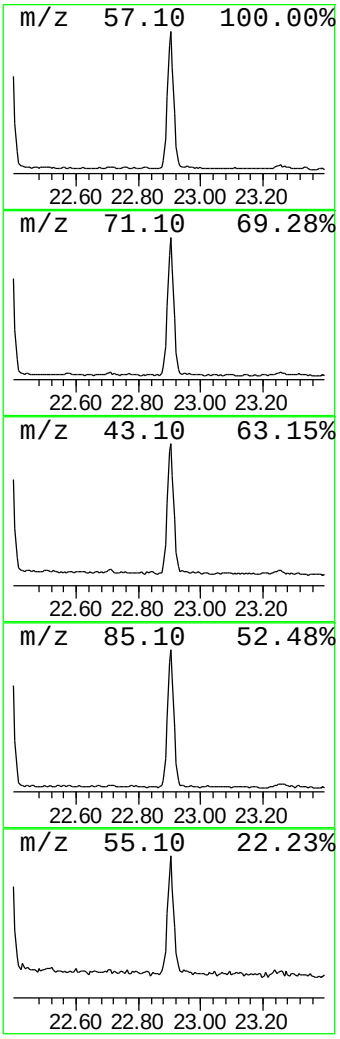
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.88 ng/ul	359503	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	95
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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

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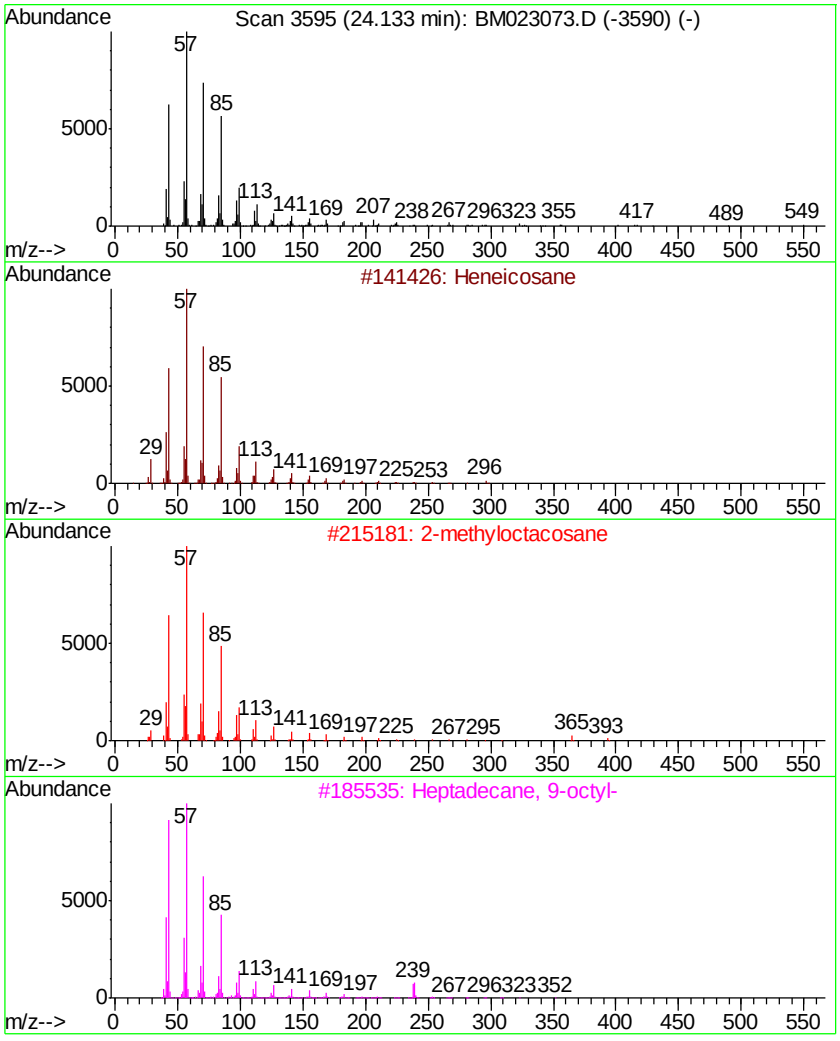
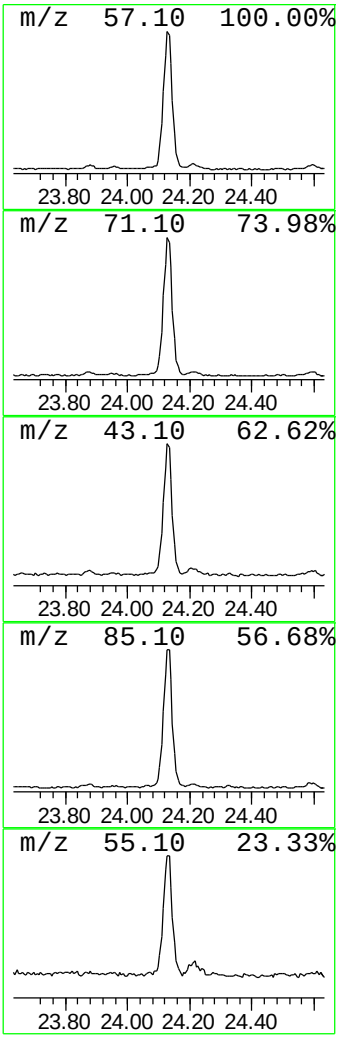
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.65 ng/ul	455384	Perylene-d12	23.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023073.D
Acq On : 09 Oct 2019 08:22
Operator : JU
Sample : K5028-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL0

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
Propanoic acid, 1...	3.71	3.7	ng/ul	201849	1	7.77	1085310	20.0
Propanoic acid, 2...	4.25	7.6	ng/ul	410451	1	7.77	1085310	20.0
Propanoic acid, p...	4.42	11.1	ng/ul	604224	1	7.77	1085310	20.0
Butanoic acid, 1-...	4.88	13.6	ng/ul	735365	1	7.77	1085310	20.0
Ethylbenzene	5.30	2.4	ng/ul	129514	1	7.77	1085310	20.0
p-Xylene	5.45	5.4	ng/ul	294847	1	7.77	1085310	20.0
o-Xylene	5.79	8.2	ng/ul	445598	1	7.77	1085310	20.0
Benzene, 1-ethyl-...	7.16	3.6	ng/ul	197882	1	7.77	1085310	20.0
Benzene, 1,2,3-tr...	7.42	11.0	ng/ul	595646	1	7.77	1085310	20.0
Benzene, 1,2,4-tr...	7.89	7.0	ng/ul	381664	1	7.77	1085310	20.0
Indane	8.15	9.4	ng/ul	508664	1	7.77	1085310	20.0
Benzene, 4-ethyl-...	8.87	3.0	ng/ul	159932	1	7.77	1085310	20.0
Benzene, 1-etheny...	9.82	2.1	ng/ul	170127	2	10.56	1621440	20.0
2,4-Dimethylstyrene	9.97	5.3	ng/ul	431145	2	10.56	1621440	20.0
Phenol, 3,5-dimet...	10.05	3.6	ng/ul	292738	2	10.56	1621440	20.0
Phenol, p-tert-bu...	11.90	5.3	ng/ul	427159	2	10.56	1621440	20.0
Naphthalene, 1-me...	12.45	11.9	ng/ul	965773	2	10.56	1621440	20.0
Naphthalene, 1,4-...	13.73	2.8	ng/ul	306458	3	14.41	2228940	20.0
n-Hexadecanoic acid	18.05	12.0	ng/ul	1287610	4	17.15	2149920	20.0
Octadecanoic acid	19.33	6.0	ng/ul	669559	5	21.33	2231080	20.0
(DEL) Alkane: Str...	22.39	2.5	ng/ul	273719	5	21.33	2231080	20.0
(DEL) Alkane: Str...	22.90	2.9	ng/ul	359503	6	23.58	2495480	20.0
(DEL) Alkane: Str...	24.13	3.6	ng/ul	455384	6	23.58	2495480	20.0