LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

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-BM101419MA.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	3.246	35	44	57	rVV	3478633	4749572	51.74%	3.019%
2	3.663	110	115	131	rVB	422189	587075	6.40%	0.373%
3	3.916	153	158	169	rVB2	90475	202409	2.20%	0.129%
4	4.193	200	205	212	rBV	869272	1175108	12.80%	0.747%
5	4.257	212	216	229	rVB2	121082	213750	2.33%	0.136%
6	4.369	229	235	241	rBV	1122197	1595034	17.38%	1.014%
7	4.816	301	311	319	rVV	1456181	2026269	22.07%	1.288%
8	5.034	342	348	354	rBV	105088	162164	1.77%	0.103%
9	5.234	375	382	389	rVB	504523	765221	8.34%	0.486%
10	5.363	398	404	414	rBV	1172195	2602091	28.35%	1.654%
11	5.669	451	456	461	rVV	205958	291838	3.18%	0.185%
12	5.728	461	466	475	rVV	484363	748061	8.15%	0.475%
13	6.204	538	547	558	rBV	168484	304041	3.31%	0.193%
14	6.687	622	629	636	rBV2	370139	632432	6.89%	0.402%
15	6.798	642	648	652	rBV	386179	623148	6.79%	0.396%
16	6.851	652	657	665	rVV2	702136	1305693	14.22%	0.830%
17	6.928	665	670	678	rVB	637944	972061	10.59%	0.618%
18	7.028	680	687	693	rBV	958973	1562421	17.02%	0.993%
19	7.092	693	698	703	rVV	288406	457326	4.98%	0.291%
20	7.222	711	720	728	rVV	1155137	1982941	21.60%	1.260%
21	7.351	736	742	748	rVV	3273754	4980436	54.25%	3.166%
22	7.686	792	799	805	rBV	1422936	2383913	25.97%	1.515%
23	7.810	814	820	830	rVB	1394311	2364285	25.76%	1.503%
24	8.010	843	854	856	rBV4	100981	175605	1.91%	0.112%
25	8.063	856	863	870	rVB	645007	1156666	12.60%	0.735%
26	8.192	877	885	888	rBV	160785	261947	2.85%	0.166%
27	8.251	888	895	902	rVB3	172203	353927	3.86%	0.225%
28	8.339	902	910	914	rBV2	450722	739970	8.06%	0.470%
29	8.386	914	918	924	rVV	989659	1538665	16.76%	0.978%
30	8.498	932	937	946	rBV2	205174	402229	4.38%	0.256%
31	8.651	957	963	967	rBV	233082	366698	3.99%	0.233%
32	8.698	967	971	981	rVB	227507	358623	3.91%	0.228%
33	8.798	981	988	990	rBV	631233	958353	10.44%	0.609%
34	8.833	990	994	999	rVV	1229177	2058416	22.42%	1.308%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

35	8.875	999	1001	1007	rVV2	180635	296454	3.23%	0.188%
36	9.045	1021	1030	1037	rBV7	64203	169246	1.84%	0.108%
37	9.128	1037	1044	1052	rBV3	140464	306622	3.34%	0.195%
38	9.322	1071	1077	1082	rVB	308738	478519	5.21%	0.304%
39	9.380	1082	1087	1094	rVB	391916	634770	6.91%	0.403%
40	9.551	1109	1116	1126	rBV	916591	1595342	17.38%	1.014%
41	9.733	1142	1147	1152	rVB	193891	306556	3.34%	0.195%
42	9.886	1163	1173	1181	rVB3	564461	1181330	12.87%	0.751%
43	9.963	1181	1186	1193	rBV5	83931	182547	1.99%	0.116%
44	10.086	1201	1207	1217	rVB	1698045	2970443	32.36%	1.888%
45	10.392	1254	1259	1264	rVB3	109555	195806	2.13%	0.124%
46	10.469	1264	1272	1276	rBV	2029882	3469730	37.80%	2.205%
47	10.522	1276	1281	1288	rVV	2171398	3676490	40.05%	2.337%
48	10.598	1288	1294	1308	rVB	844368	1672684	18.22%	1.063%
49	11.821	1492	1502	1516	rBV	409921	927009	10.10%	0.589%
50	12.139	1549	1556	1562	rBV	1270657	1972820	21.49%	1.254%
51	12.357	1585	1593	1600	rVB	916822	1489923	16.23%	0.947%
52	12.780	1656	1665	1673	rBV8	96864	225989	2.46%	0.144%
53	13.163	1725	1730	1739	rVB2	437724	742206	8.09%	0.472%
54	13.492	1782	1786	1794	rVB3	147597	368749	4.02%	0.234%
55	13.651	1805	1813	1818	rBV	237049	455731	4.96%	0.290%
56	13.704	1818	1822	1824	rVV	162669	249877	2.72%	0.159%
57	13.745	1824	1829	1833	rVV	3230478	4411544	48.06%	2.804%
58	13.792	1833	1837	1846	rVV	1474461	1996021	21.74%	1.269%
59	13.886	1849	1853	1857	rVV	106461	168215	1.83%	0.107%
60	14.021	1869	1876	1885	rBV	3513884	5413291	58.97%	3.441%
61	14.180	1899	1903	1911	rVB2	96132	173139	1.89%	0.110%
62	14.327	1920	1928	1934	rBV	3117570	4927316	53.68%	3.132%
63	14.392	1934	1939	1946	rVV	814711	1216943	13.26%	0.773%
64	14.451	1946	1949	1955	rVB	110118	165515	1.80%	0.105%
65	14.515	1955	1960	1969	rBV	375336	595165	6.48%	0.378%
66	14.668	1980	1986	1991	rBV2	139005	215565	2.35%	0.137%
67	14.727	1991	1996	2002	rBV	405289	624507	6.80%	0.397%
68	15.098	2051	2059	2063	rBV3	248218	449799	4.90%	0.286%
69	15.327	2091	2098	2103	rBV	4511205	6618985	72.10%	4.207%
70	15.380	2103	2107	2111	rVB2	557807	776233	8.46%	0.493%
71	15.433	2111	2116	2122	rBV	1043315	1402450	15.28%	0.891%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : BFDL9

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	15.574	2136	2140	2148	rVB3	189576	317389	3.46%	0.202%
73	15.839	2179	2185	2194	rVB2	202331	500899	5.46%	0.318%
74	15.992	2205	2211	2215	rBV	167138	280789	3.06%	0.178%
75	16.045	2216	2220	2223	rVV4	105856	204201	2.22%	0.130%
76	16.086	2223	2227	2236	rVB	990474	1345073	14.65%	0.855%
77	16.345	2266	2271	2274	rBV2	115921	189496	2.06%	0.120%
78	17.074	2389	2395	2399	rBV2	4006969	5782180	62.99%	3.675%
79	17.115	2399	2402	2406	rVV	744280	986226	10.74%	0.627%
80	17.168	2406	2411	2422	rVB2	5163463	7510137	81.81%	4.773%
81	17.468	2457	2462	2468	rVB	509877	720568	7.85%	0.458%
82	17.686	2495	2499	2504	rBV	510116	645899	7.04%	0.411%
83	17.909	2533	2537	2541	rBV2	212438	311556	3.39%	0.198%
84	17.998	2547	2552	2560	rBV3	1104975	1813131	19.75%	1.152%
85	19.133	2741	2745	2748	rVB	174085	222375	2.42%	0.141%
86	19.286	2767	2771	2777	rBV	904753	1247222	13.59%	0.793%
87	19.468	2796	2802	2807	rBV	6721059	9179734	100.00%	5.835%
88	19.521	2807	2811	2815	rVB	1625313	2032893	22.15%	1.292%
89	20.539	2980	2984	2991	rBV5	174278	393267	4.28%	0.250%
90	21.009	3060	3064	3070	rBV2	255877	465952	5.08%	0.296%
91	21.262	3101	3107	3116	rBV	5519465	7091015	77.25%	4.507%
92	21.462	3137	3141	3144	rVB	240645	268715	2.93%	0.171%
93	21.897	3211	3215	3220	rBV	389394	492392	5.36%	0.313%
94	22.362	3290	3294	3301	rVB	596696	769500	8.38%	0.489%
95	22.874	3376	3381	3387	rVB	720769	1048186	11.42%	0.666%
96	23.338	3452	3460	3472	rVB	5093528	9071066	98.82%	5.766%
97	23.474	3473	3483	3493	rVB	3604347	8197439	89.30%	5.210%
98	24.103	3584	3590	3597	rBV	575755	1112322	12.12%	0.707%
99	24.856	3712	3718	3726	rVB	381081	840592	9.16%	0.534%
100	25.744	3863	3869	3880	rVB2	195348	507744	5.53%	0.323%

Sum of corrected areas: 157329877

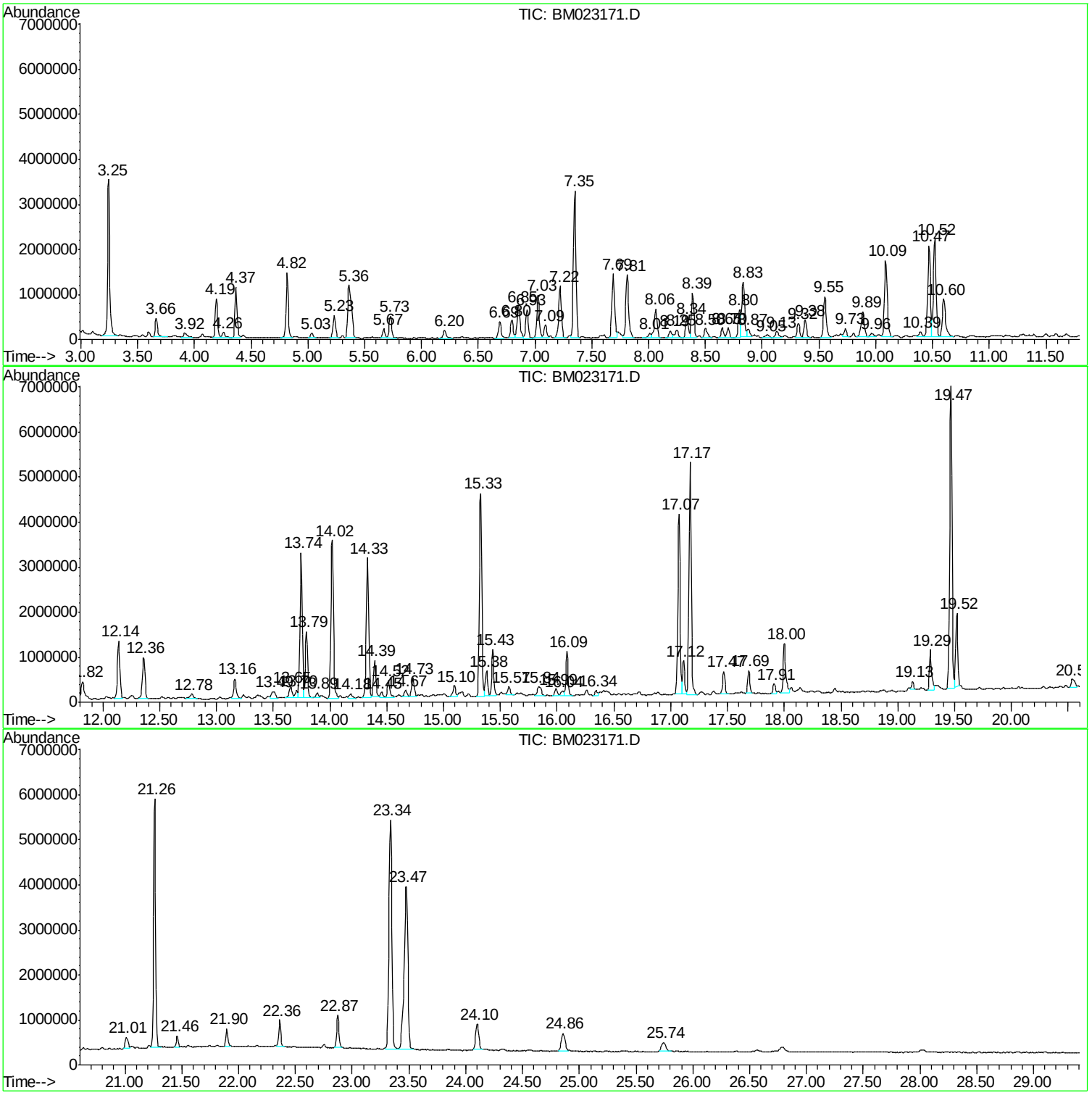
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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\BM101519\
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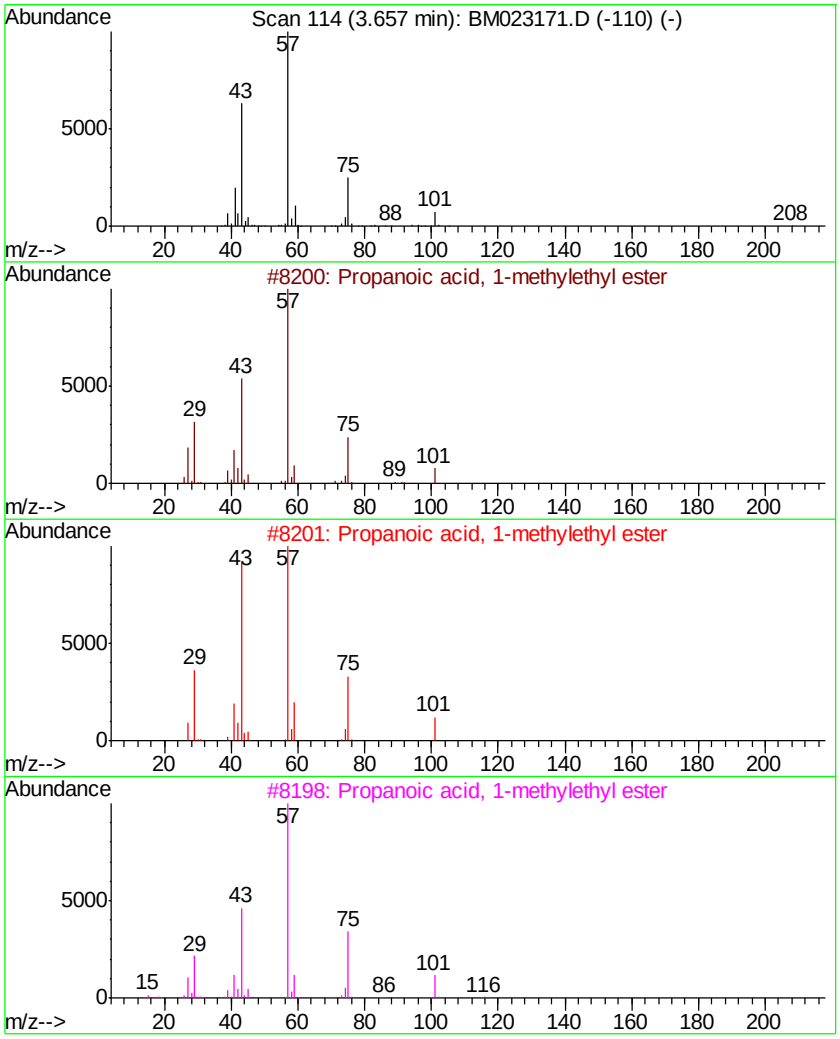
Quant Title : SVOA CALIBRATION

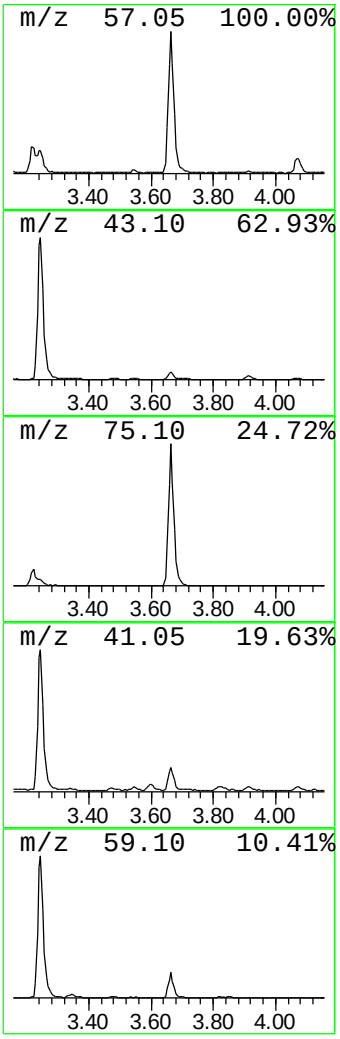
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.66	4.93 ng/ul	587075	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	78
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	47
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	12





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

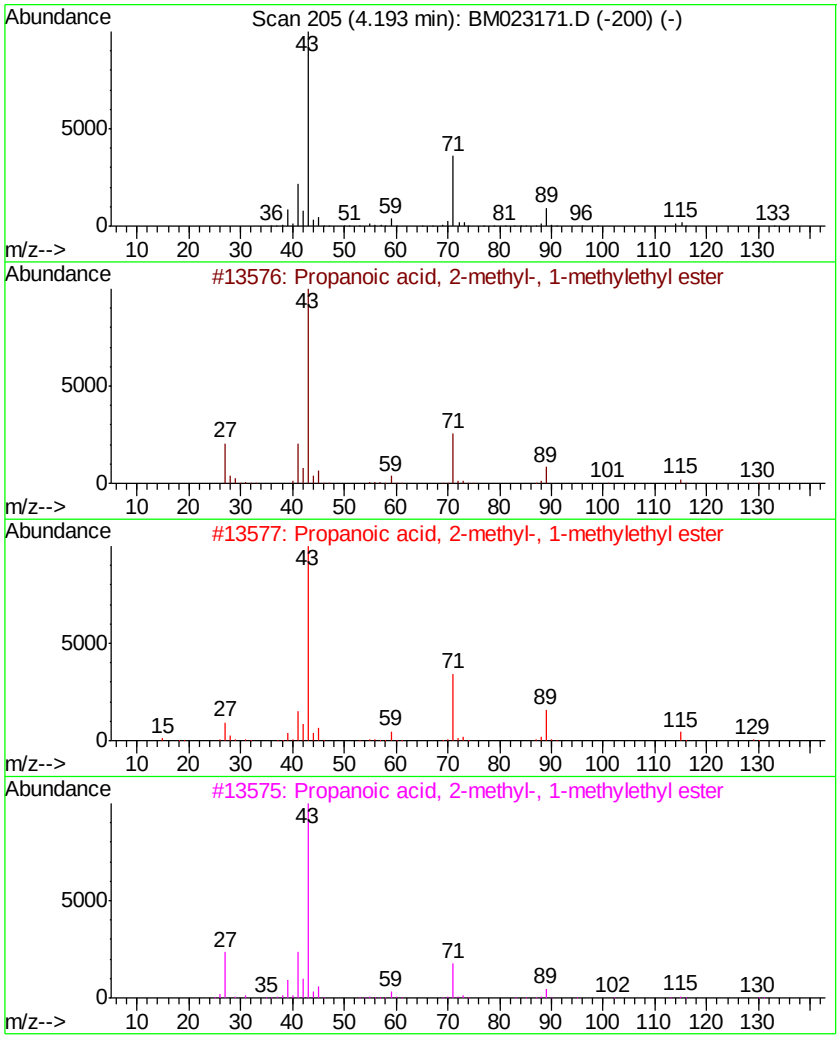
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

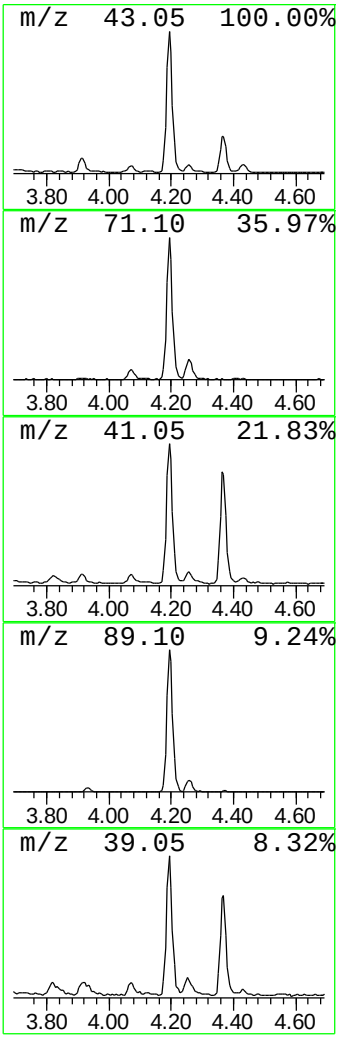
****

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	9.86 ng/ul	1175110	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	83
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39
5	Sulfurous acid, pentyl 2-propyl ...	194	C8H18O3S	1000309-11-5	36





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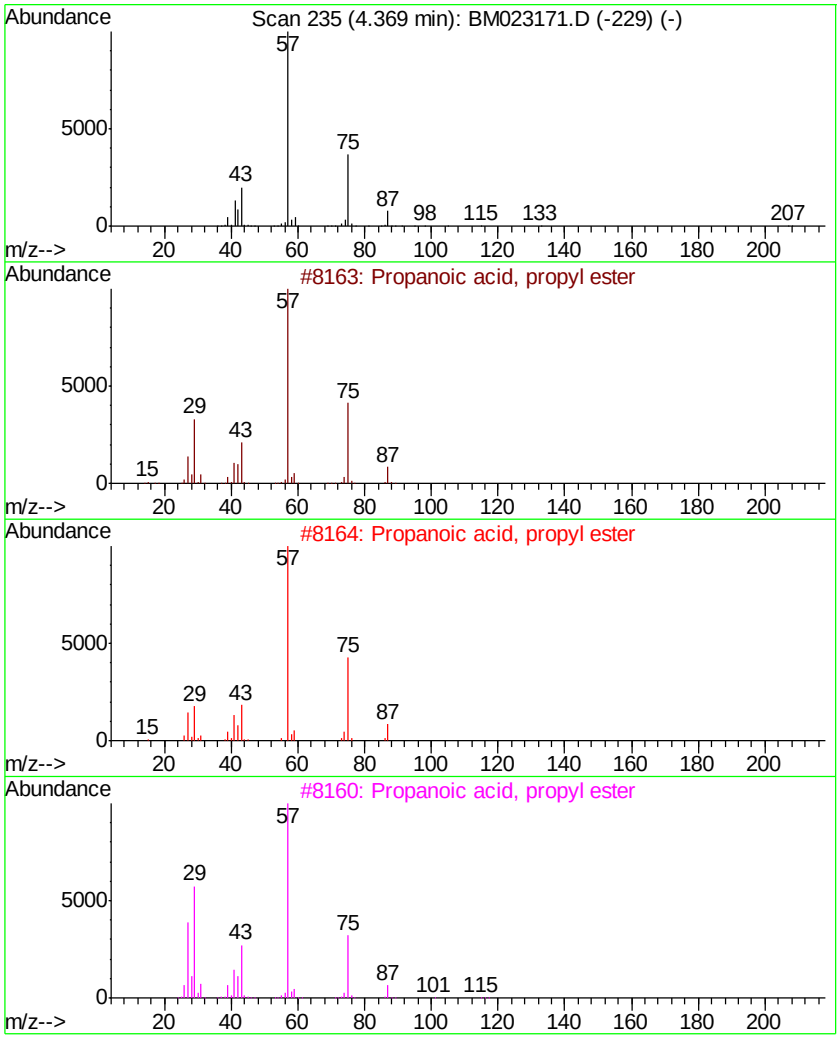
Quant Title : SVOA CALIBRATION

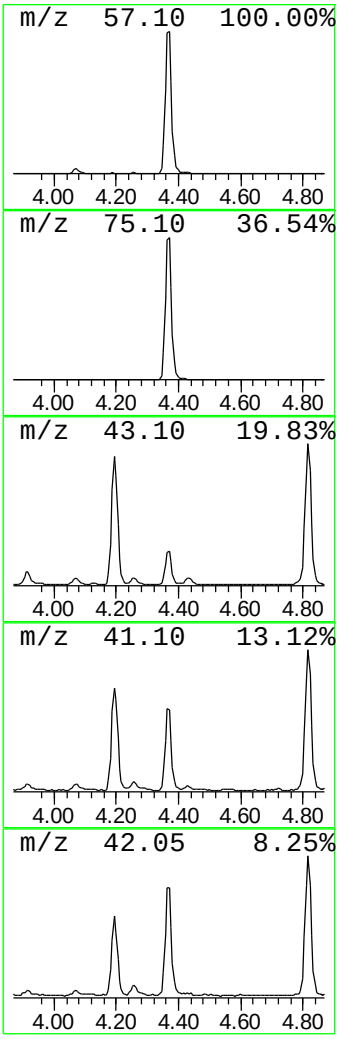
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Propanoic acid, propyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	13.38 ng/ul	1595030	1,4-Dichlorobenzene-d4	7.69

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	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	28





Library Search Compound Report

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

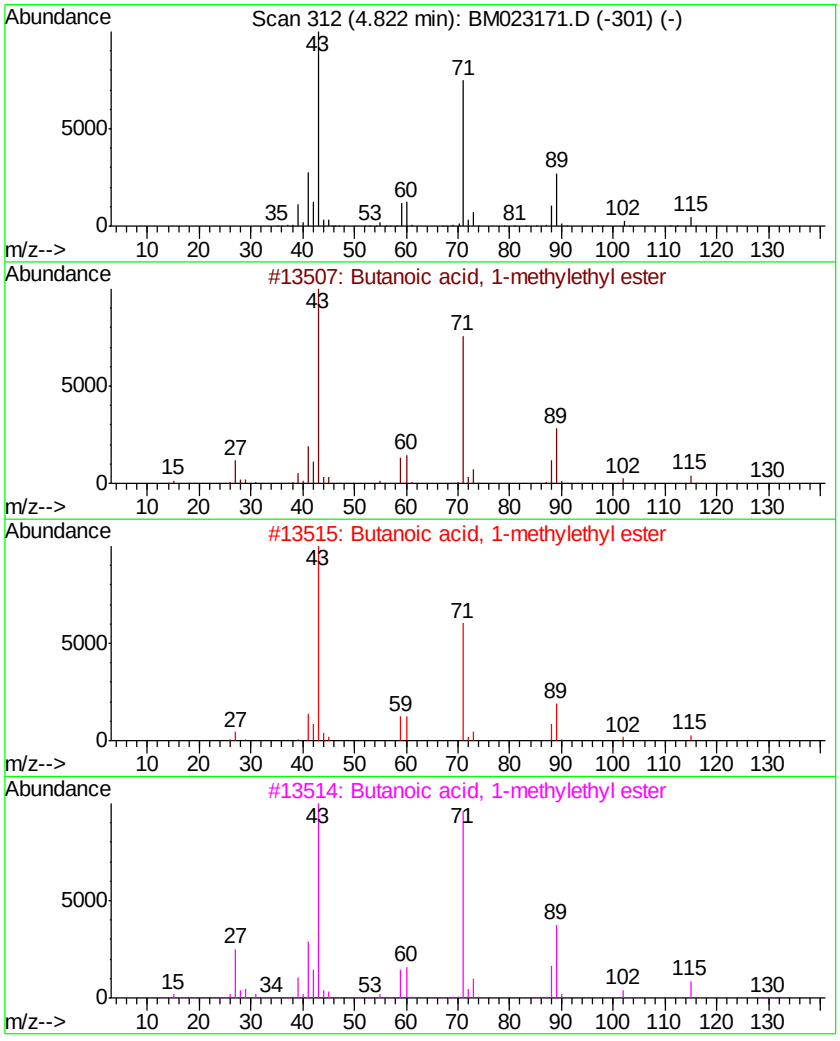
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

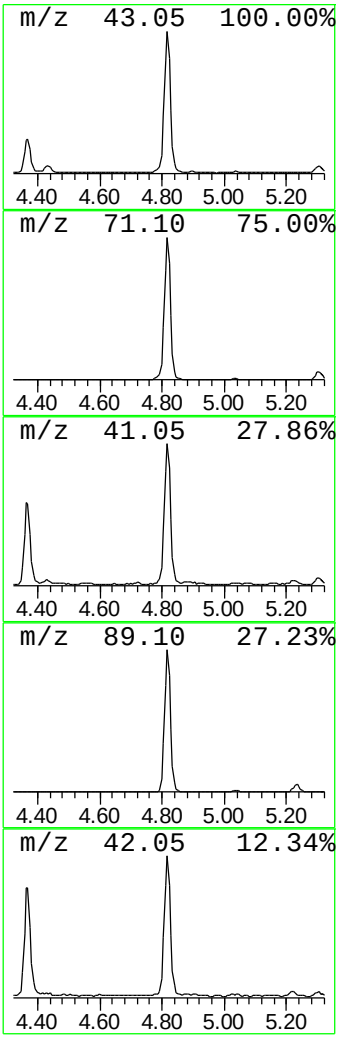
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	17.00 ng/ul	2026270	1,4-Dichlorobenzene-d4	7.69

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	83
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

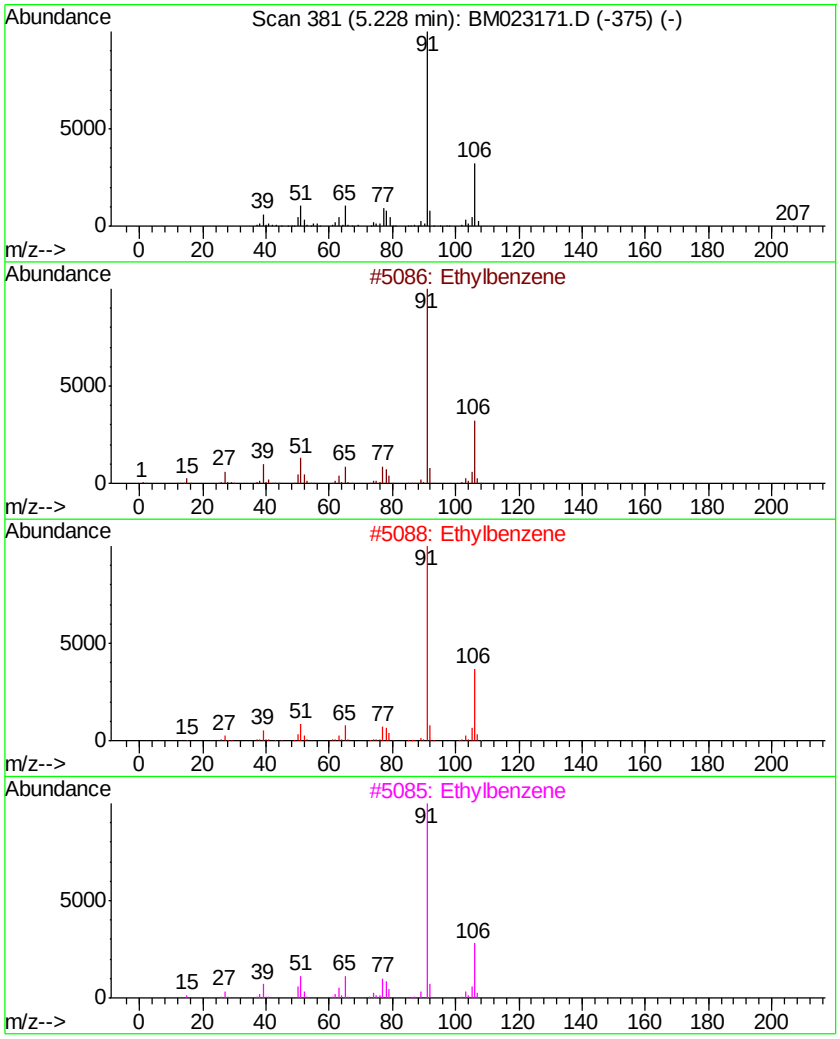
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

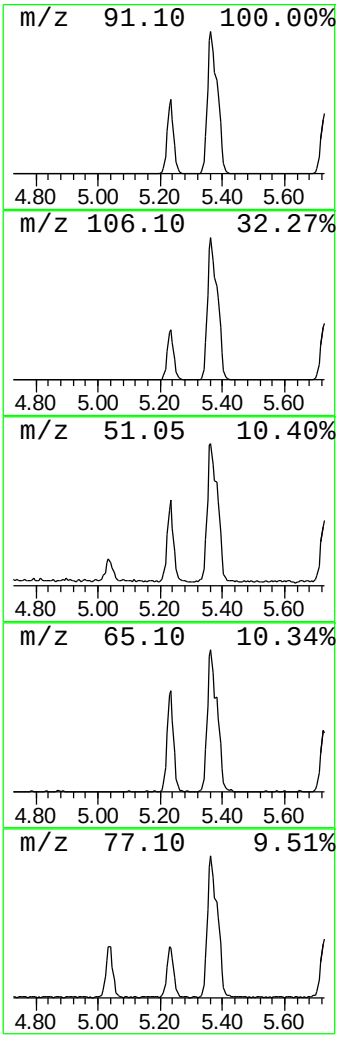
****

Peak Number 5 Ethylbenzene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	6.42 ng/ul	765221	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	94
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	86





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Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
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Instrument : BNA_M
ClientSampleId : BFDL9

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Quant Title : SVOA CALIBRATION

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

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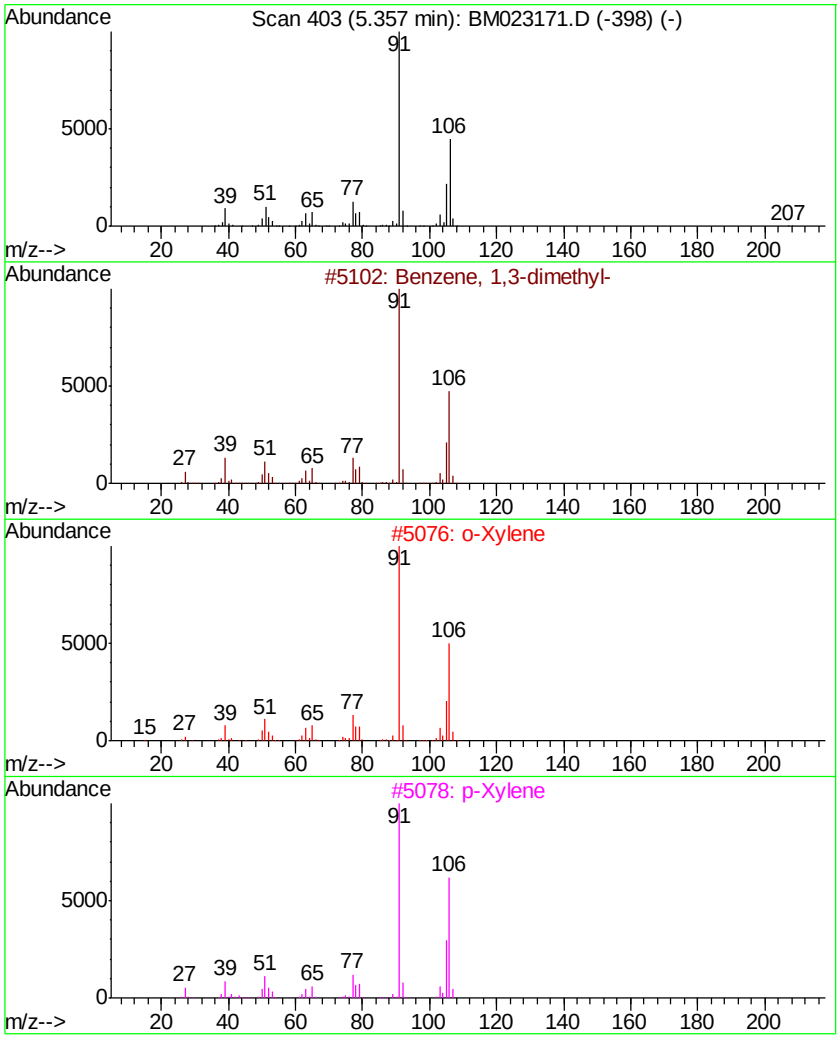
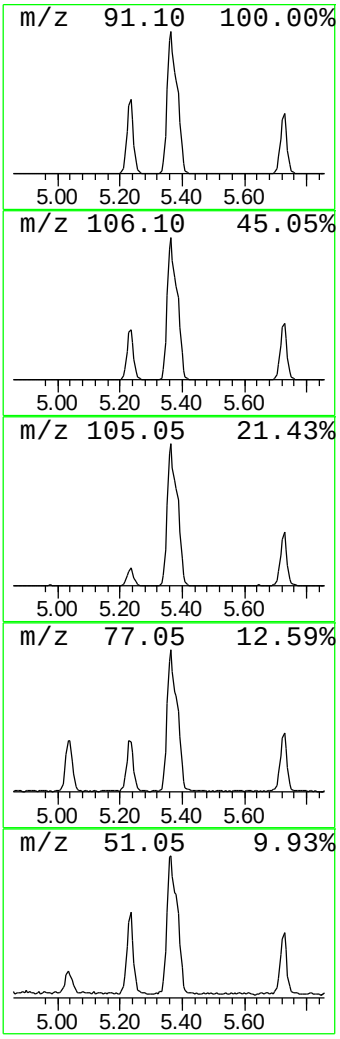
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	21.83 ng/ul	2602090	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	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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Quant Title : SVOA CALIBRATION

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

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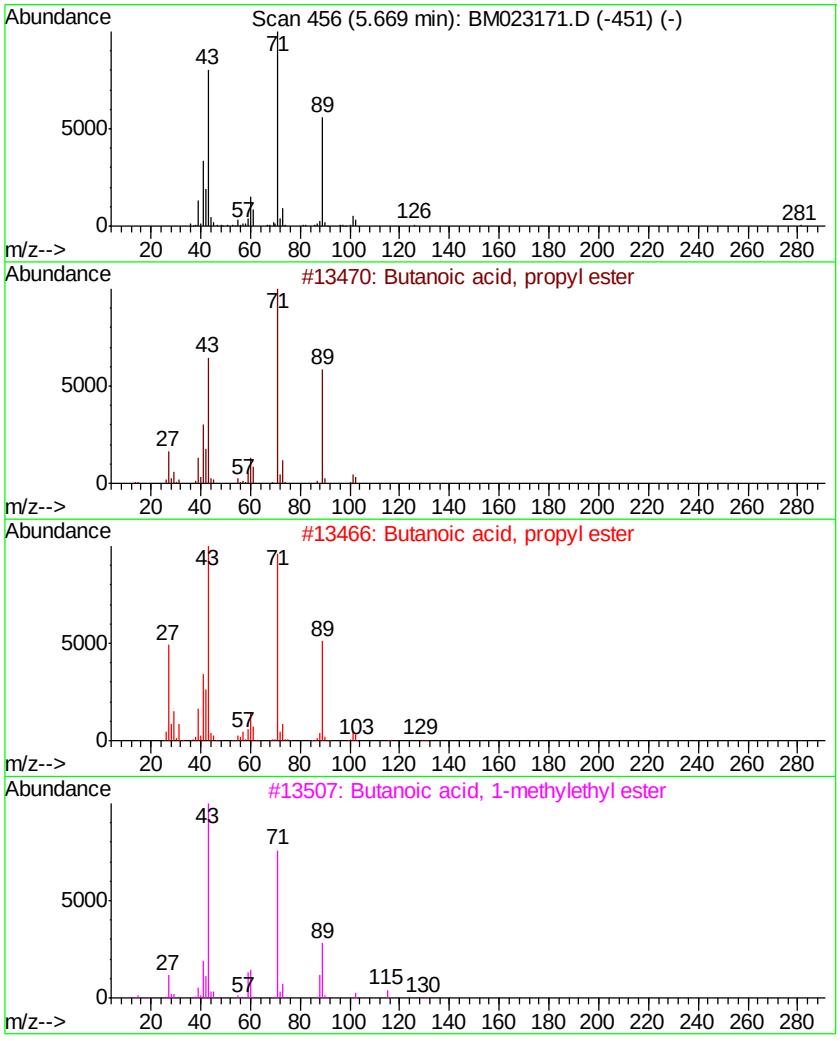
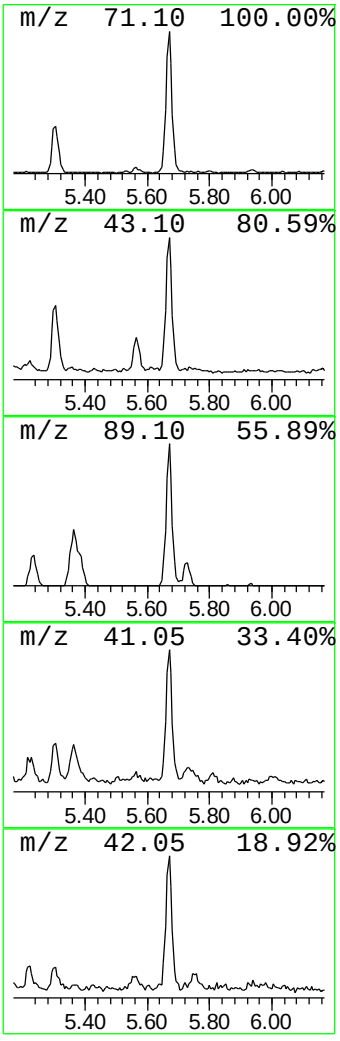
Peak Number 7 Butanoic acid, propyl ester Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	2.45 ng/ul	291838	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	86
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	80
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	64





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Quant Title : SVOA CALIBRATION

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

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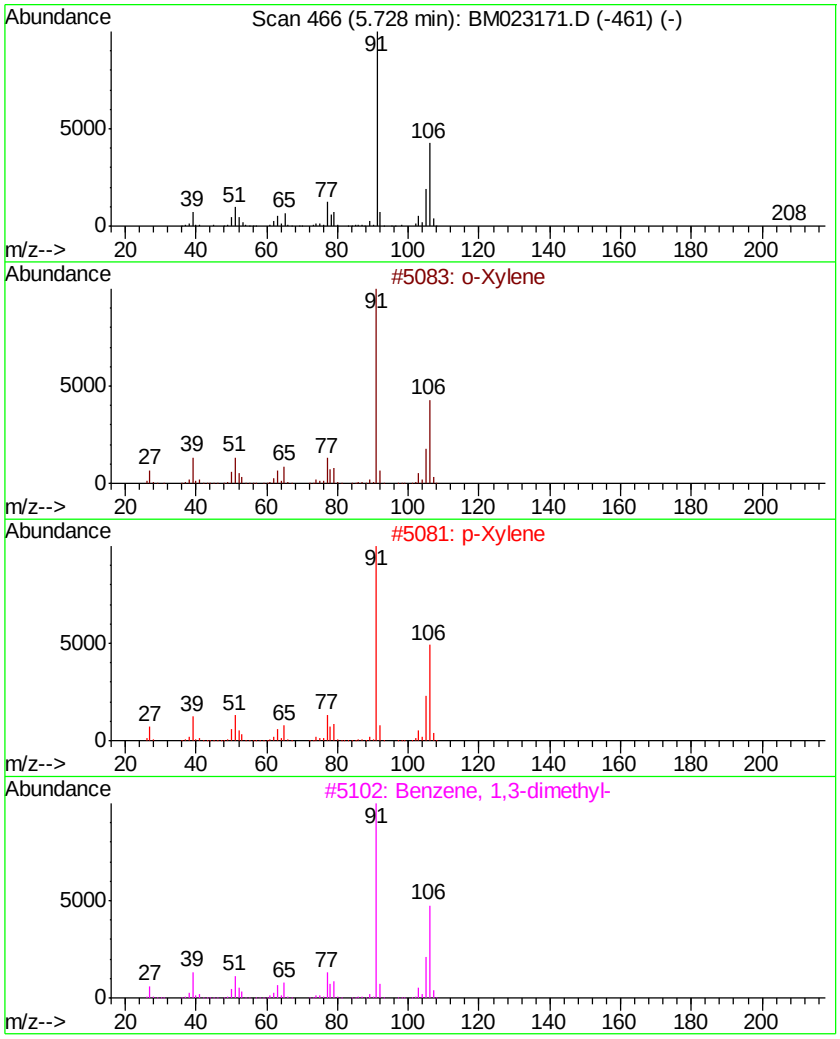
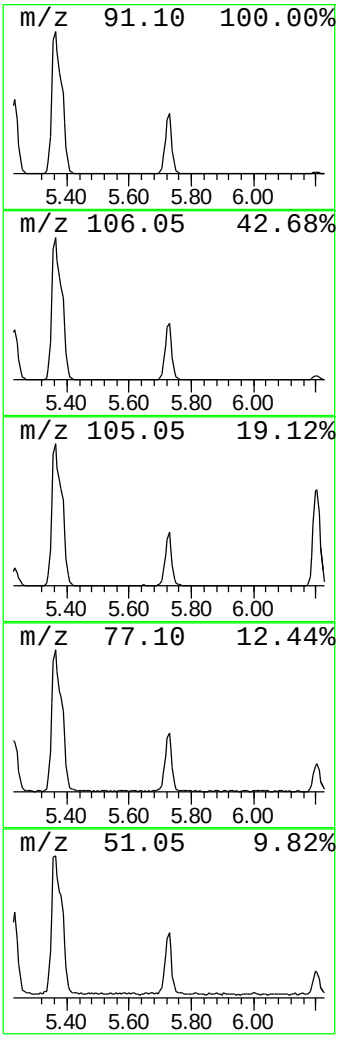
Peak Number 8 o-Xylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	6.28 ng/ul	748061	1,4-Dichlorobenzene-d4	7.69

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	o-Xylene	106	C8H10	000095-47-6	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97





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Instrument : BNA_M
ClientSampleId : BFDL9

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Quant Title : SVOA CALIBRATION

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

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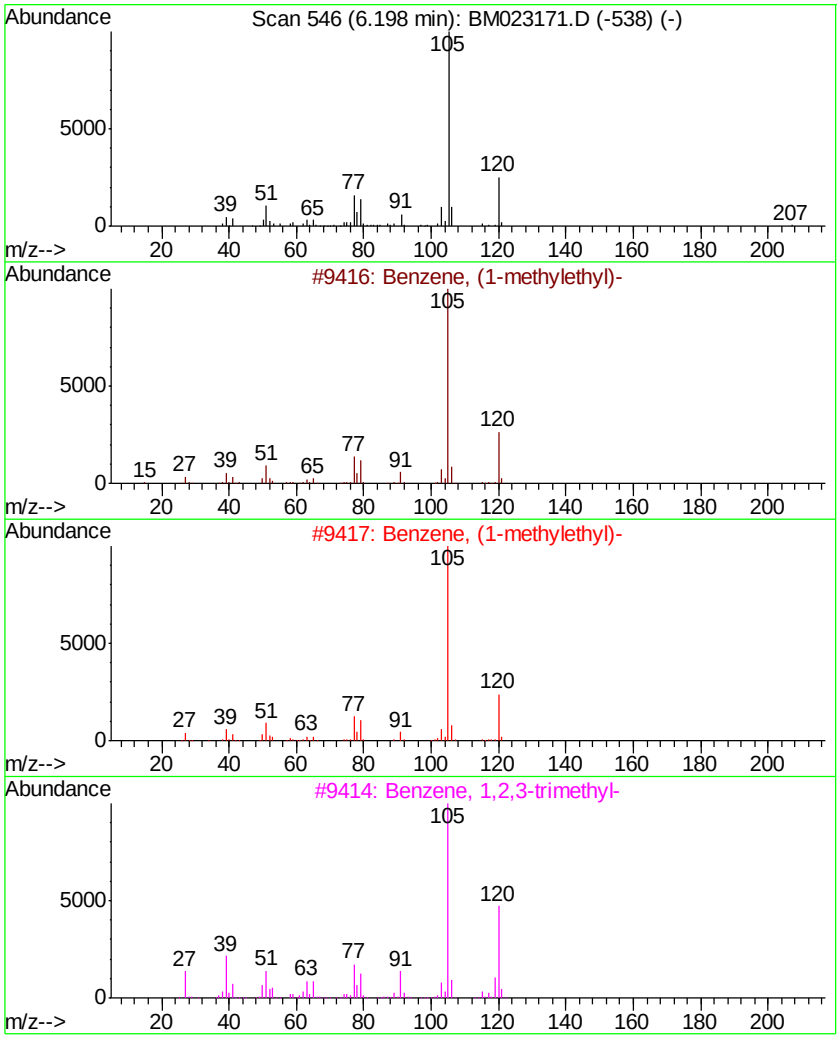
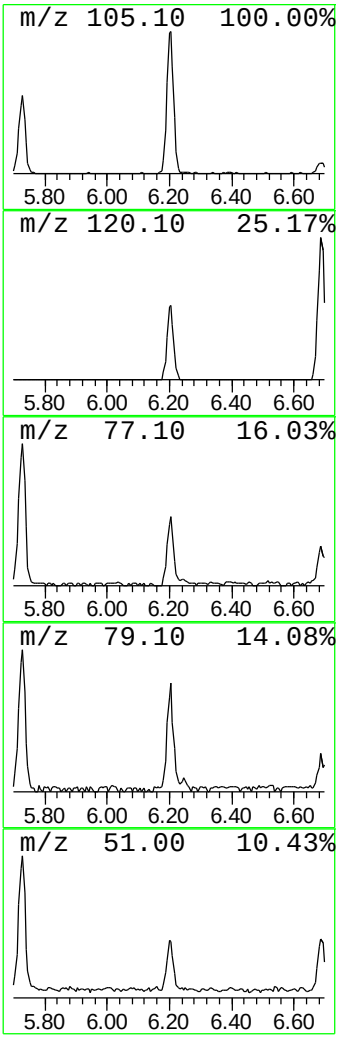
Peak Number 9 Benzene, (1-methylethyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	2.55 ng/ul	304041	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	74





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Quant Title : SVOA CALIBRATION

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

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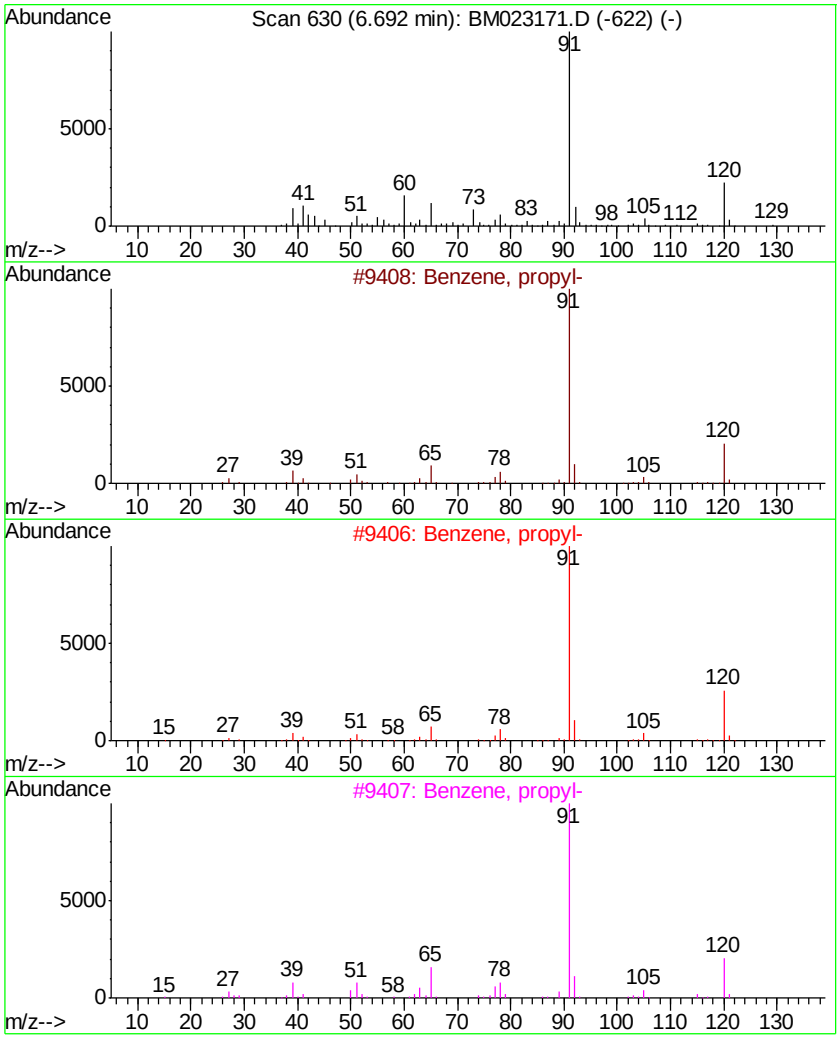
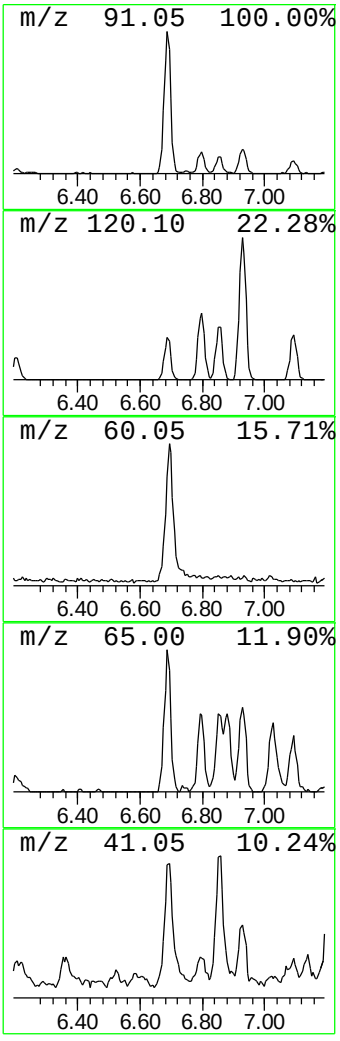
Peak Number 10 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	5.31 ng/ul	632432	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	68
3	Benzene, propyl-	120	C9H12	000103-65-1	64
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	43





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Quant Title : SVOA CALIBRATION

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

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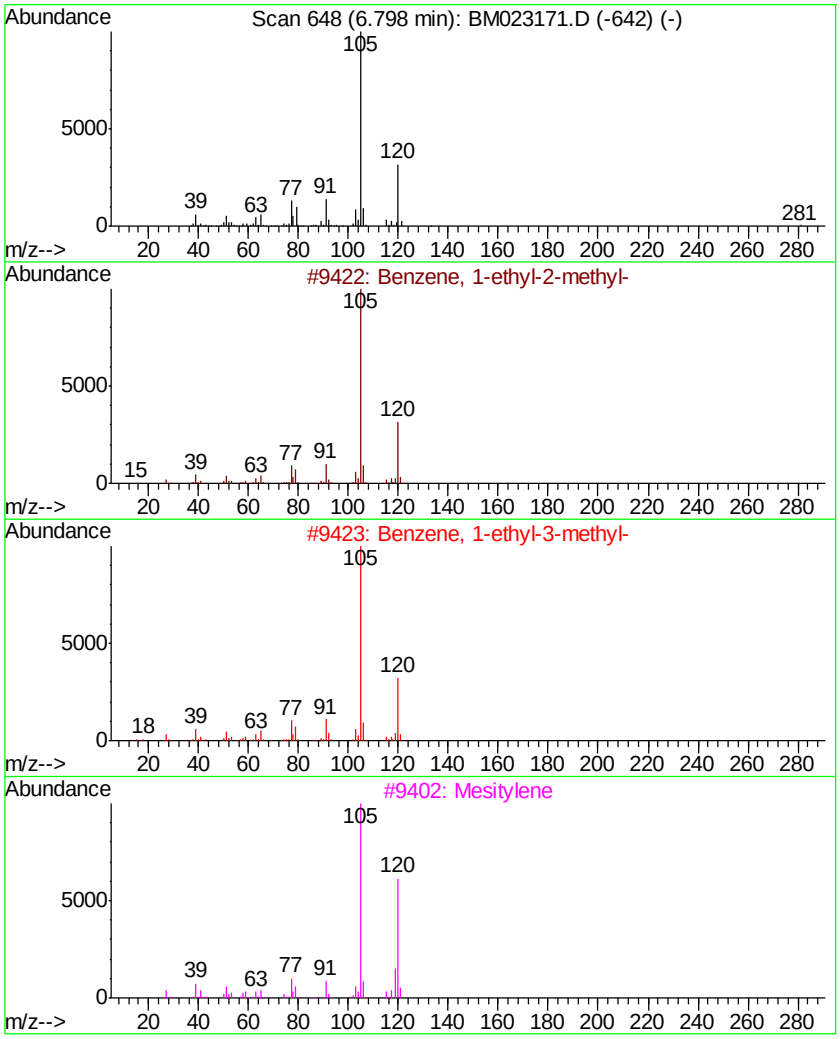
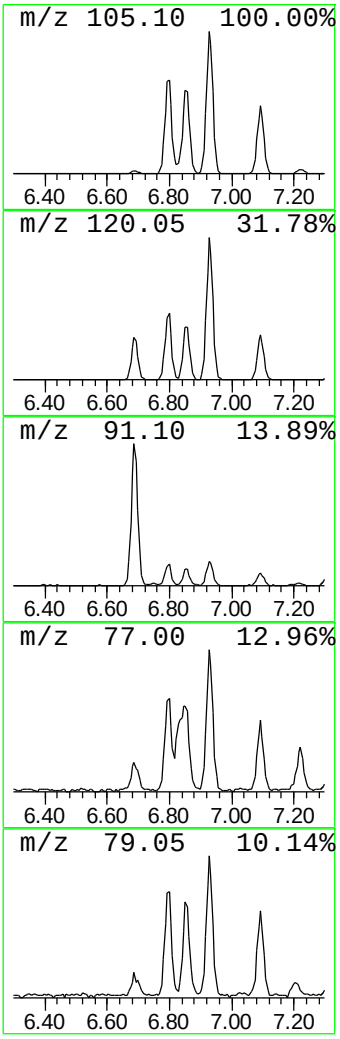
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	5.23 ng/ul	623148	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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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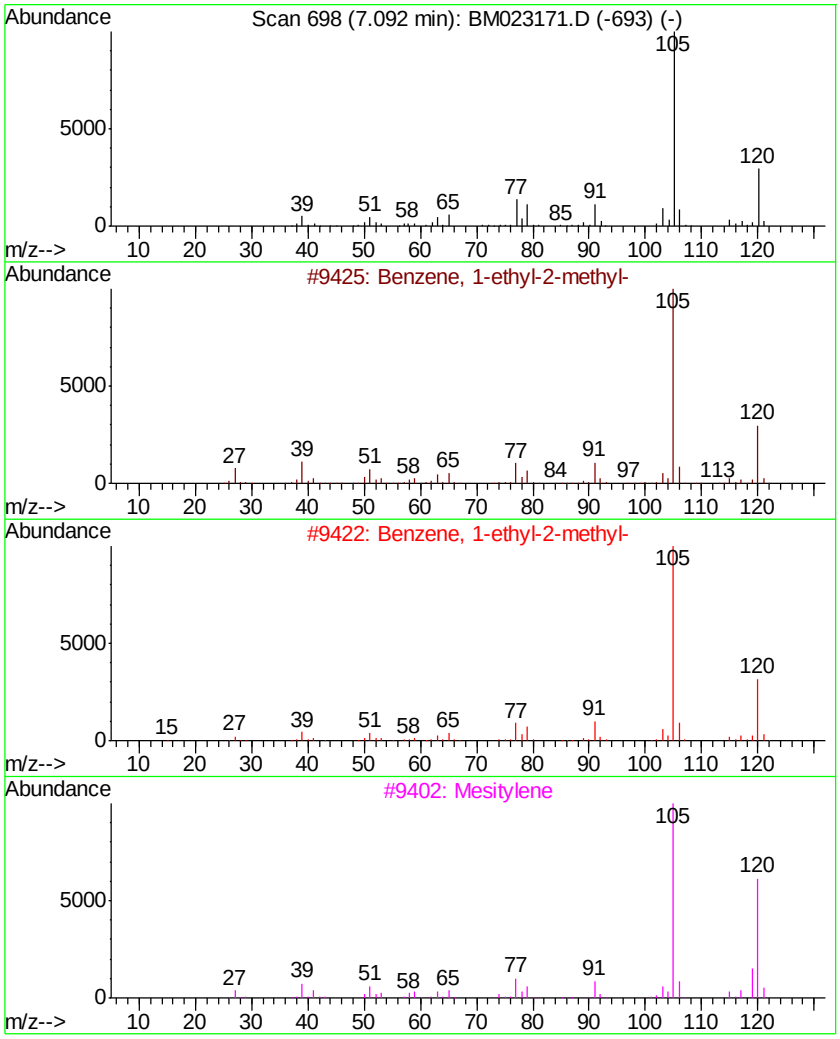
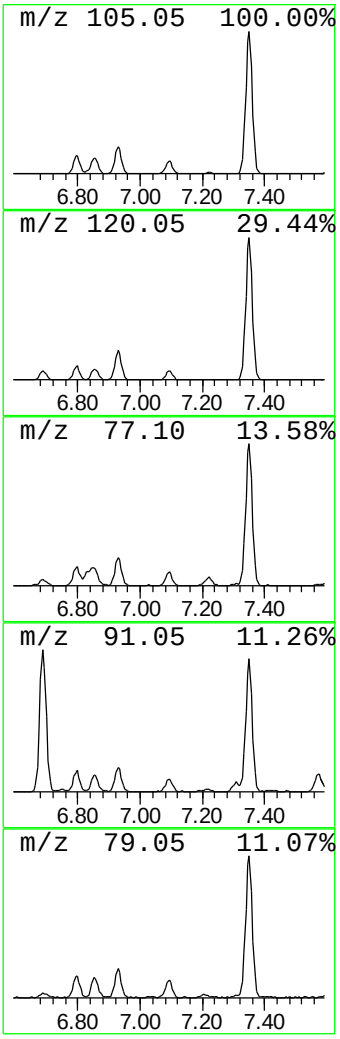
Peak Number 12 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	3.84 ng/ul	457326	1,4-Dichlorobenzene-d4	7.69

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91





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Quant Title : SVOA CALIBRATION

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

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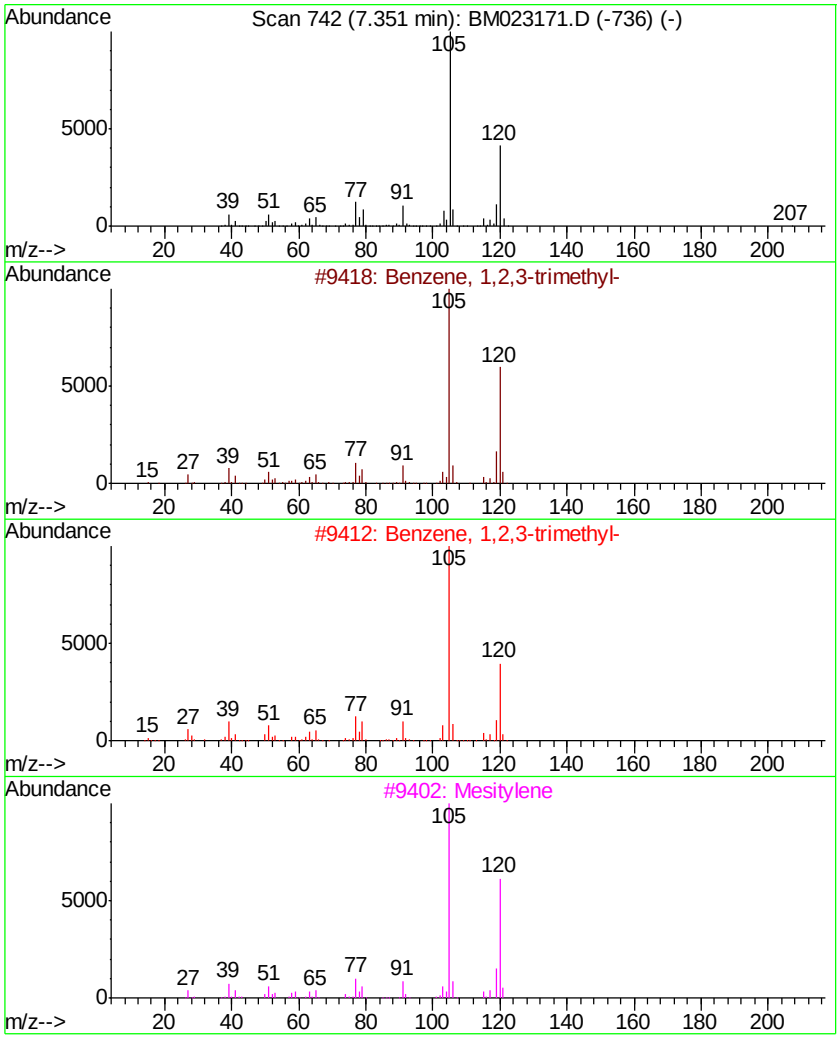
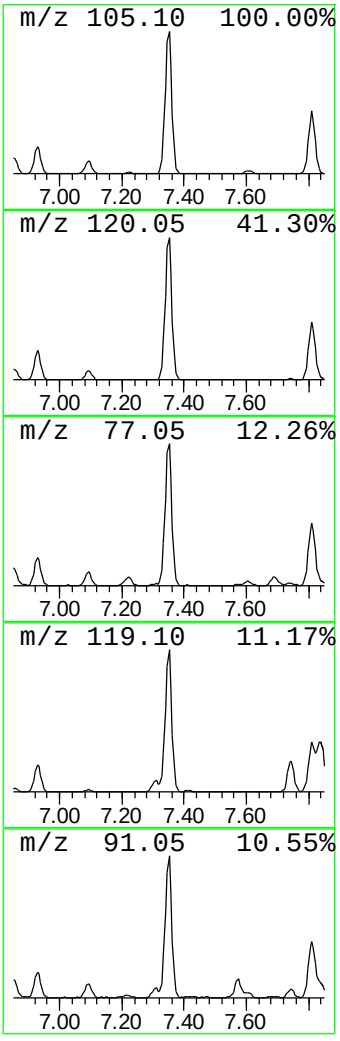
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	41.78 ng/ul	4980440	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

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

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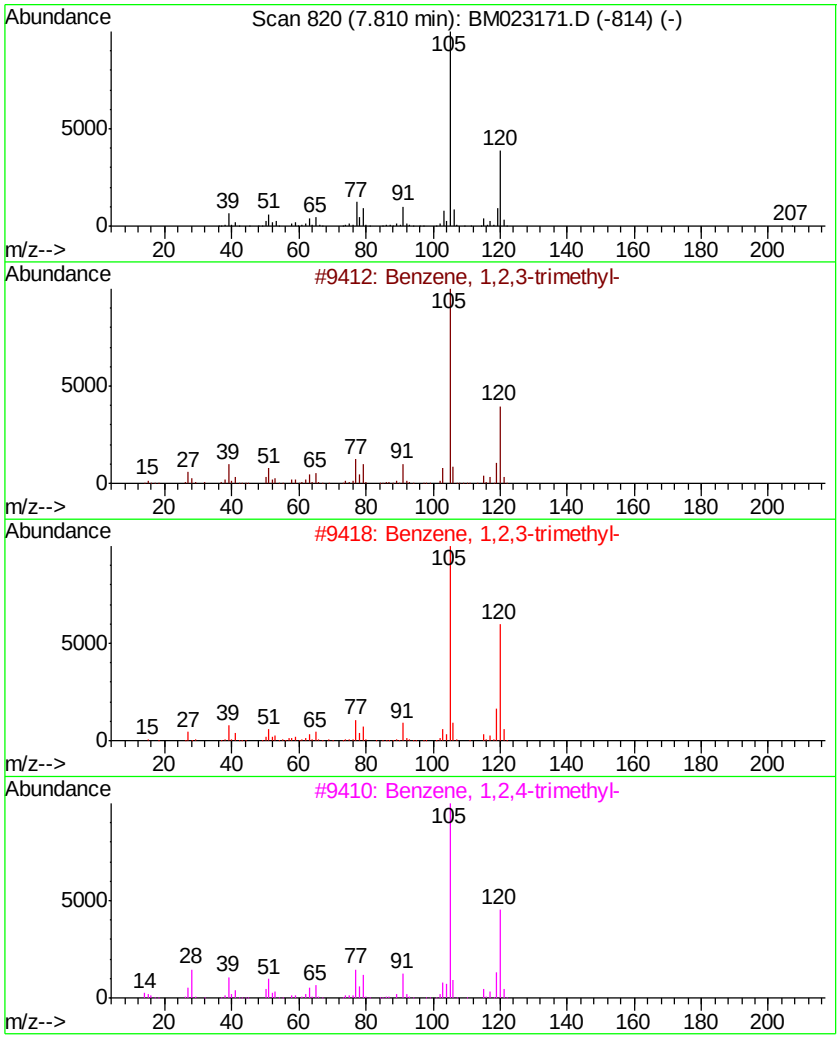
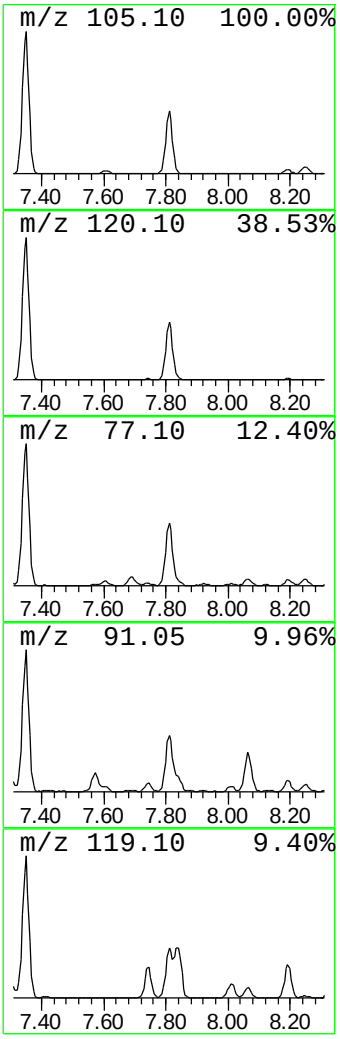
Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	19.84 ng/ul	2364290	1,4-Dichlorobenzene-d4	7.69

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	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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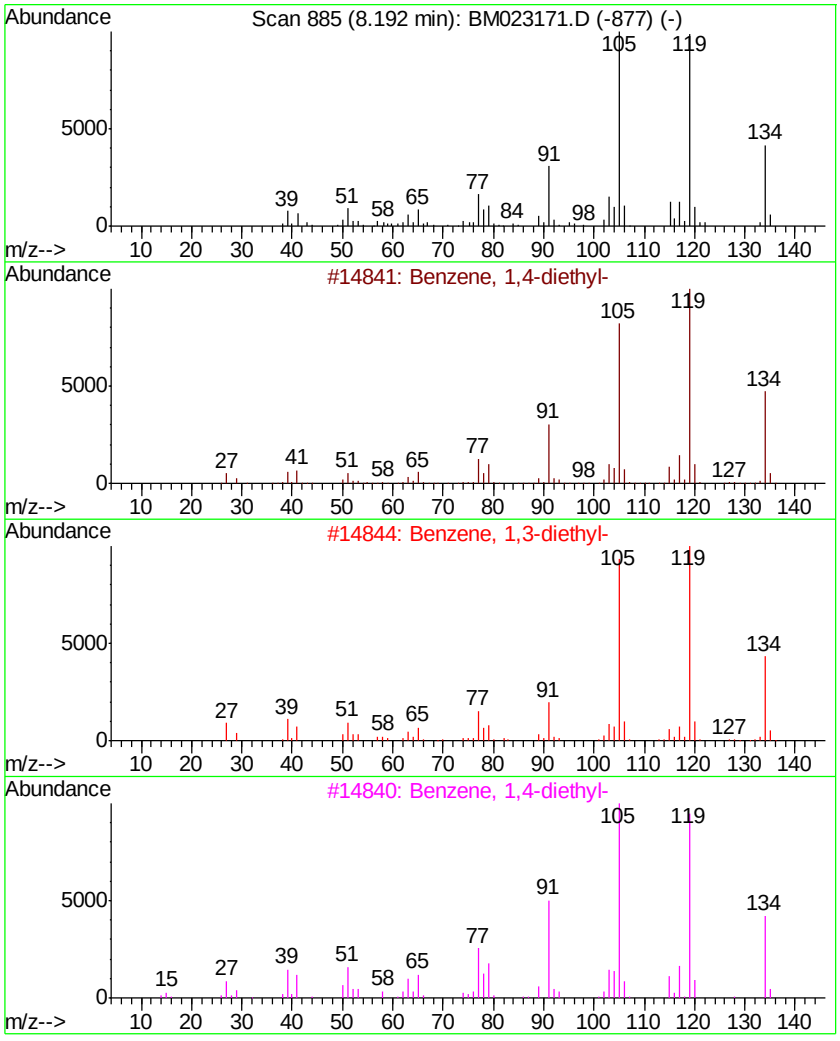
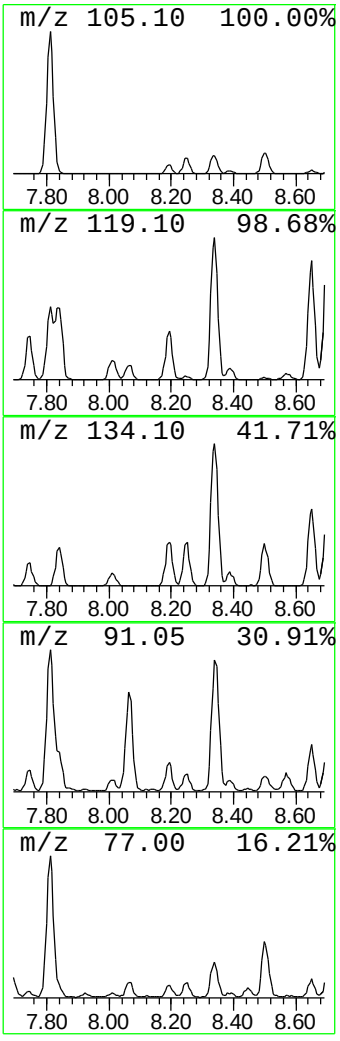
Peak Number 16 Benzene, 1,4-diethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.20 ng/ul	261947	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94





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Quant Title : SVOA CALIBRATION

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

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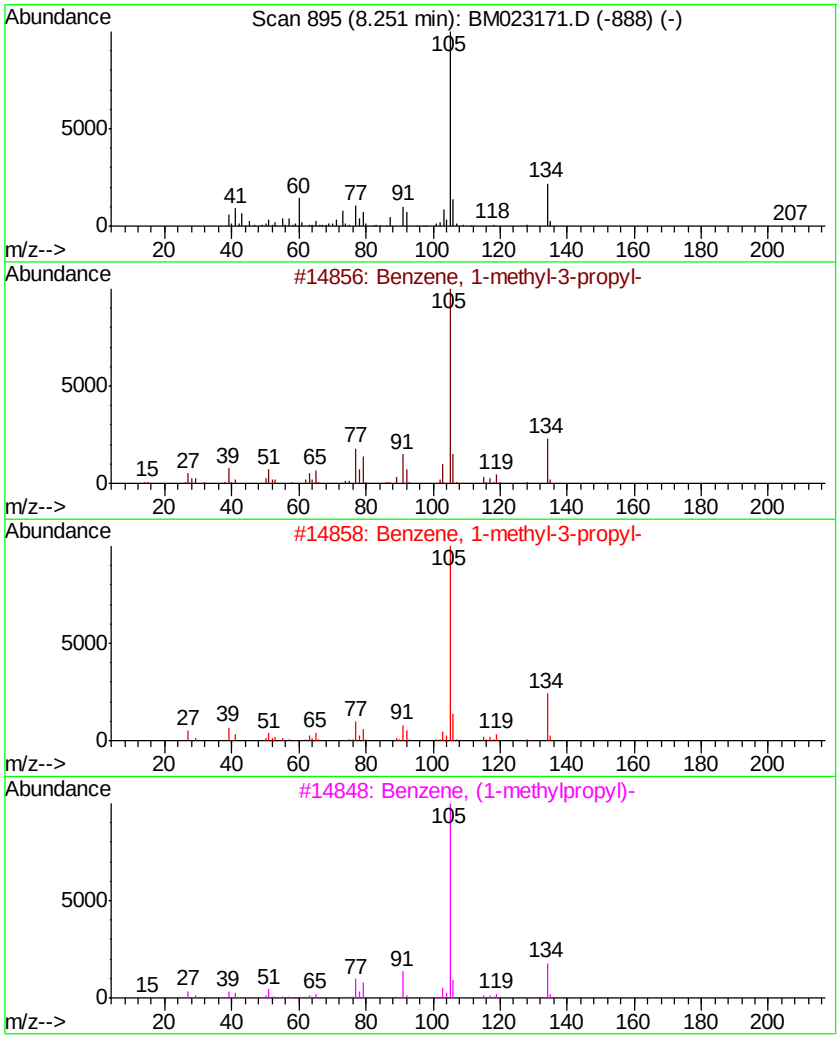
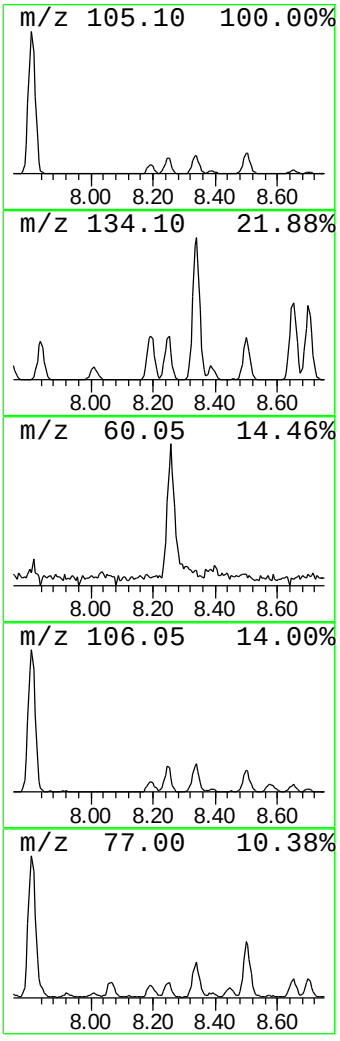
Peak Number 17 Benzene, 1-methyl-3-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	2.97 ng/ul	353927	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	72
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	68
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	68





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Quant Title : SVOA CALIBRATION

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

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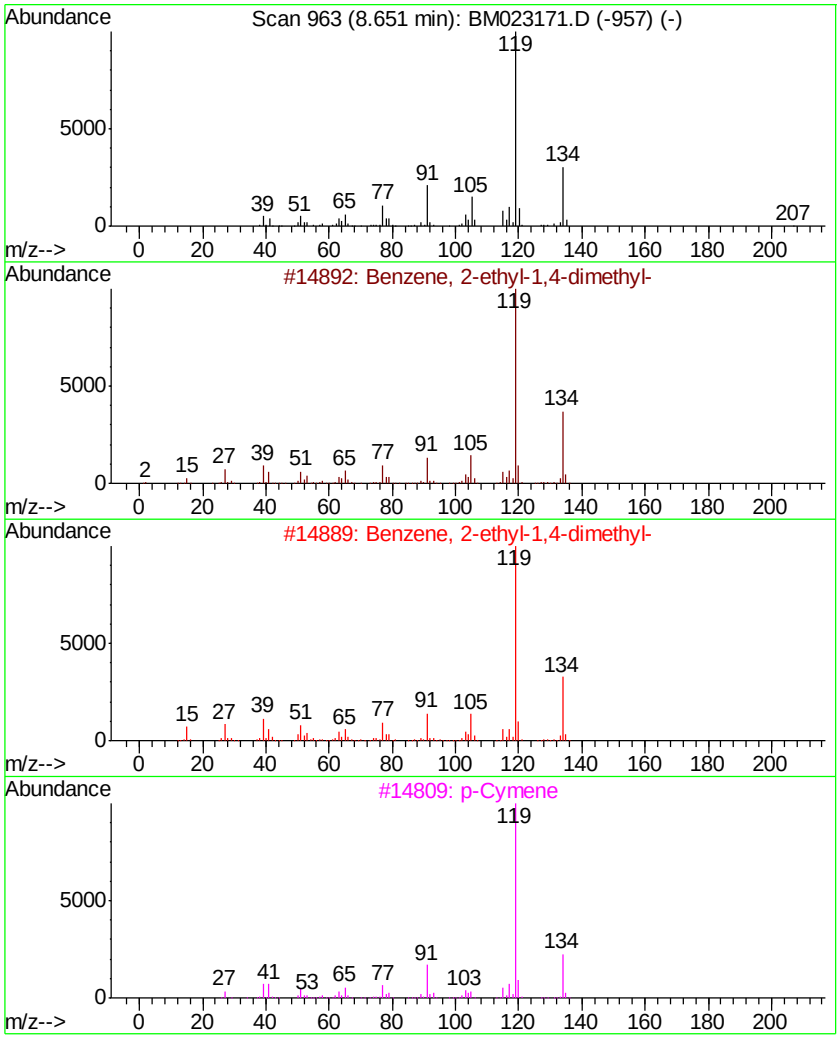
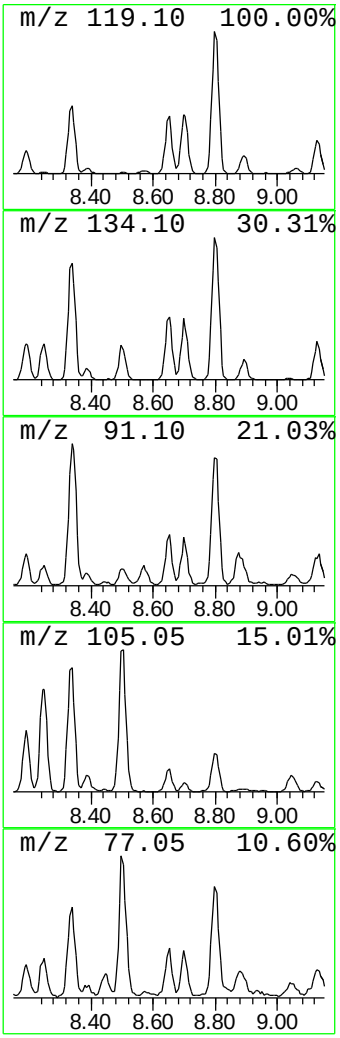
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	3.08 ng/ul	366698	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

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Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

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Quant Title : SVOA CALIBRATION

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

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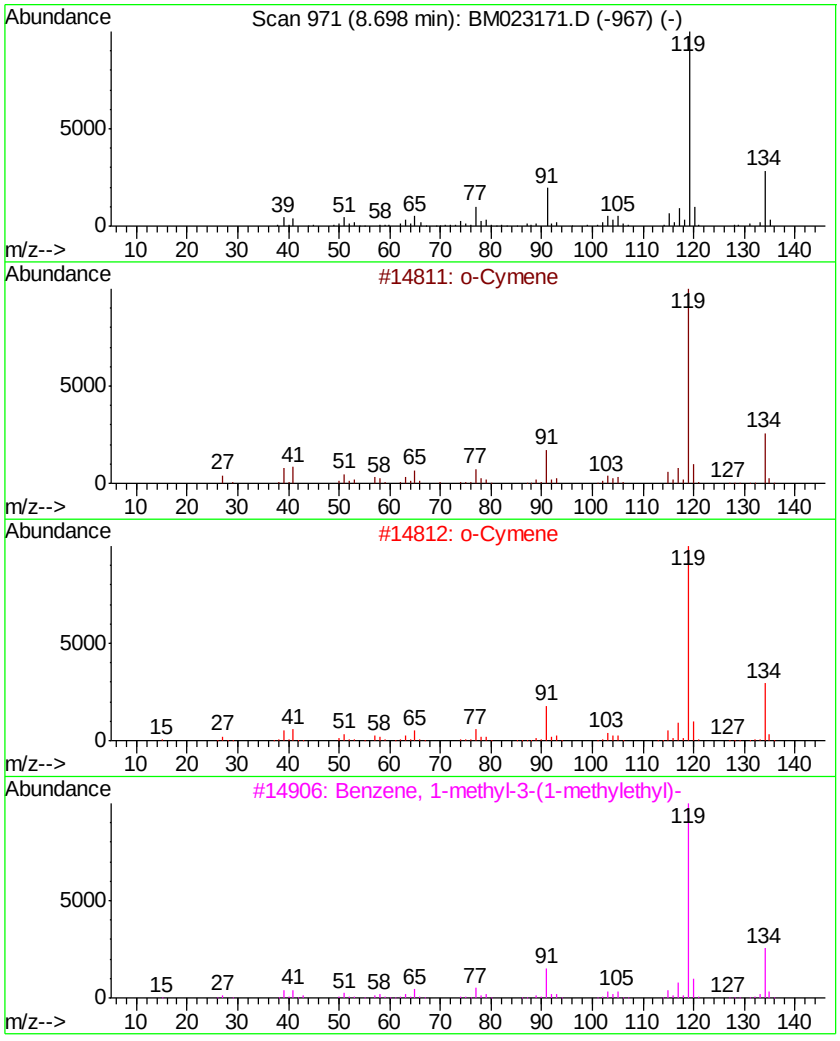
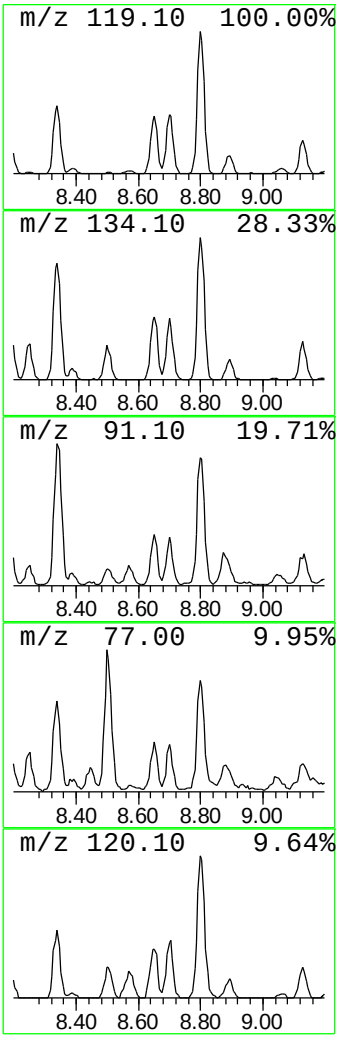
Peak Number 19 o-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.01 ng/ul	358623	1,4-Dichlorobenzene-d4	7.69

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





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ClientSampleId : BFDL9

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Quant Title : SVOA CALIBRATION

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

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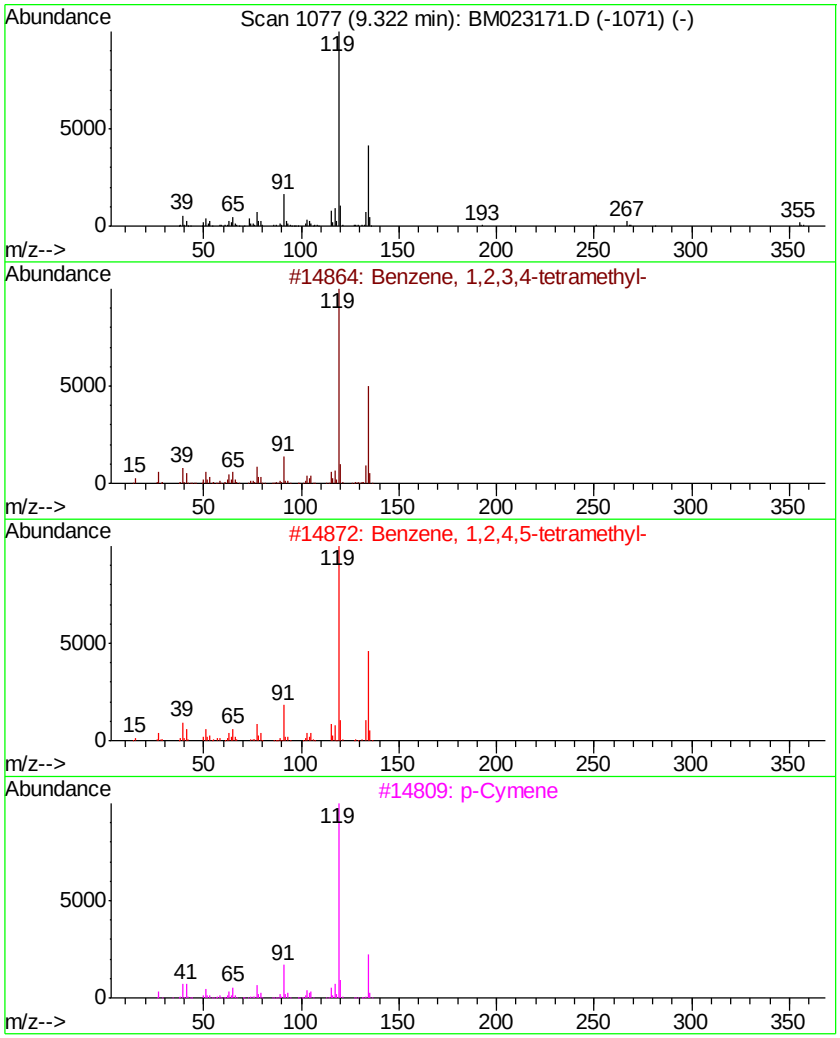
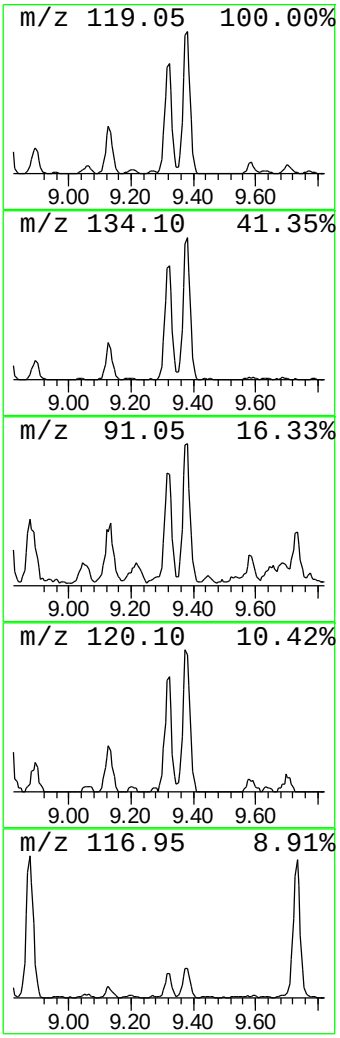
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.76 ng/ul	478519	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93





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Instrument : BNA_M
ClientSampleId : BFDL9

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Quant Title : SVOA CALIBRATION

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

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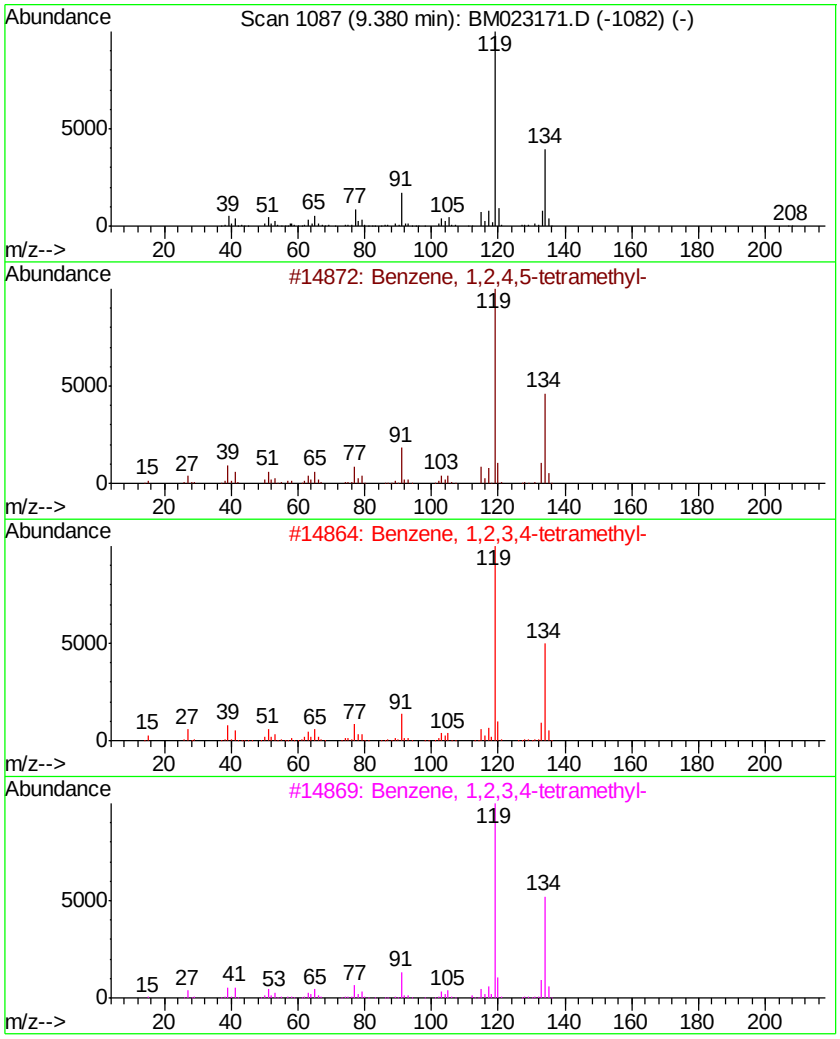
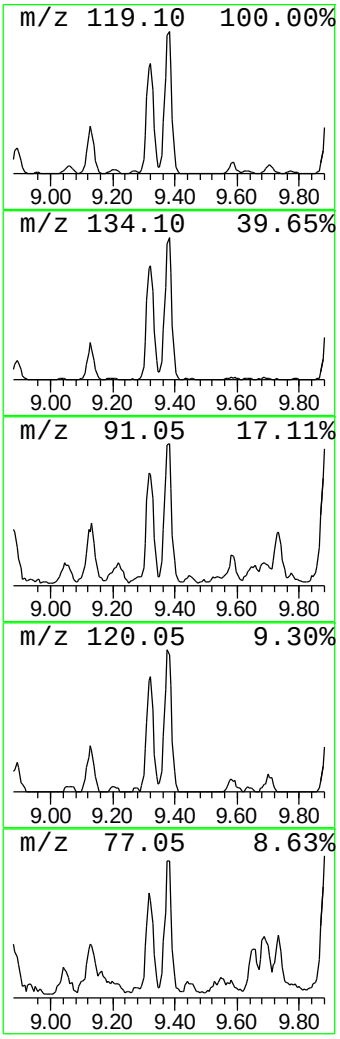
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	3.66 ng/ul	634770	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

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Quant Title : SVOA CALIBRATION

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

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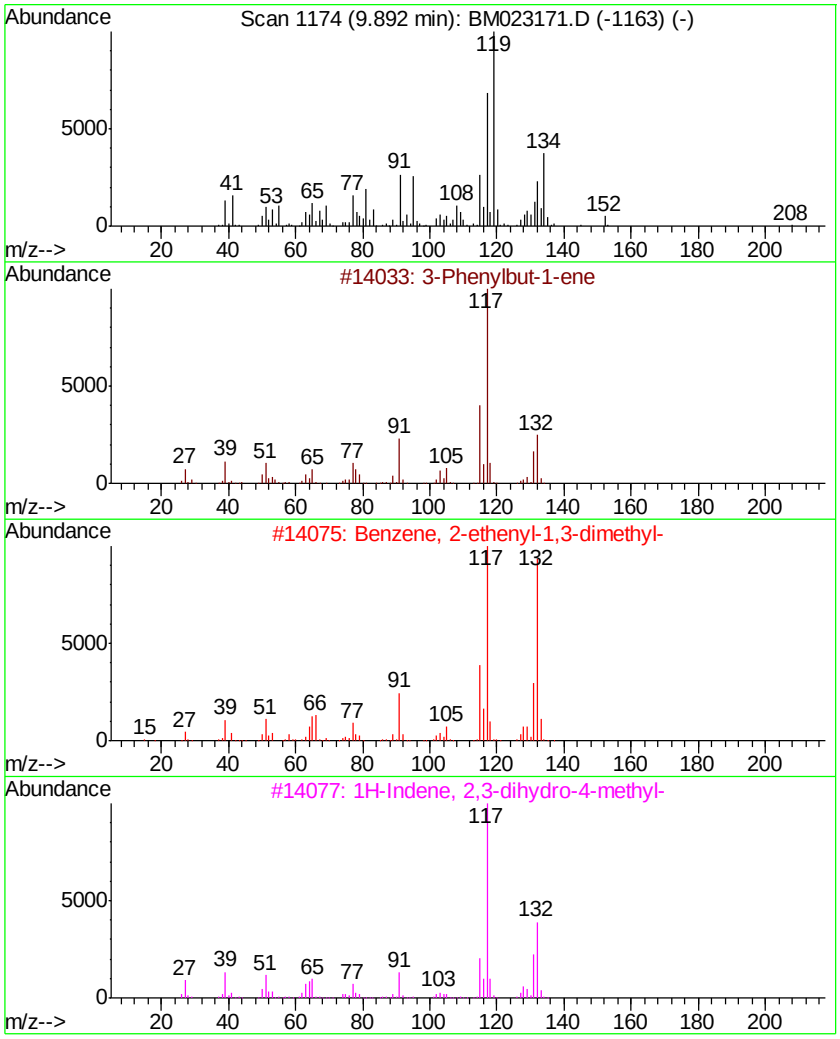
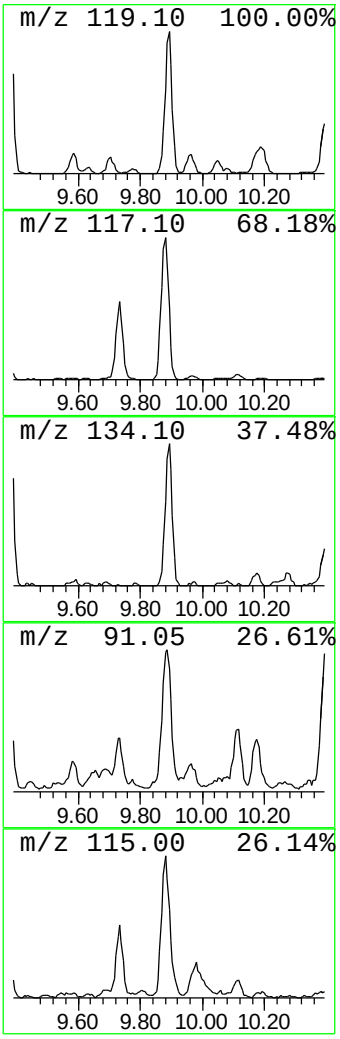
Peak Number 22 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	6.81 ng/ul	1181330	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	49





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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 23 Phenol, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.34 ng/ul	927009	Naphthalene-d8	10.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	90
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	87
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
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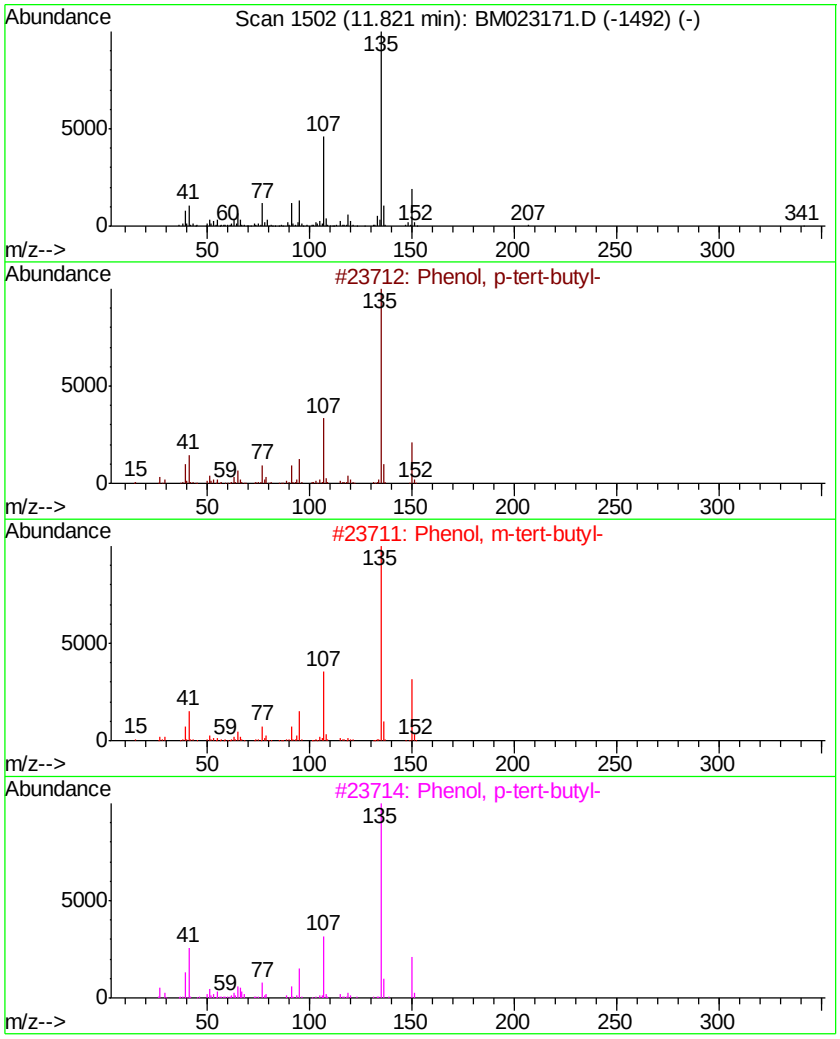

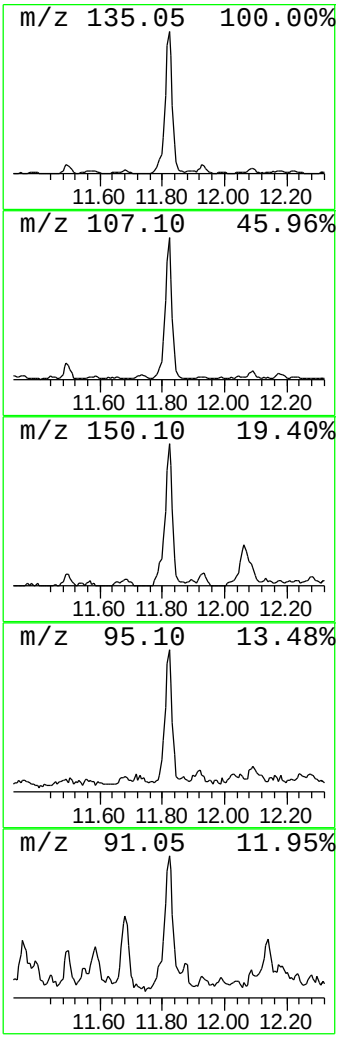

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Quant Title : SVOA CALIBRATION

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

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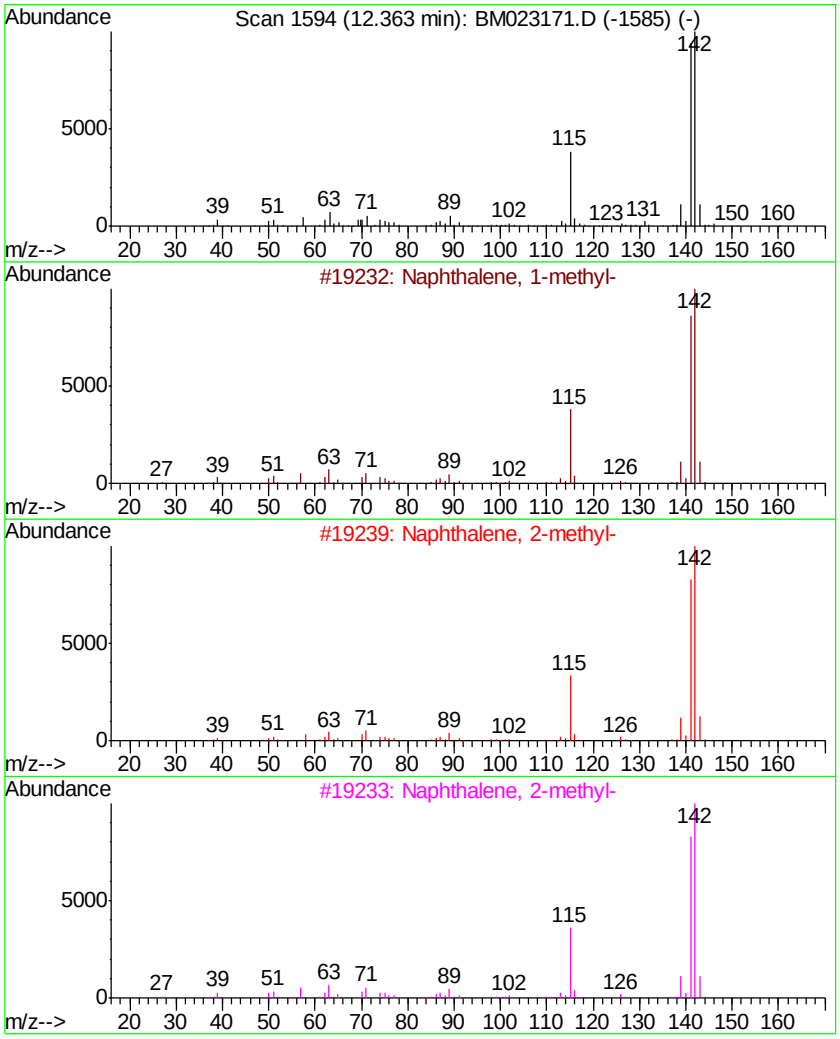
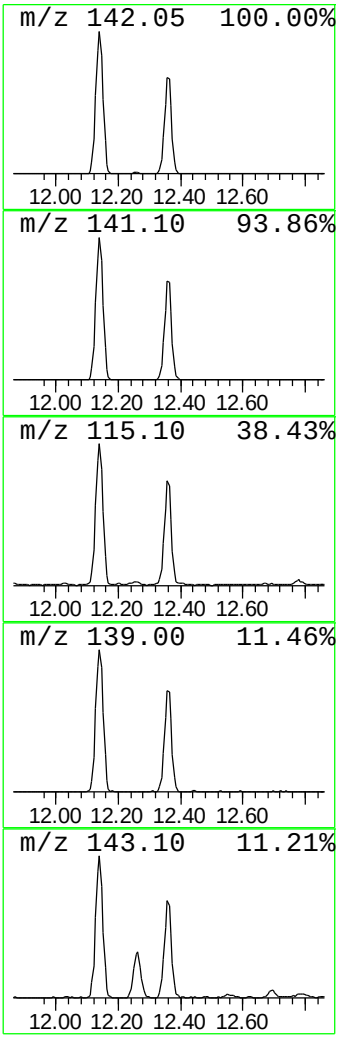
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	8.59 ng/ul	1489920	Naphthalene-d8	10.47

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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Quant Title : SVOA CALIBRATION

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

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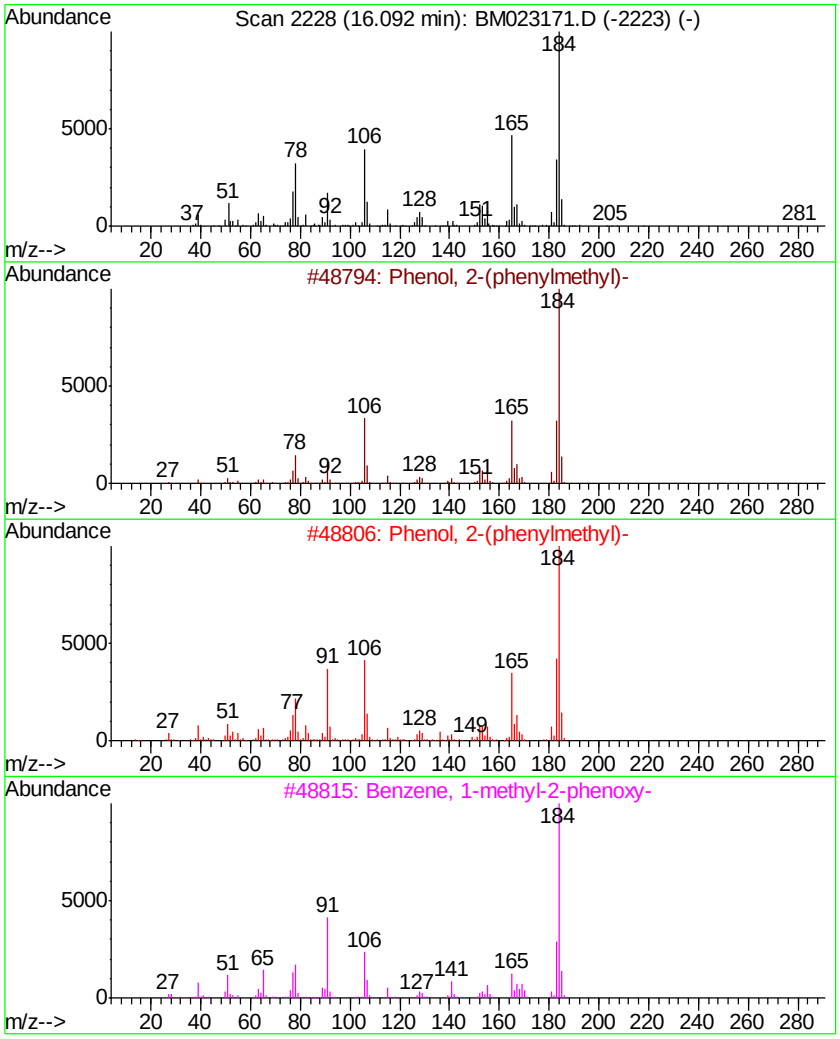
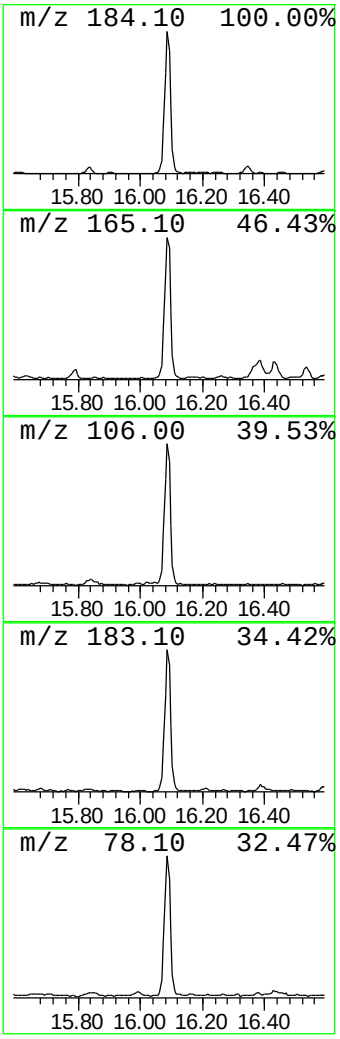
Peak Number 25 Phenol, 2-(phenylmethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	4.65 ng/ul	1345070	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(phenylmethyl)-	184	C13H12O	028994-41-4	97
2	Phenol, 2-(phenylmethyl)-	184	C13H12O	028994-41-4	93
3	Benzene, 1-methyl-2-phenoxy-	184	C13H12O	003991-61-5	81
4	[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	70
5	[1,1'-Biphenyl]-4-methanol	184	C13H12O	003597-91-9	64





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ALS Vial : 16 Sample Multiplier: 1

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 26 1,4-Naphthalenedione, 2-(1-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.23 ng/ul	645899	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Naphthalenedione, 2-(1-buten...	228	C14H12O3	029366-43-6	93
2	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	72
3	2-Hydroxy-4-phenyl-6-acetonylpyr...	228	C13H12N2O2	050324-22-6	53
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	53
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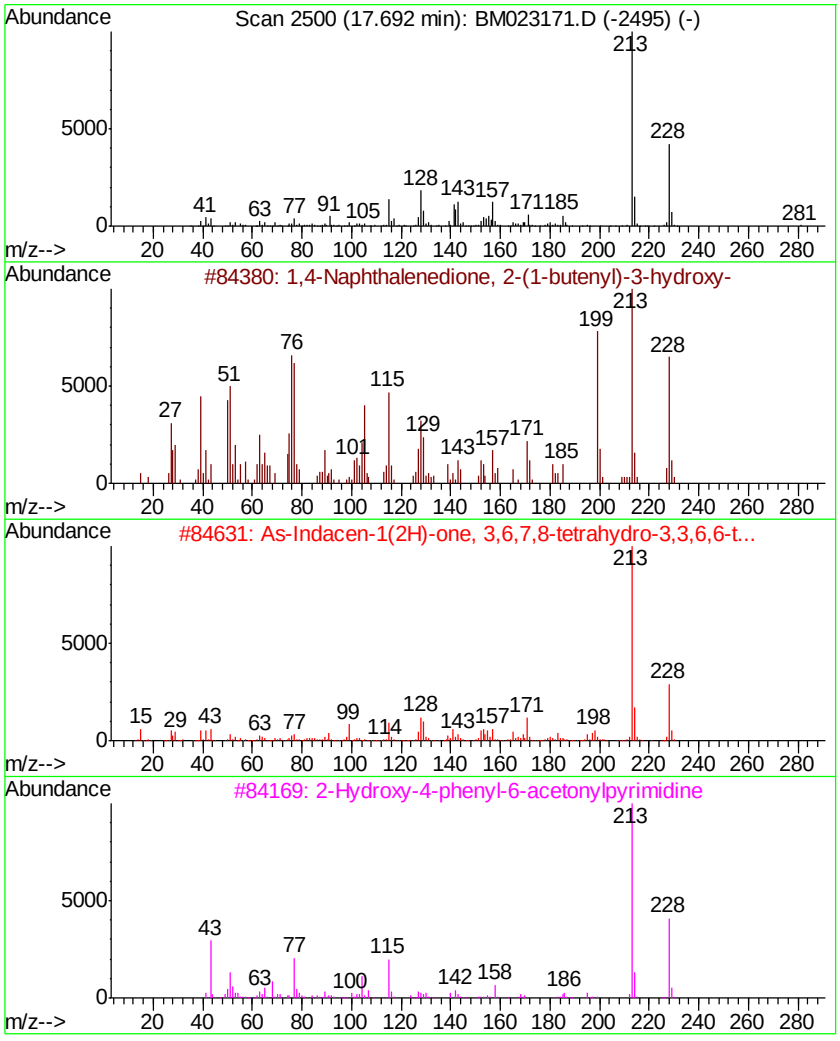

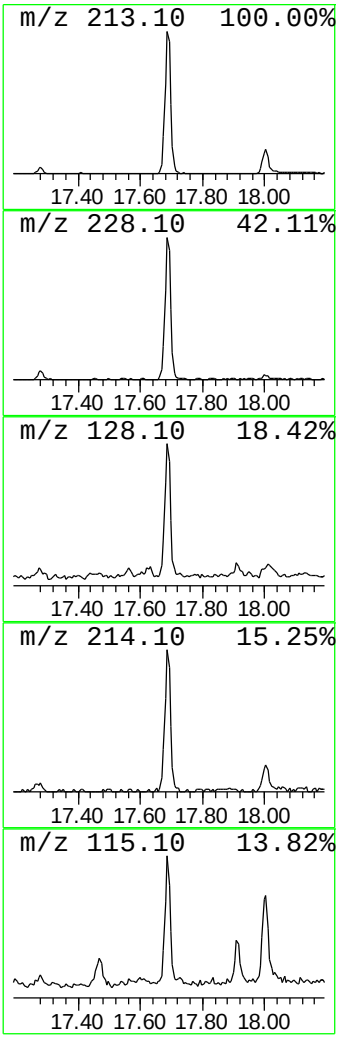

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Quant Title : SVOA CALIBRATION

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

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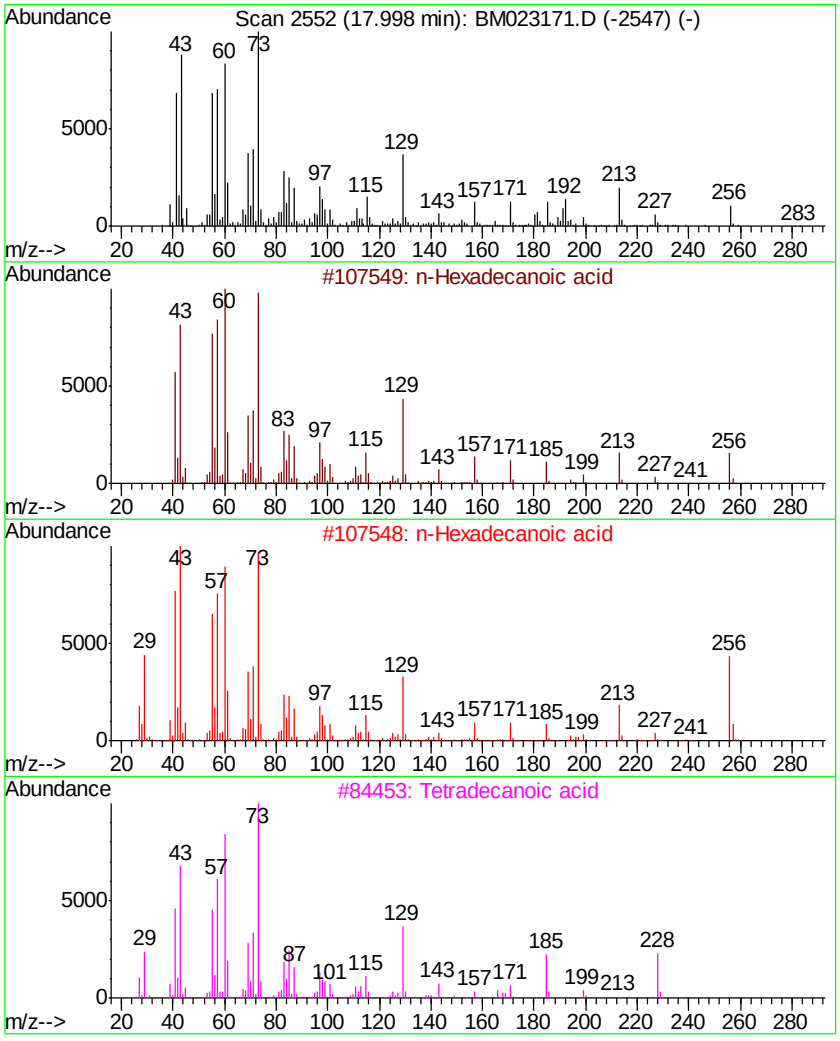
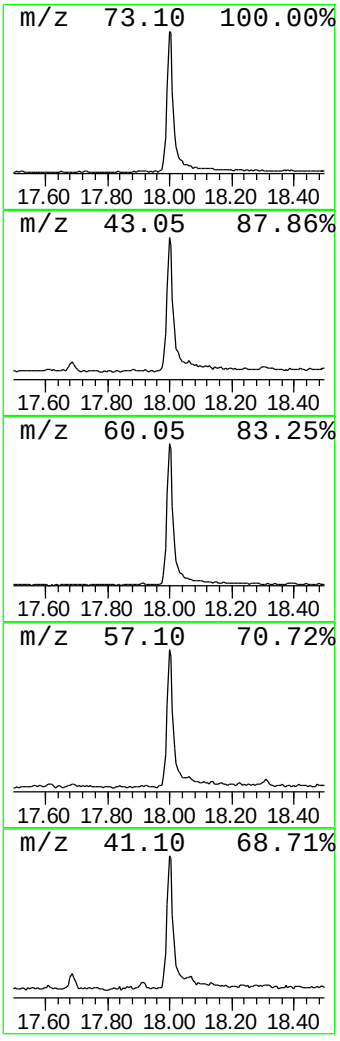
Peak Number 27 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	6.27 ng/ul	1813130	Phenanthrene-d10	17.07

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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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Quant Title : SVOA CALIBRATION

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

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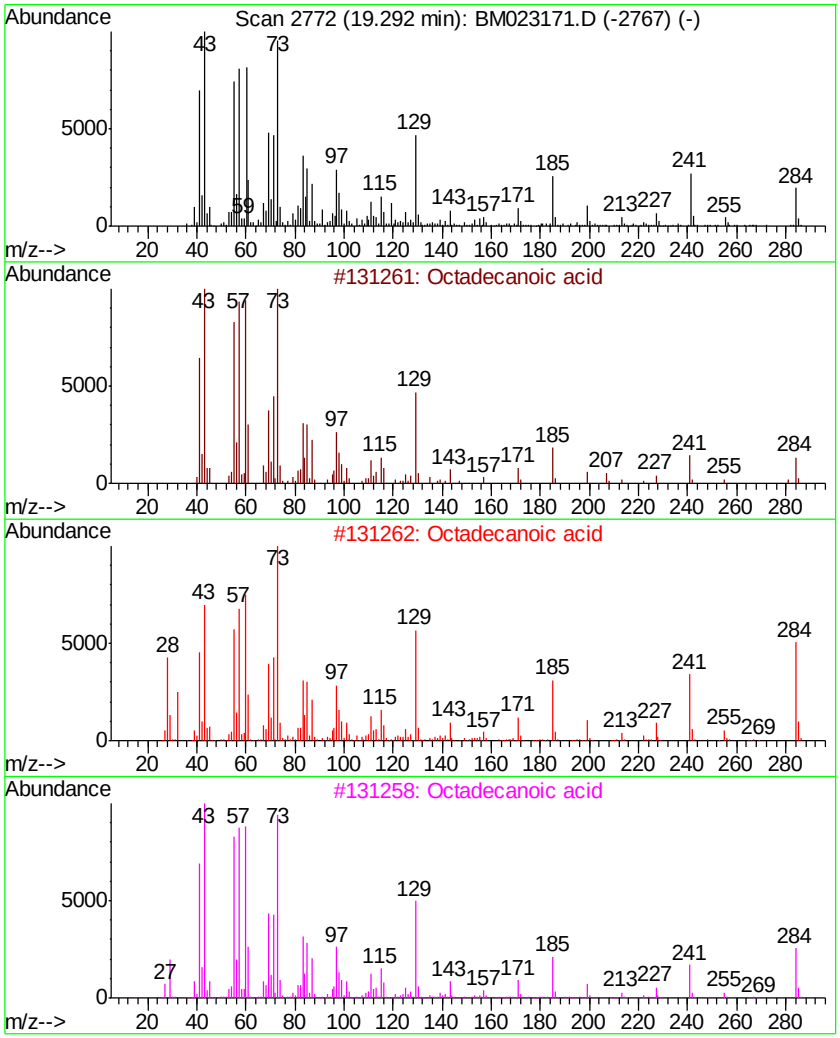
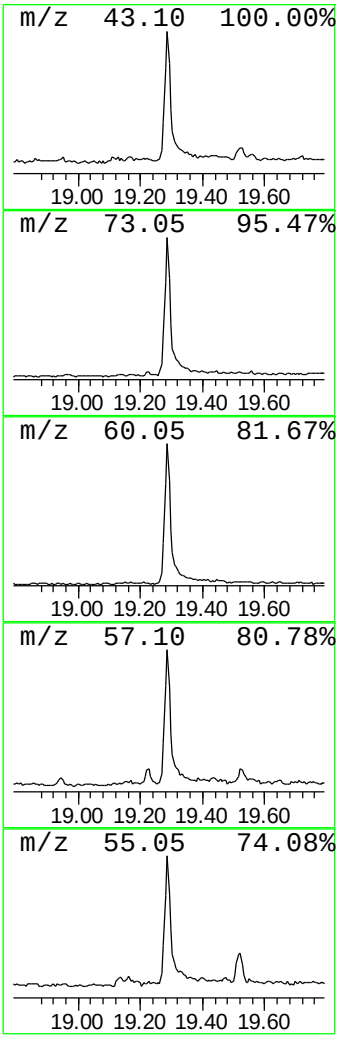
Peak Number 28 Octadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.52 ng/ul	1247220	Chrysene-d12	21.26

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	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Quant Title : SVOA CALIBRATION

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

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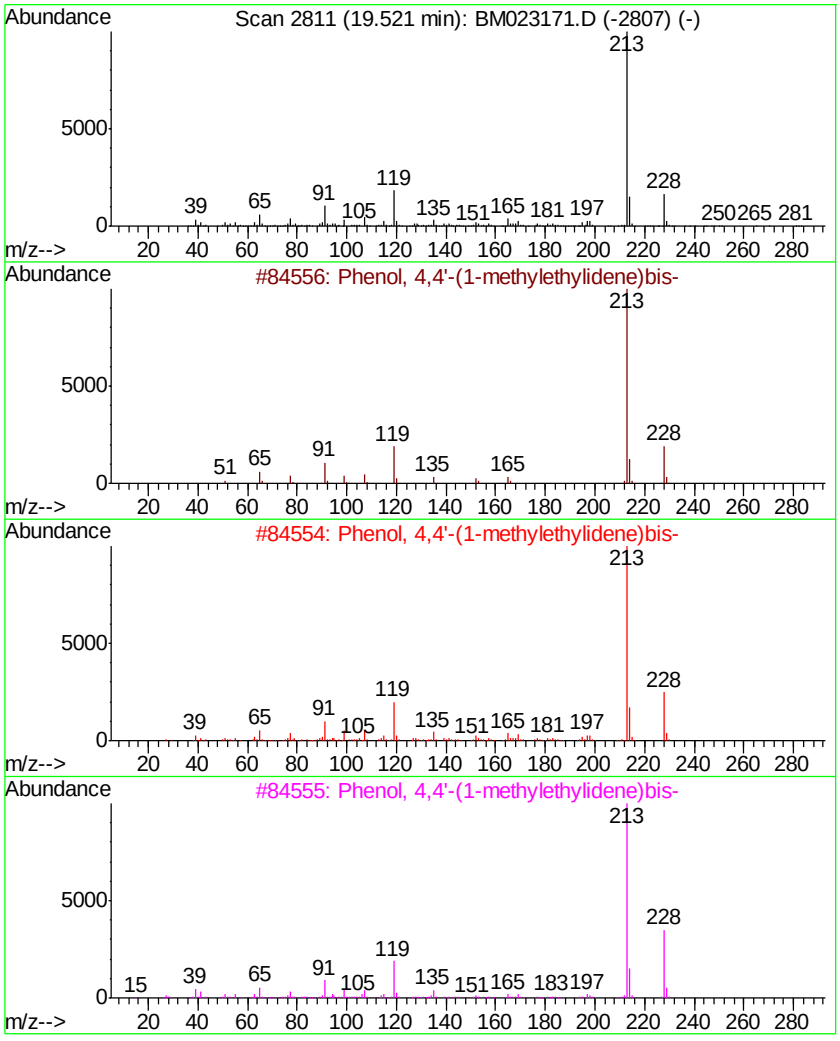
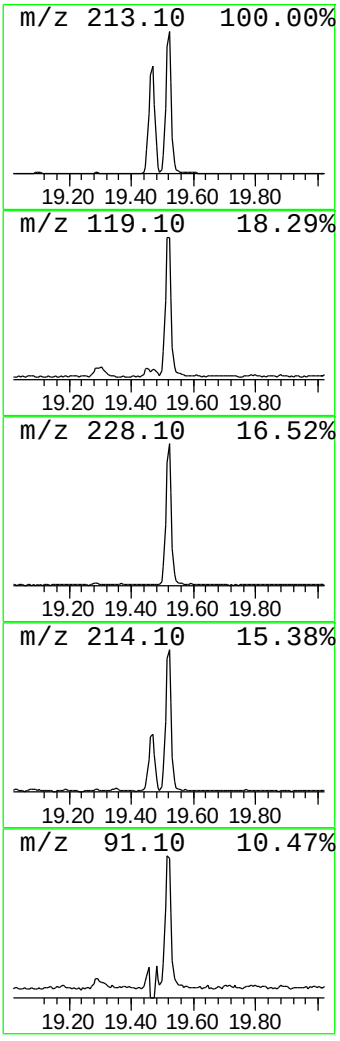
Peak Number 29 Phenol, 4,4'-(1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	5.73 ng/ul	2032890	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	93
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	86
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53
5	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

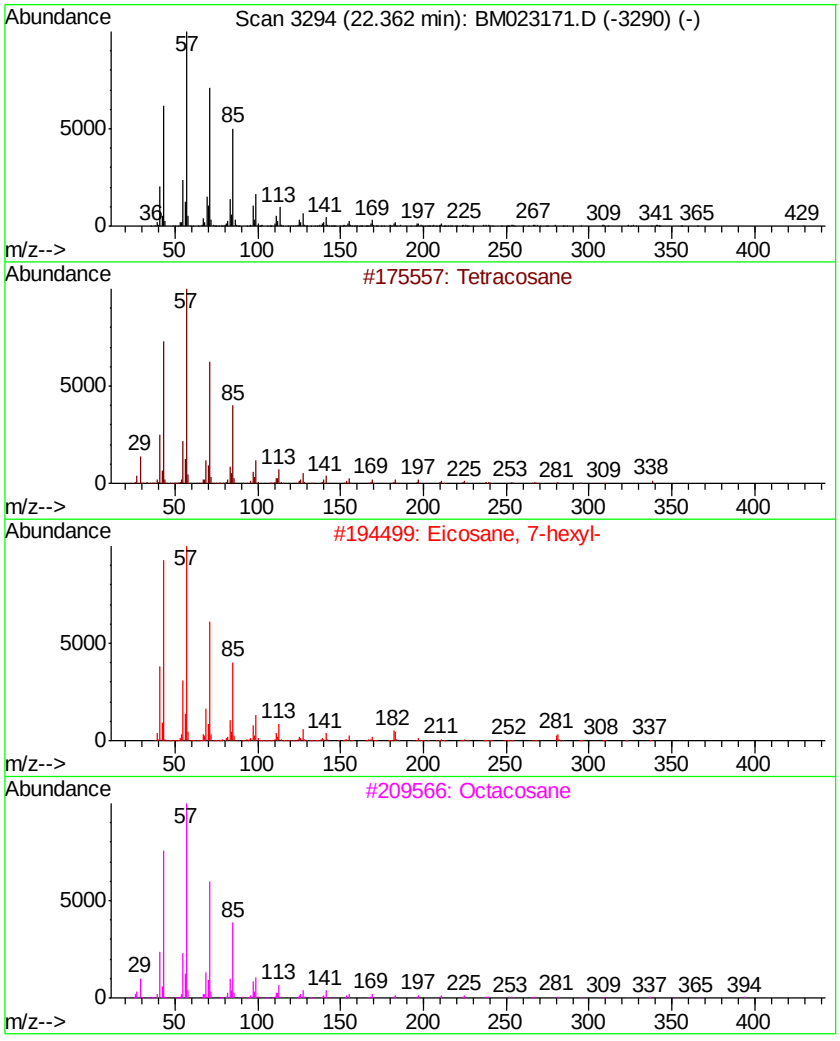
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

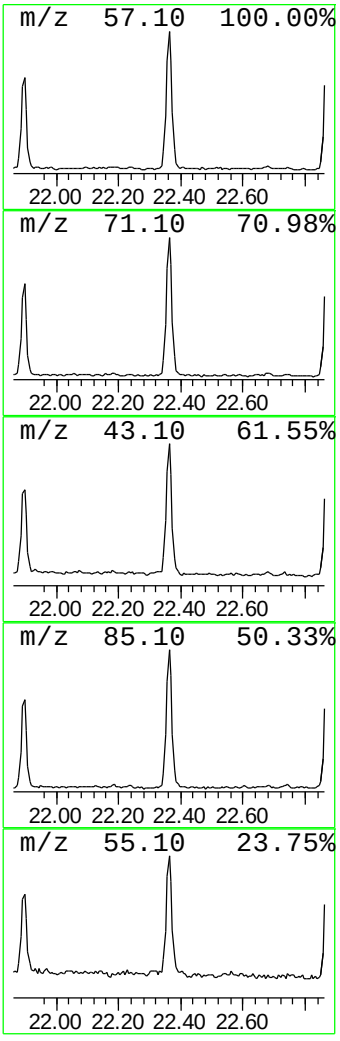
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	2.17 ng/ul	769500	Chrysene-d12	21.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

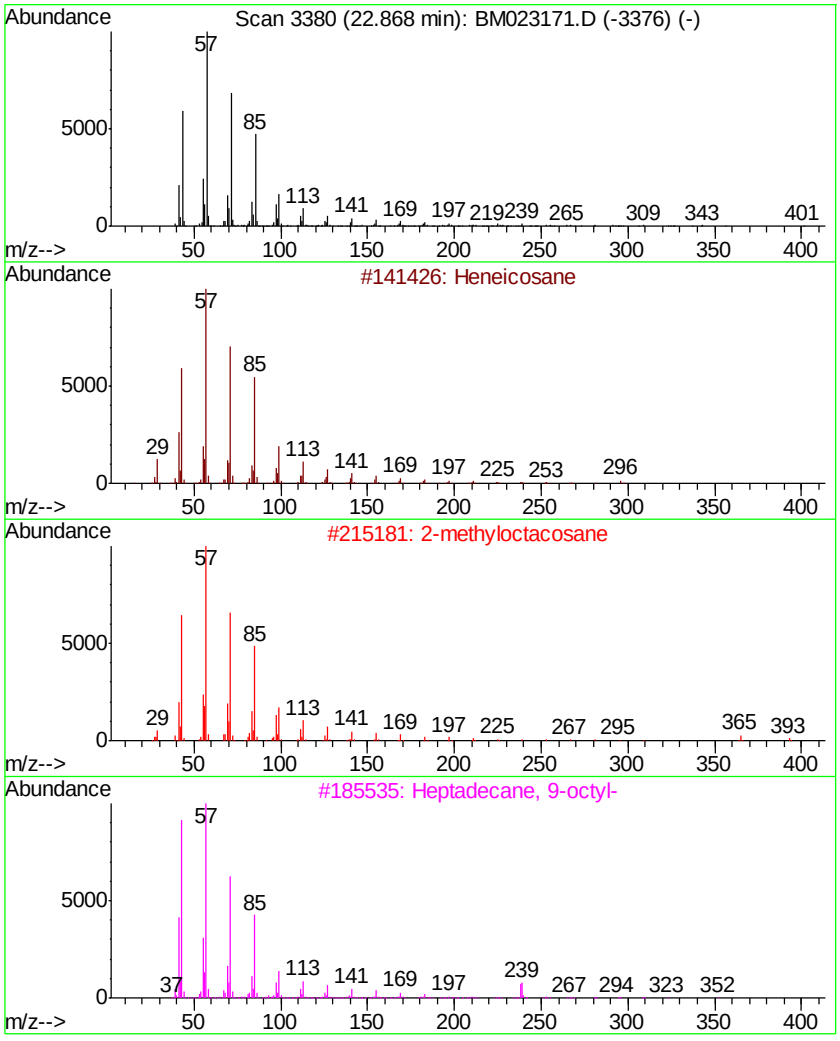
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

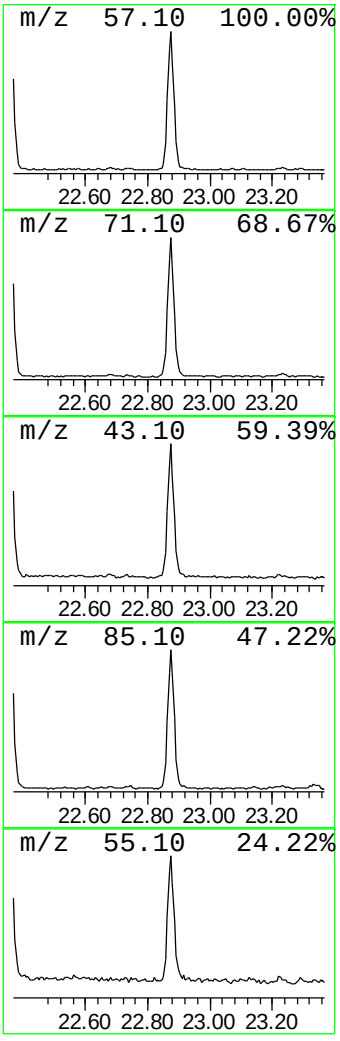
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.56 ng/ul	1048190	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

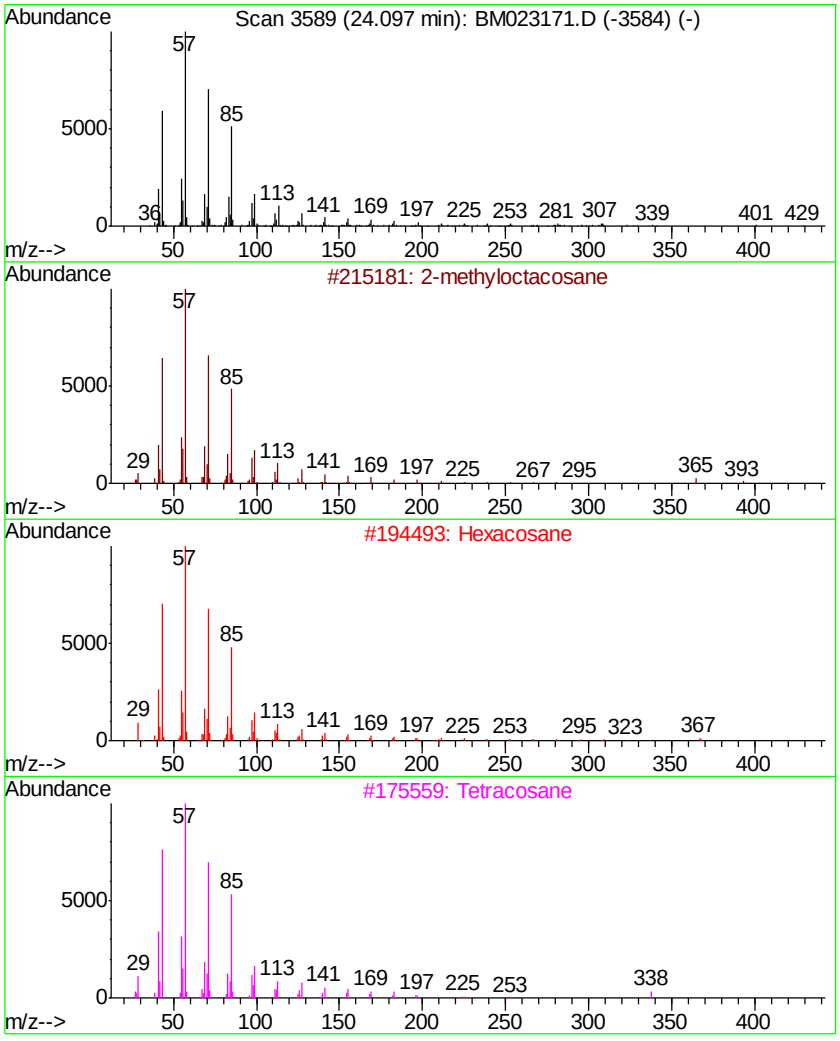
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

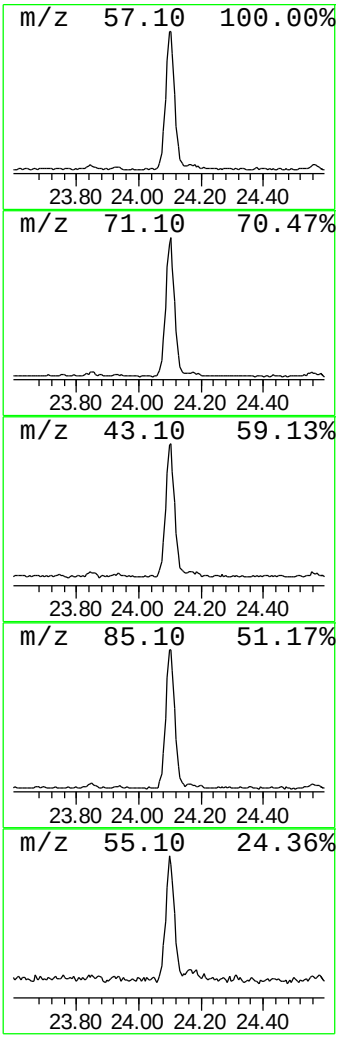
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.71 ng/ul	1112320	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

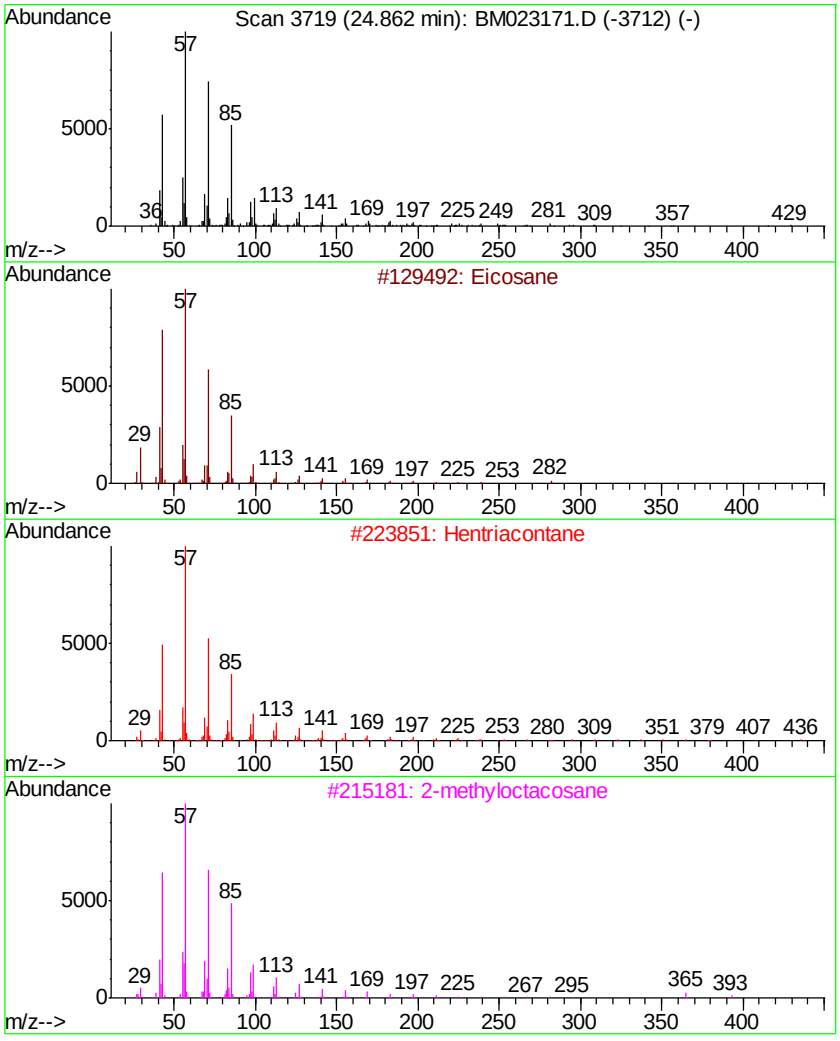
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

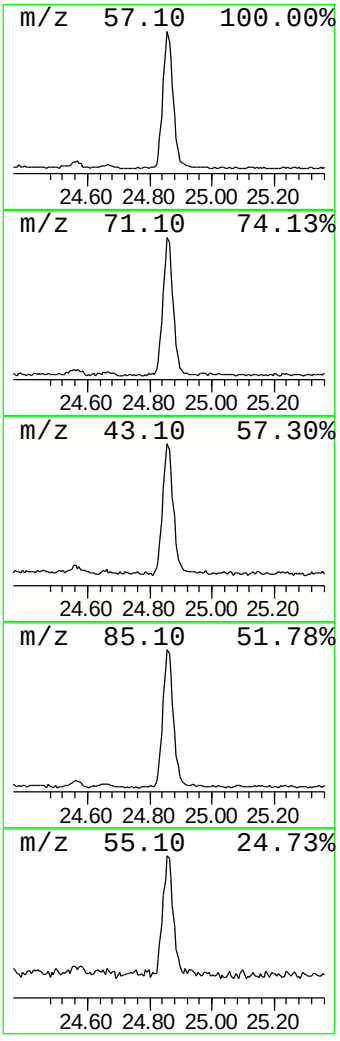
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	2.05 ng/ul	840592	Perylene-d12	23.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hentriacontane	437	C31H64	000630-04-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101519\
Data File : BM023171.D
Acq On : 15 Oct 2019 17:58
Operator : JU
Sample : K5028-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDL9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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...	3.66	4.9	ng/ul	587075	1	7.69	2383910	20.0
Propanoic acid, 2...	4.19	9.9	ng/ul	1175110	1	7.69	2383910	20.0
Propanoic acid, p...	4.37	13.4	ng/ul	1595030	1	7.69	2383910	20.0
Butanoic acid, 1-...	4.82	17.0	ng/ul	2026270	1	7.69	2383910	20.0
Ethylbenzene	5.23	6.4	ng/ul	765221	1	7.69	2383910	20.0
Benzene, 1,3-dime...	5.36	21.8	ng/ul	2602090	1	7.69	2383910	20.0
Butanoic acid, pr...	5.67	2.5	ng/ul	291838	1	7.69	2383910	20.0
o-Xylene	5.73	6.3	ng/ul	748061	1	7.69	2383910	20.0
Benzene, (1-methy...	6.20	2.5	ng/ul	304041	1	7.69	2383910	20.0
Benzene, propyl-	6.69	5.3	ng/ul	632432	1	7.69	2383910	20.0
Benzene, 1-ethyl-...	6.80	5.2	ng/ul	623148	1	7.69	2383910	20.0
Mesitylene	7.09	3.8	ng/ul	457326	1	7.69	2383910	20.0
Benzene, 1,2,3-tr...	7.35	41.8	ng/ul	4980440	1	7.69	2383910	20.0
Benzene, 1,2,4-tr...	7.81	19.8	ng/ul	2364290	1	7.69	2383910	20.0
Benzene, 1,4-diet...	8.19	2.2	ng/ul	261947	1	7.69	2383910	20.0
Benzene, 1-methyl...	8.25	3.0	ng/ul	353927	1	7.69	2383910	20.0
Benzene, 2-ethyl-...	8.65	3.1	ng/ul	366698	1	7.69	2383910	20.0
o-Cymene	8.70	3.0	ng/ul	358623	1	7.69	2383910	20.0
Benzene, 1,2,3,4-...	9.32	2.8	ng/ul	478519	2	10.47	3469730	20.0
Benzene, 1,2,4,5-...	9.38	3.7	ng/ul	634770	2	10.47	3469730	20.0
3-Phenylbut-1-ene	9.89	6.8	ng/ul	1181330	2	10.47	3469730	20.0
Phenol, p-tert-bu...	11.82	5.3	ng/ul	927009	2	10.47	3469730	20.0
Naphthalene, 1-me...	12.36	8.6	ng/ul	1489920	2	10.47	3469730	20.0
Phenol, 2-(phenyl...	16.09	4.7	ng/ul	1345070	4	17.07	5782180	20.0
1,4-Naphthalenedi...	17.69	2.2	ng/ul	645899	4	17.07	5782180	20.0
n-Hexadecanoic acid	18.00	6.3	ng/ul	1813130	4	17.07	5782180	20.0
Octadecanoic acid	19.29	3.5	ng/ul	1247220	5	21.26	7091020	20.0
Phenol, 4,4'-(1-m...	19.52	5.7	ng/ul	2032890	5	21.26	7091020	20.0
(DEL) Alkane: Str...	22.36	2.2	ng/ul	769500	5	21.26	7091020	20.0
(DEL) Alkane: Str...	22.87	2.6	ng/ul	1048190	6	23.48	8197440	20.0
(DEL) Alkane: Str...	24.10	2.7	ng/ul	1112320	6	23.48	8197440	20.0
(DEL) Alkane: Str...	24.86	2.0	ng/ul	840592	6	23.48	8197440	20.0