LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023749.D
Acq On : 15 Nov 2019 11:24
Operator : JU
Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

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-BM111119MA.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	5.069	366	371	377	rBV	201175	289031	0.56%	0.201%
2	5.199	387	393	403	rVB	154024	360811	0.70%	0.250%
3	5.557	448	454	462	rBV	156081	240044	0.46%	0.167%
4	6.034	529	535	541	rBV	75323	113570	0.22%	0.079%
5	6.628	630	636	642	rBV	133644	204895	0.40%	0.142%
6	6.687	642	646	650	rVV	99937	154159	0.30%	0.107%
7	6.763	654	659	668	rVB	266161	415436	0.80%	0.288%
8	6.875	674	678	683	rBV	82360	135829	0.26%	0.094%
9	6.922	683	686	694	rVB2	68281	103193	0.20%	0.072%
10	7.069	704	711	717	rBV	87081	148919	0.29%	0.103%
11	7.181	724	730	737	rBV	650780	976851	1.89%	0.678%
12	7.251	737	742	750	rVB	59298	108935	0.21%	0.076%
13	7.528	781	789	801	rBV	1297865	2150012	4.16%	1.493%
14	7.640	801	808	816	rVV	204937	342616	0.66%	0.238%
15	7.892	843	851	859	rBV	2197423	3547908	6.86%	2.463%
16	8.057	868	879	887	rBV	519697	882586	1.71%	0.613%
17	8.169	891	898	903	rBV	101390	151629	0.29%	0.105%
18	8.245	906	911	921	rVB2	59225	109718	0.21%	0.076%
19	8.628	971	976	980	rBV	108023	161704	0.31%	0.112%
20	8.698	980	988	997	rVB2	173781	418008	0.81%	0.290%
21	8.875	1012	1018	1027	rBV	222902	359008	0.69%	0.249%
22	8.998	1027	1039	1045	rVV	404598	892378	1.72%	0.619%
23	9.057	1045	1049	1055	rVV	107636	175127	0.34%	0.122%
24	9.151	1059	1065	1070	rVV	79464	130355	0.25%	0.090%
25	9.204	1070	1074	1081	rVB	81525	132666	0.26%	0.092%
26	9.398	1097	1107	1113	rBV	79826	148806	0.29%	0.103%
27	9.563	1129	1135	1144	rVB	225113	361043	0.70%	0.251%
28	9.710	1153	1160	1171	rBV4	407793	1009883	1.95%	0.701%
29	9.804	1171	1176	1181	rBV	157729	299975	0.58%	0.208%
30	9.939	1191	1199	1206	rBV2	147587	253894	0.49%	0.176%
31	10.304	1252	1261	1264	rVV	1656928	3060457	5.91%	2.125%
32	10.363	1264	1271	1278	rVV2	27954155	51741200	100.00%	35.918%
33	10.469	1282	1289	1300	rVV	2035615	3526320	6.82%	2.448%
34	10.557	1300	1304	1307	rVV	53261	94607	0.18%	0.066%

LSC Area Percent Report

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Acq On : 15 Nov 2019 11:24
Operator : JU
Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

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-BM111119MA.M
Title : SVOA CALIBRATION

35	10.604	1308	1312	1319	rVV	43471	82446	0.16%	0.057%
36	10.728	1327	1333	1339	rVV	95955	186483	0.36%	0.129%
37	11.222	1411	1417	1426	rVB3	38747	79221	0.15%	0.055%
38	11.410	1441	1449	1455	rBV2	113885	202420	0.39%	0.141%
39	11.869	1521	1527	1535	rVB	170302	288911	0.56%	0.201%
40	11.975	1535	1545	1553	rBV	2270706	3644002	7.04%	2.530%
41	12.092	1560	1565	1572	rVB	115383	206058	0.40%	0.143%
42	12.198	1572	1583	1594	rVB	3969403	6331800	12.24%	4.396%
43	13.010	1714	1721	1728	rBV	1166294	1745218	3.37%	1.212%
44	13.210	1749	1755	1765	rVB	216699	441327	0.85%	0.306%
45	13.345	1768	1778	1779	rBV2	348647	577755	1.12%	0.401%
46	13.498	1798	1804	1810	rBV	641049	1150214	2.22%	0.798%
47	13.557	1810	1814	1817	rVV	179343	261021	0.50%	0.181%
48	13.604	1817	1822	1827	rVB	284757	429153	0.83%	0.298%
49	13.739	1839	1845	1849	rBV	265378	423154	0.82%	0.294%
50	13.769	1849	1850	1856	rVB	109781	119859	0.23%	0.083%
51	13.874	1862	1868	1871	rBV	312685	506947	0.98%	0.352%
52	13.904	1871	1873	1881	rVB	183377	254423	0.49%	0.177%
53	14.180	1913	1920	1926	rBV	2722852	4266003	8.24%	2.961%
54	14.245	1926	1931	1939	rVV	3804533	5620876	10.86%	3.902%
55	14.316	1939	1943	1949	rVB	290450	426212	0.82%	0.296%
56	14.498	1966	1974	1979	rBV	90974	154541	0.30%	0.107%
57	14.586	1979	1989	1998	rBV	2914021	4149159	8.02%	2.880%
58	14.669	1998	2003	2016	rVB2	60634	113730	0.22%	0.079%
59	14.816	2019	2028	2032	rBV3	51546	117053	0.23%	0.081%
60	14.868	2032	2037	2041	rBV4	48477	75742	0.15%	0.053%
61	14.980	2048	2056	2060	rBV	39232	81431	0.16%	0.057%
62	15.180	2085	2090	2095	rVV	481006	703847	1.36%	0.489%
63	15.239	2095	2100	2110	rVV	2493481	3477666	6.72%	2.414%
64	15.327	2110	2115	2119	rVV3	93651	185761	0.36%	0.129%
65	15.363	2119	2121	2124	rVV3	101014	130886	0.25%	0.091%
66	15.404	2124	2128	2132	rVV2	171588	262233	0.51%	0.182%
67	15.451	2132	2136	2139	rVV3	44393	77326	0.15%	0.054%
68	15.486	2139	2142	2146	rVV	86468	117425	0.23%	0.082%
69	15.533	2146	2150	2156	rVB	198476	287120	0.55%	0.199%
70	15.645	2163	2169	2171	rBV2	64026	94576	0.18%	0.066%
71	15.680	2171	2175	2184	rVV	224912	465199	0.90%	0.323%

LSC Area Percent Report

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

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-BM111119MA.M
Title : SVOA CALIBRATION

72	15.774	2184	2191	2195	rVB4	39827	77291	0.15%	0.054%
73	15.916	2210	2215	2224	rBV	151214	235453	0.46%	0.163%
74	16.033	2230	2235	2243	rBV	72884	122522	0.24%	0.085%
75	16.221	2260	2267	2268	rBV4	55165	97818	0.19%	0.068%
76	16.245	2268	2271	2276	rVV	82406	132964	0.26%	0.092%
77	16.751	2348	2357	2362	rVV	265839	436776	0.84%	0.303%
78	16.933	2379	2388	2392	rVV	3458595	5020985	9.70%	3.486%
79	16.974	2392	2395	2400	rVV	3321527	4402071	8.51%	3.056%
80	17.033	2400	2405	2408	rVV	543866	856667	1.66%	0.595%
81	17.068	2408	2411	2418	rVV	228891	350984	0.68%	0.244%
82	17.133	2418	2422	2430	rVB	68324	122695	0.24%	0.085%
83	17.339	2447	2457	2464	rBV	2815769	3927109	7.59%	2.726%
84	17.451	2469	2476	2482	rVV4	121262	258250	0.50%	0.179%
85	17.504	2482	2485	2490	rVB	59342	82944	0.16%	0.058%
86	17.810	2534	2537	2540	rVV	70382	77398	0.15%	0.054%
87	17.857	2540	2545	2554	rVB	475004	684772	1.32%	0.475%
88	17.939	2554	2559	2564	rBV	51992	78197	0.15%	0.054%
89	18.004	2564	2570	2574	rBV2	183954	304891	0.59%	0.212%
90	18.115	2582	2589	2593	rBV2	161980	297911	0.58%	0.207%
91	18.157	2593	2596	2600	rVV	161400	222085	0.43%	0.154%
92	18.257	2607	2613	2619	rVV2	154981	299198	0.58%	0.208%
93	18.315	2619	2623	2627	rVB2	73266	101691	0.20%	0.071%
94	18.998	2734	2739	2746	rVB	355892	492161	0.95%	0.342%
95	19.333	2791	2796	2800	rBV	656883	965002	1.87%	0.670%
96	19.745	2861	2866	2873	rBV2	233788	406146	0.78%	0.282%
97	19.815	2873	2878	2886	rVV	387727	593646	1.15%	0.412%
98	21.133	3097	3102	3108	rBV	4552943	5757224	11.13%	3.997%
99	23.156	3442	3446	3453	rVB	480041	734971	1.42%	0.510%
100	23.291	3463	3469	3479	rVB	3356519	5973223	11.54%	4.147%

Sum of corrected areas: 144051816

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
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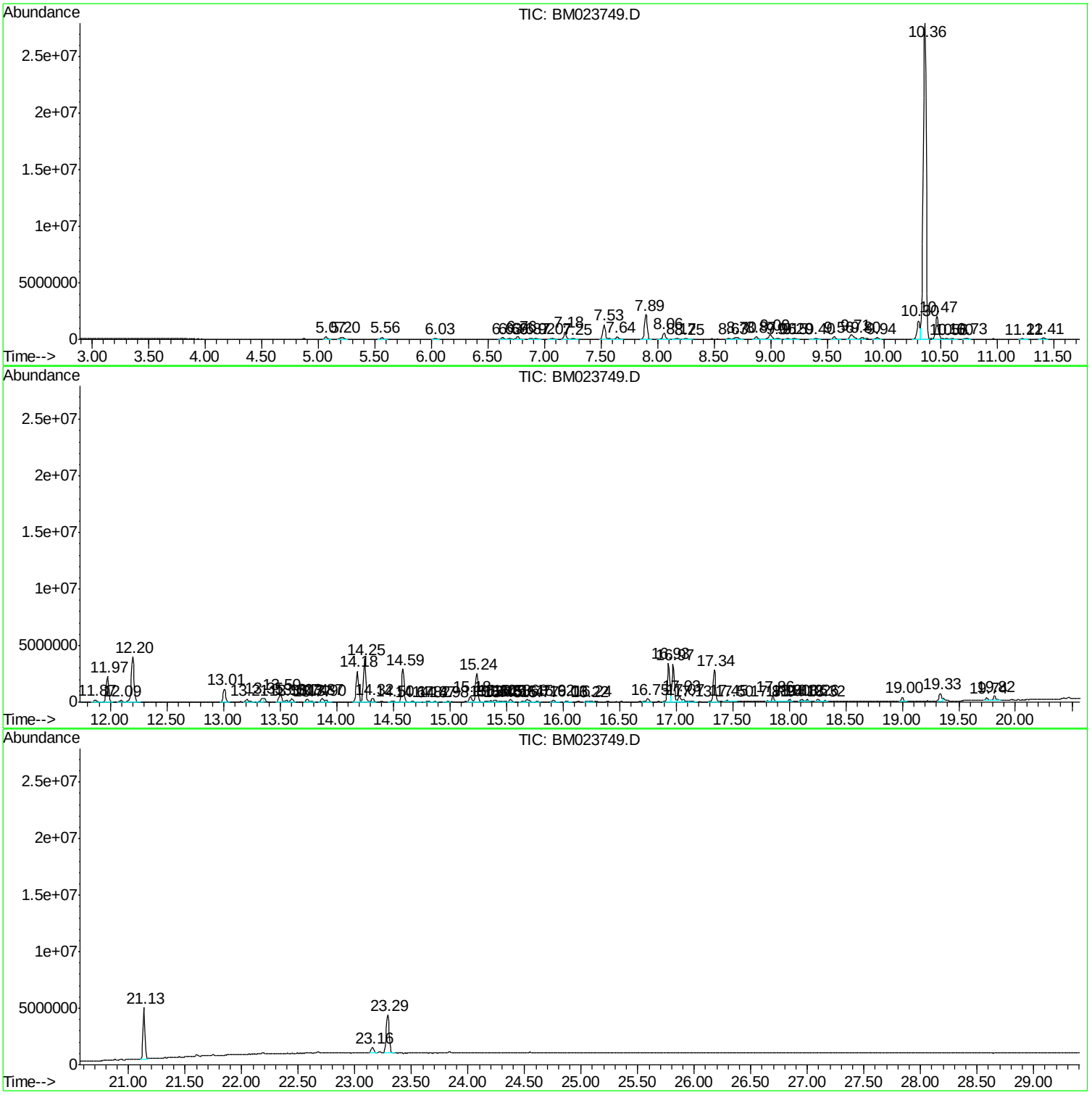
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

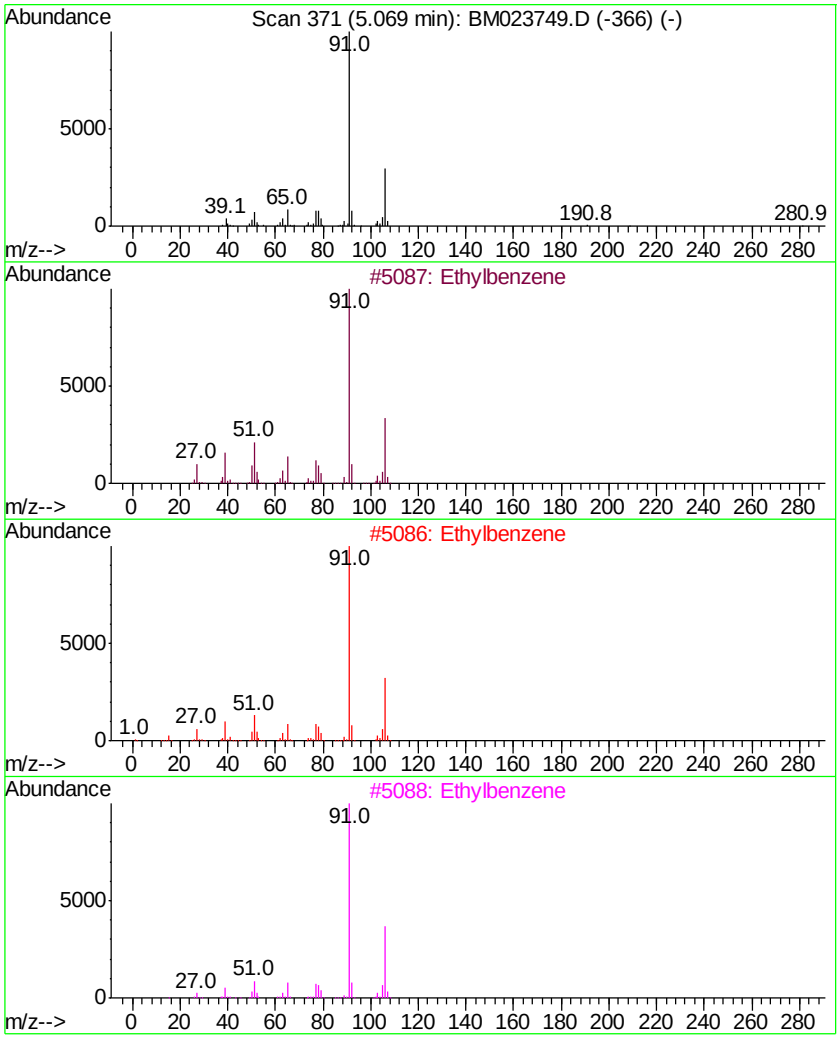
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

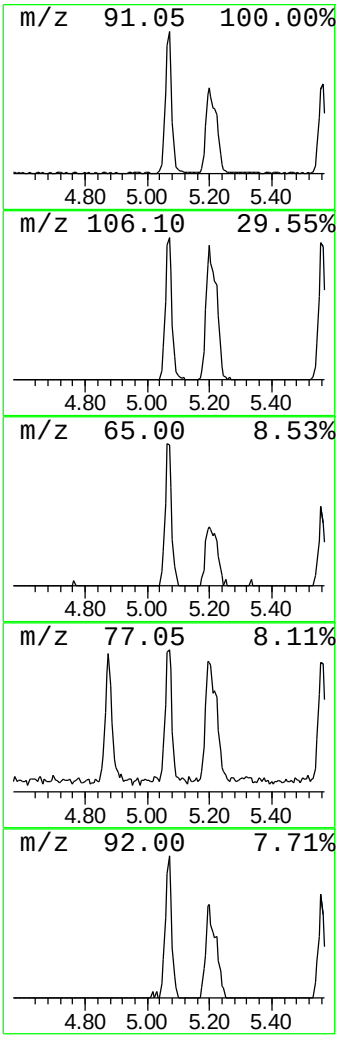
****

Peak Number 1 Ethylbenzene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.69 ng/ul	289031	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	90
2	Ethylbenzene	106	C8H10	000100-41-4	87
3	Ethylbenzene	106	C8H10	000100-41-4	87
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	o-Xylene	106	C8H10	000095-47-6	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023749.D
Acq On : 15 Nov 2019 11:24
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

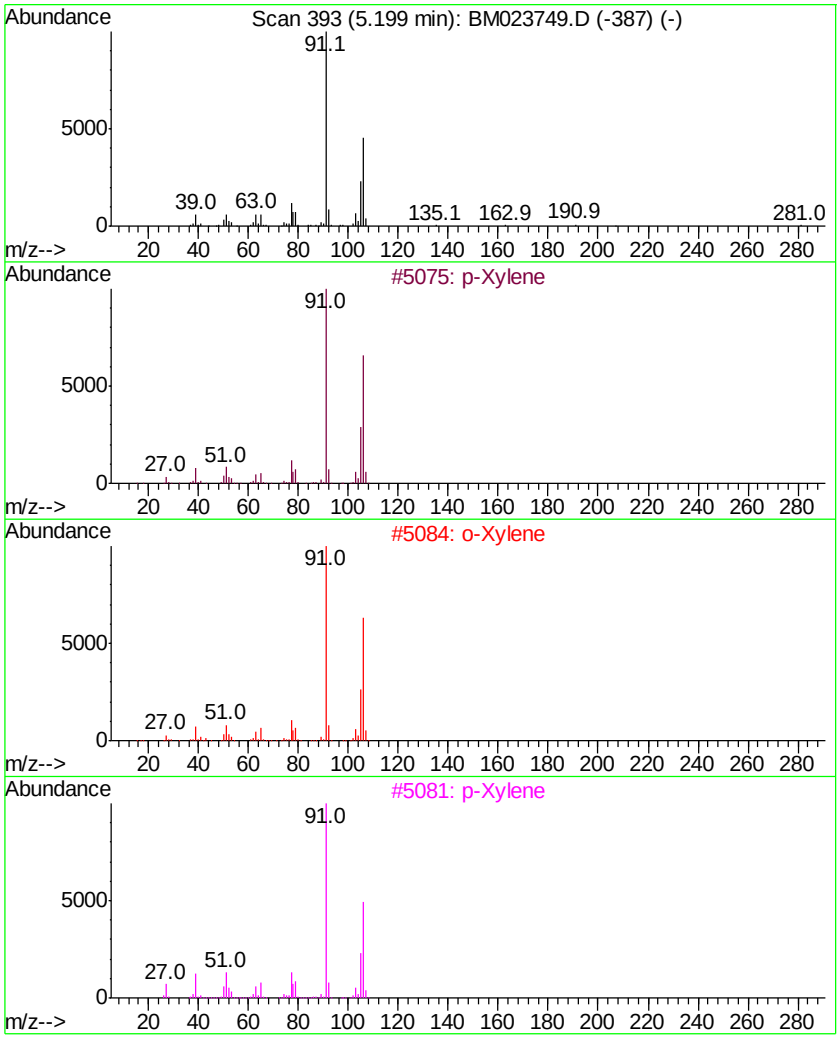
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

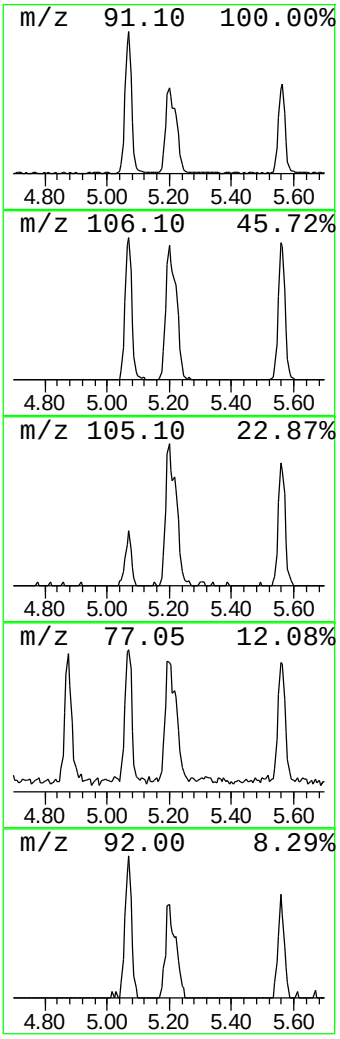
****

Peak Number 2 p-Xylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.36 ng/ul	360811	1,4-Dichlorobenzene-d4	7.53

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





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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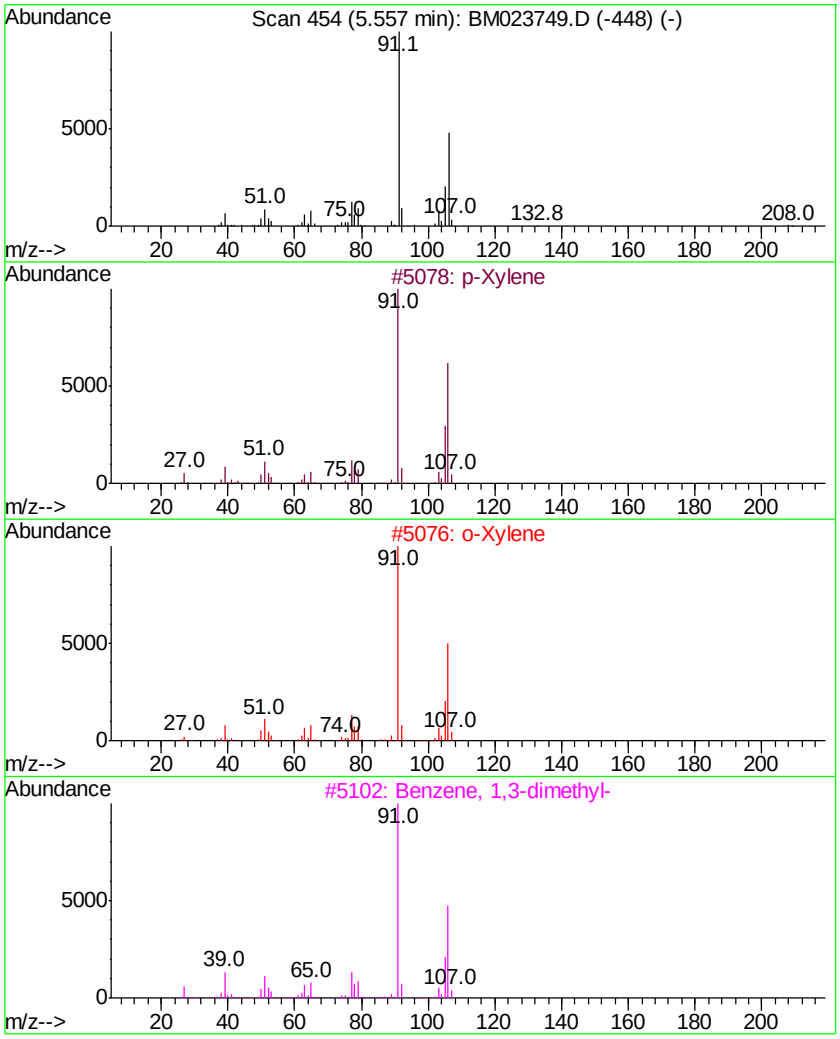
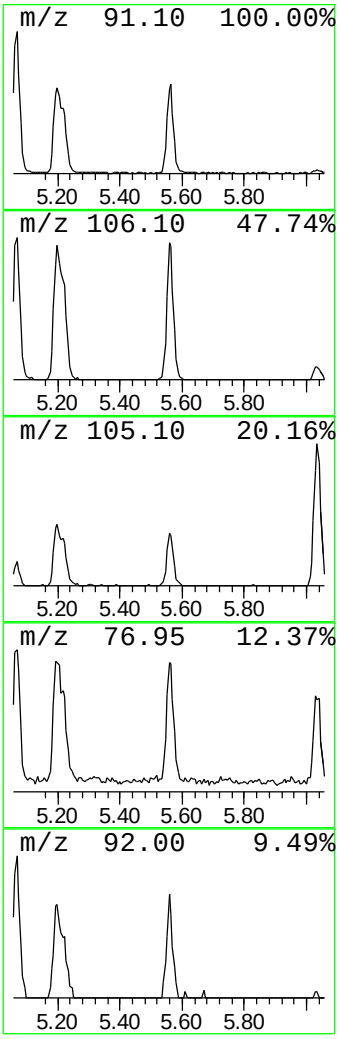
Peak Number 3 o-Xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	2.23 ng/ul	240044	1,4-Dichlorobenzene-d4	7.53

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





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

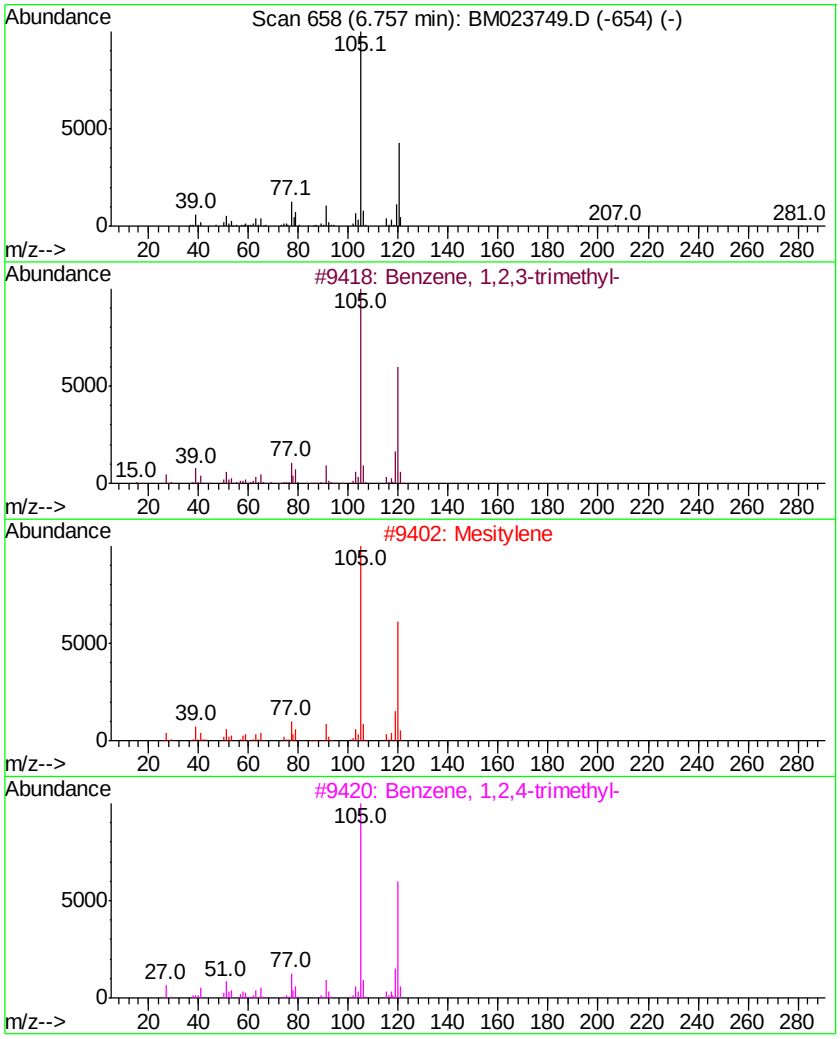
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

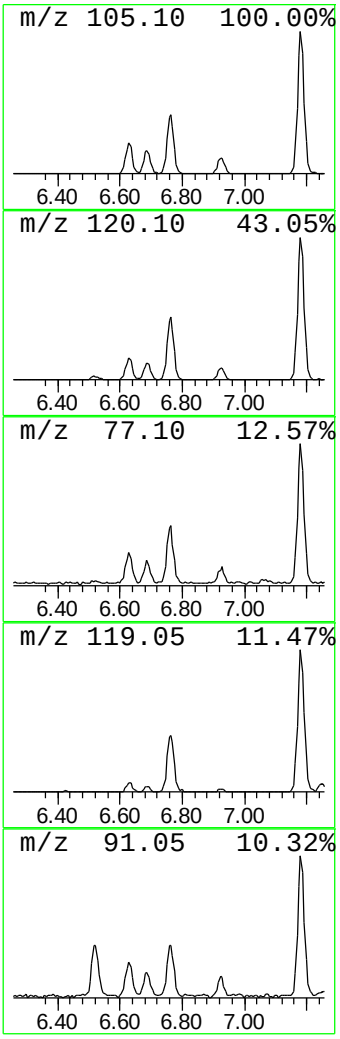
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	3.86 ng/ul	415436	1,4-Dichlorobenzene-d4	7.53

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





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Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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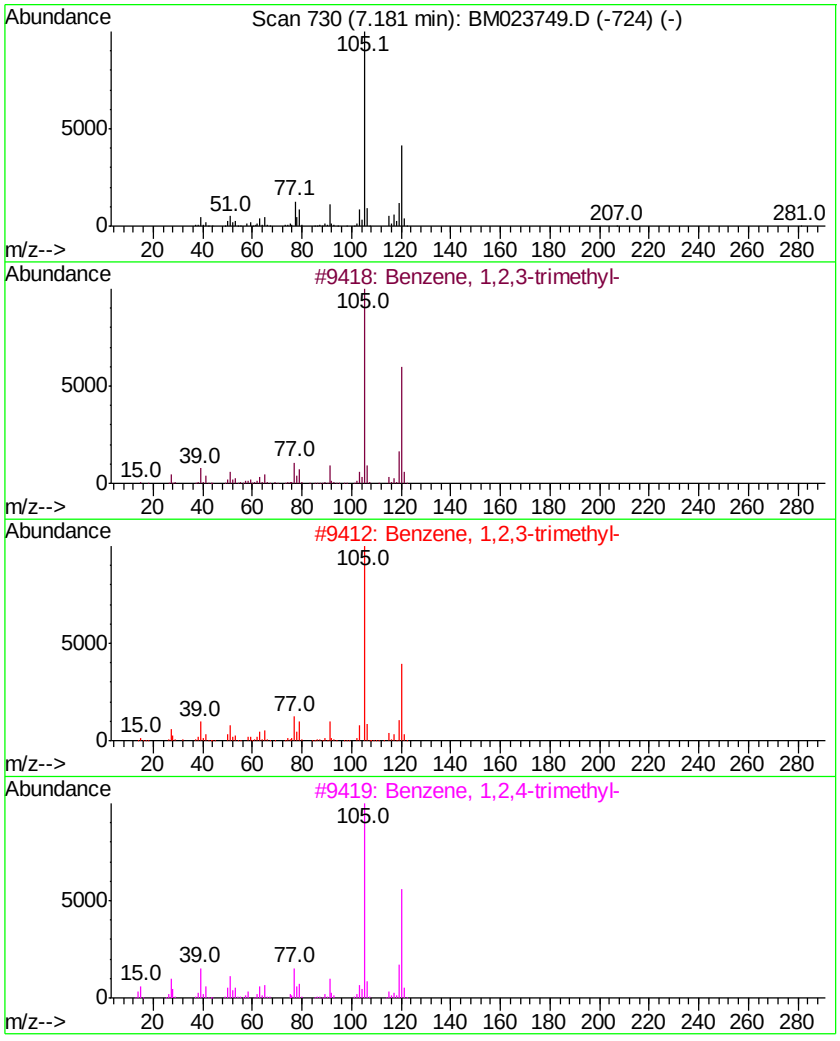
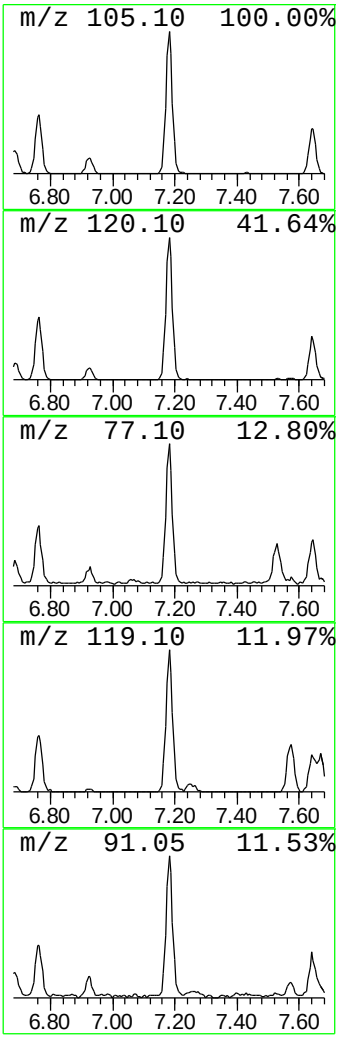
Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	9.09 ng/ul	976851	1,4-Dichlorobenzene-d4	7.53

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	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023749.D
Acq On : 15 Nov 2019 11:24
Operator : JU
Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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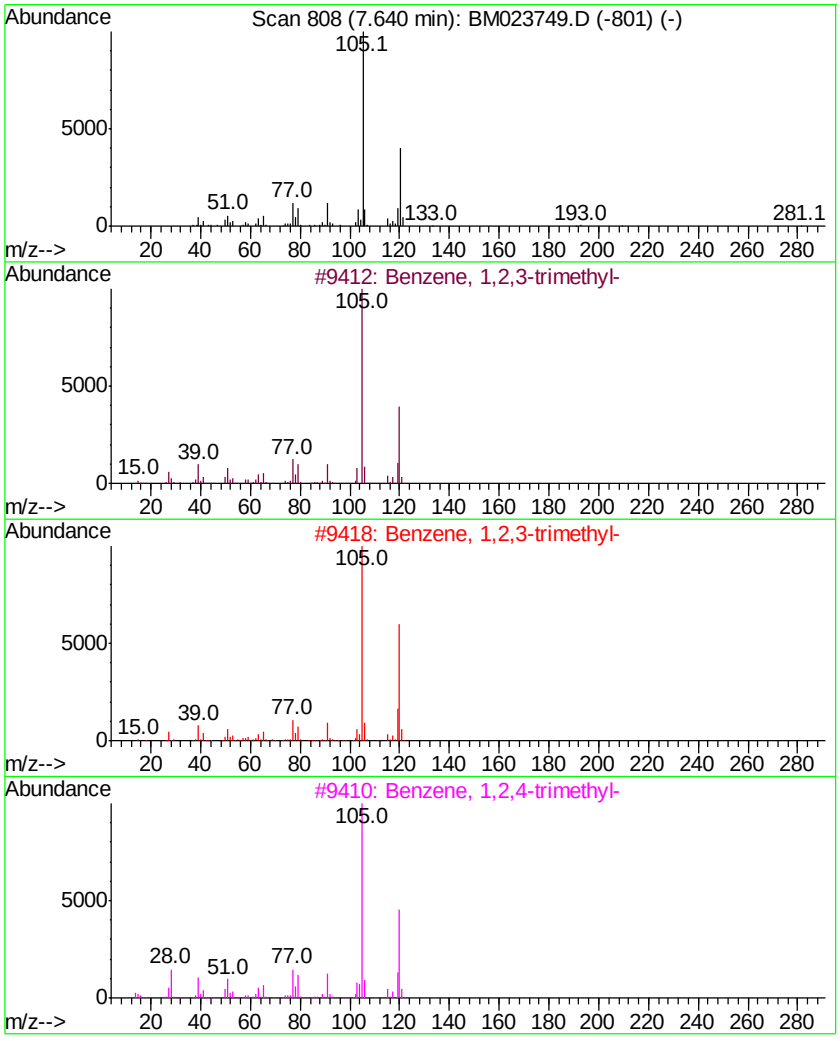
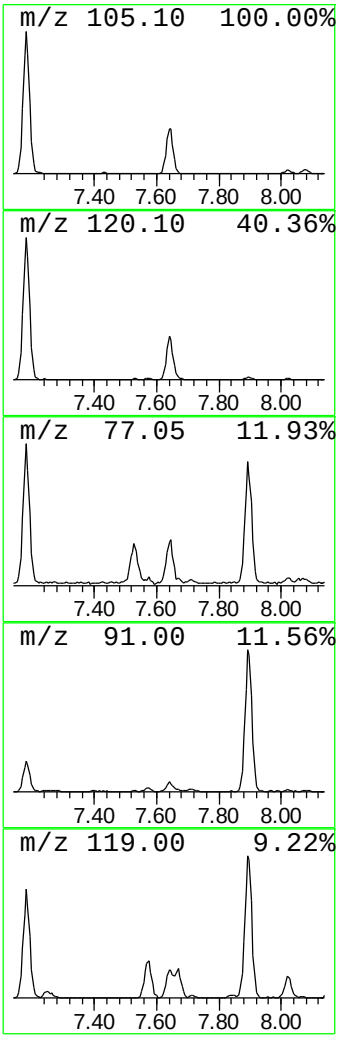
Peak Number 6 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	3.19 ng/ul	342616	1,4-Dichlorobenzene-d4	7.53

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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





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ClientSampleId : BEGY7DL

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Quant Title : SVOA CALIBRATION

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

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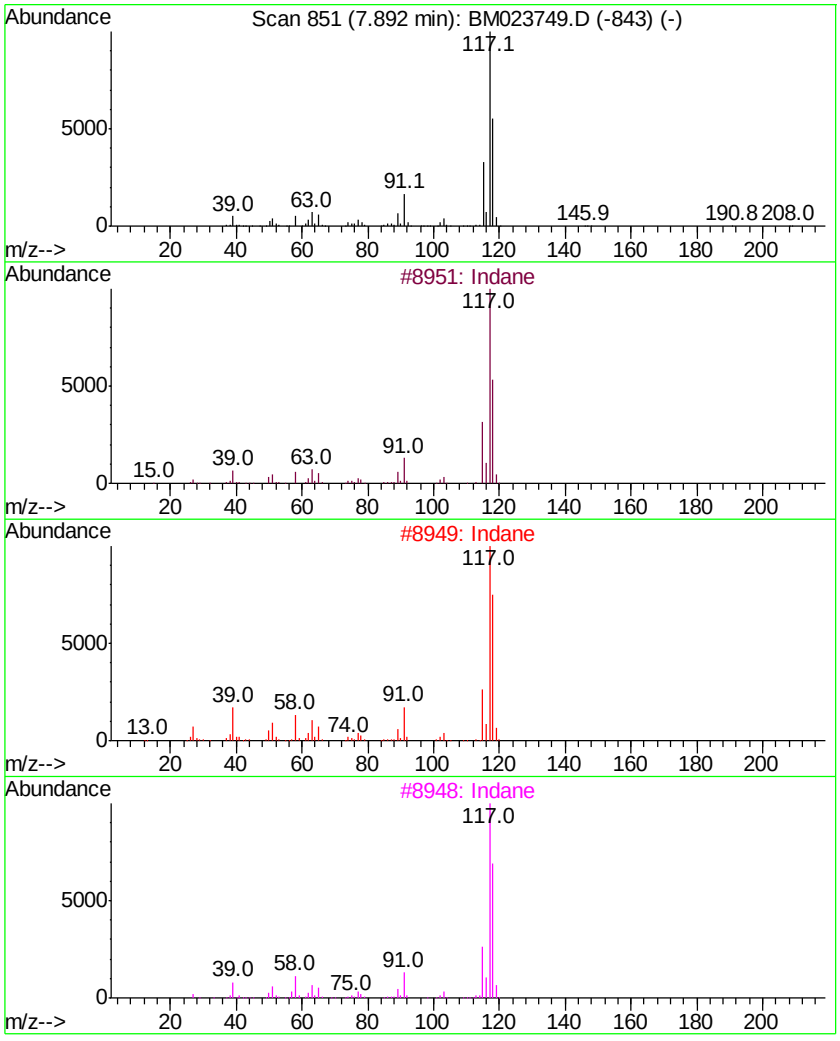
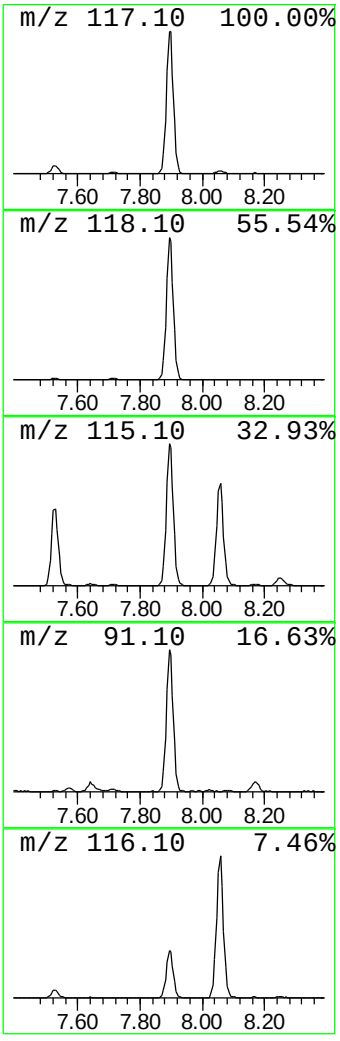
Peak Number 7 Benzene, cyclopropyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	33.00 ng/ul	3547910	1,4-Dichlorobenzene-d4	7.53

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	Indane	118	C9H10	000496-11-7	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80





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Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

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Quant Title : SVOA CALIBRATION

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

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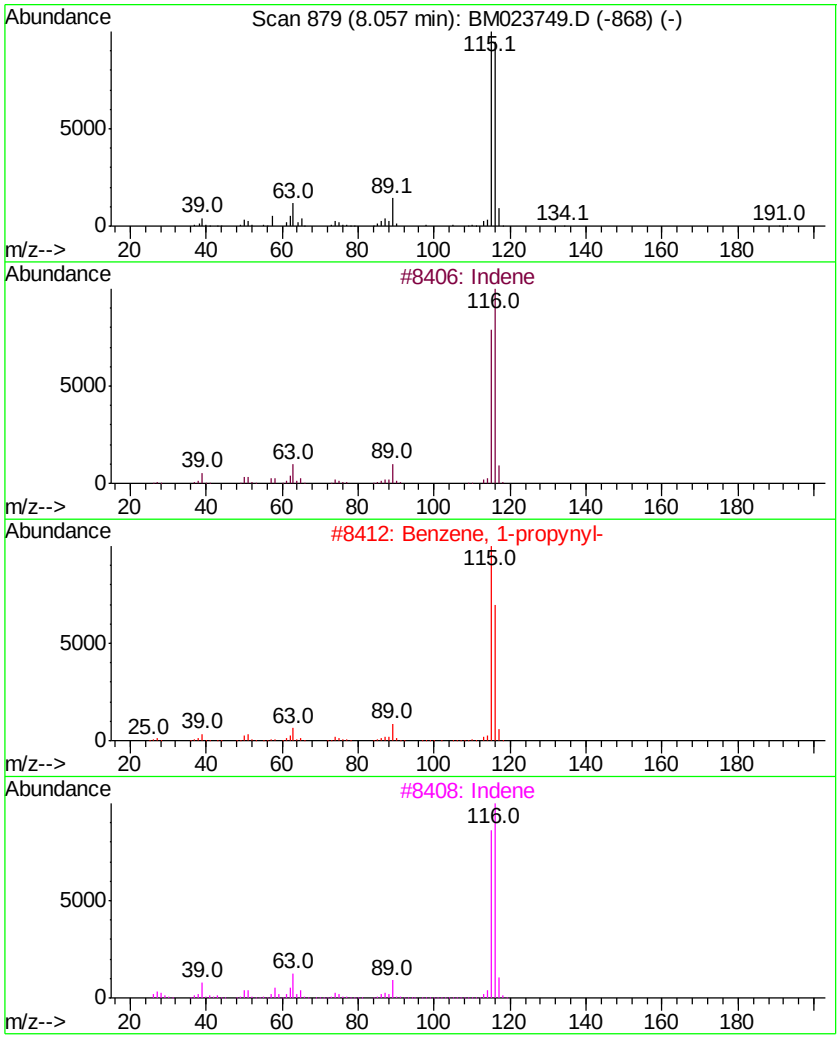
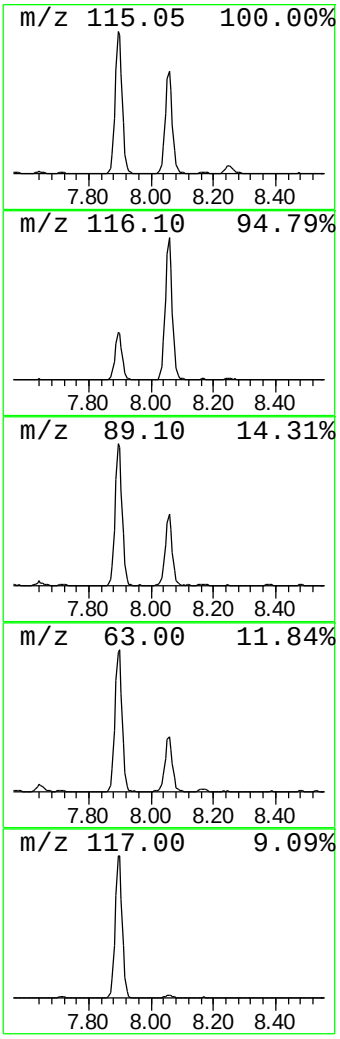
Peak Number 8 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	8.21 ng/ul	882586	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	95
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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Instrument : BNA_M
ClientSampleId : BEGY7DL

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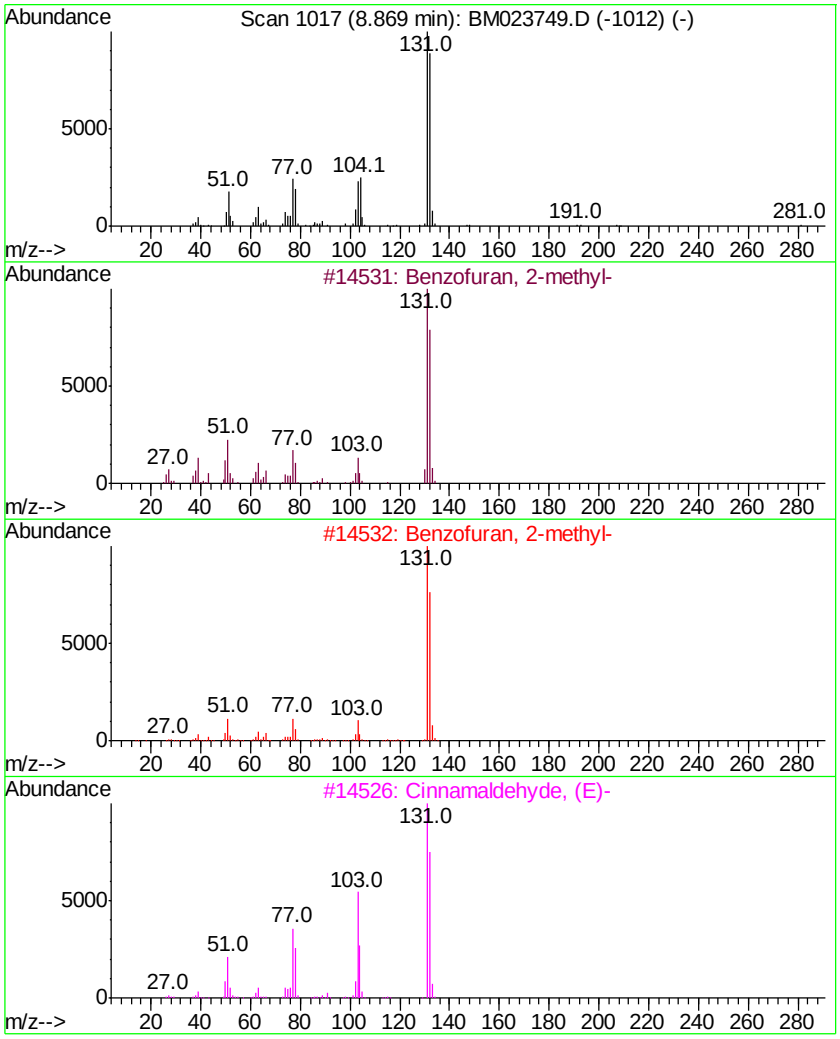
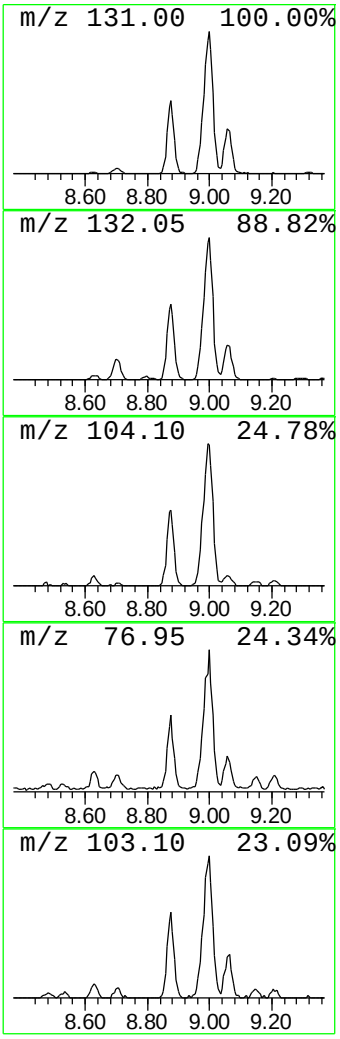
Peak Number 9 Cinnamaldehyde, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	3.34 ng/ul	359008	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

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Quant Title : SVOA CALIBRATION

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

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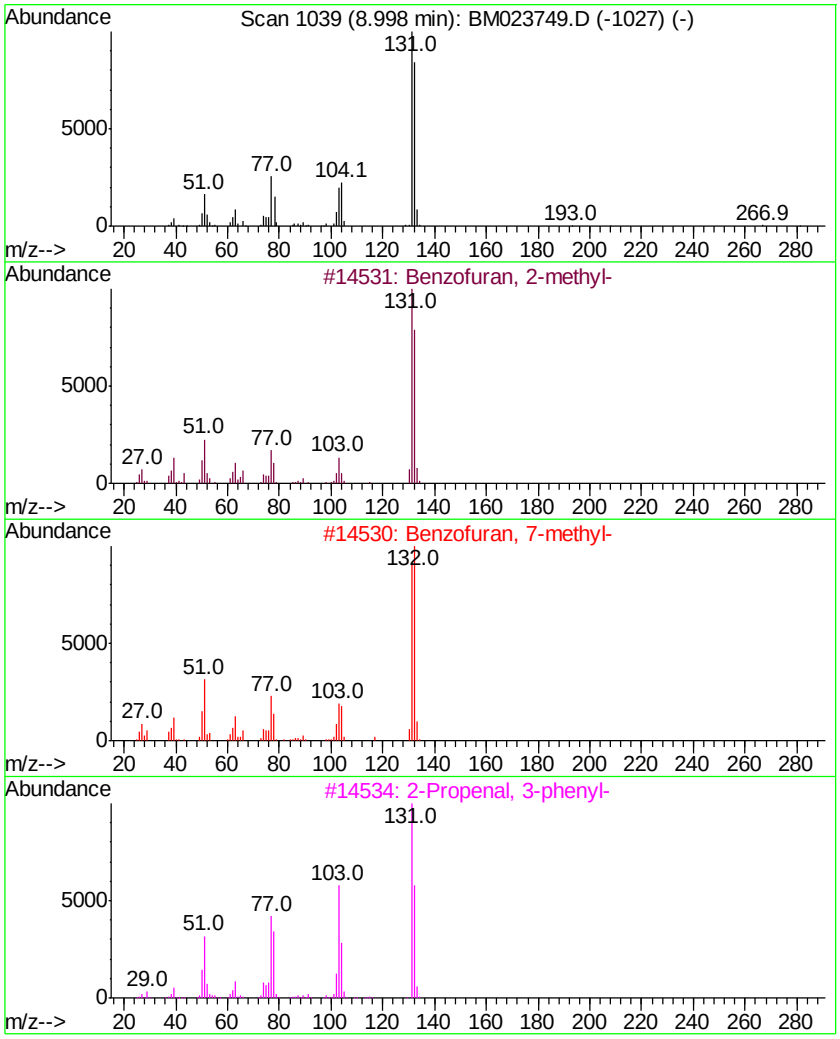
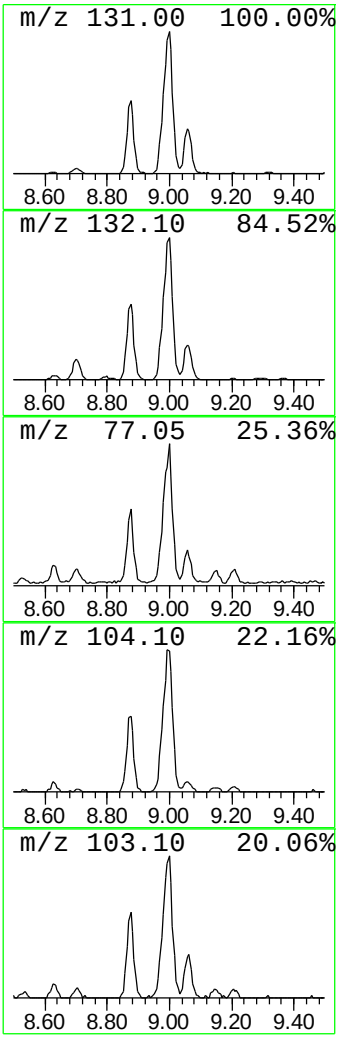
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	5.83 ng/ul	892378	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

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Quant Title : SVOA CALIBRATION

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

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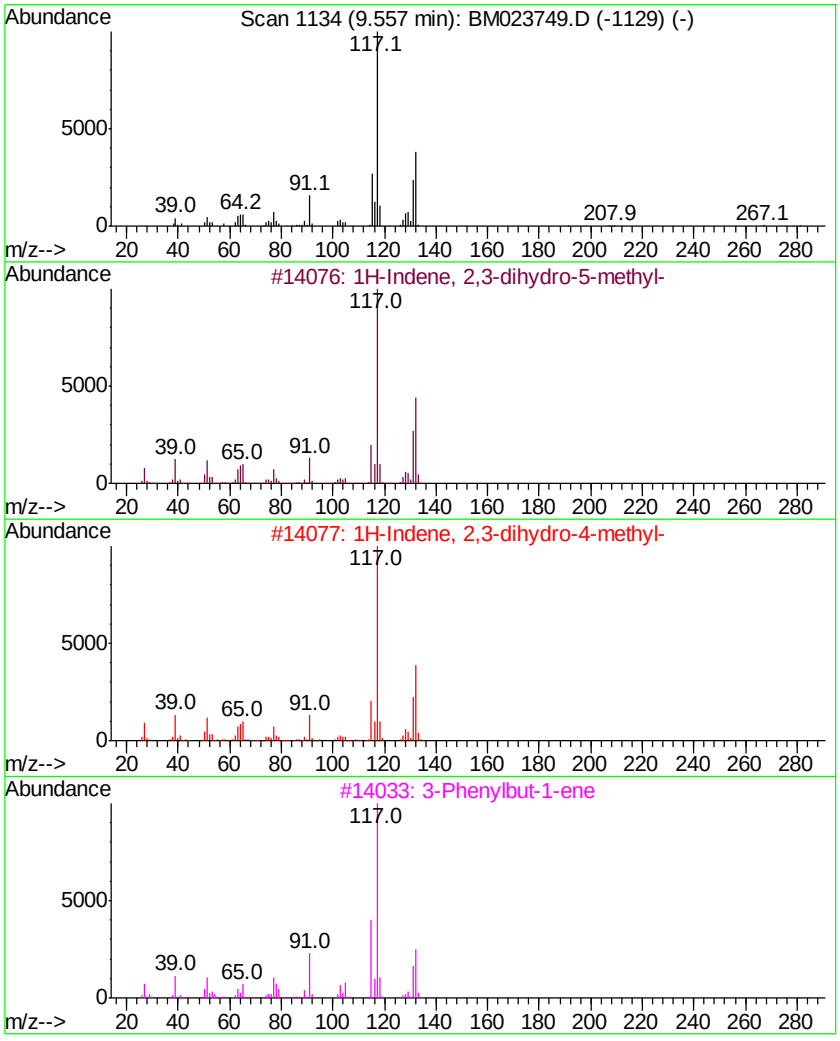
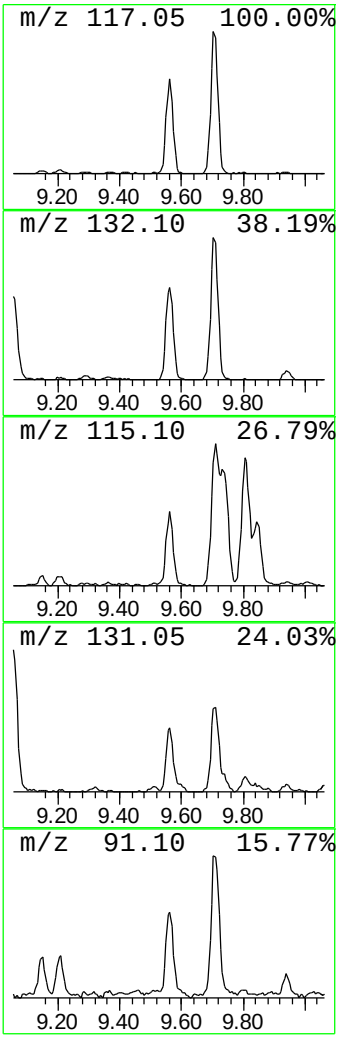
Peak Number 11 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.36 ng/ul	361043	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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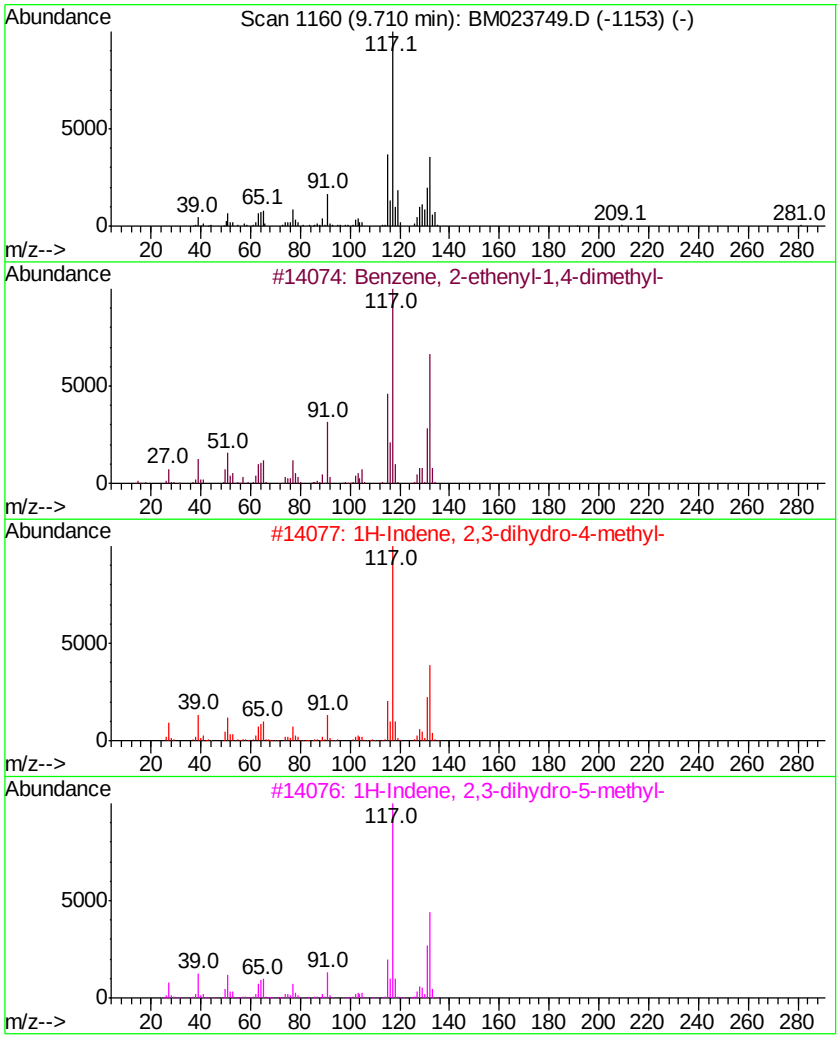
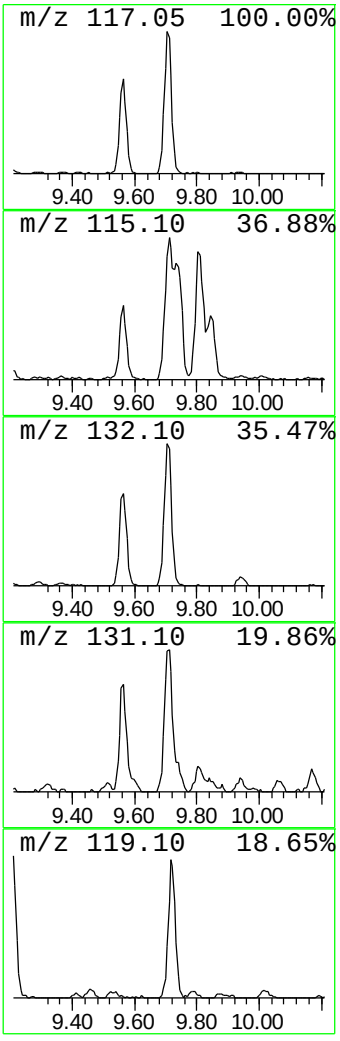
Peak Number 12 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	6.60 ng/ul	1009880	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





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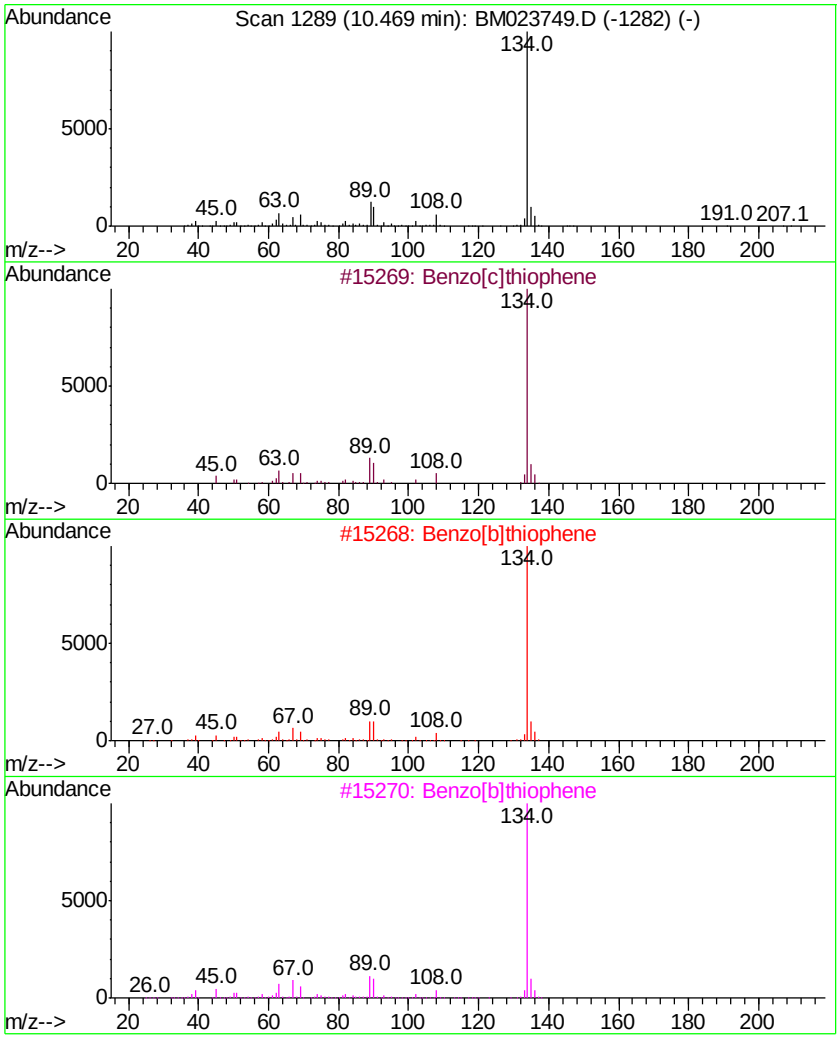
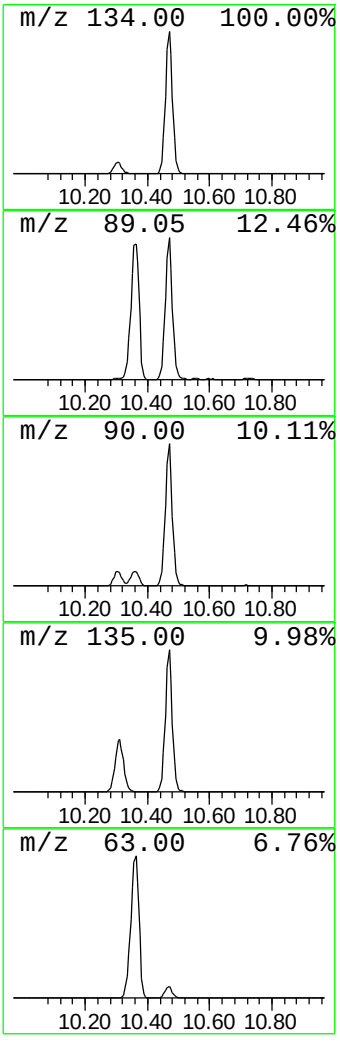
Peak Number 13 Benzo[c]thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	23.04 ng/ul	3526320	Naphthalene-d8	10.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





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Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	41.38 ng/ul	6331800	Naphthalene-d8	10.30

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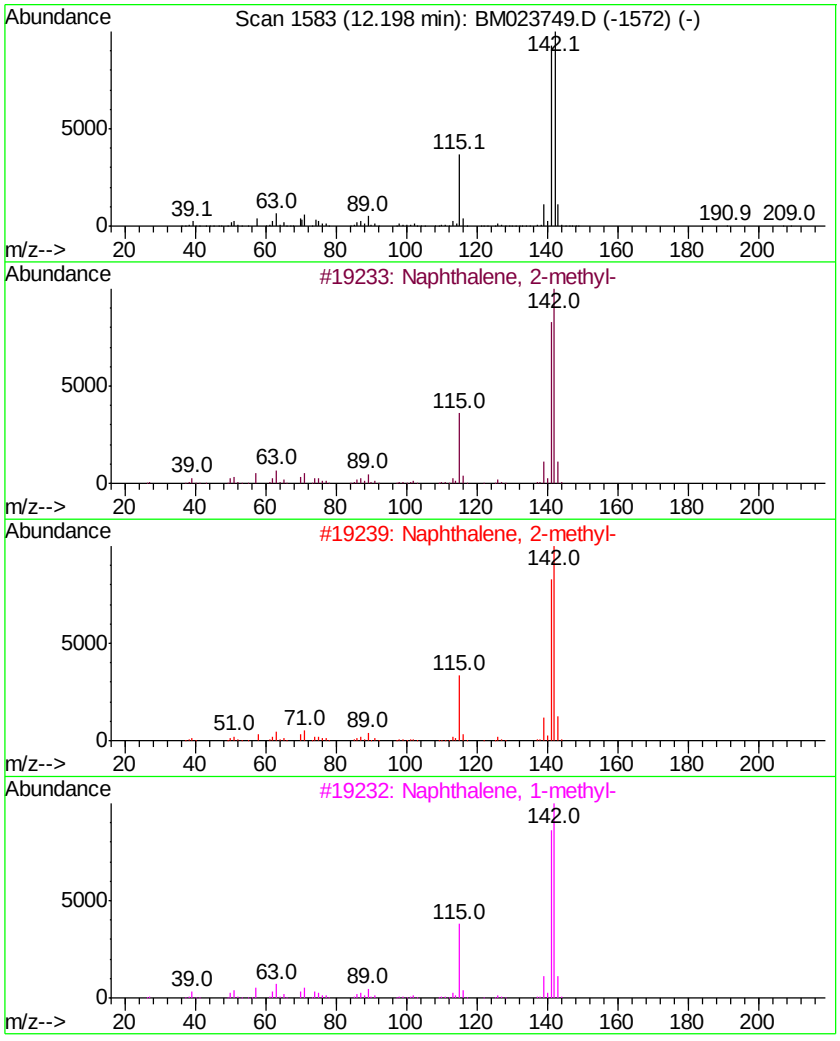

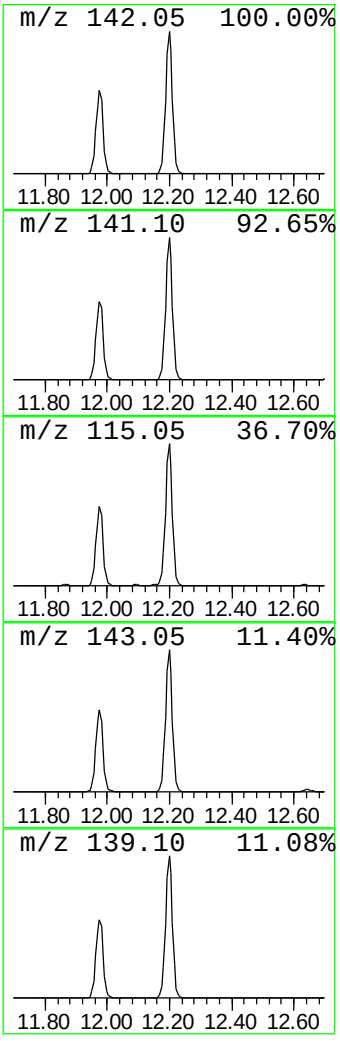

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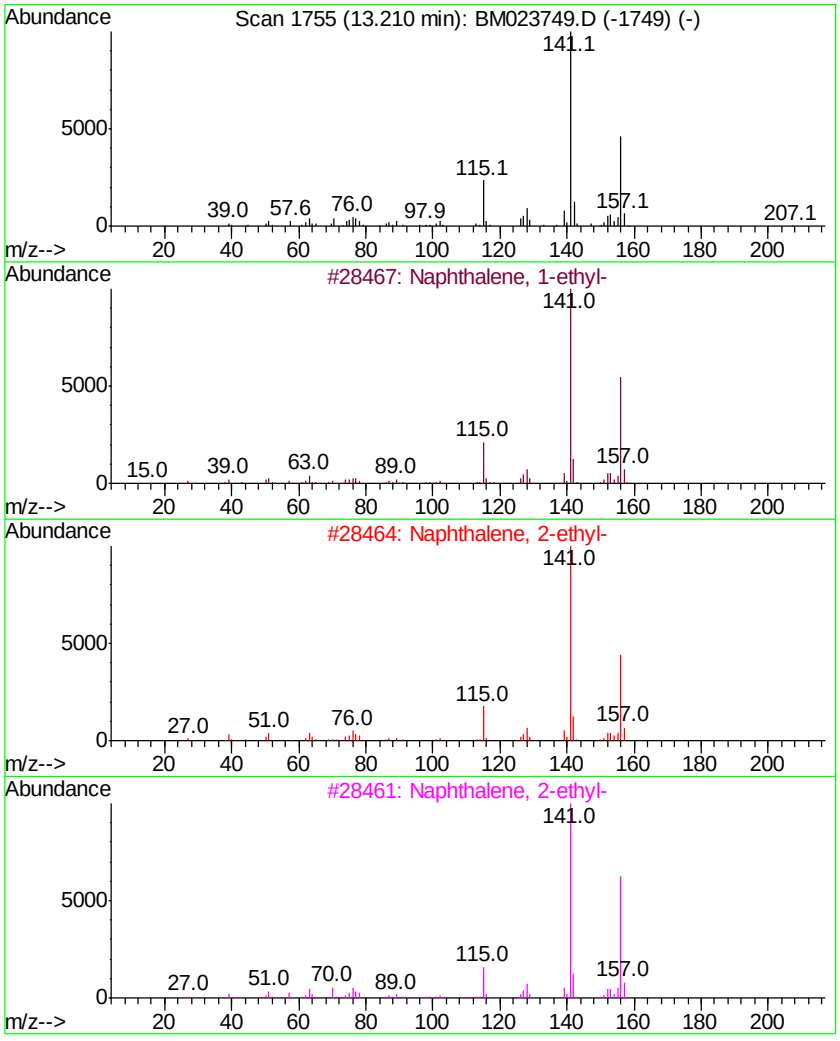
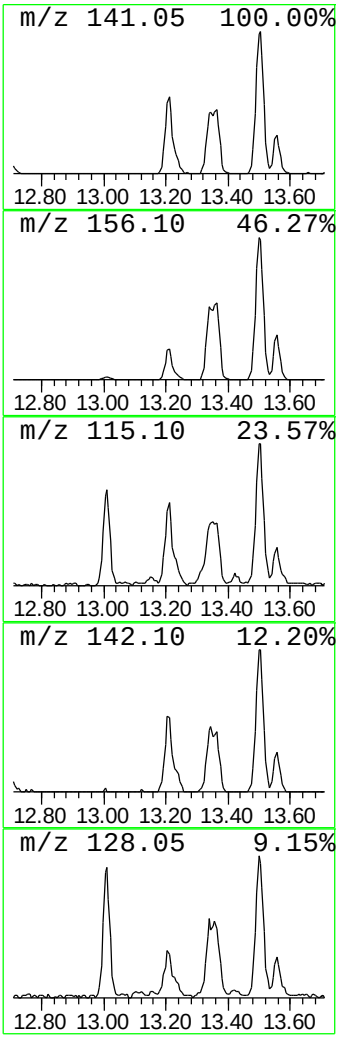
Peak Number 15 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.07 ng/ul	441327	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





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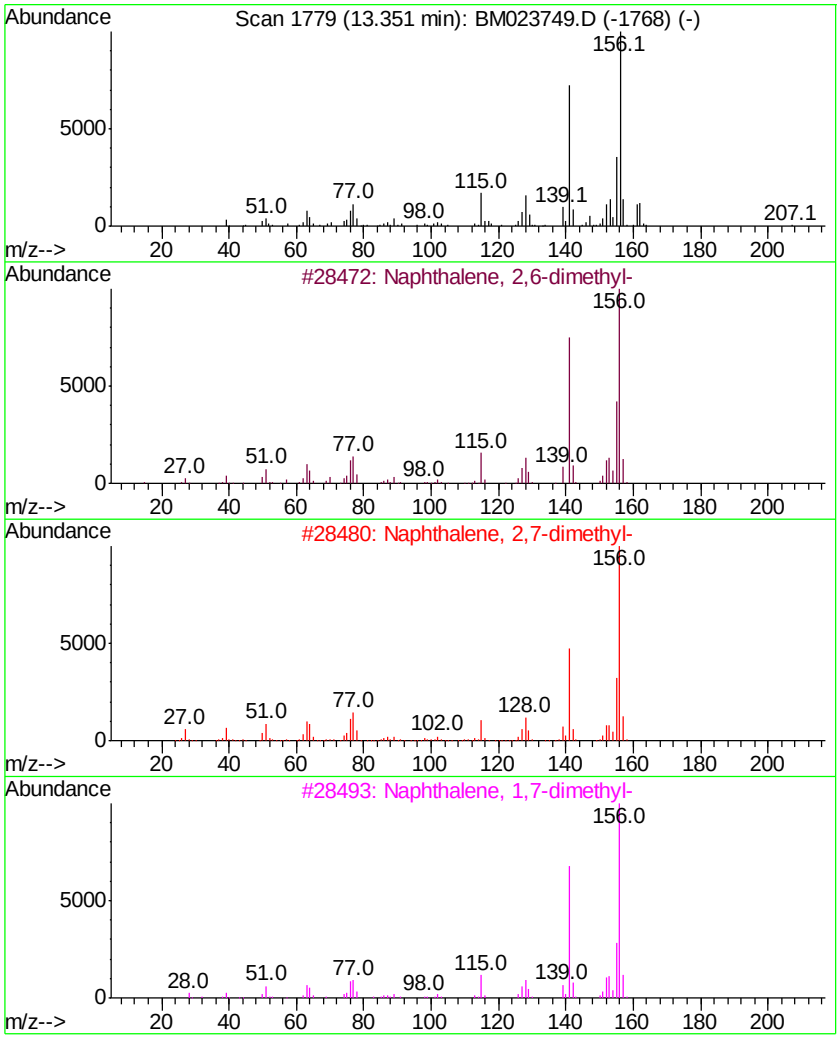
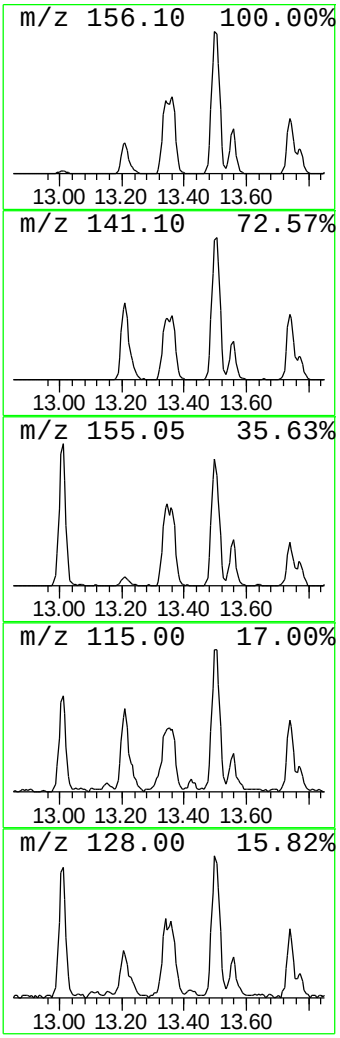
Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	2.71 ng/ul	577755	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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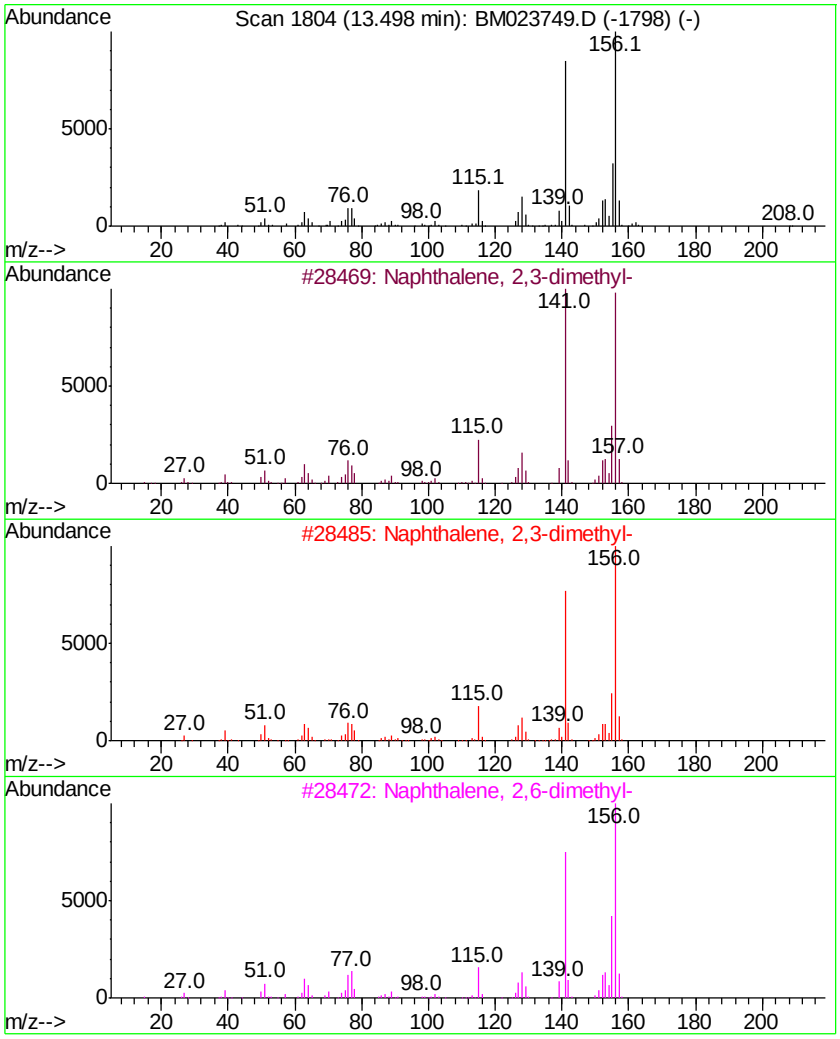
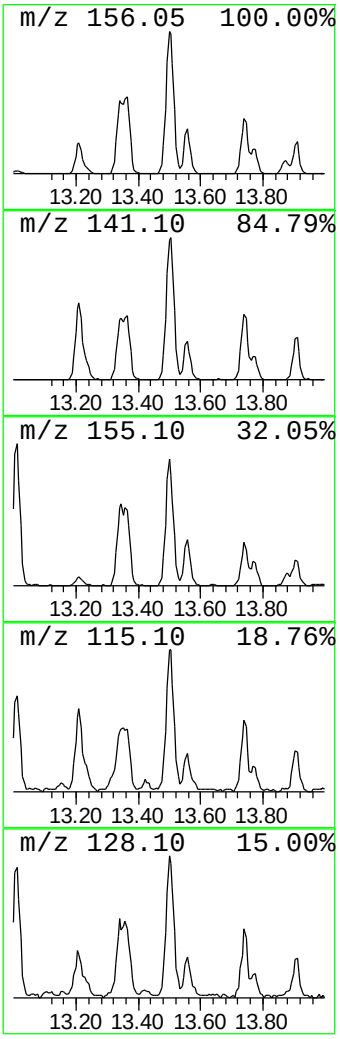
Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	5.39 ng/ul	1150210	Acenaphthene-d10	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Acq On : 15 Nov 2019 11:24
Operator : JU
Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

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Quant Title : SVOA CALIBRATION

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

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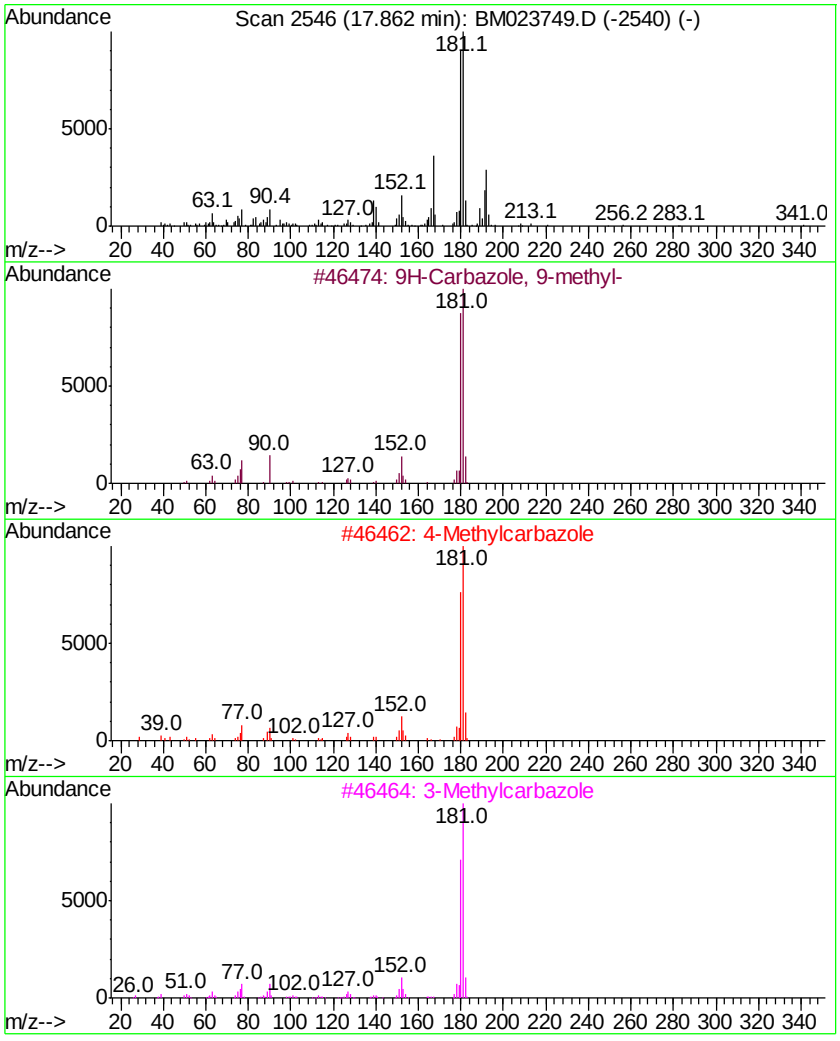
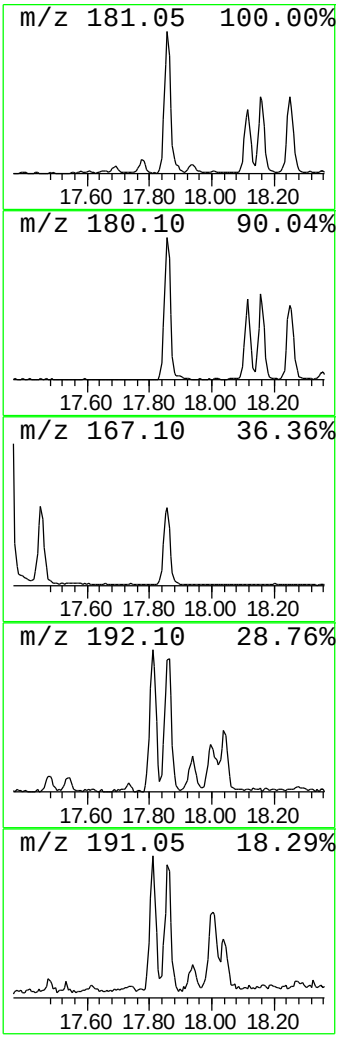
Peak Number 18 9H-Carbazole, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.73 ng/ul	684772	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	97
2	4-Methylcarbazole	181	C13H11N	003770-48-7	93
3	3-Methylcarbazole	181	C13H11N	004630-20-0	91
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	86
5	3-Methylcarbazole	181	C13H11N	004630-20-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023749.D
Acq On : 15 Nov 2019 11:24
Operator : JU
Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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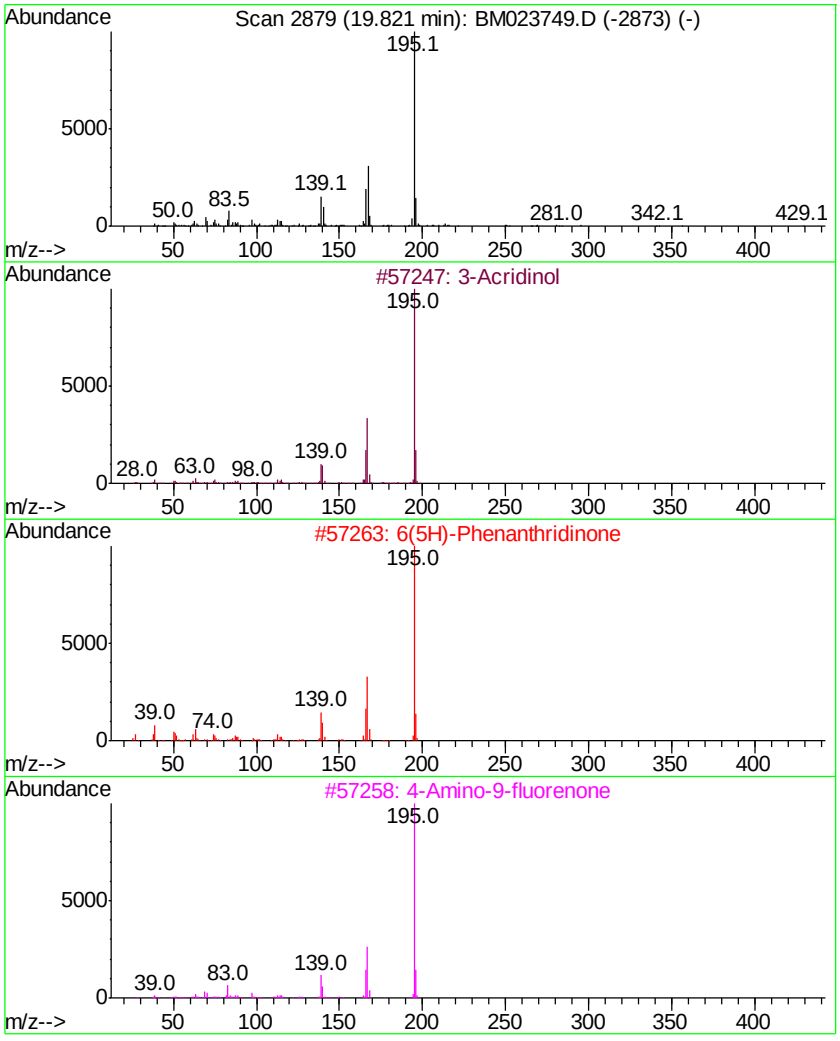
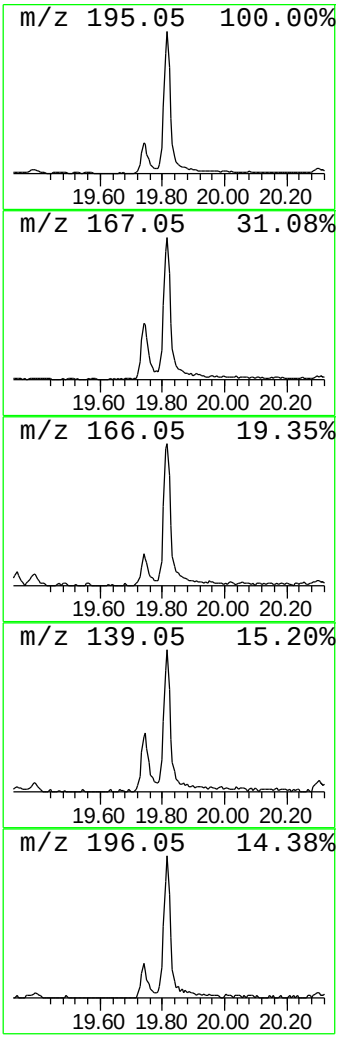
Peak Number 19 3-Acridinol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	2.06 ng/ul	593646	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acridinol	195	C13H9NO	007132-70-9	96
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111419\
Data File : BM023749.D
Acq On : 15 Nov 2019 11:24
Operator : JU
Sample : K5700-15DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEGY7DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
Ethylbenzene	5.07	2.7	ng/ul	289031	1	7.53	2150010	20.0
p-Xylene	5.20	3.4	ng/ul	360811	1	7.53	2150010	20.0
o-Xylene	5.56	2.2	ng/ul	240044	1	7.53	2150010	20.0
Benzene, 1,2,3-tr...	6.76	3.9	ng/ul	415436	1	7.53	2150010	20.0
Benzene, 1,2,4-tr...	7.18	9.1	ng/ul	976851	1	7.53	2150010	20.0
Mesitylene	7.64	3.2	ng/ul	342616	1	7.53	2150010	20.0
Benzene, cyclopro...	7.89	33.0	ng/ul	3547910	1	7.53	2150010	20.0
Indene	8.06	8.2	ng/ul	882586	1	7.53	2150010	20.0
Cinnamaldehyde, (E)-	8.87	3.3	ng/ul	359008	1	7.53	2150010	20.0
Benzofuran, 2-met...	9.00	5.8	ng/ul	892378	2	10.30	3060460	20.0
1H-Indene, 2,3-di...	9.56	2.4	ng/ul	361043	2	10.30	3060460	20.0
Benzene, 2-etheny...	9.71	6.6	ng/ul	1009880	2	10.30	3060460	20.0
Benzo[c]thiophene	10.47	23.0	ng/ul	3526320	2	10.30	3060460	20.0
Naphthalene, 1-me...	12.20	41.4	ng/ul	6331800	2	10.30	3060460	20.0
Naphthalene, 1-et...	13.21	2.1	ng/ul	441327	3	14.18	4266000	20.0
Naphthalene, 2,6-...	13.35	2.7	ng/ul	577755	3	14.18	4266000	20.0
Naphthalene, 2,3-...	13.50	5.4	ng/ul	1150210	3	14.18	4266000	20.0
9H-Carbazole, 9-m...	17.86	2.7	ng/ul	684772	4	16.93	5020990	20.0
3-Acridinol	19.82	2.1	ng/ul	593646	5	21.13	5757220	20.0