LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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	3.075	13	15	23	rVB	26663	41498	0.87%	0.060%
2	3.164	27	30	39	rVB	23100	37209	0.78%	0.054%
3	3.275	45	49	50	rBV	47191	53701	1.13%	0.078%
4	3.305	50	54	69	rVV	1424398	1885453	39.66%	2.740%
5	3.734	122	127	134	rBV	152702	196947	4.14%	0.286%
6	4.005	166	173	190	rVB	428152	682889	14.36%	0.992%
7	4.152	195	198	206	rVB	25064	37835	0.80%	0.055%
8	4.269	213	218	225	rBV	339366	450221	9.47%	0.654%
9	4.340	226	230	240	rVB2	42303	71353	1.50%	0.104%
10	4.446	243	248	256	rBV	424764	586844	12.34%	0.853%
11	4.516	256	260	276	rVB	22769	44392	0.93%	0.065%
12	4.899	318	325	333	rBV	535700	756638	15.91%	1.100%
13	5.322	392	397	405	rVV	419710	631884	13.29%	0.918%
14	5.399	405	410	414	rVV	23364	34575	0.73%	0.050%
15	5.458	414	420	437	rVB	880009	1943331	40.87%	2.824%
16	5.763	468	472	476	rVV	72322	101098	2.13%	0.147%
17	5.822	476	482	490	rVB	953142	1453396	30.57%	2.112%
18	6.305	558	564	573	rVB	45056	71812	1.51%	0.104%
19	6.793	639	647	656	rBV	129324	202107	4.25%	0.294%
20	6.899	659	665	670	rVV	462028	672936	14.15%	0.978%
21	6.963	670	676	683	rVV2	390894	685108	14.41%	0.996%
22	7.034	683	688	695	rVB	292684	436709	9.19%	0.635%
23	7.134	699	705	711	rVV	475161	754767	15.87%	1.097%
24	7.199	711	716	723	rVB	301284	457453	9.62%	0.665%
25	7.334	732	739	748	rBV	559445	892605	18.77%	1.297%
26	7.457	748	760	769	rVB	1342788	2017812	42.44%	2.932%
27	7.804	812	819	824	rVV	702874	1107143	23.29%	1.609%
28	7.846	824	826	830	rVV2	47185	70939	1.49%	0.103%
29	7.922	833	839	848	rVV	532083	842718	17.72%	1.225%
30	8.181	873	883	889	rVV2	280942	591230	12.44%	0.859%
31	8.240	889	893	898	rVV2	24905	38306	0.81%	0.056%
32	8.299	898	903	907	rVV	54956	83253	1.75%	0.121%
33	8.352	907	912	919	rVV2	104067	195452	4.11%	0.284%
34	8.446	922	928	933	rVV	193282	306903	6.45%	0.446%

LSC Area Percent Report

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Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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-BM092719MA.M
Title : SVOA CALIBRATION

35	8.504	933	938	945	rVV	486900	785924	16.53%	1.142%
36	8.569	945	949	952	rVV	29089	46765	0.98%	0.068%
37	8.610	952	956	965	rVB2	56853	107203	2.25%	0.156%
38	8.757	976	981	986	rBV	108521	168982	3.55%	0.246%
39	8.810	986	990	996	rVB	110245	164797	3.47%	0.239%
40	8.910	998	1007	1010	rBV	232722	362840	7.63%	0.527%
41	8.957	1010	1015	1027	rVV2	639363	1262849	26.56%	1.835%
42	9.157	1040	1049	1058	rVV8	15784	43638	0.92%	0.063%
43	9.240	1058	1063	1069	rVV	62629	106006	2.23%	0.154%
44	9.434	1084	1096	1101	rBV	130661	211301	4.44%	0.307%
45	9.493	1101	1106	1114	rVB	205078	315667	6.64%	0.459%
46	9.675	1130	1137	1144	rBV	510085	858222	18.05%	1.247%
47	9.769	1150	1153	1155	rVV	38863	53943	1.13%	0.078%
48	9.798	1155	1158	1162	rVV3	60760	104584	2.20%	0.152%
49	9.851	1162	1167	1174	rVV	142642	244046	5.13%	0.355%
50	9.998	1181	1192	1201	rBV2	341989	729995	15.35%	1.061%
51	10.075	1201	1205	1215	rVV4	118541	230466	4.85%	0.335%
52	10.216	1222	1229	1238	rVB	899355	1614070	33.95%	2.346%
53	10.298	1238	1243	1250	rVB2	28349	47090	0.99%	0.068%
54	10.463	1265	1271	1275	rVV3	23781	44648	0.94%	0.065%
55	10.516	1276	1280	1283	rVV3	25665	40967	0.86%	0.060%
56	10.593	1283	1293	1298	rVV	1083451	1935806	40.71%	2.813%
57	10.645	1298	1302	1309	rVV	1011419	1641092	34.52%	2.385%
58	10.728	1309	1316	1327	rVV2	642933	1246983	26.23%	1.812%
59	11.257	1402	1406	1414	rVB2	29714	47618	1.00%	0.069%
60	11.422	1430	1434	1438	rVB2	24322	35960	0.76%	0.052%
61	11.510	1445	1449	1458	rVB	41656	70022	1.47%	0.102%
62	11.704	1478	1482	1488	rVB	38983	63257	1.33%	0.092%
63	11.787	1491	1496	1501	rBV2	21686	35317	0.74%	0.051%
64	11.928	1509	1520	1525	rBV5	20631	44769	0.94%	0.065%
65	11.987	1525	1530	1542	rVB2	29876	51725	1.09%	0.075%
66	12.128	1542	1554	1556	rBV2	37111	66404	1.40%	0.097%
67	12.257	1568	1576	1584	rBV	541362	814567	17.13%	1.184%
68	12.475	1601	1613	1619	rVB	306797	525621	11.06%	0.764%
69	13.275	1745	1749	1754	rVV2	44200	70929	1.49%	0.103%
70	13.345	1756	1761	1767	rVV	84351	137056	2.88%	0.199%
71	13.469	1777	1782	1784	rBV	20781	31723	0.67%	0.046%

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Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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-BM092719MA.M
Title : SVOA CALIBRATION

72	13.492	1784	1786	1792	rVB4	30014	39572	0.83%	0.058%
73	13.604	1799	1805	1815	rVB5	48532	115980	2.44%	0.169%
74	13.757	1825	1831	1836	rBV	68531	124833	2.63%	0.181%
75	13.845	1836	1846	1851	rVV	1684005	2402864	50.54%	3.492%
76	13.892	1851	1854	1865	rVB	302313	407984	8.58%	0.593%
77	13.998	1865	1872	1875	rBV	28047	47659	1.00%	0.069%
78	14.128	1883	1894	1904	rBV	1873317	2905703	61.11%	4.223%
79	14.439	1937	1947	1954	rBV	1772741	2592707	54.53%	3.768%
80	14.498	1954	1957	1964	rVB	31389	48375	1.02%	0.070%
81	14.628	1972	1979	1986	rBV	154426	260341	5.48%	0.378%
82	14.781	1997	2005	2010	rVB7	17671	36298	0.76%	0.053%
83	14.845	2010	2016	2022	rVB3	36405	74929	1.58%	0.109%
84	15.057	2045	2052	2057	rVB6	14769	34962	0.74%	0.051%
85	15.204	2073	2077	2084	rBV2	49307	95373	2.01%	0.139%
86	15.428	2106	2115	2121	rBV	2450551	3619728	76.13%	5.260%
87	15.480	2121	2124	2129	rVV	50466	75103	1.58%	0.109%
88	15.545	2129	2135	2142	rVV	702921	1027495	21.61%	1.493%
89	15.669	2148	2156	2166	rVB6	41727	118305	2.49%	0.172%
90	17.180	2406	2413	2417	rBV2	2005081	2951327	62.07%	4.289%
91	17.222	2417	2420	2423	rVV	102304	133891	2.82%	0.195%
92	17.274	2423	2429	2440	rVB	2876842	3968867	83.48%	5.768%
93	17.574	2475	2480	2486	rVB	75690	124449	2.62%	0.181%
94	18.074	2561	2565	2574	rBV2	159900	226551	4.76%	0.329%
95	18.939	2708	2712	2716	rBV	89880	117555	2.47%	0.171%
96	19.357	2780	2783	2790	rVB	89530	110812	2.33%	0.161%
97	19.568	2813	2819	2831	rBV	3475918	4754531	100.00%	6.910%
98	21.357	3118	3123	3128	rBV	2497775	3119569	65.61%	4.534%
99	23.480	3477	3484	3497	rVB	1950481	3817763	80.30%	5.548%
100	23.621	3502	3508	3520	rVB	1371608	2658444	55.91%	3.863%

Sum of corrected areas: 68811339

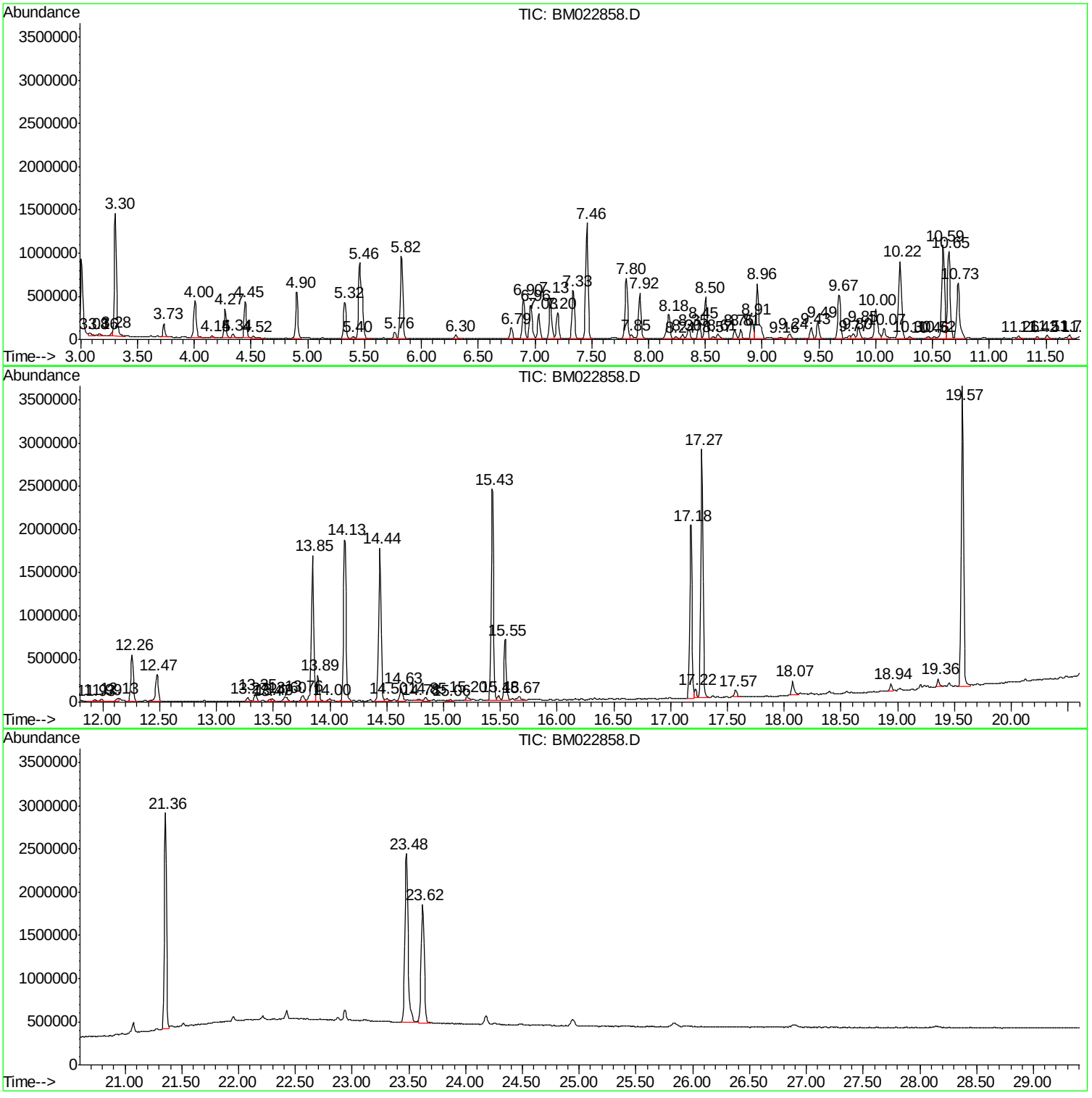
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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



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Instrument : BNA_M
ClientSampleId : BFDF1

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

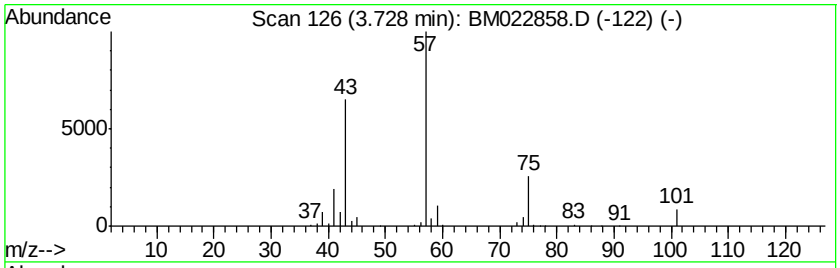
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

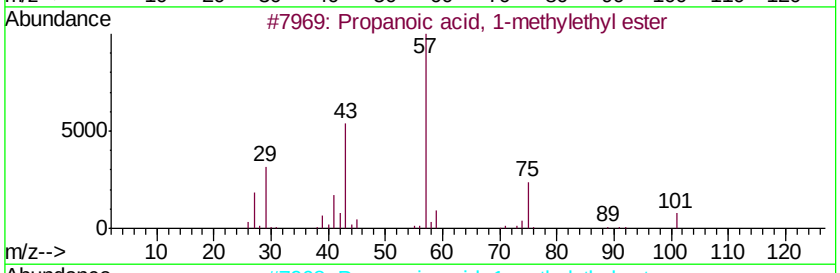
****

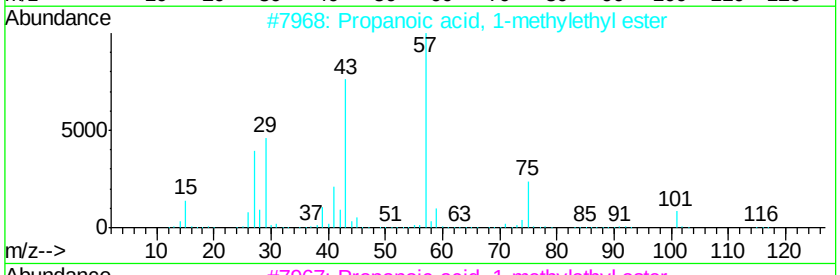
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 17

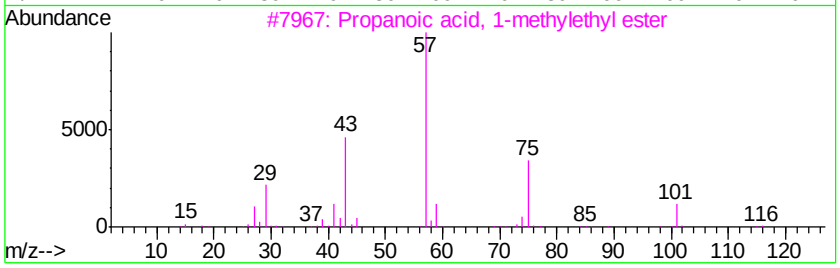
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.56 ng/ul	196947	1,4-Dichlorobenzene-d4	7.80

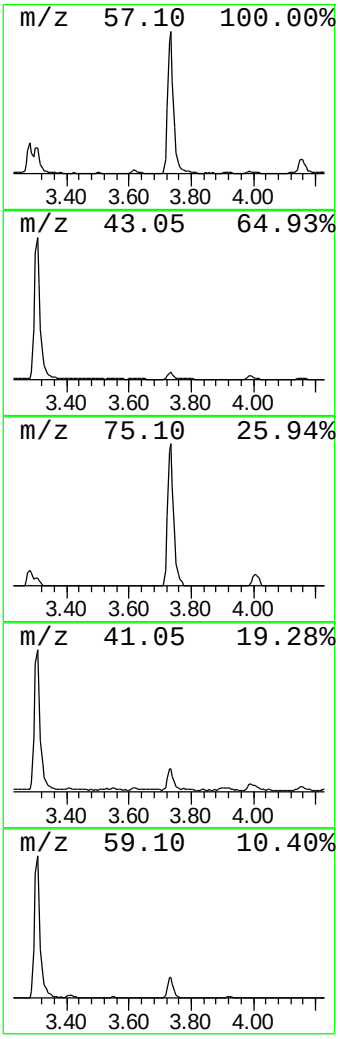
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	45











Library Search Compound Report

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Data File : BM022858.D
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Misc :
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Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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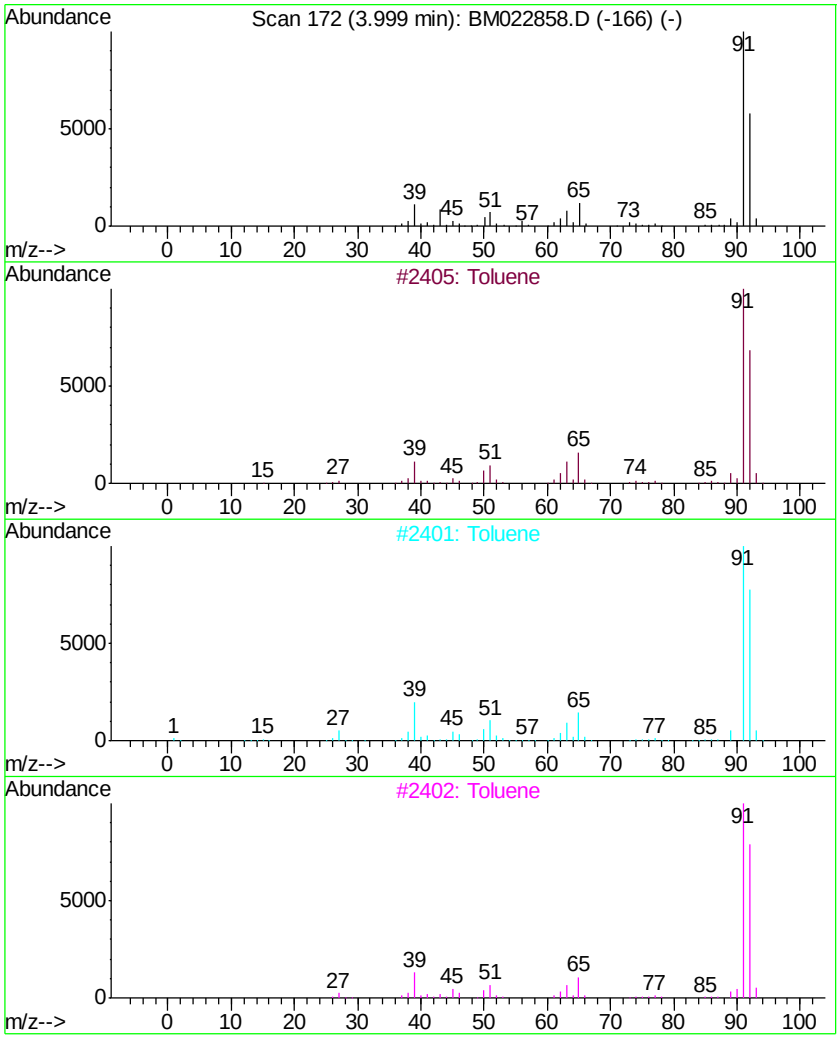
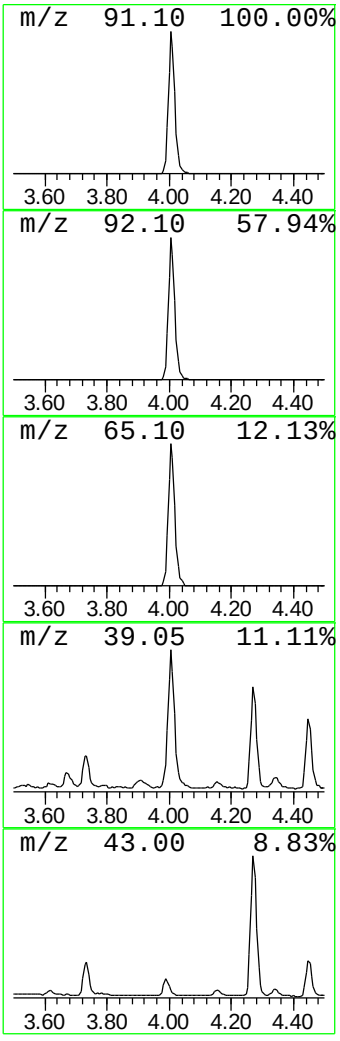
Peak Number 2 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	12.34 ng/ul	682889	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	87





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Quant Title : SVOA CALIBRATION

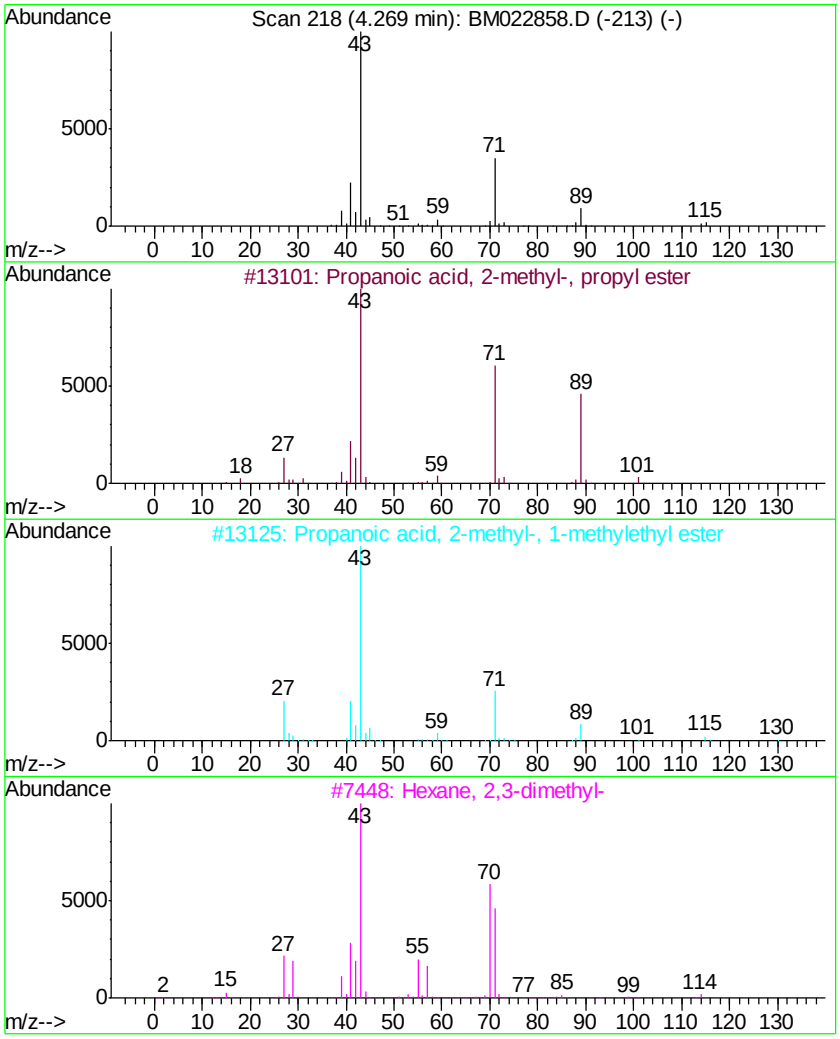
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

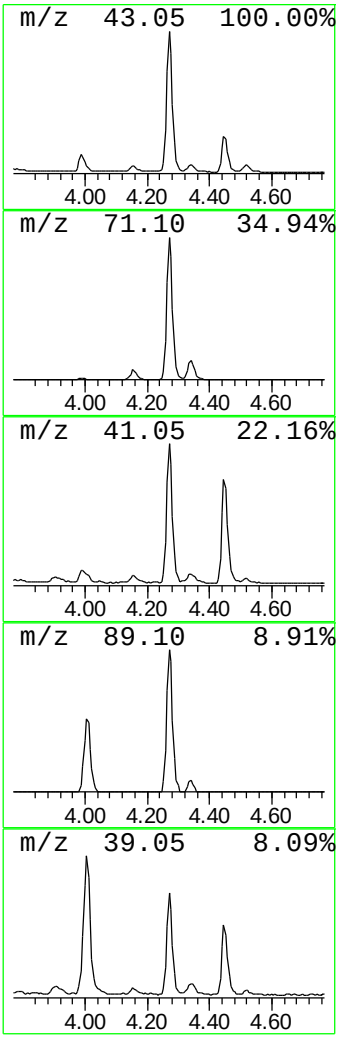
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	8.13 ng/ul	450221	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	59
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45





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Instrument : BNA_M
ClientSampleId : BFDF1

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

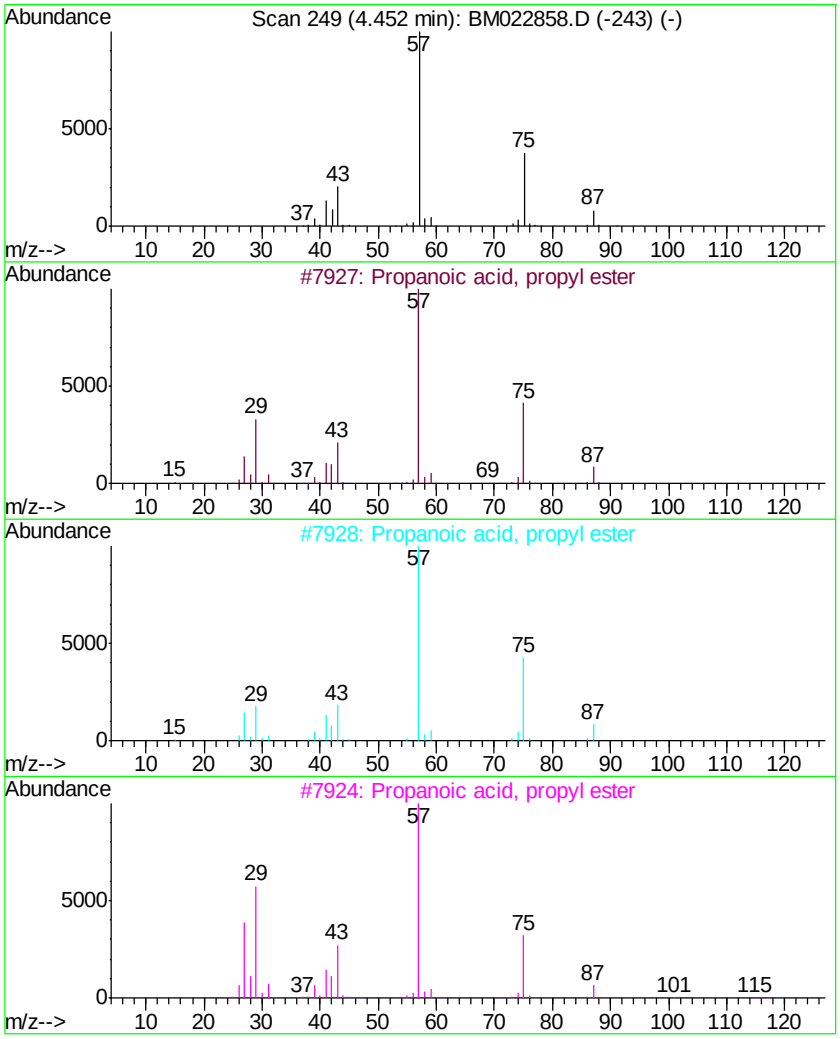
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

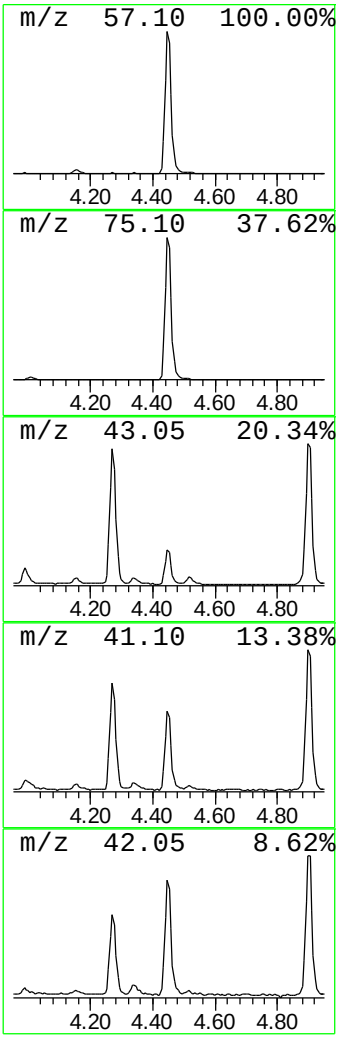
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	10.60 ng/ul	586844	1,4-Dichlorobenzene-d4	7.80

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	64
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	59
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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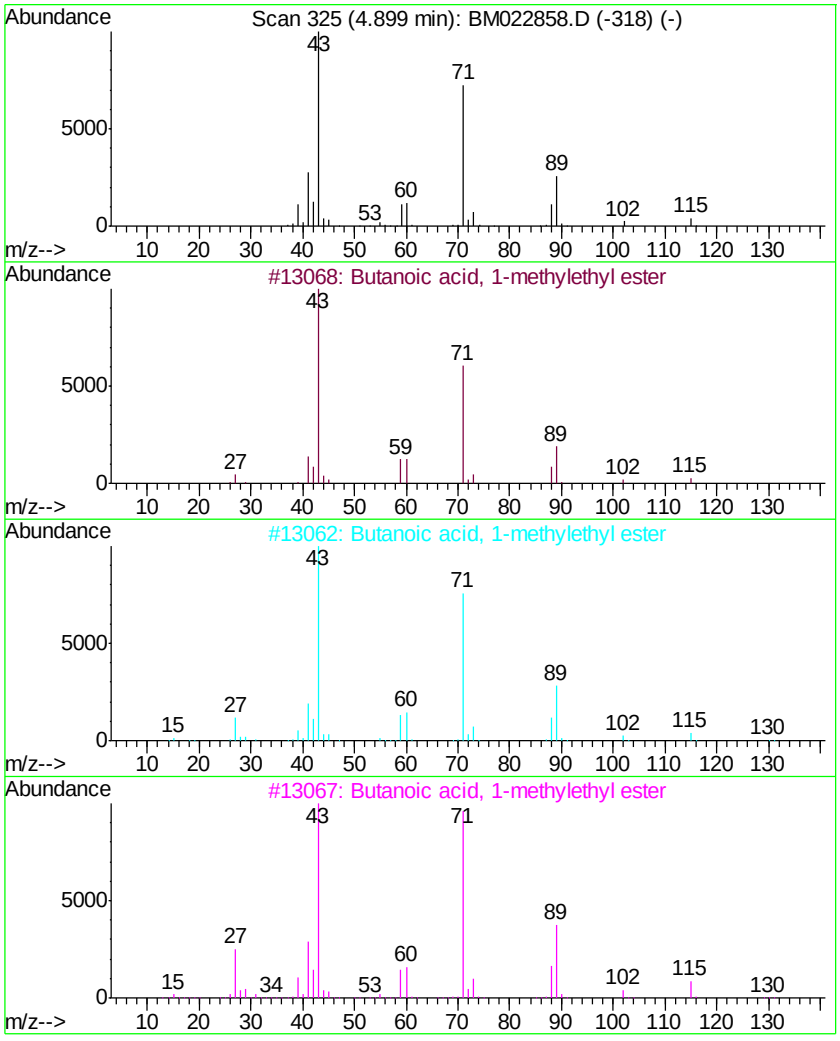
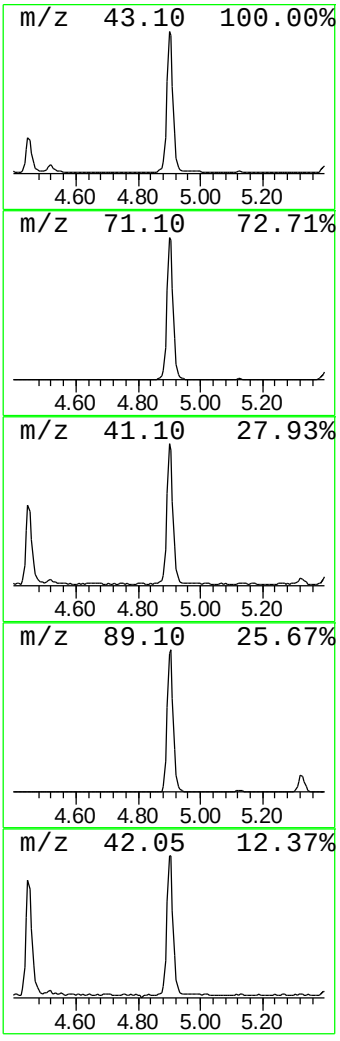
Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	13.67 ng/ul	756638	1,4-Dichlorobenzene-d4	7.80

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	78
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56





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Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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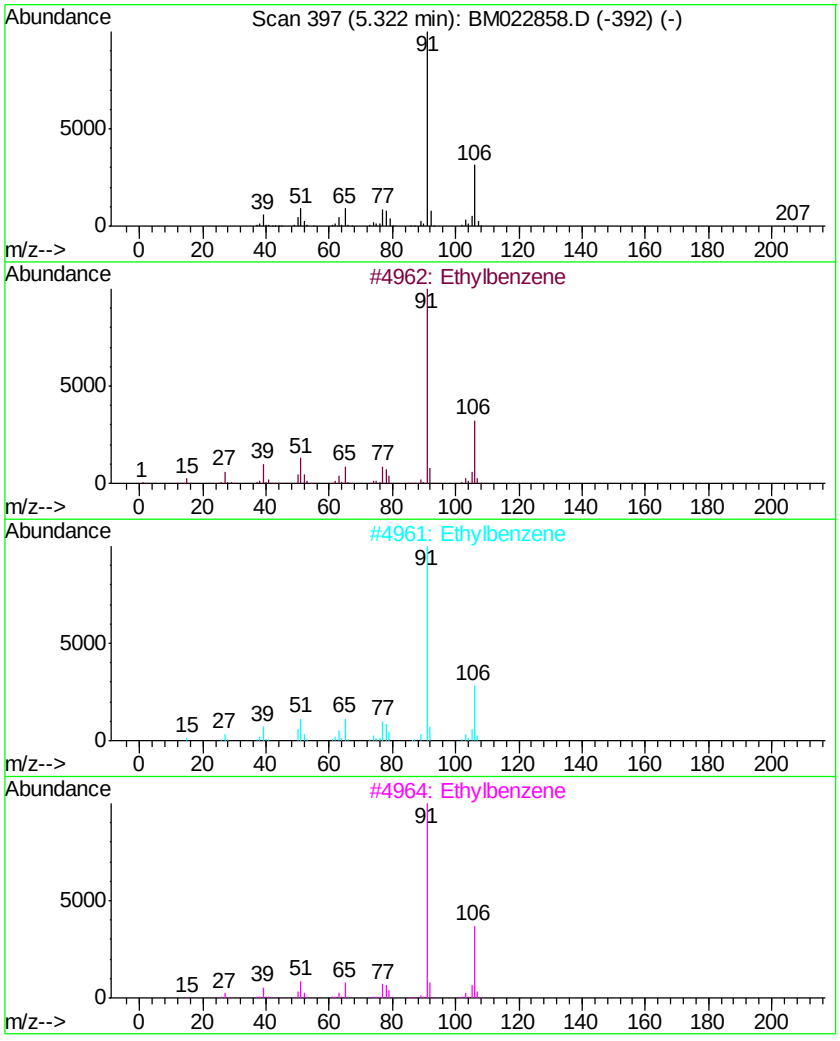
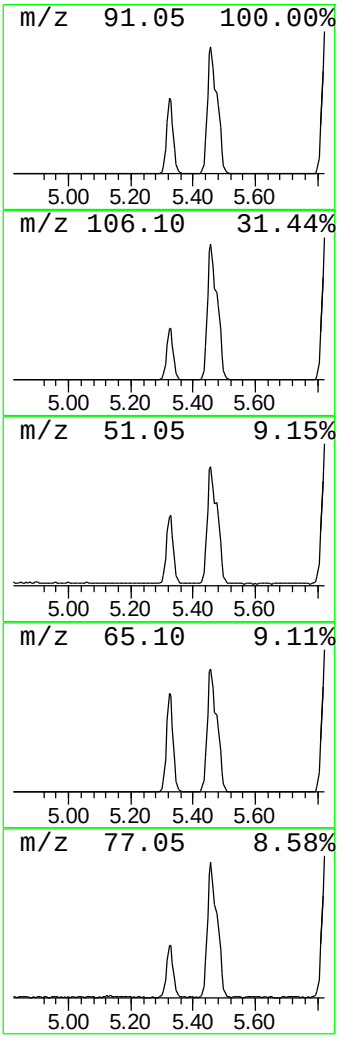
Peak Number 6 Ethylbenzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	11.41 ng/ul	631884	1,4-Dichlorobenzene-d4	7.80

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	90
4	p-Xylene	106	C8H10	000106-42-3	72
5	p-Xylene	106	C8H10	000106-42-3	72





Library Search Compound Report

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Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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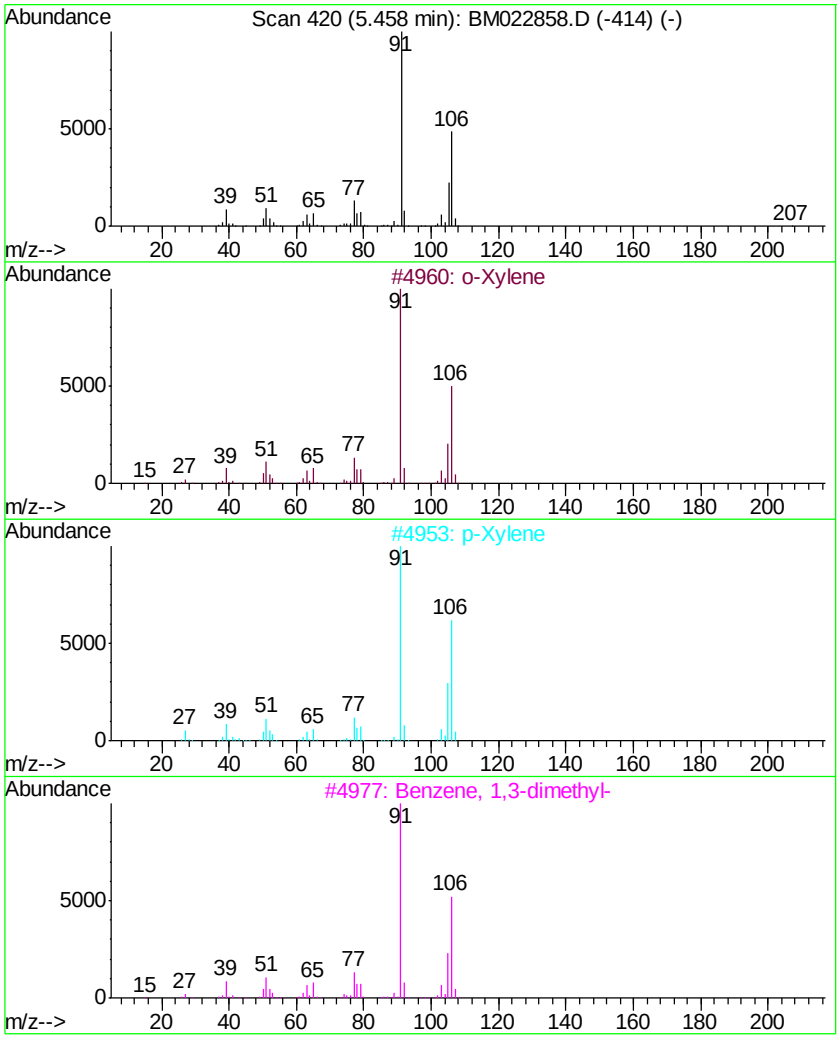
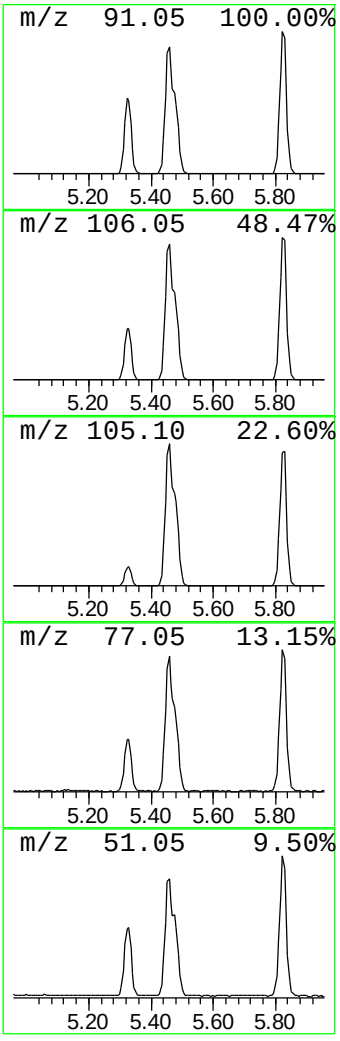
Peak Number 7 o-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	35.11 ng/ul	1943330	1,4-Dichlorobenzene-d4	7.80

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	p-Xylene	106	C8H10	000106-42-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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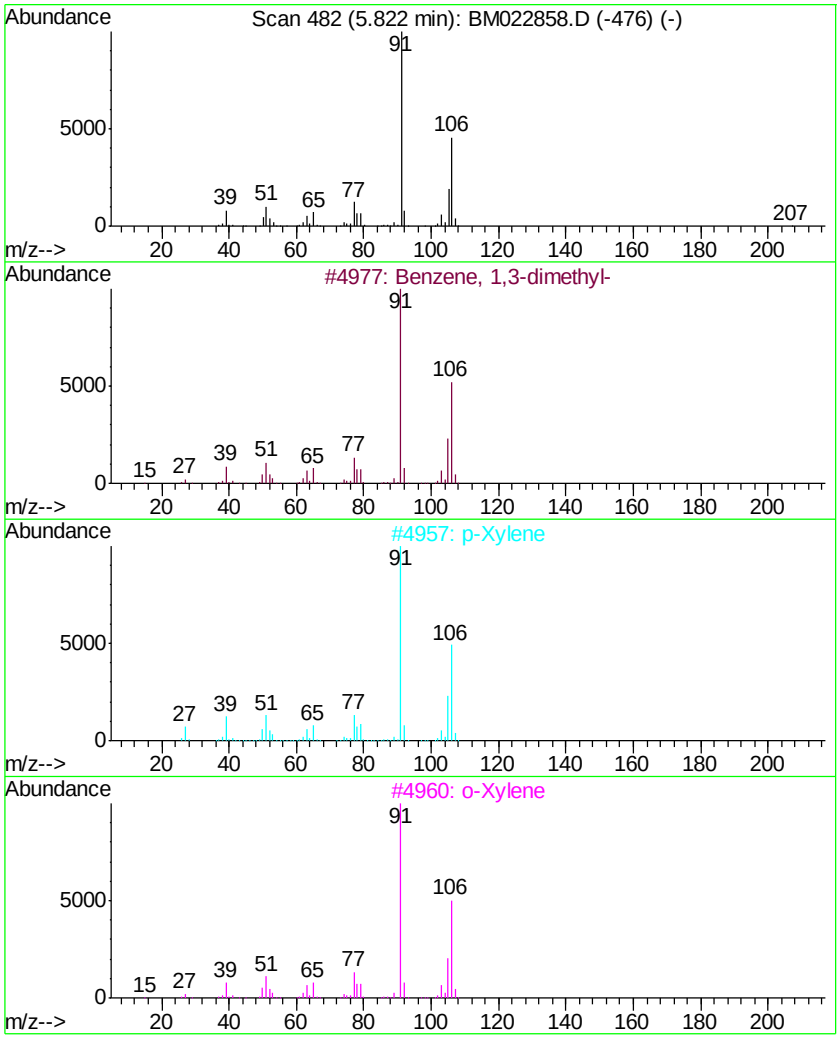
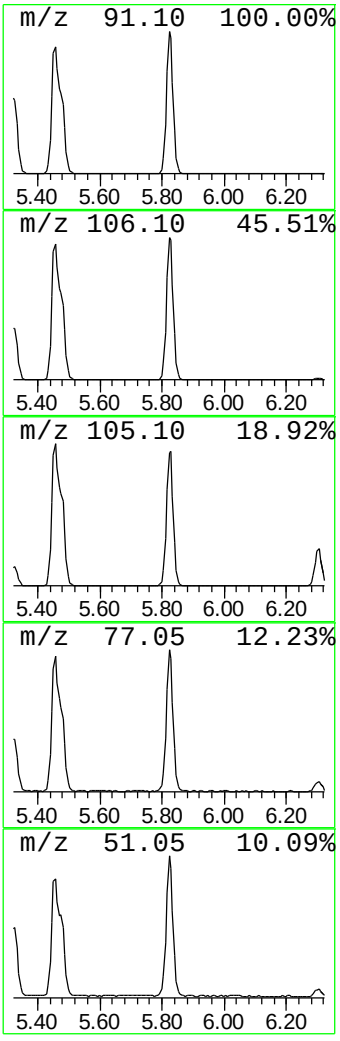
Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	26.25 ng/ul	1453400	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	o-Xylene	106	C8H10	000095-47-6	97
5	o-Xylene	106	C8H10	000095-47-6	94





Library Search Compound Report

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Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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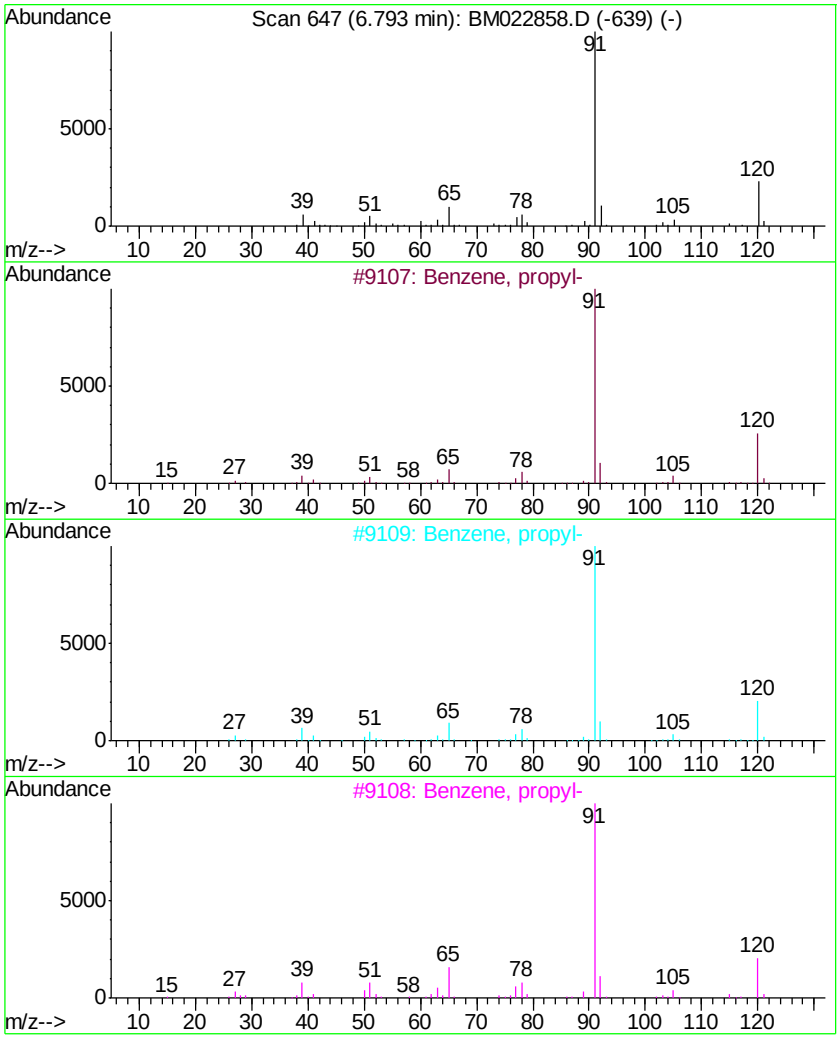
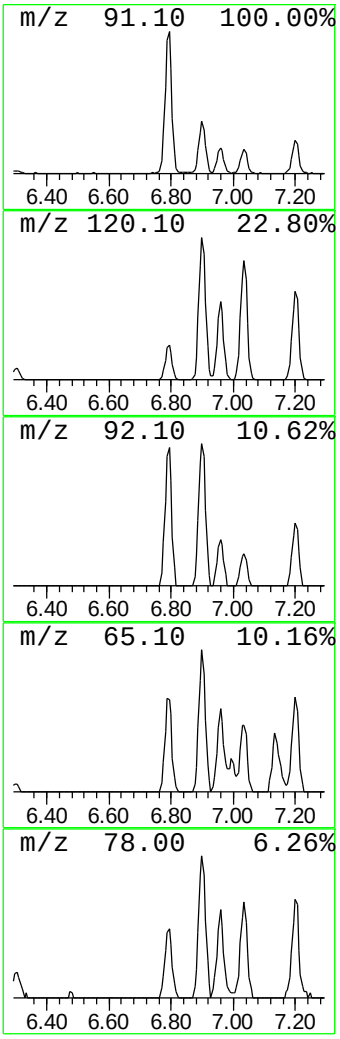
Peak Number 9 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	3.65 ng/ul	202107	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	91
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	72





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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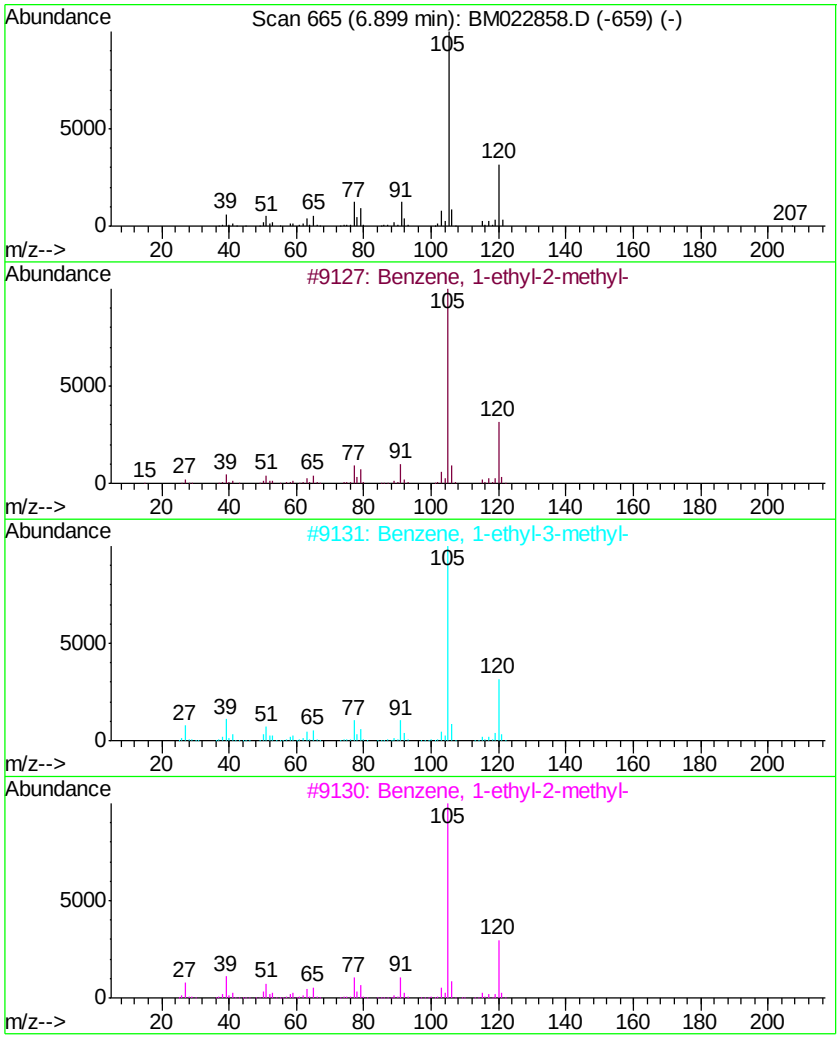
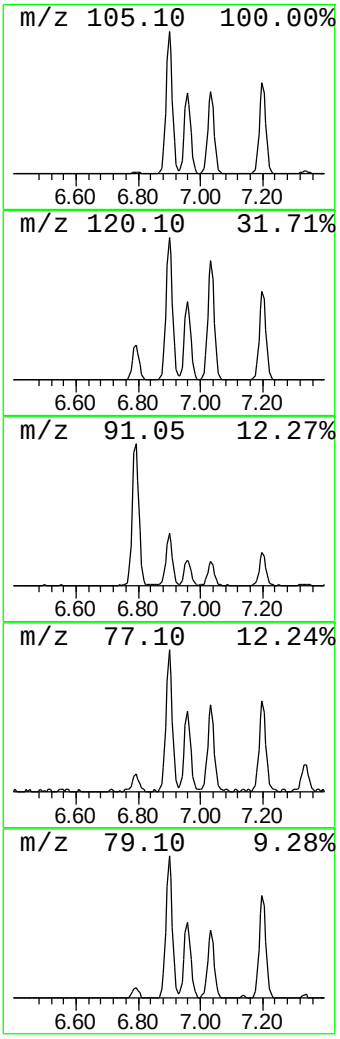
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	12.16 ng/ul	672936	1,4-Dichlorobenzene-d4	7.80

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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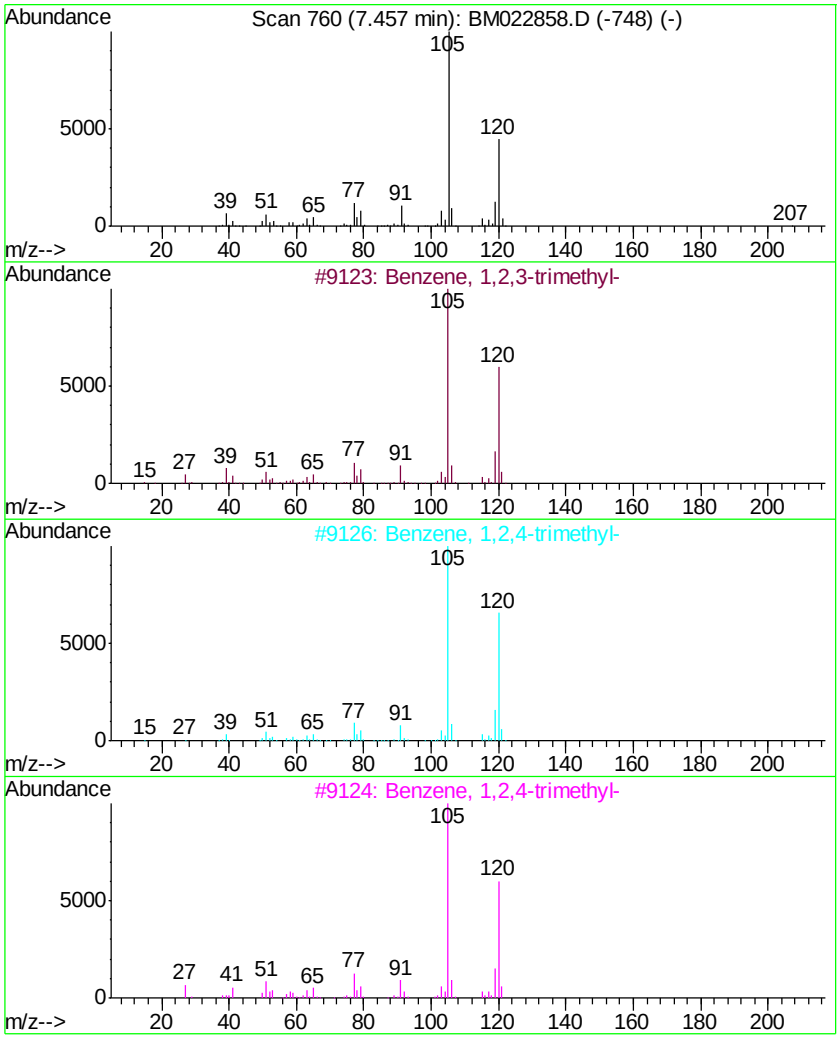
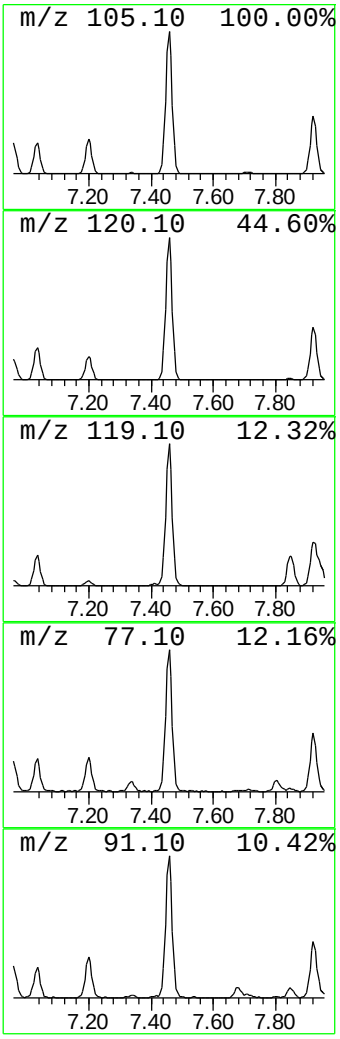
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	36.45 ng/ul	2017810	1,4-Dichlorobenzene-d4	7.80

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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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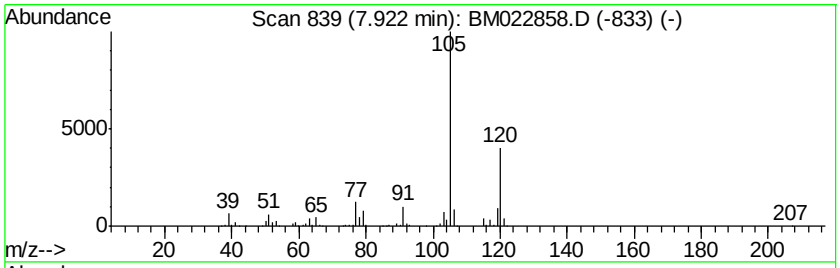
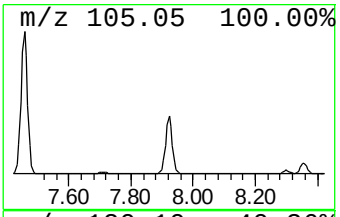
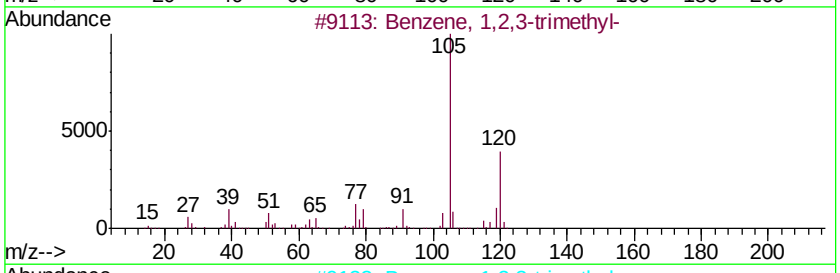
Peak Number 14 Benzene, 1,2,4-trimethyl- Concentration Rank 4

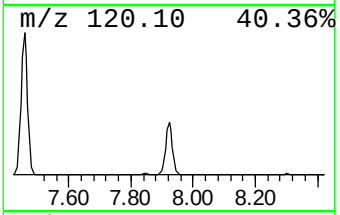
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	15.22 ng/ul	842718	1,4-Dichlorobenzene-d4	7.80

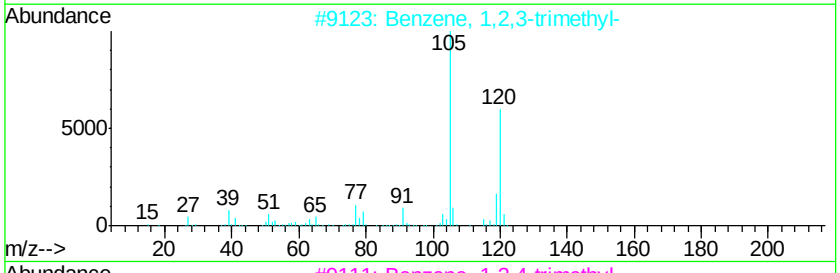
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91

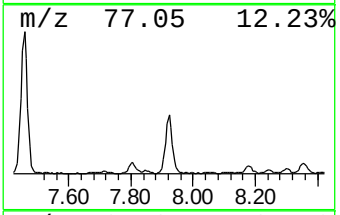


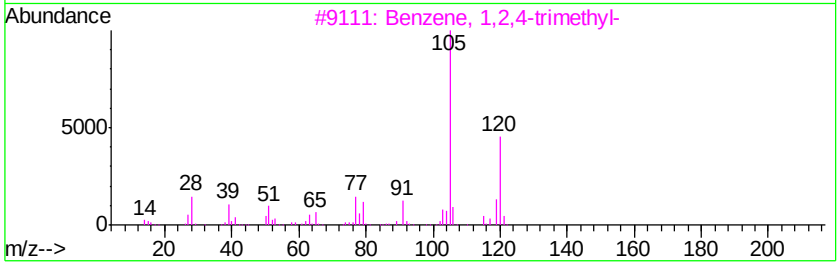


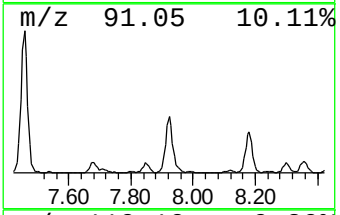


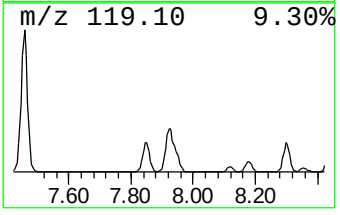












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Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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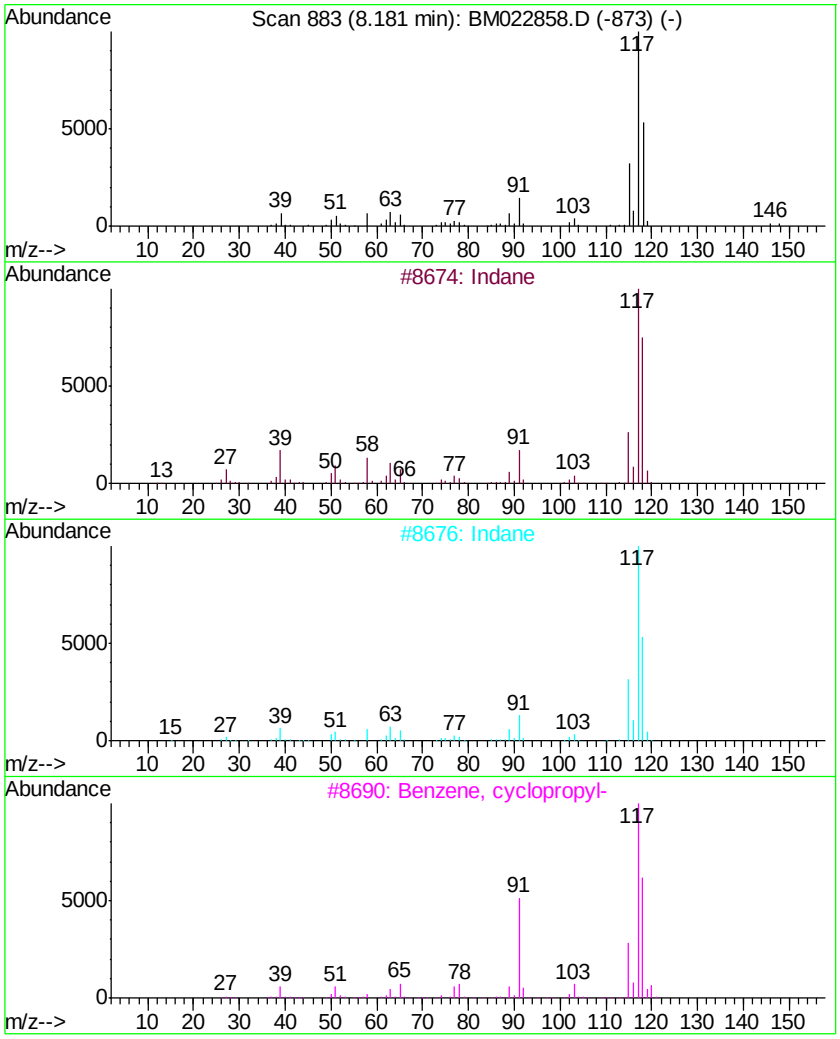
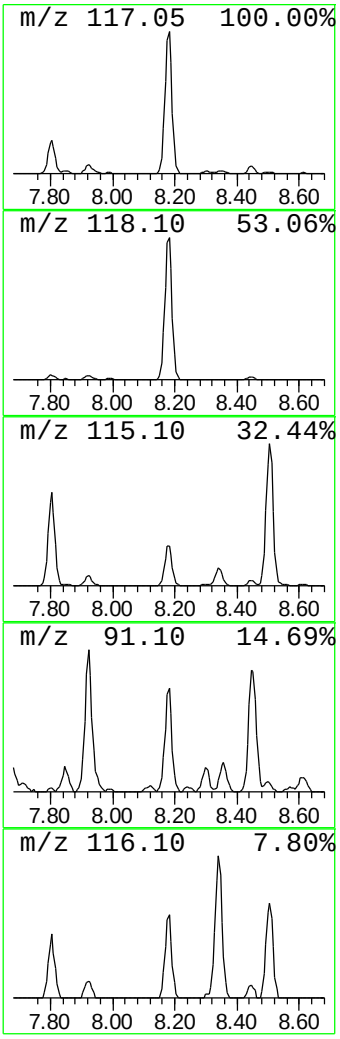
Peak Number 15 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	10.68 ng/ul	591230	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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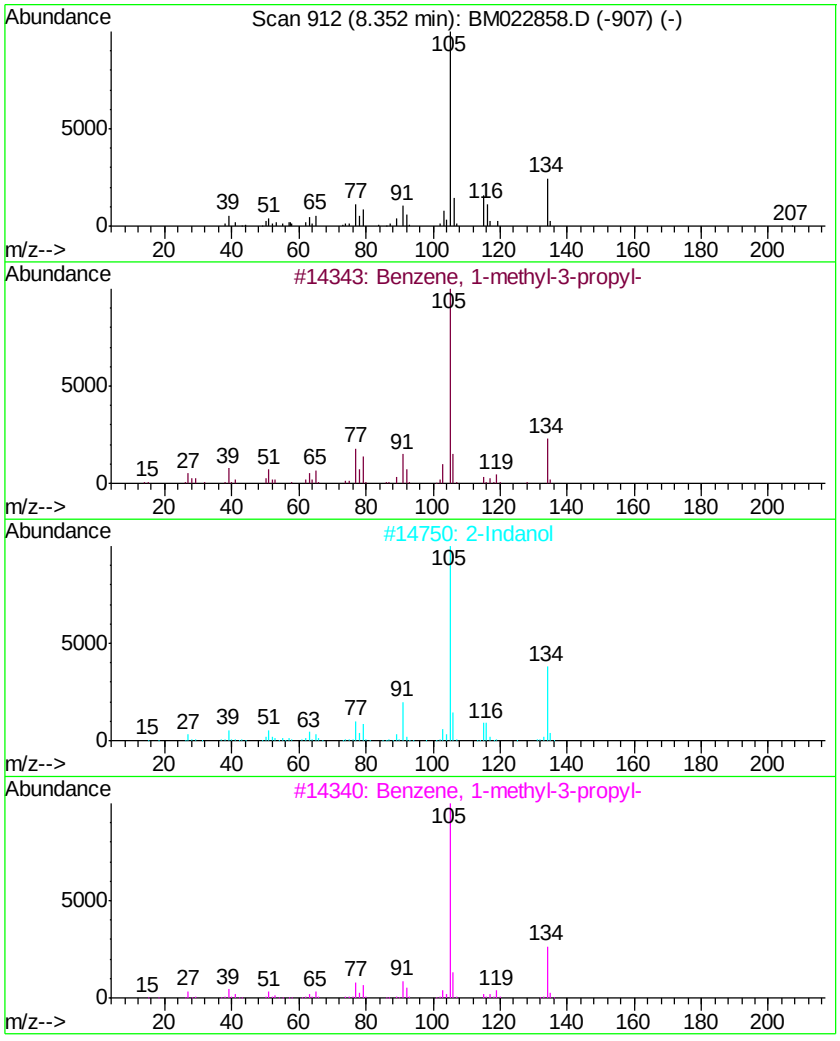
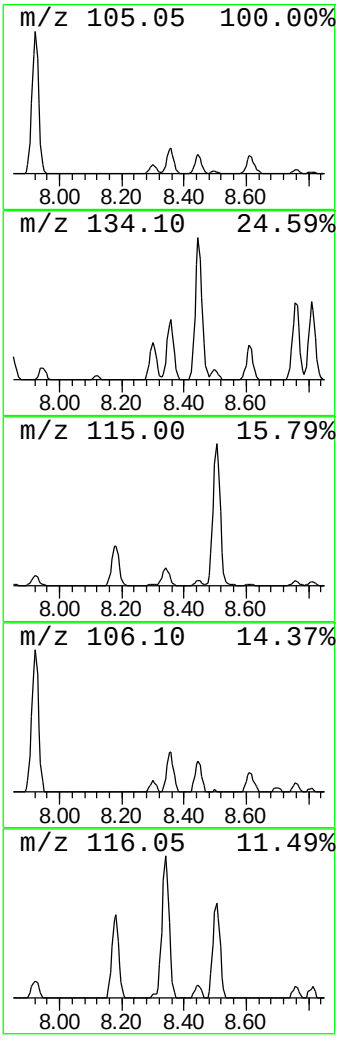
Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.53 ng/ul	195452	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	2-Indanol	134	C9H10O	004254-29-9	83
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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Quant Title : SVOA CALIBRATION

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

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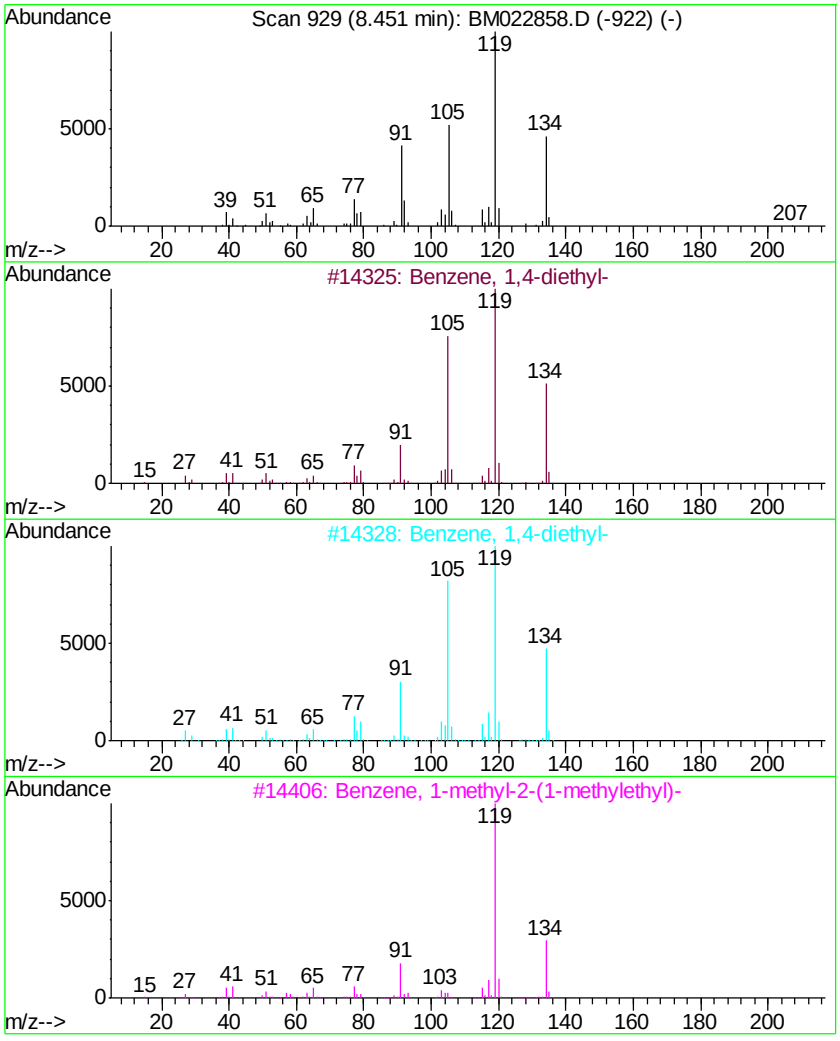
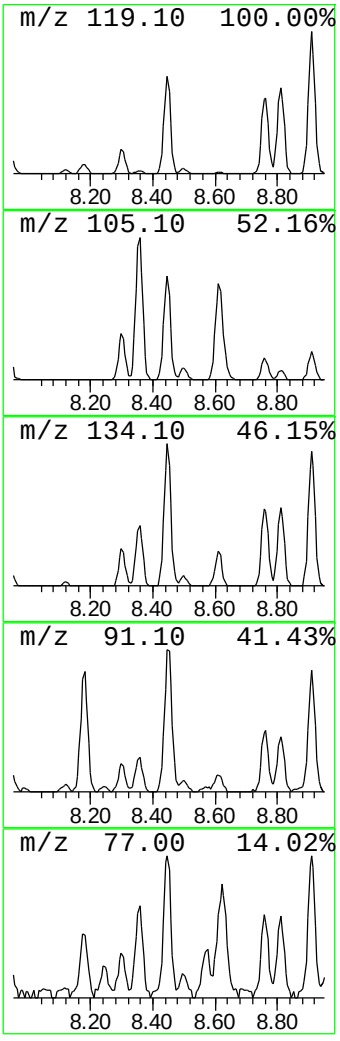
Peak Number 17 Benzene, 1,4-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	5.54 ng/ul	306903	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

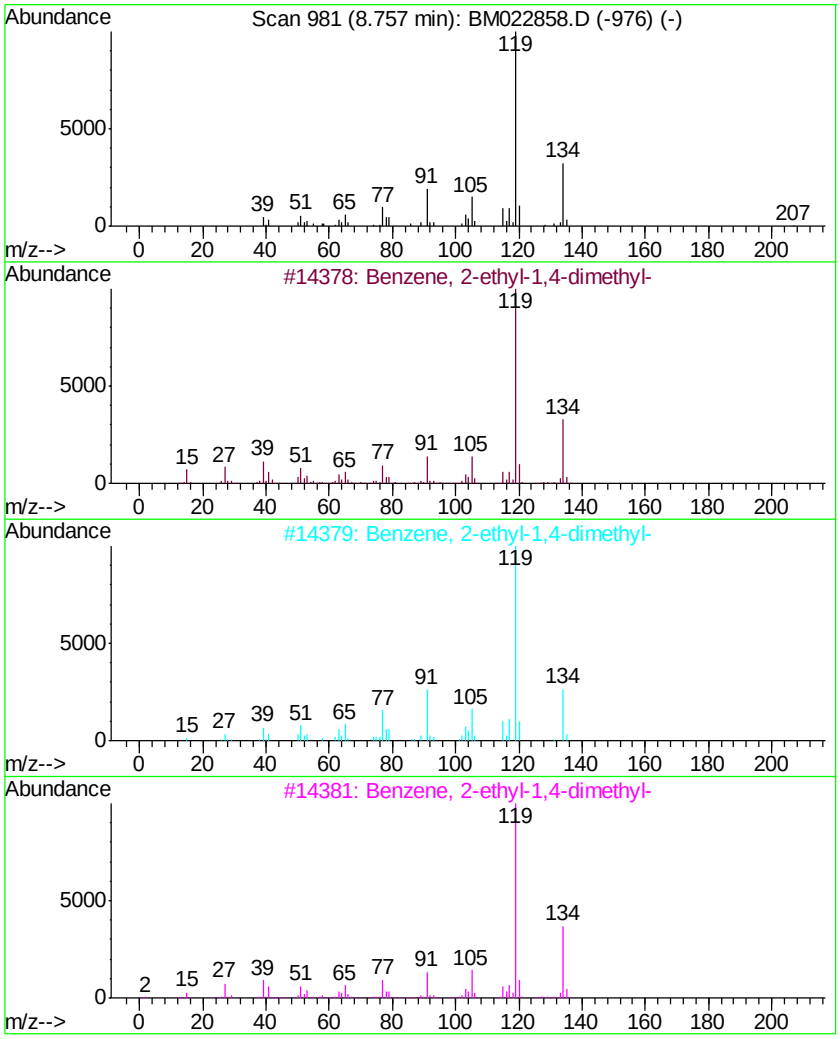
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

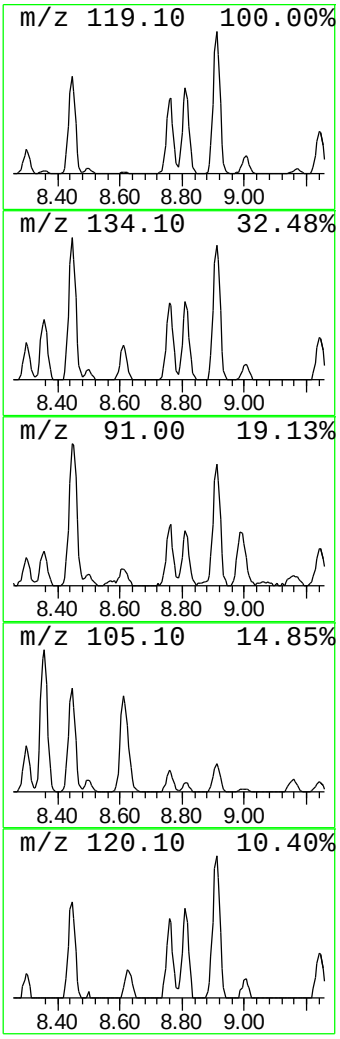
****

Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	3.05 ng/ul	168982	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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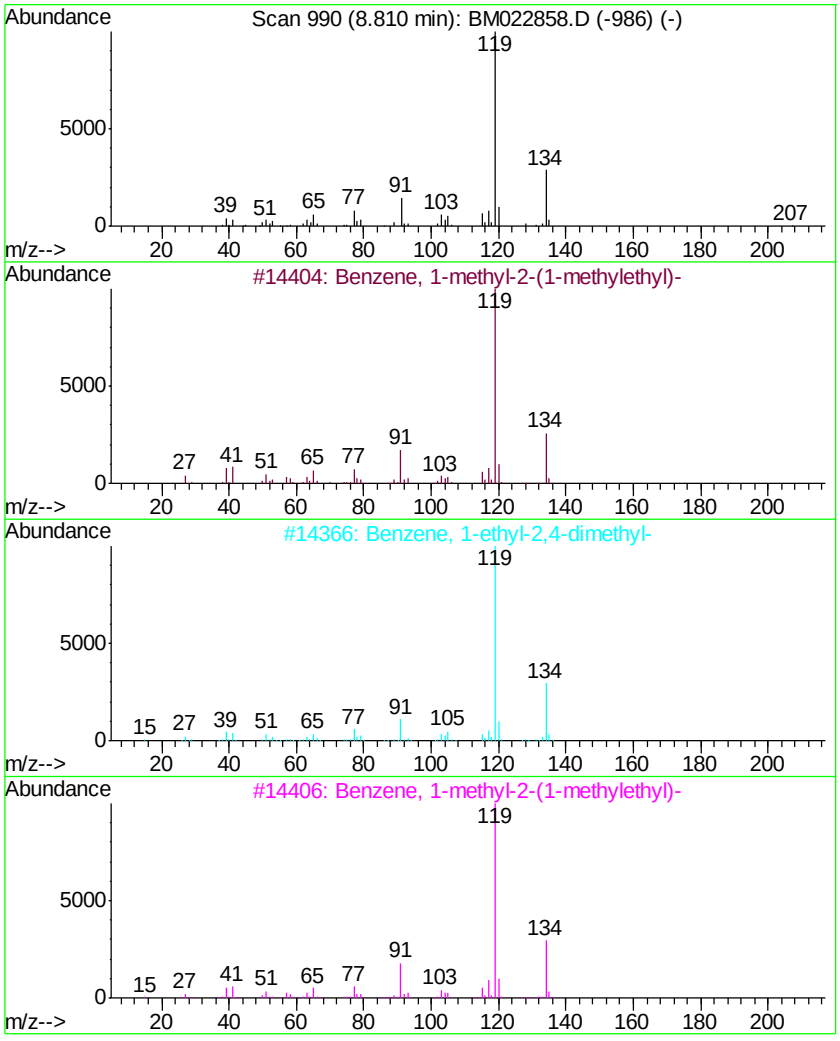
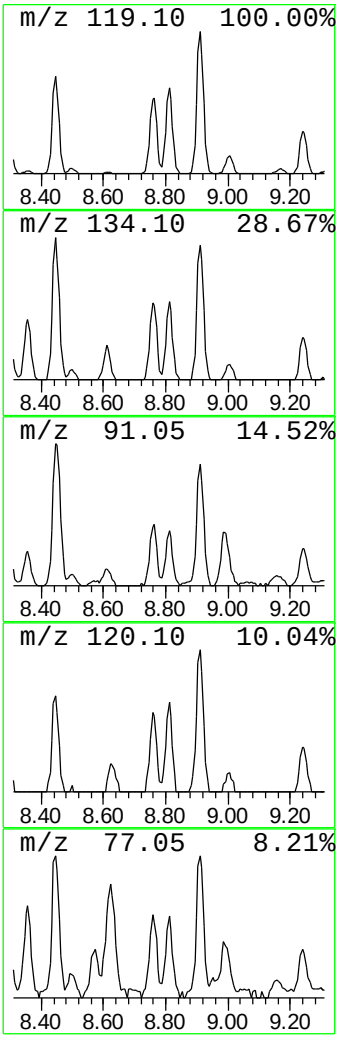
Peak Number 19 Benzene, 1-methyl-2-(1-meth... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.98 ng/ul	164797	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

****

Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.18 ng/ul	211301	Naphthalene-d8	10.59

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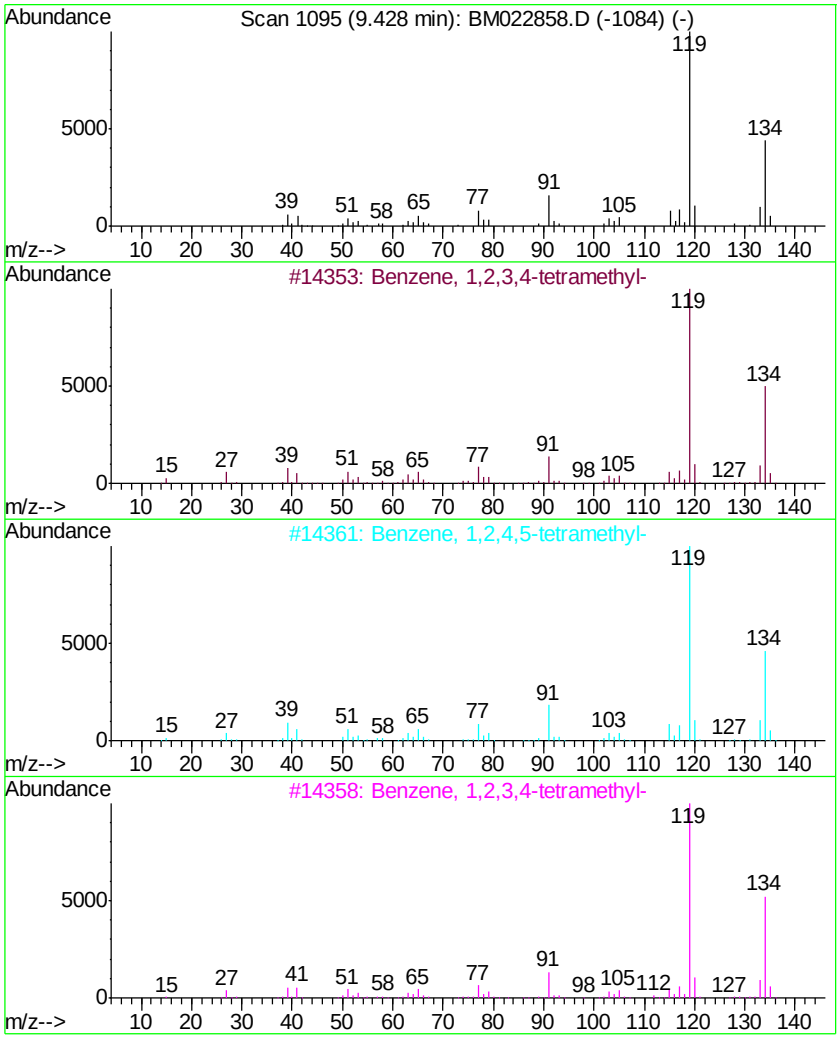

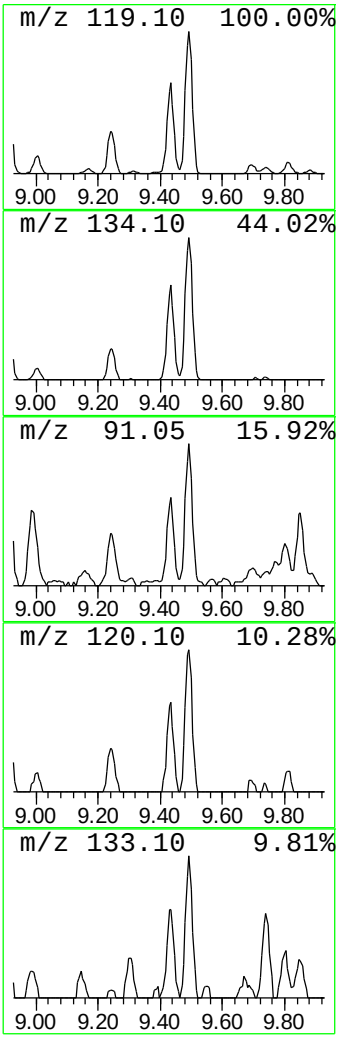

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Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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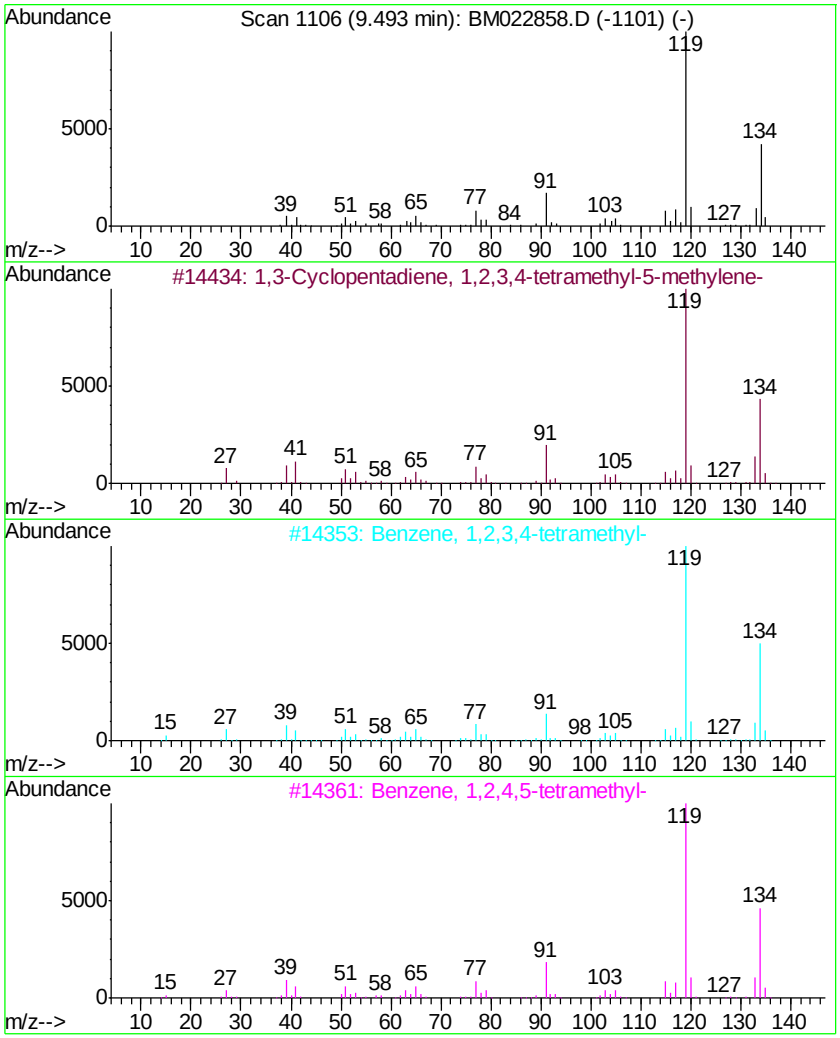
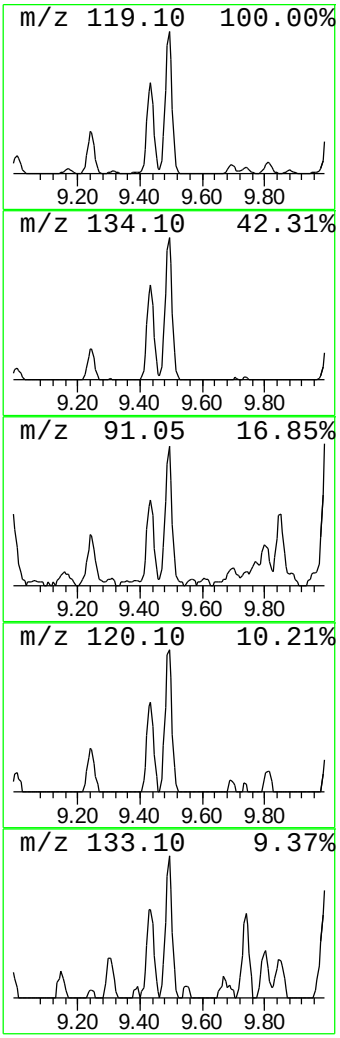
Peak Number 21 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.26 ng/ul	315667	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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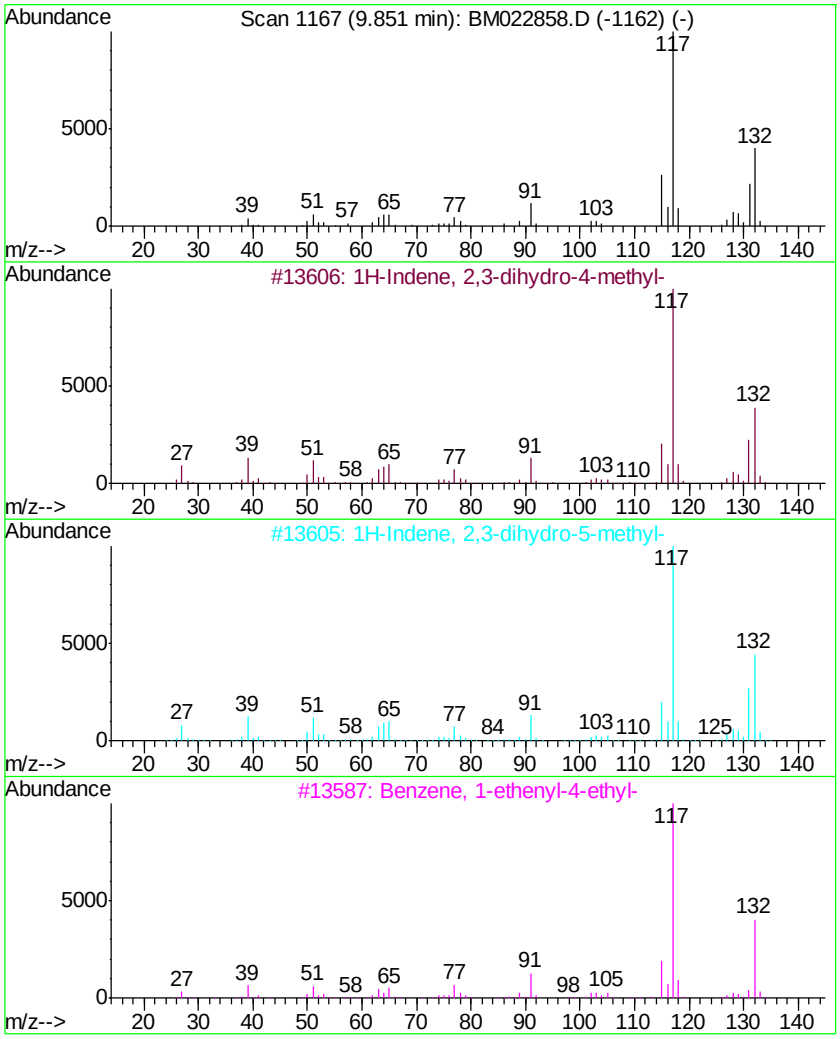
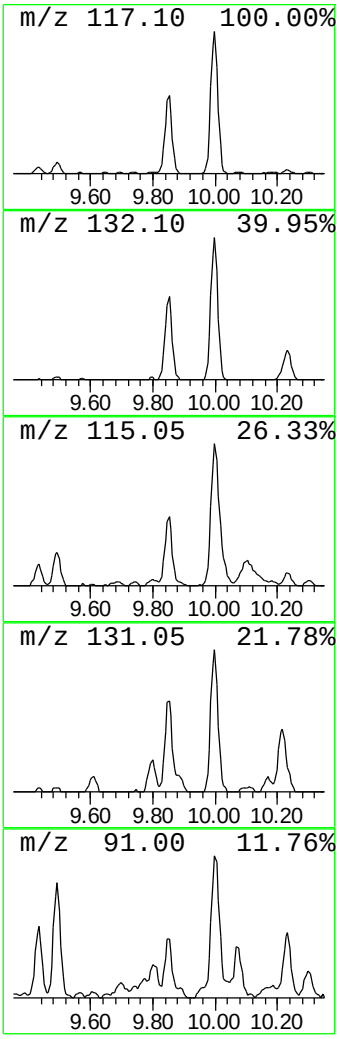
Peak Number 22 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.52 ng/ul	244046	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	80
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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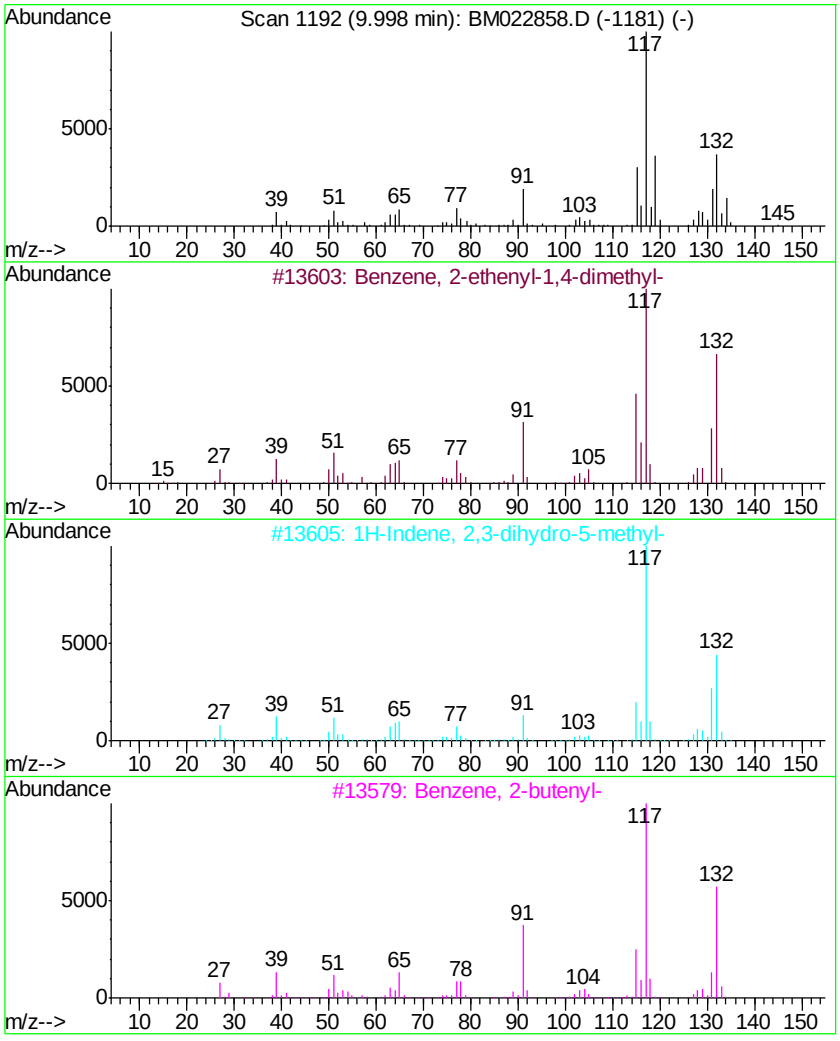
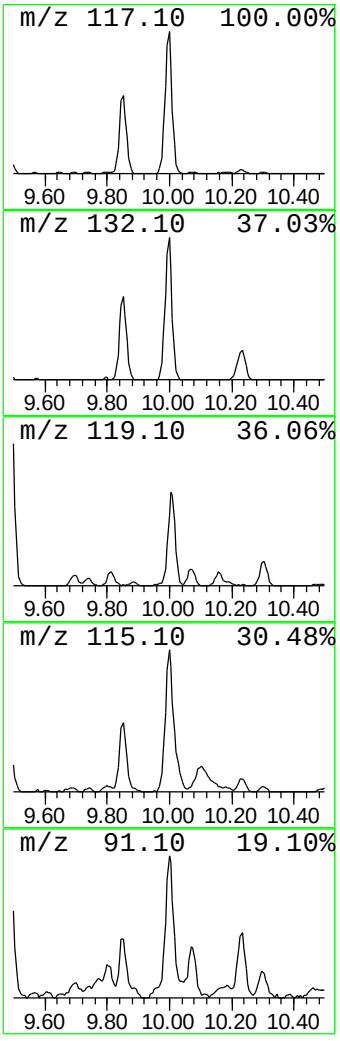
Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	7.54 ng/ul	729995	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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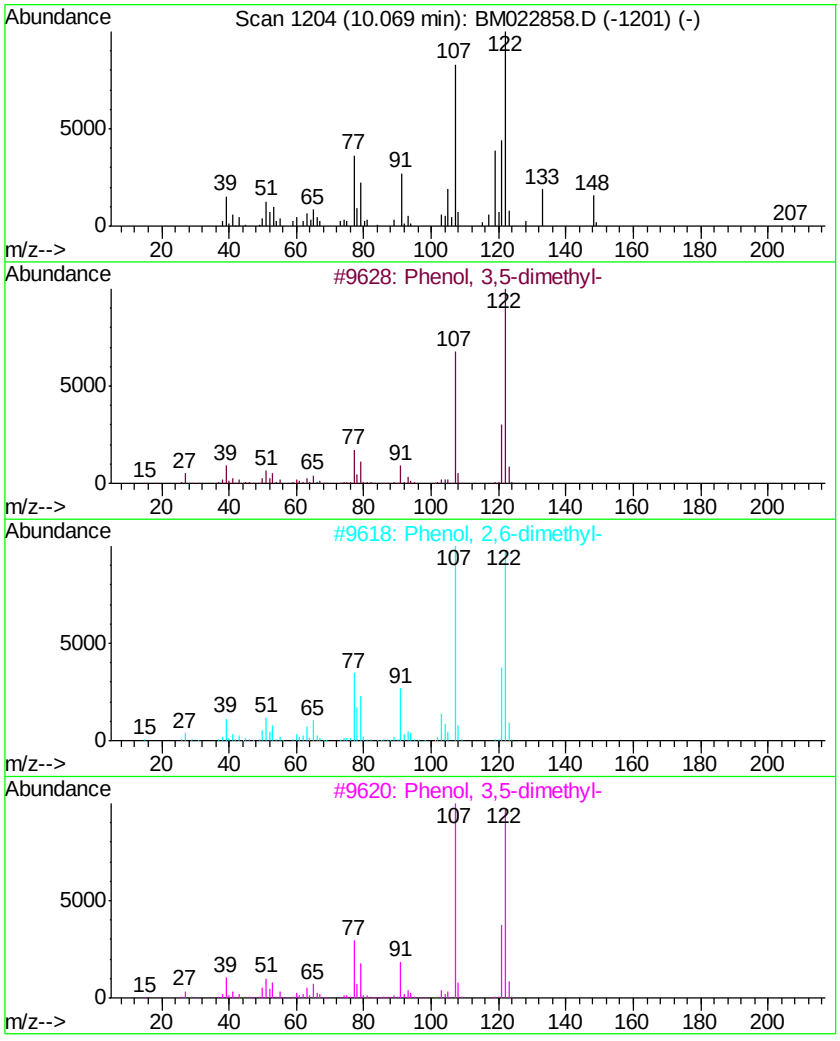
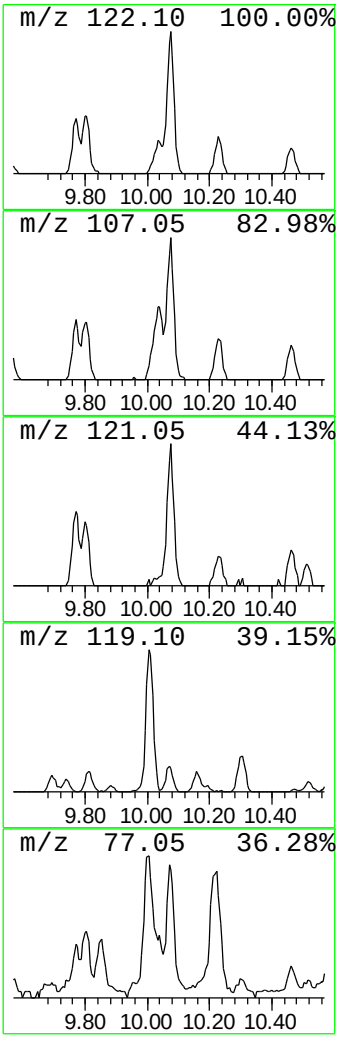
Peak Number 24 Phenol, 3,5-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	2.38 ng/ul	230466	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	81
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	81
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	76
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	76





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Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

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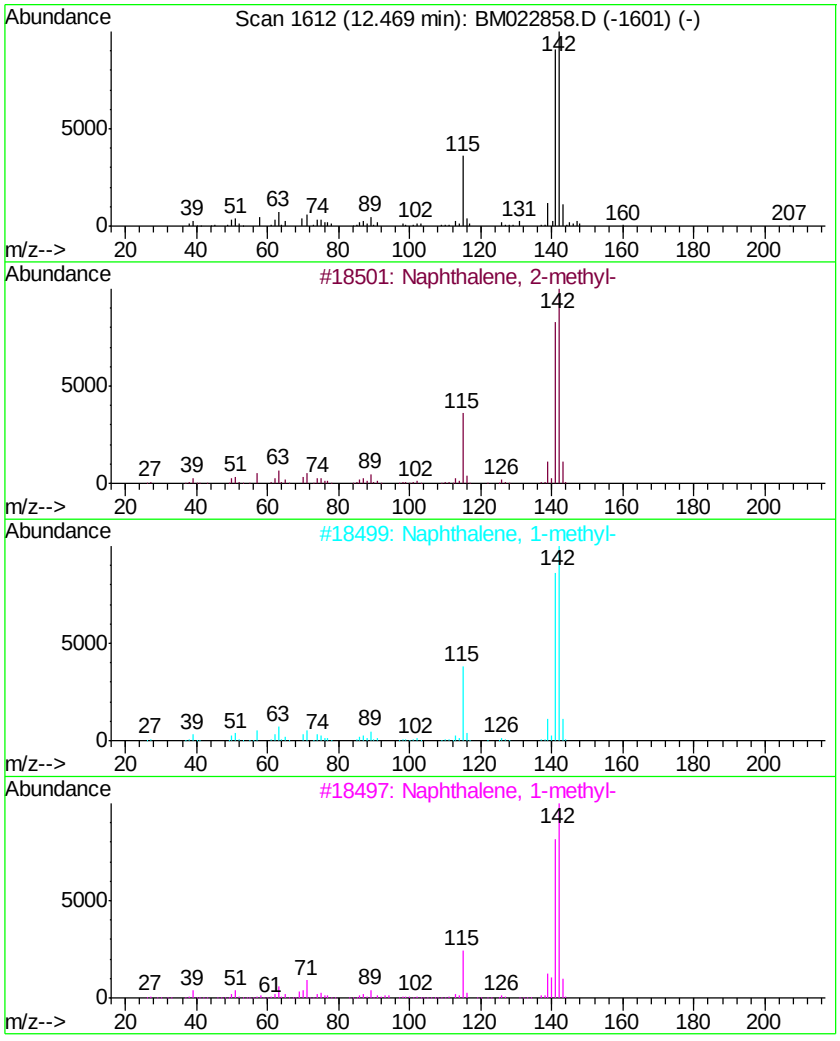
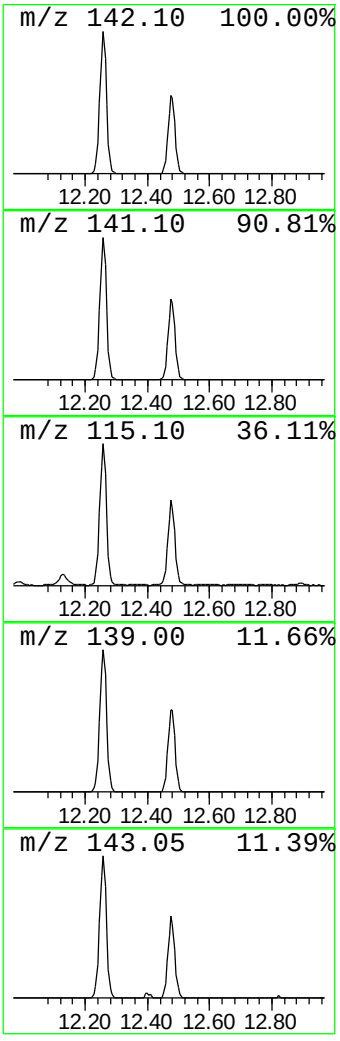
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	5.43 ng/ul	525621	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022858.D
Acq On : 01 Oct 2019 17:26
Operator : JU
Sample : K4983-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF1

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 1...	3.73	3.6	ng/ul	196947	1	7.80	1107140	20.0
Toluene	4.00	12.3	ng/ul	682889	1	7.80	1107140	20.0
Propanoic acid, 2...	4.27	8.1	ng/ul	450221	1	7.80	1107140	20.0
Propanoic acid, p...	4.45	10.6	ng/ul	586844	1	7.80	1107140	20.0
Butanoic acid, 1-...	4.90	13.7	ng/ul	756638	1	7.80	1107140	20.0
Ethylbenzene	5.32	11.4	ng/ul	631884	1	7.80	1107140	20.0
o-Xylene	5.46	35.1	ng/ul	1943330	1	7.80	1107140	20.0
Benzene, 1,3-dime...	5.82	26.3	ng/ul	1453400	1	7.80	1107140	20.0
Benzene, propyl-	6.79	3.6	ng/ul	202107	1	7.80	1107140	20.0
Benzene, 1-ethyl-...	6.90	12.2	ng/ul	672936	1	7.80	1107140	20.0
Benzene, 1,2,3-tr...	7.46	36.5	ng/ul	2017810	1	7.80	1107140	20.0
Benzene, 1,2,4-tr...	7.92	15.2	ng/ul	842718	1	7.80	1107140	20.0
Indane	8.18	10.7	ng/ul	591230	1	7.80	1107140	20.0
Benzene, 1-methyl...	8.35	3.5	ng/ul	195452	1	7.80	1107140	20.0
Benzene, 1,4-diet...	8.45	5.5	ng/ul	306903	1	7.80	1107140	20.0
Benzene, 2-ethyl-...	8.76	3.0	ng/ul	168982	1	7.80	1107140	20.0
Benzene, 1-methyl...	8.81	3.0	ng/ul	164797	1	7.80	1107140	20.0
Benzene, 1,2,3,4-...	9.43	2.2	ng/ul	211301	2	10.59	1935810	20.0
1,3-Cyclopentadie...	9.49	3.3	ng/ul	315667	2	10.59	1935810	20.0
1H-Indene, 2,3-di...	9.85	2.5	ng/ul	244046	2	10.59	1935810	20.0
Benzene, 2-etheny...	10.00	7.5	ng/ul	729995	2	10.59	1935810	20.0
Phenol, 3,5-dimet...	10.07	2.4	ng/ul	230466	2	10.59	1935810	20.0
Naphthalene, 1-me...	12.47	5.4	ng/ul	525621	2	10.59	1935810	20.0