LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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	27	rVB	85464	119271	2.17%	0.137%
2	3.163	27	30	37	rVV	57723	89580	1.63%	0.103%
3	3.234	37	42	46	rVV	130030	208357	3.80%	0.239%
4	3.269	46	48	52	rVV	83552	102064	1.86%	0.117%
5	3.610	99	106	113	rBV	189438	259058	4.72%	0.298%
6	3.834	139	144	153	rVB	191552	260177	4.74%	0.299%
7	3.916	153	158	166	rVB2	51405	82694	1.51%	0.095%
8	4.005	168	173	186	rVB	436839	620673	11.31%	0.713%
9	4.269	213	218	224	rBV	168217	214622	3.91%	0.246%
10	5.322	391	397	404	rVV	286641	411879	7.51%	0.473%
11	5.452	414	419	429	rVB	922345	1775976	32.36%	2.040%
12	5.822	475	482	488	rBV	741123	1069855	19.50%	1.229%
13	6.787	640	646	652	rBV	130142	205561	3.75%	0.236%
14	6.899	659	665	670	rVV	616654	926788	16.89%	1.064%
15	6.957	670	675	679	rVV	298455	476199	8.68%	0.547%
16	6.998	679	682	683	rVV	105745	129127	2.35%	0.148%
17	7.028	683	687	694	rVV	461902	715040	13.03%	0.821%
18	7.134	697	705	711	rBV	831130	1315061	23.96%	1.510%
19	7.198	711	716	722	rVV	324592	508858	9.27%	0.584%
20	7.263	722	727	734	rVV	99408	151038	2.75%	0.173%
21	7.451	752	759	768	rVB	1655773	2597585	47.33%	2.983%
22	7.798	810	818	824	rBV	1241205	1978236	36.05%	2.272%
23	7.869	824	830	834	rBV	315893	420882	7.67%	0.483%
24	7.916	834	838	855	rVB	695713	1221523	22.26%	1.403%
25	8.093	863	868	874	rBV3	49064	91400	1.67%	0.105%
26	8.175	874	882	889	rVB2	365530	715286	13.03%	0.822%
27	8.298	897	903	907	rBV	80761	124266	2.26%	0.143%
28	8.351	907	912	918	rVB	150243	221020	4.03%	0.254%
29	8.440	918	927	933	rBV	348072	565554	10.31%	0.650%
30	8.610	951	956	965	rVB2	110609	239564	4.37%	0.275%
31	8.693	965	970	976	rBV	57106	114720	2.09%	0.132%
32	8.757	976	981	985	rBV	183052	294021	5.36%	0.338%
33	8.804	985	989	997	rVB	198197	338782	6.17%	0.389%
34	8.910	997	1007	1010	rBV	406310	712088	12.98%	0.818%

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	8.951	1010	1014	1019	rBV	842659	1329888	24.23%	1.527%
36	9.240	1055	1063	1069	rBV2	125965	225491	4.11%	0.259%
37	9.428	1078	1095	1100	rBV	268562	483071	8.80%	0.555%
38	9.487	1100	1105	1116	rVB	413520	677220	12.34%	0.778%
39	9.769	1149	1153	1156	rVV	88134	143976	2.62%	0.165%
40	9.798	1156	1158	1162	rVV3	98845	143224	2.61%	0.164%
41	9.845	1162	1166	1180	rVB	312456	527387	9.61%	0.606%
42	9.998	1180	1192	1201	rBV2	749923	1546203	28.18%	1.776%
43	10.228	1227	1231	1237	rVB	164598	266483	4.86%	0.306%
44	10.292	1237	1242	1251	rVB3	94031	168710	3.07%	0.194%
45	10.457	1264	1270	1275	rVV4	70189	141776	2.58%	0.163%
46	10.516	1275	1280	1283	rVV	109388	187496	3.42%	0.215%
47	10.592	1283	1293	1297	rVV	1746719	3173710	57.83%	3.645%
48	10.639	1297	1301	1309	rVV	2211683	3861914	70.37%	4.435%
49	10.722	1309	1315	1327	rVV2	1226523	2428837	44.26%	2.790%
50	11.257	1401	1406	1411	rVB	85050	141076	2.57%	0.162%
51	11.510	1444	1449	1455	rBV	140951	222577	4.06%	0.256%
52	11.628	1461	1469	1473	rBV5	46647	105150	1.92%	0.121%
53	11.704	1475	1482	1491	rVV2	136655	267483	4.87%	0.307%
54	11.786	1491	1496	1505	rVB3	79611	164428	3.00%	0.189%
55	11.981	1524	1529	1533	rVV2	68965	98686	1.80%	0.113%
56	12.128	1540	1554	1555	rBV3	93389	210743	3.84%	0.242%
57	12.145	1555	1557	1567	rVB3	115736	195377	3.56%	0.224%
58	12.257	1567	1576	1587	rVB	1975312	3196214	58.24%	3.671%
59	12.369	1589	1595	1599	rBV2	51299	100818	1.84%	0.116%
60	12.475	1599	1613	1622	rVB	1092934	1862169	33.93%	2.139%
61	12.551	1622	1626	1633	rBV3	48275	85461	1.56%	0.098%
62	12.657	1639	1644	1654	rVB	82571	152823	2.78%	0.176%
63	13.269	1743	1748	1753	rBV3	132398	227612	4.15%	0.261%
64	13.339	1757	1760	1765	rVV	63052	93904	1.71%	0.108%
65	13.469	1777	1782	1795	rVB3	93574	283961	5.17%	0.326%
66	13.598	1797	1804	1805	rBV2	175692	230360	4.20%	0.265%
67	13.757	1821	1831	1836	rBV2	274779	551910	10.06%	0.634%
68	13.810	1836	1840	1842	rVV	189095	281660	5.13%	0.323%
69	13.845	1842	1846	1850	rVV	1533966	2065513	37.64%	2.372%
70	13.892	1850	1854	1859	rVB	230975	317009	5.78%	0.364%
71	13.992	1864	1871	1881	rBV4	146151	387552	7.06%	0.445%

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	14.127	1881	1894	1903	rBV	2558389	3960153	72.16%	4.548%
73	14.433	1936	1946	1953	rBV	2256789	3545805	64.61%	4.072%
74	14.680	1978	1988	1994	rBV2	94694	184632	3.36%	0.212%
75	14.833	2010	2014	2020	rVB2	56723	93853	1.71%	0.108%
76	15.039	2044	2049	2056	rBV2	63572	144812	2.64%	0.166%
77	15.110	2057	2061	2067	rVV	76078	107430	1.96%	0.123%
78	15.227	2074	2081	2084	rVV	134296	215394	3.93%	0.247%
79	15.263	2084	2087	2091	rVV2	58033	101893	1.86%	0.117%
80	15.427	2107	2115	2121	rBV2	3275390	4846046	88.31%	5.566%
81	15.663	2149	2155	2158	rBV4	42375	85430	1.56%	0.098%
82	16.827	2349	2353	2362	rVB	70018	104492	1.90%	0.120%
83	17.174	2406	2412	2417	rBV2	2364189	3338975	60.84%	3.835%
84	17.215	2417	2419	2423	rVB	86299	89920	1.64%	0.103%
85	17.274	2423	2429	2435	rBV	3181927	4448328	81.06%	5.109%
86	18.068	2557	2564	2572	rBV6	80135	210443	3.83%	0.242%
87	18.374	2612	2616	2623	rBV3	47449	89664	1.63%	0.103%
88	18.957	2709	2715	2720	rBV6	34817	99413	1.81%	0.114%
89	19.004	2720	2723	2730	rVB	62291	88118	1.61%	0.101%
90	19.568	2813	2819	2825	rBV	3506490	4957495	90.34%	5.694%
91	20.121	2910	2913	2917	rVB	115958	118130	2.15%	0.136%
92	20.615	2994	2997	3000	rBV	163878	172552	3.14%	0.198%
93	21.074	3072	3075	3079	rVB2	253381	328663	5.99%	0.377%
94	21.356	3118	3123	3129	rBV	2650916	3353470	61.11%	3.851%
95	21.515	3146	3150	3157	rBV	294589	339613	6.19%	0.390%
96	21.950	3221	3224	3232	rBV	277238	364180	6.64%	0.418%
97	22.421	3301	3304	3310	rVB	280362	349841	6.38%	0.402%
98	22.933	3388	3391	3396	rVB	258837	367522	6.70%	0.422%
99	23.474	3477	3483	3500	rVB	2681795	5487700	100.00%	6.303%
100	23.621	3501	3508	3516	rVB	1908174	3650661	66.52%	4.193%

Sum of corrected areas: 87069305

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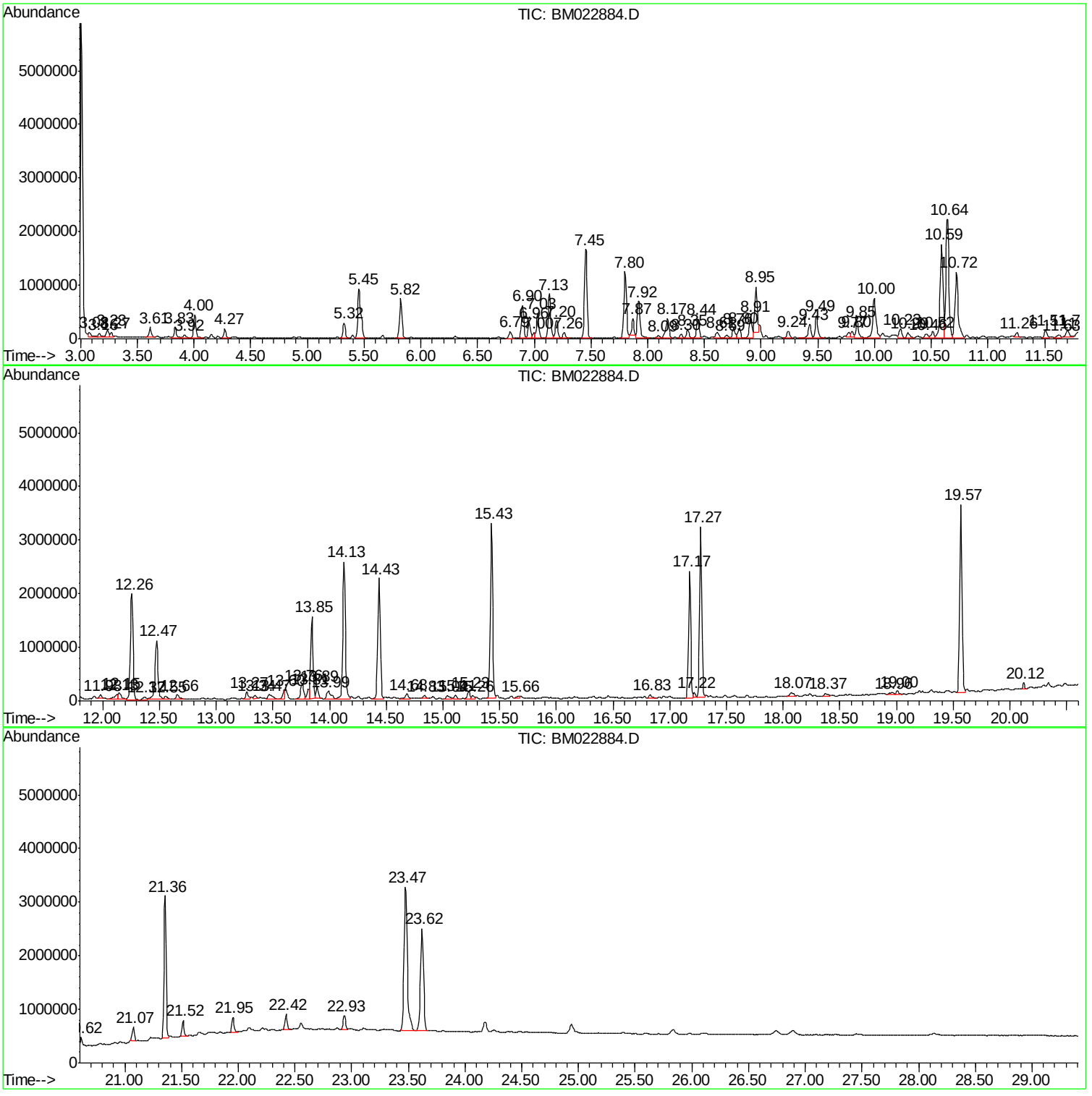
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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



Library Search Compound Report

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Data File : BM022884.D
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

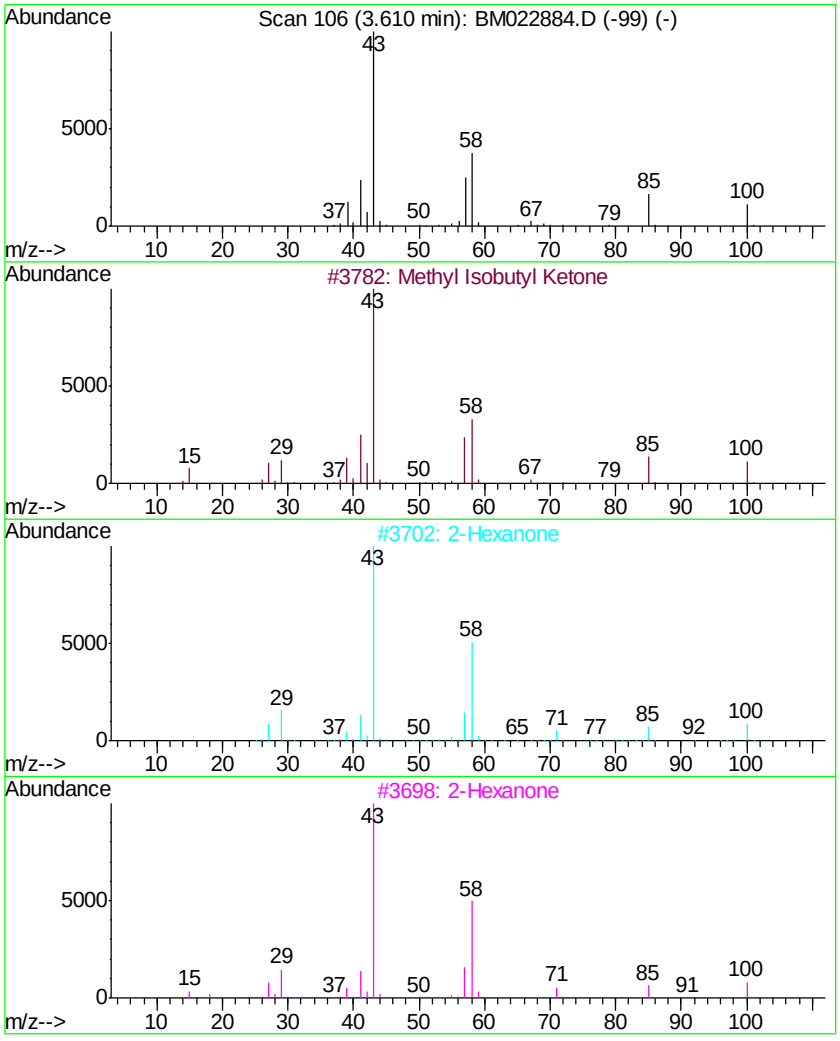
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

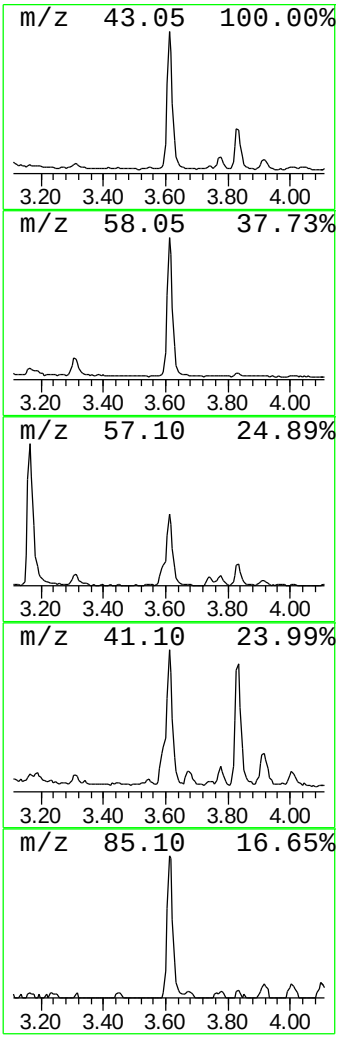
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	2.62 ng/ul	259058	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	2-Hexanone	100	C6H12O	000591-78-6	78
3	2-Hexanone	100	C6H12O	000591-78-6	78
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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

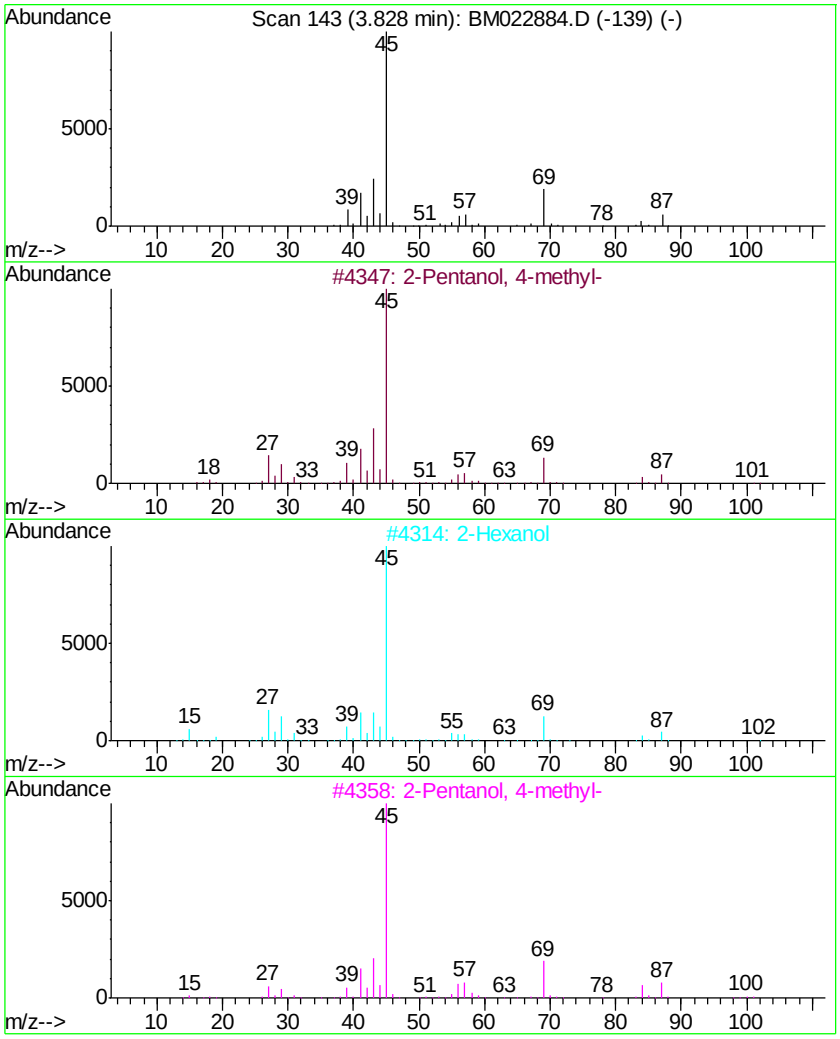
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

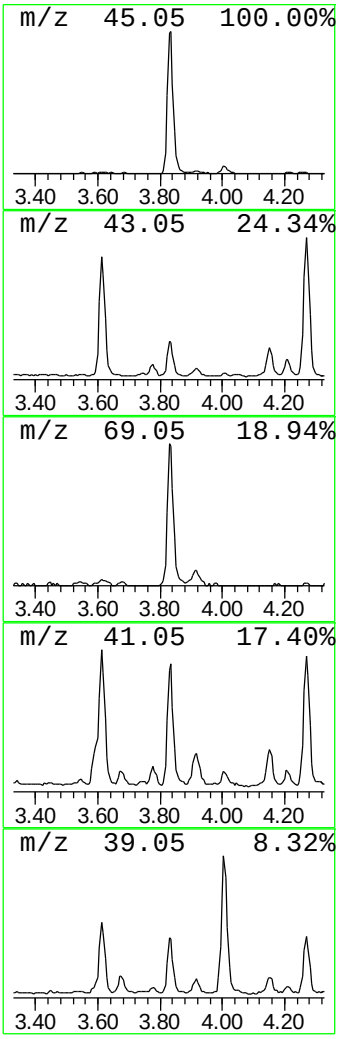
****

Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.63 ng/ul	260177	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
4	2-Hexanol	102	C6H14O	000626-93-7	64
5	2-Hexanol	102	C6H14O	000626-93-7	64





Library Search Compound Report

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Data File : BM022884.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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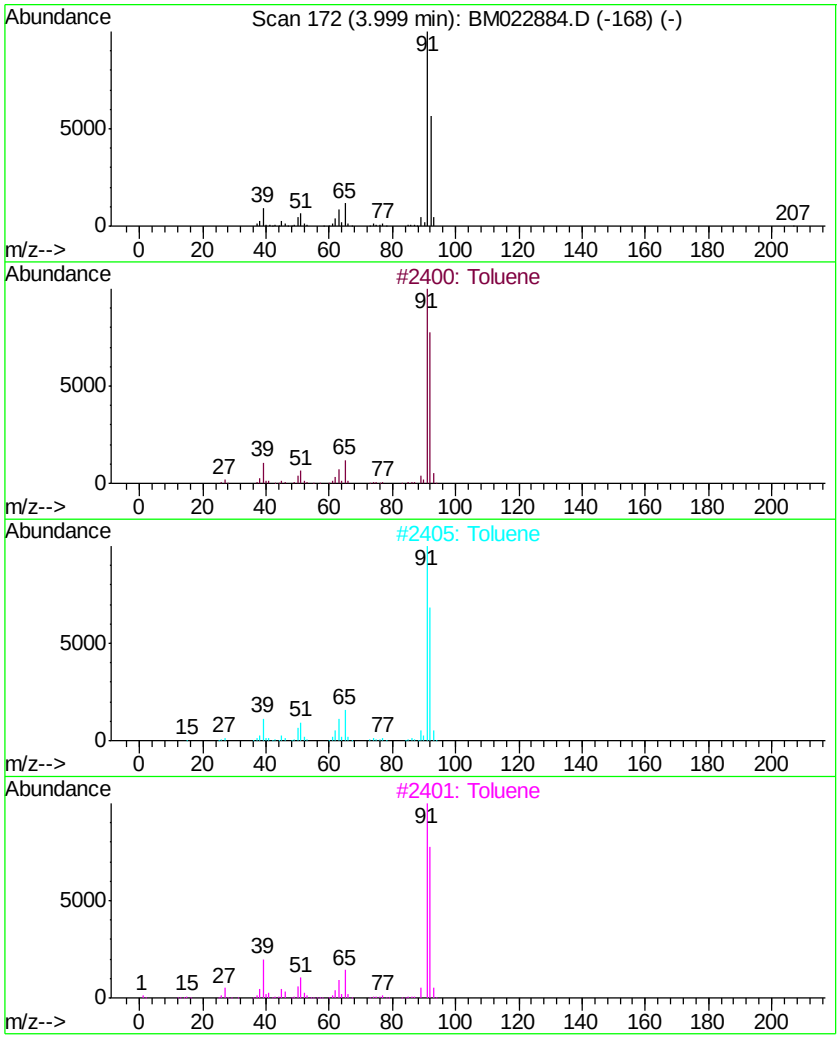
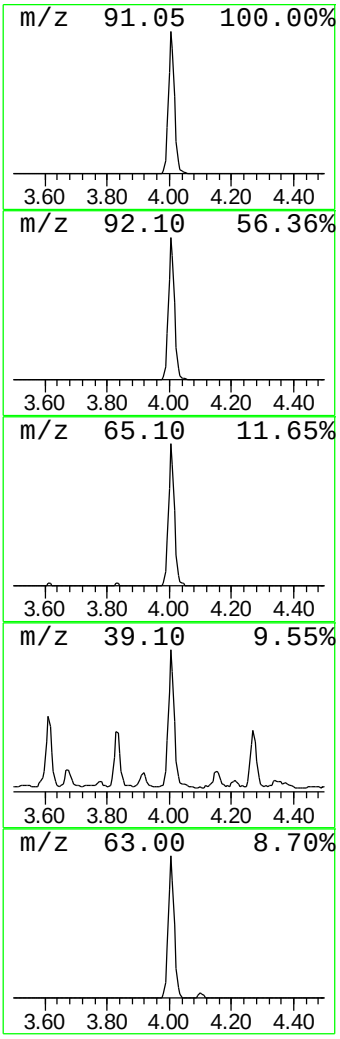
Peak Number 3 Toluene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	6.28 ng/ul	620673	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	91





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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

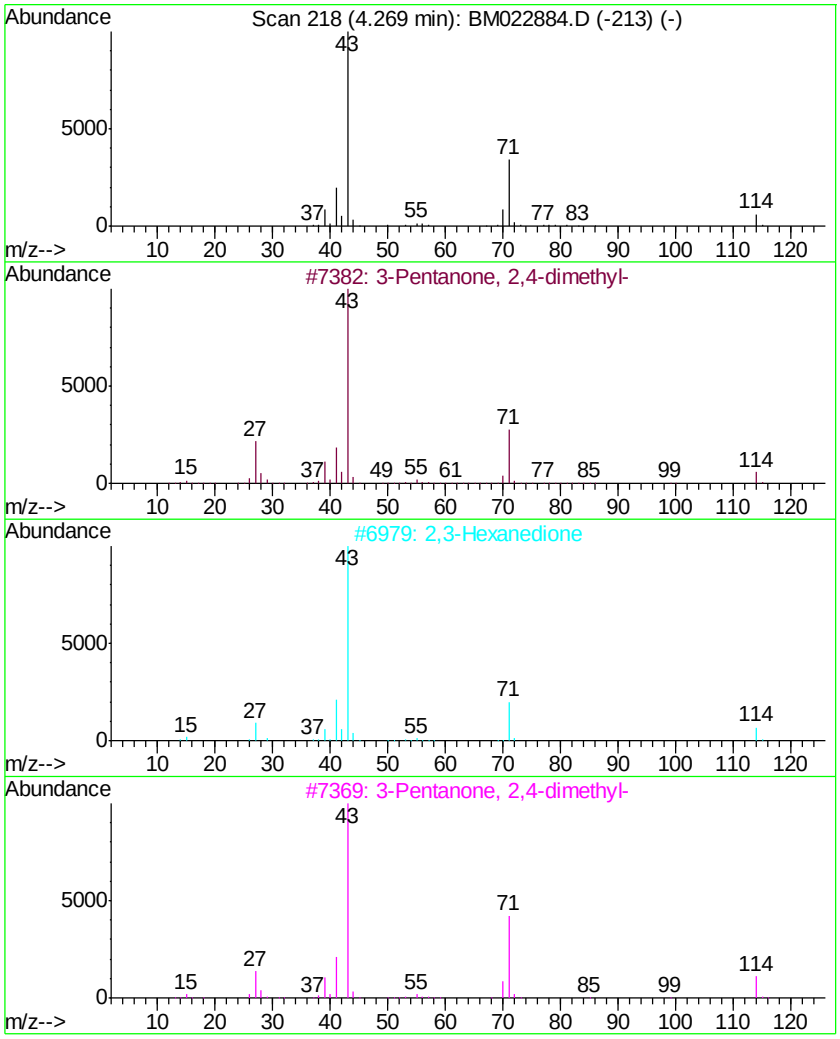
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

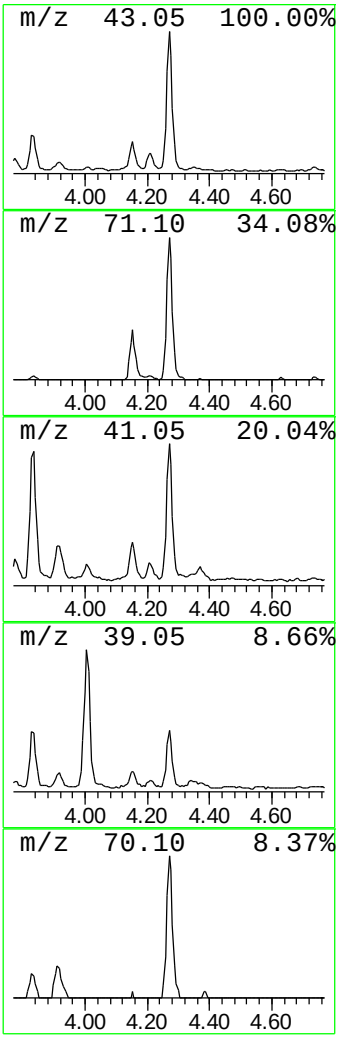
****

Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	2.17 ng/ul	214622	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	2,3-Hexanedione	114	C6H10O2	003848-24-6	58
3	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	58
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	50
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	47





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Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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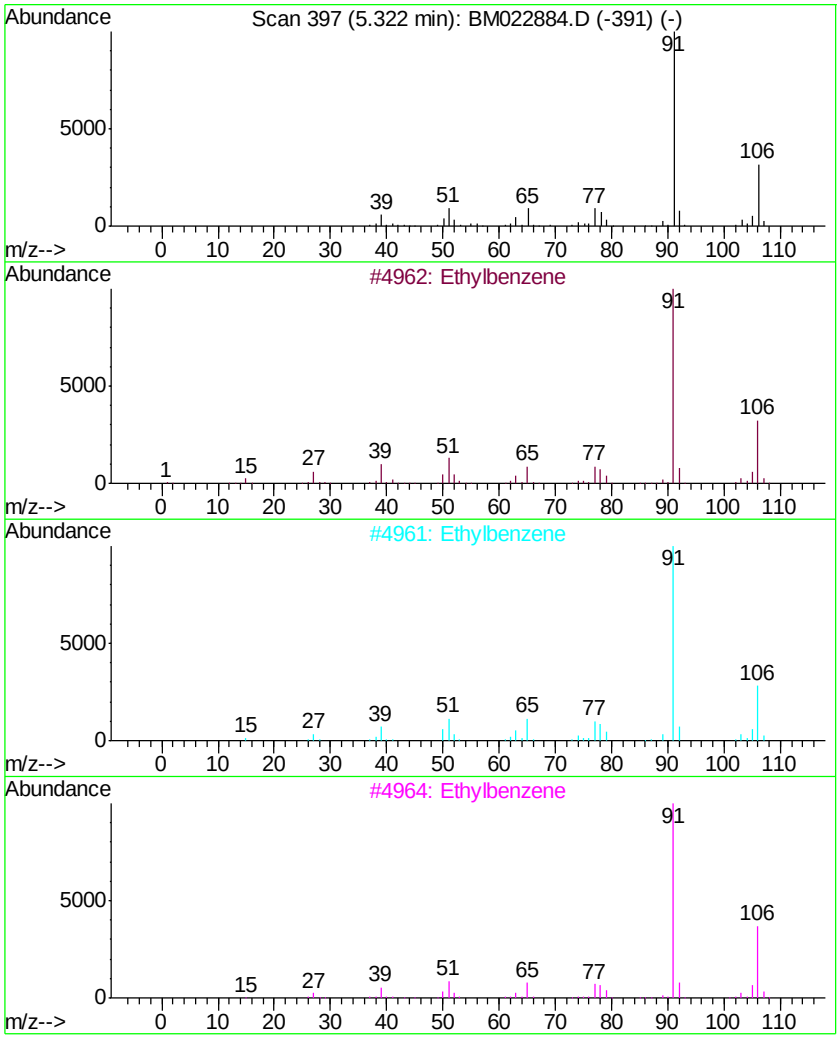
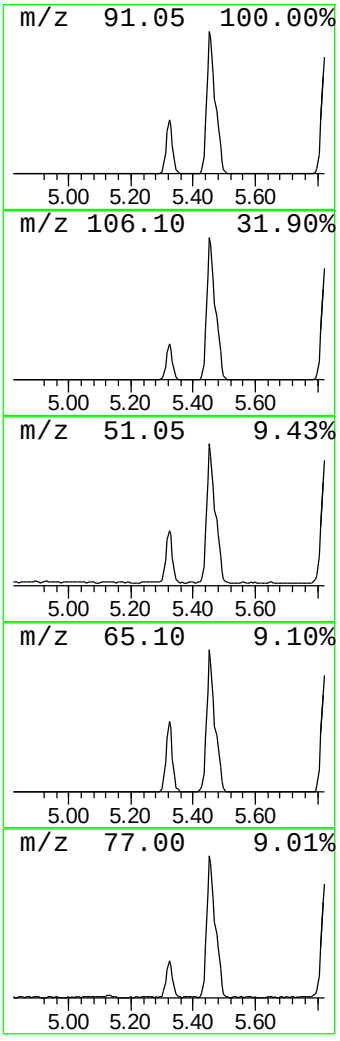
Peak Number 5 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	4.16 ng/ul	411879	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	91
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	o-Xylene	106	C8H10	000095-47-6	90





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Instrument : BNA_M
ClientSampleId : BFDE8

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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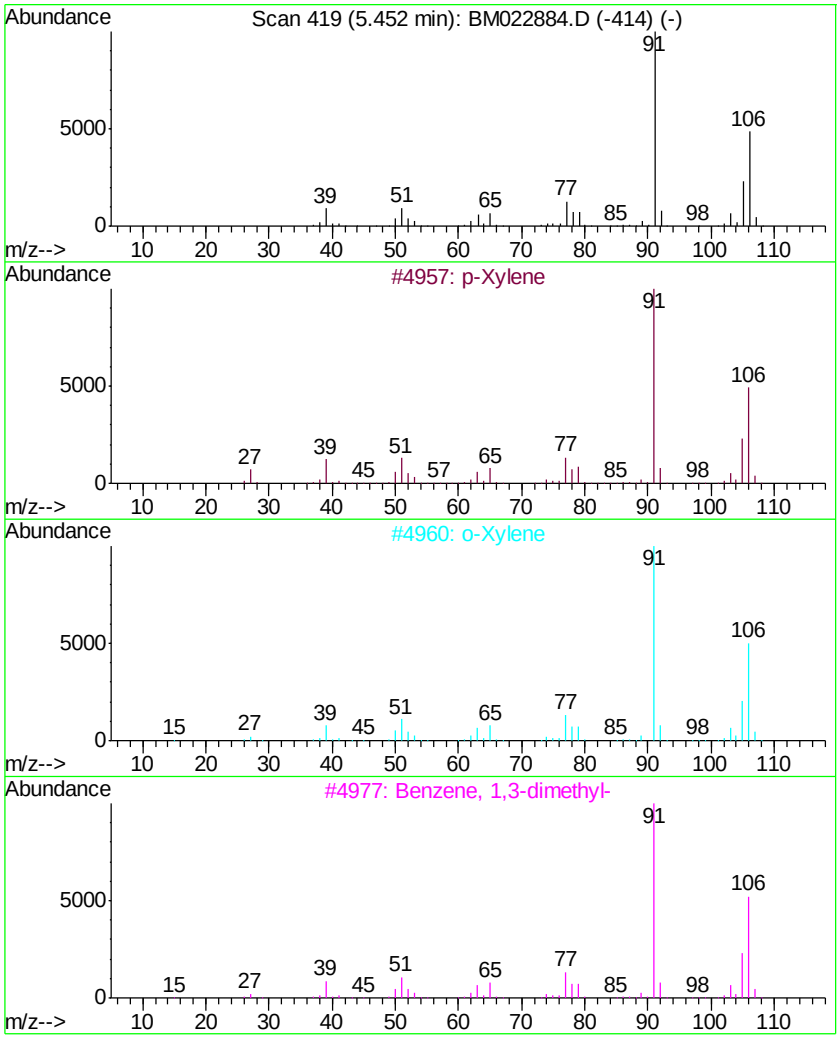
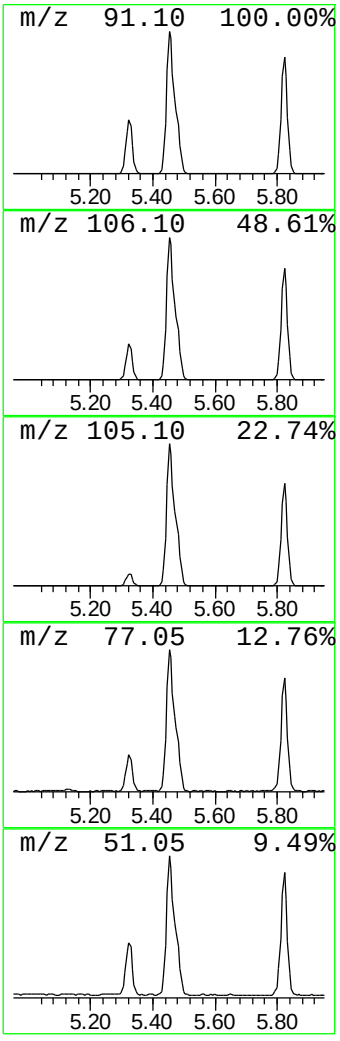
Peak Number 6 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	17.96 ng/ul	1775980	1,4-Dichlorobenzene-d4	7.80

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





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Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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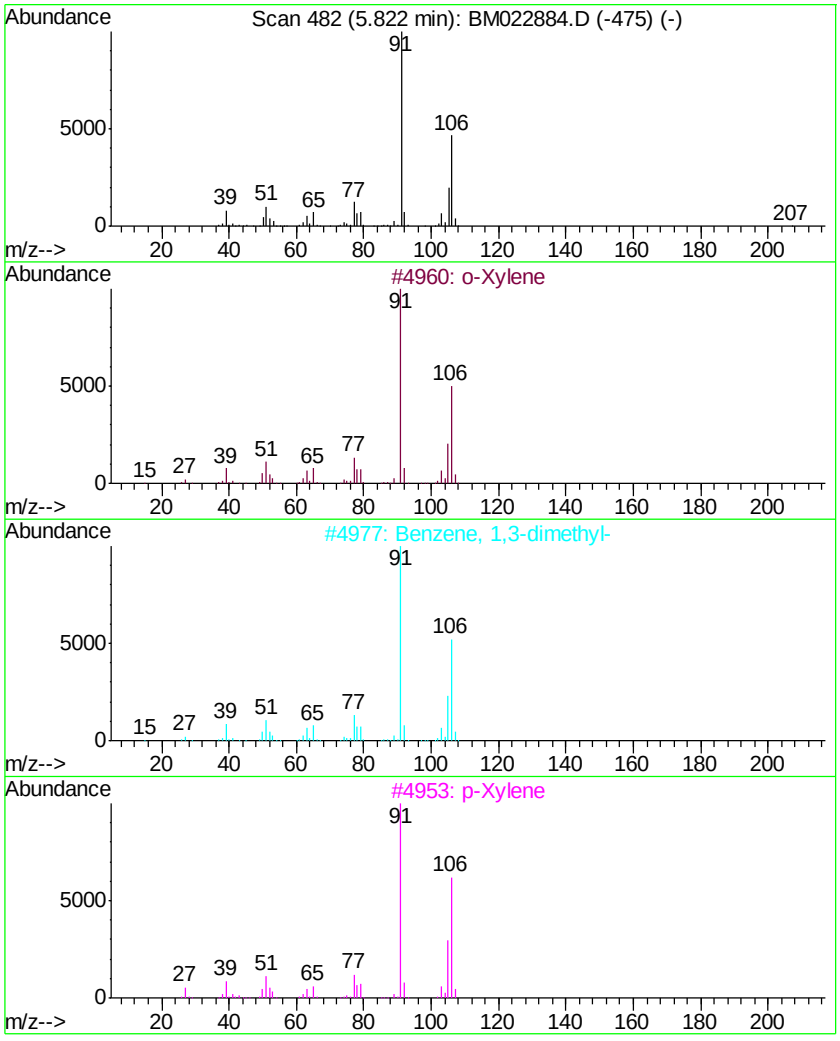
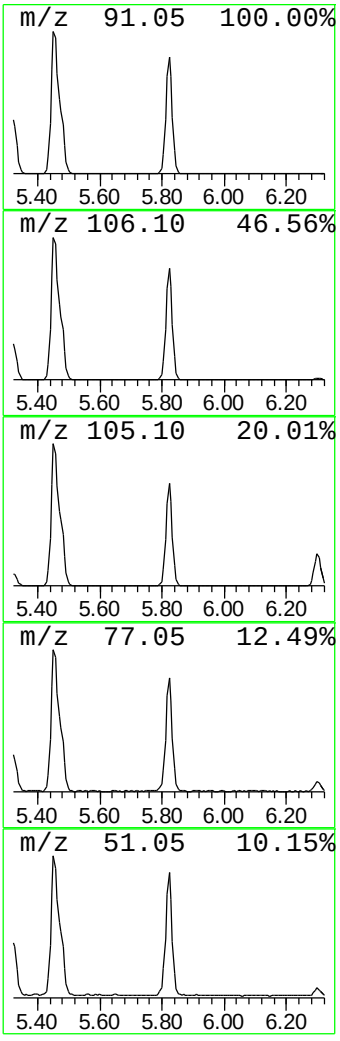
Peak Number 7 o-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	10.82 ng/ul	1069860	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Library Search Compound Report

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ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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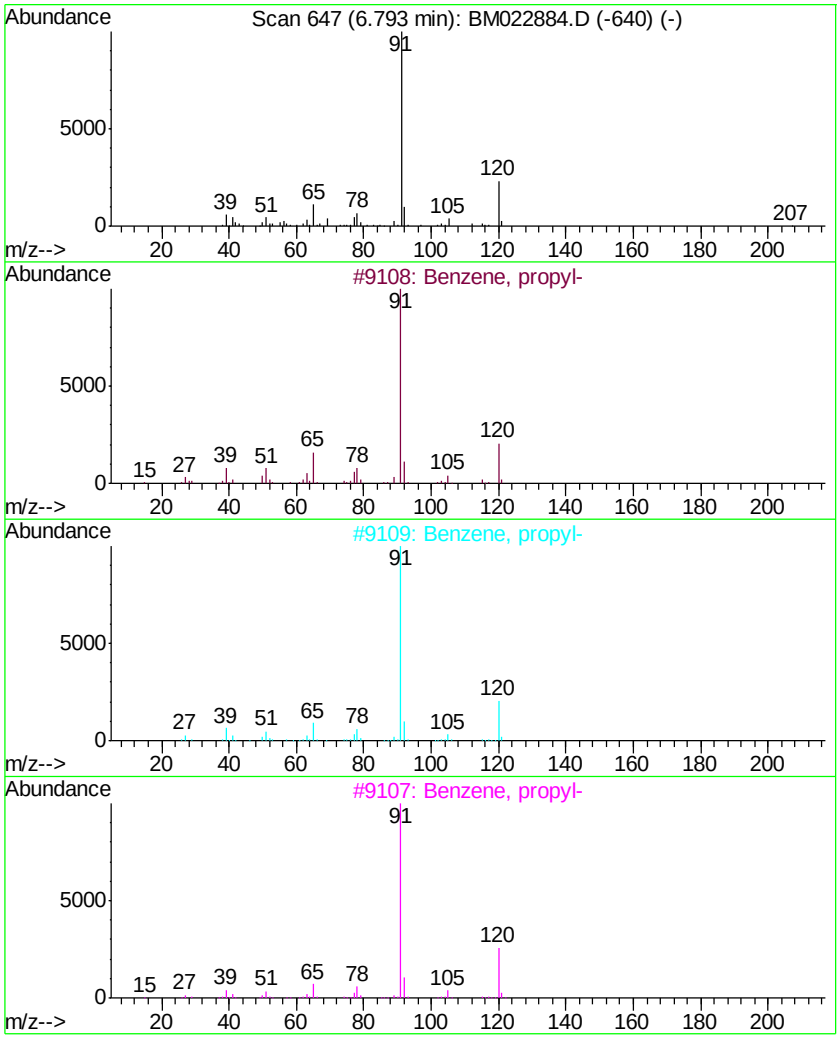
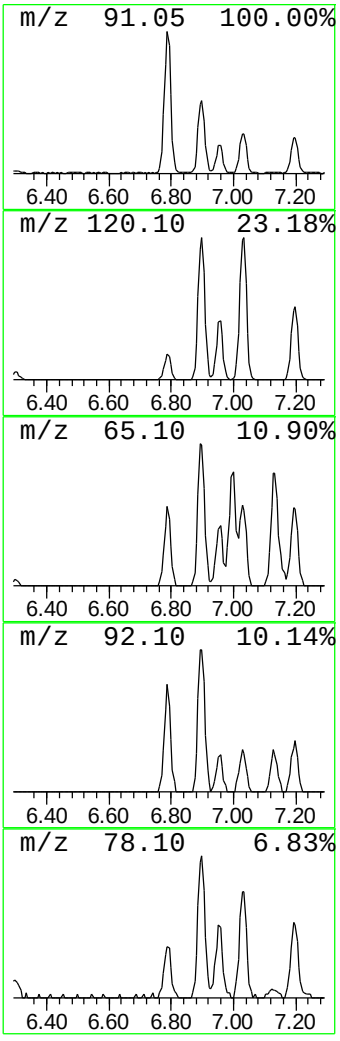
Peak Number 8 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.08 ng/ul	205561	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	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





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Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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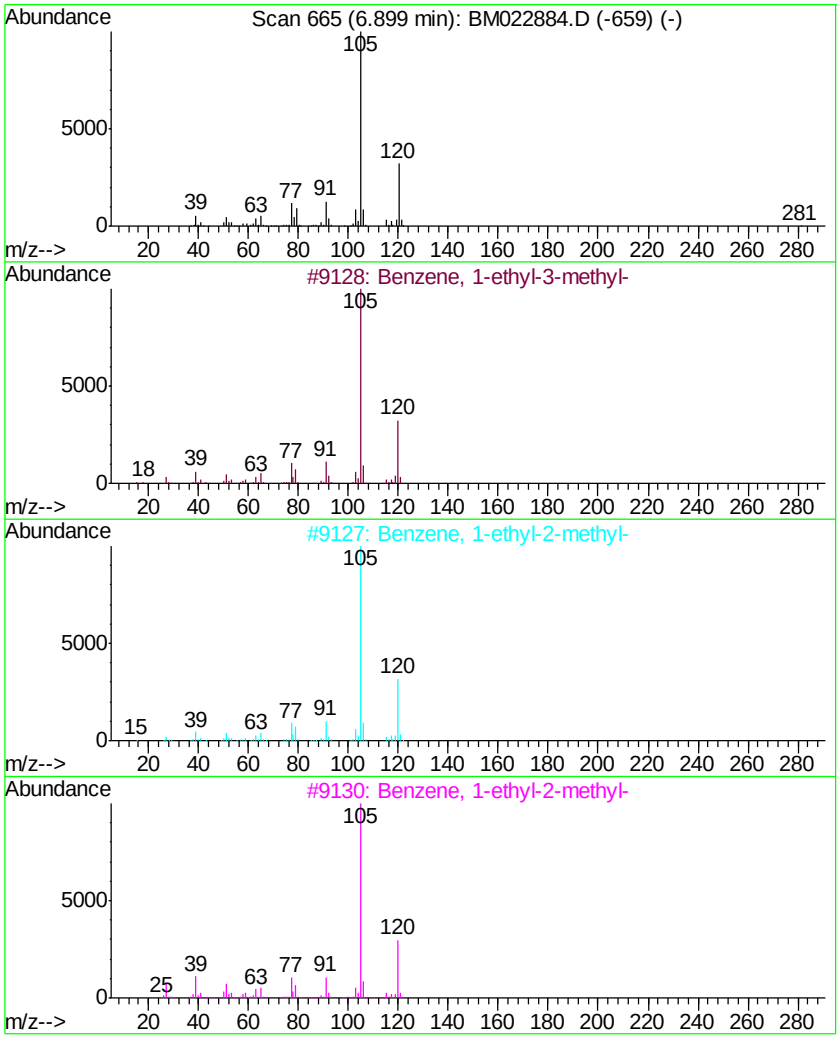
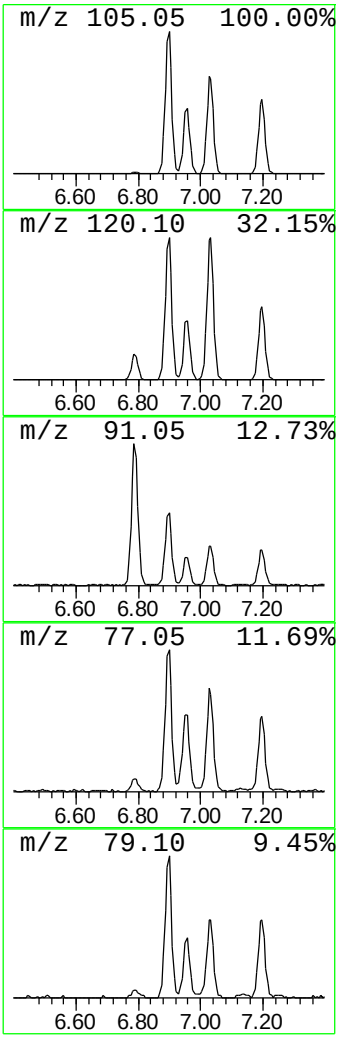
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	9.37 ng/ul	926788	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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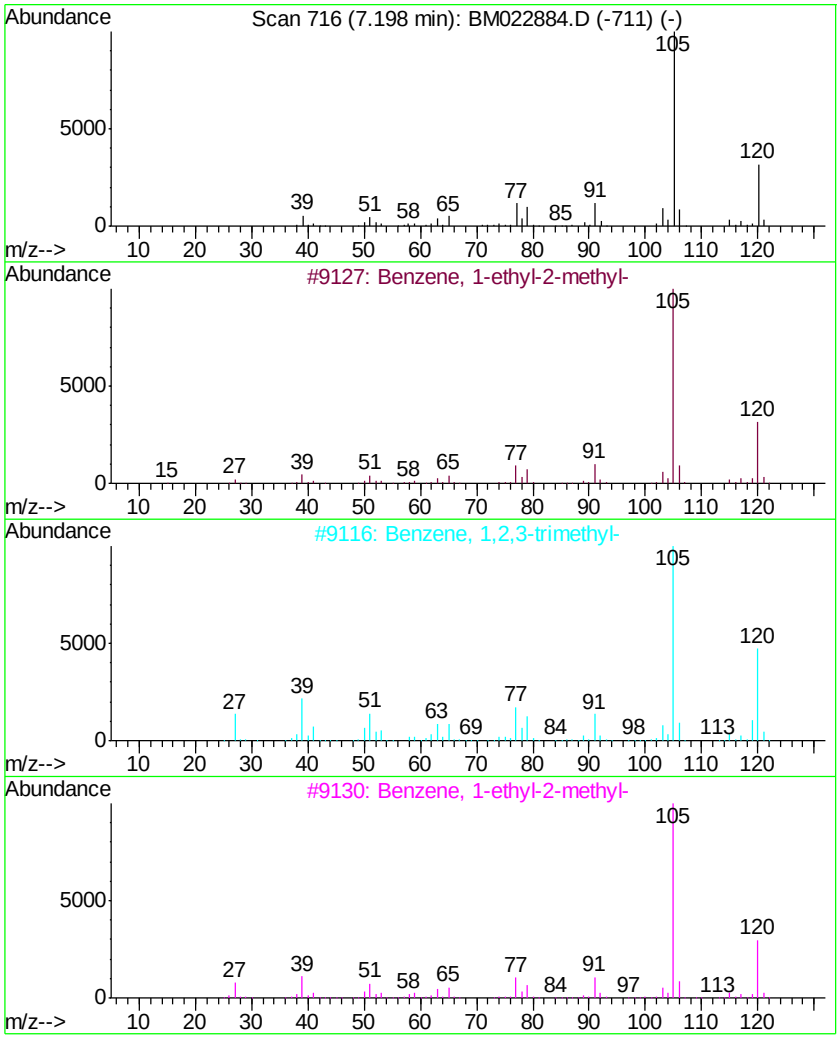
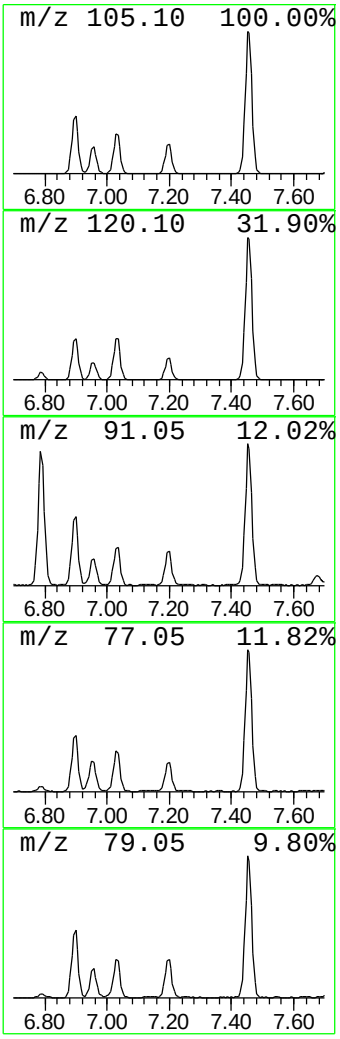
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	5.14 ng/ul	508858	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	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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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Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
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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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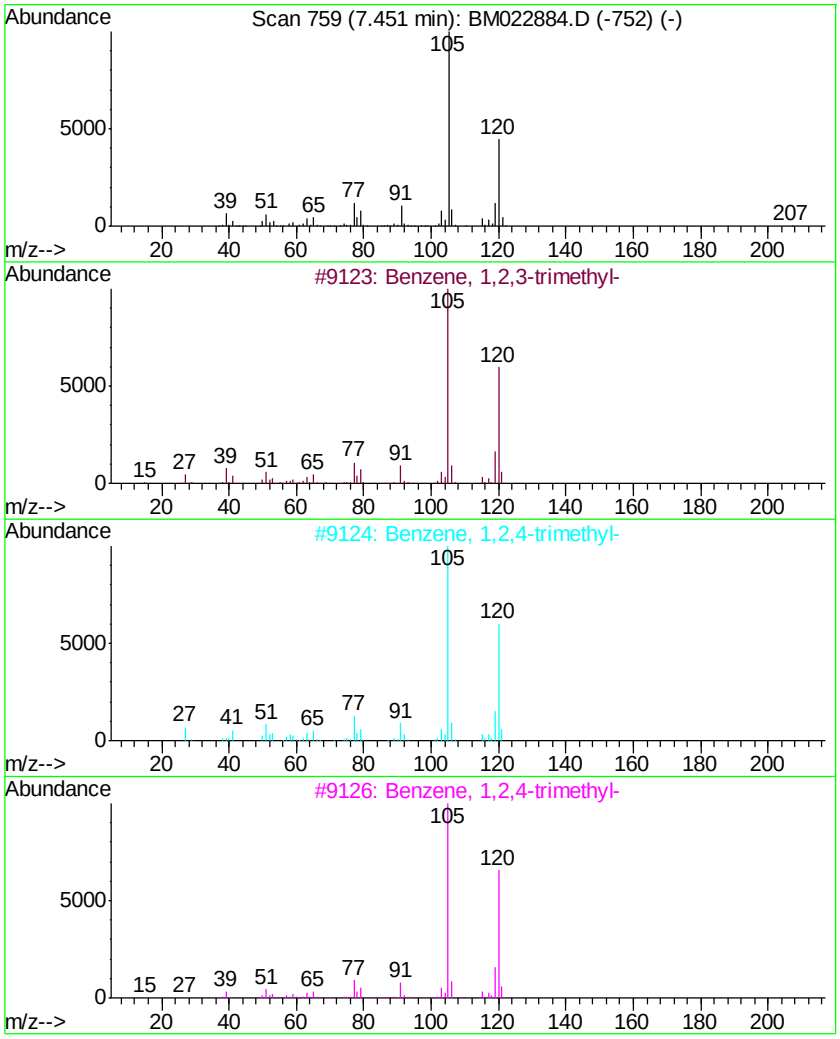
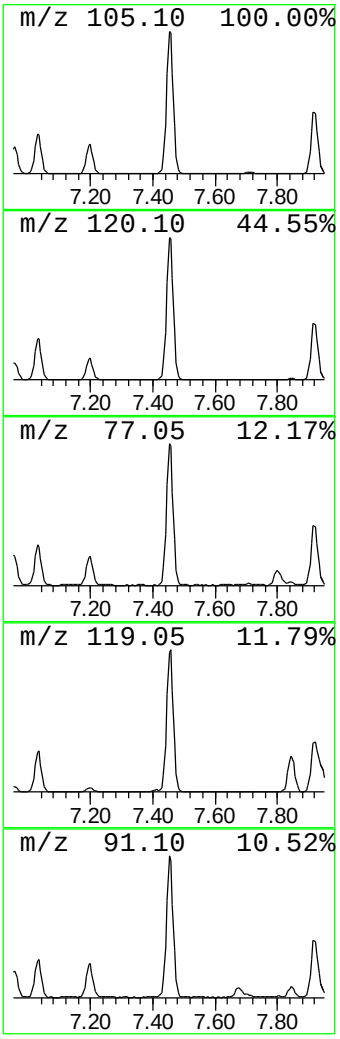
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	26.26 ng/ul	2597590	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	94
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 : BFDE8

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Quant Title : SVOA CALIBRATION

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

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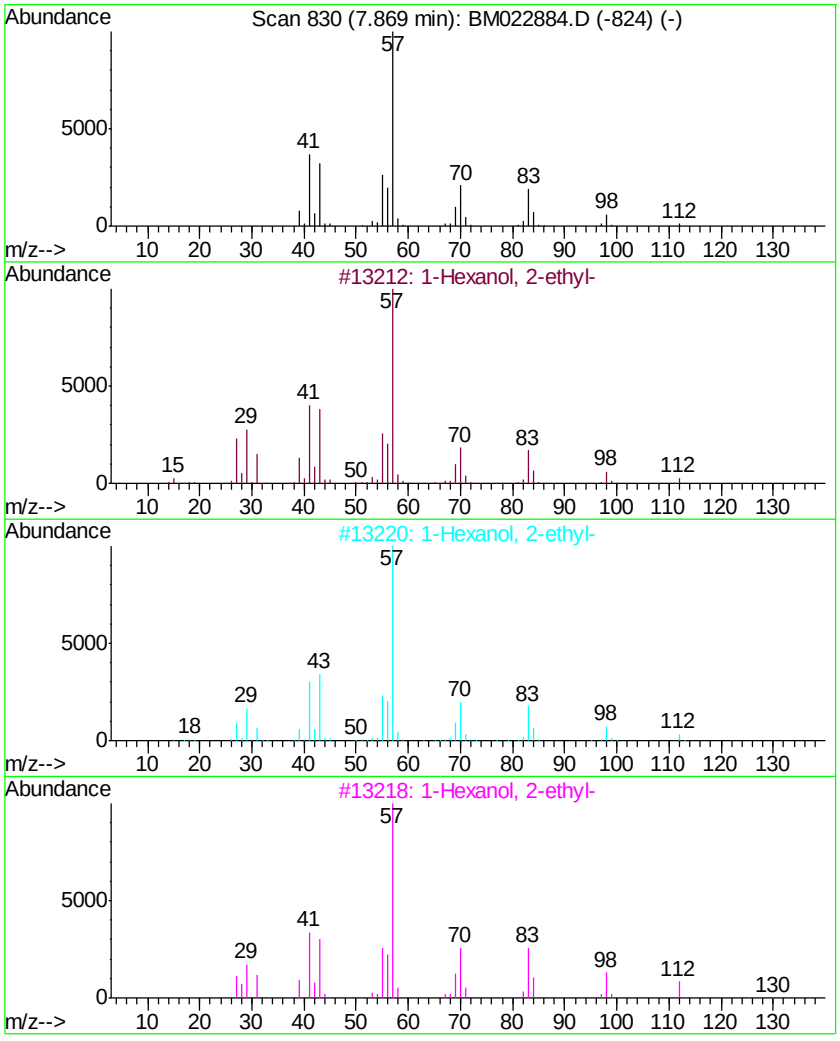
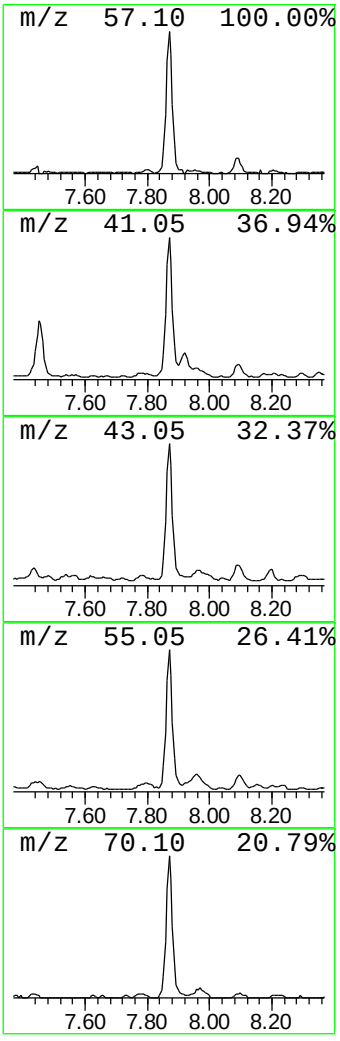
Peak Number 12 1-Hexanol, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	4.26 ng/ul	420882	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59
5	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	53





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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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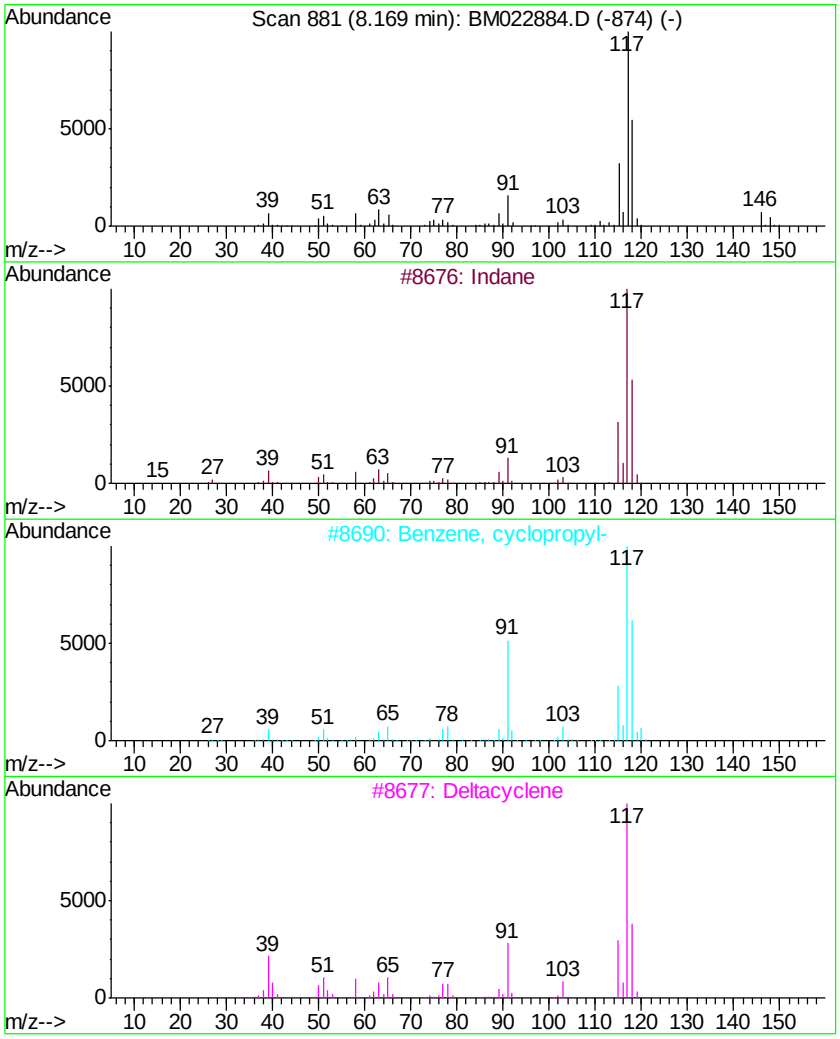
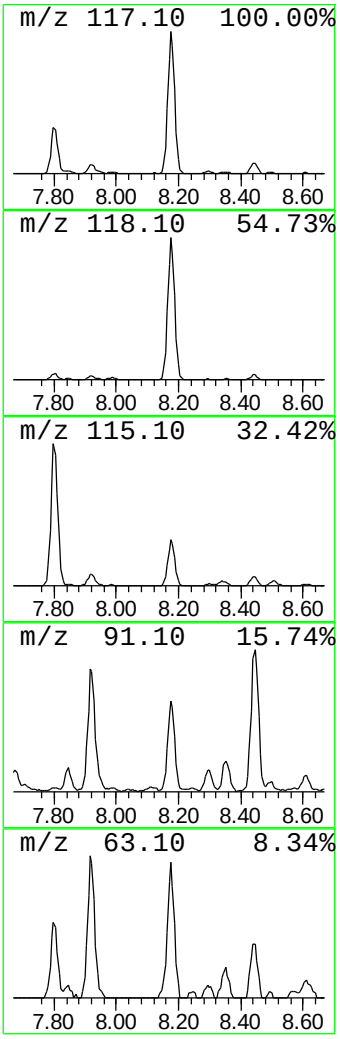
Peak Number 14 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.23 ng/ul	715286	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Indane	118	C9H10	000496-11-7	64
5	Indane	118	C9H10	000496-11-7	60





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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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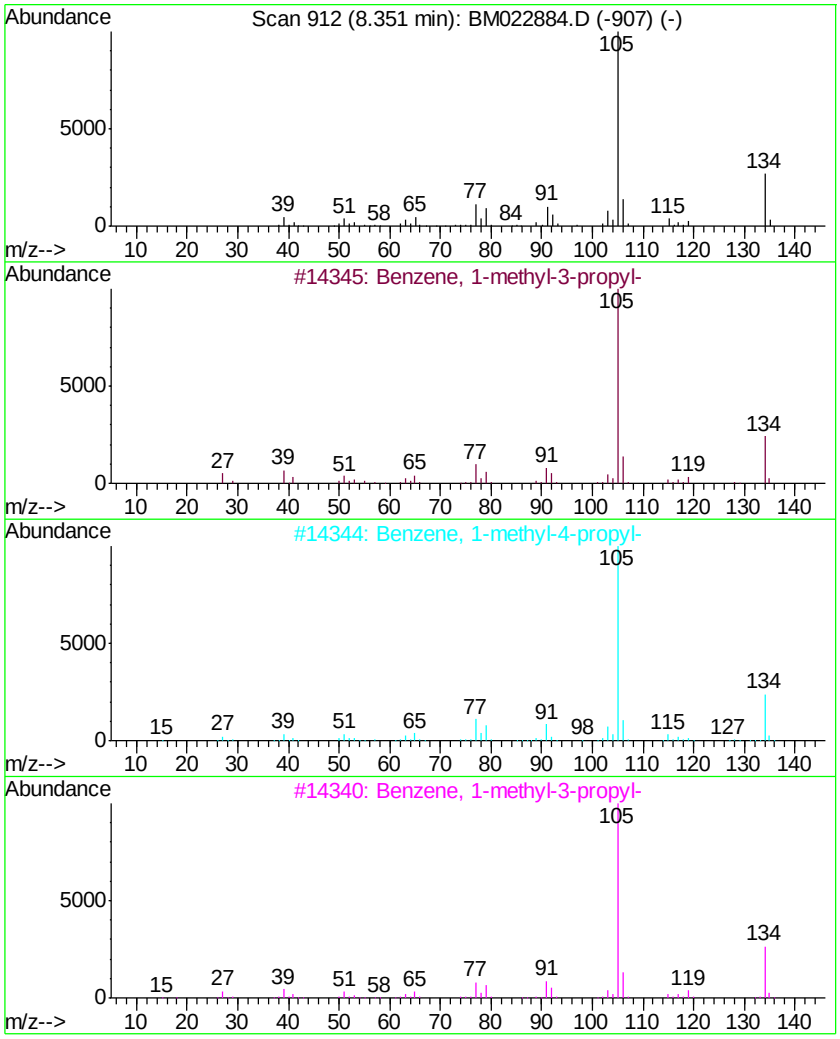
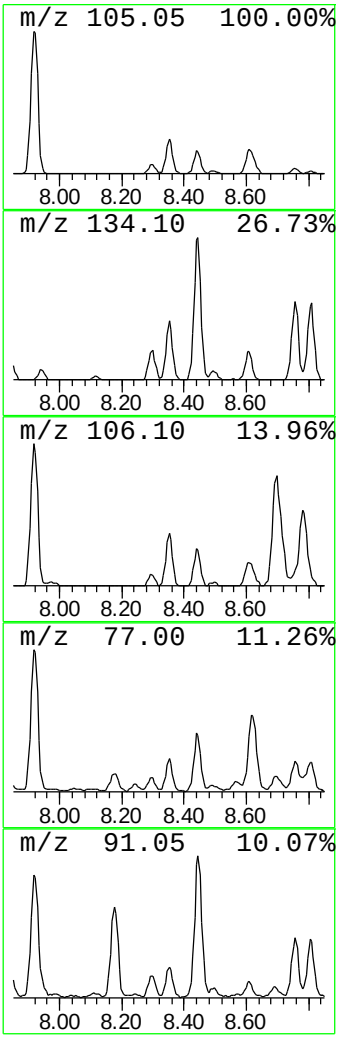
Peak Number 15 Benzene, 1-methyl-3-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.23 ng/ul	221020	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	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91





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Quant Title : SVOA CALIBRATION

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

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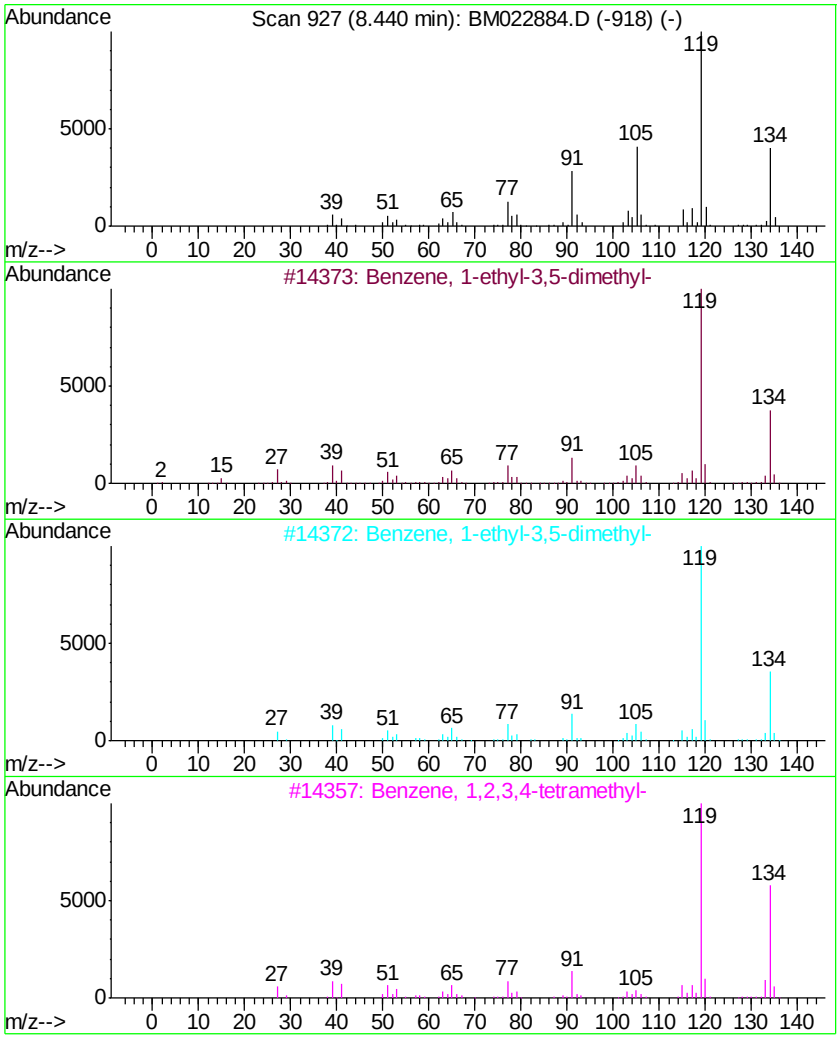
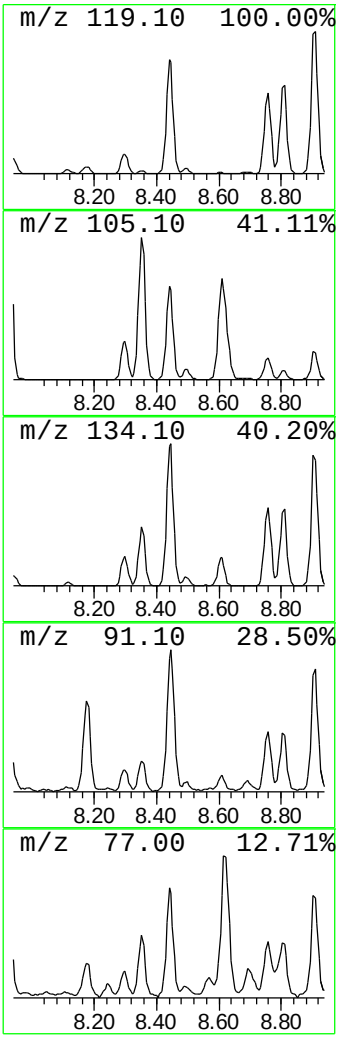
Peak Number 16 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	5.72 ng/ul	565554	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Quant Title : SVOA CALIBRATION

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

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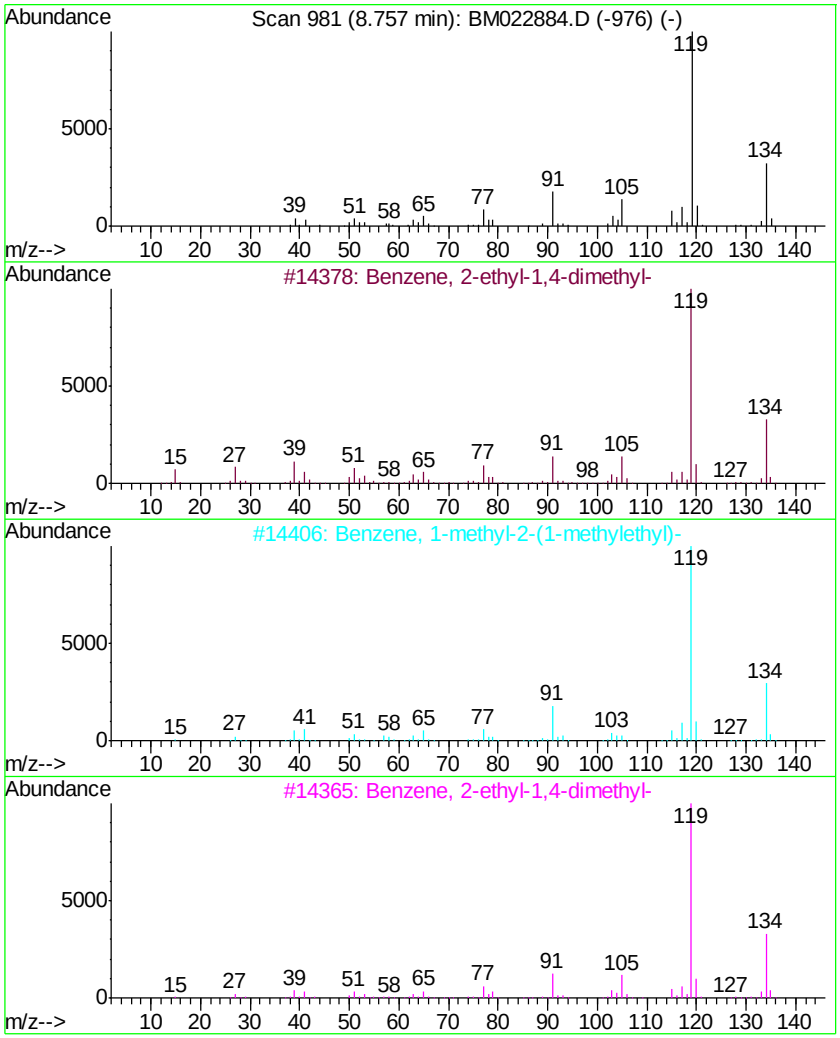
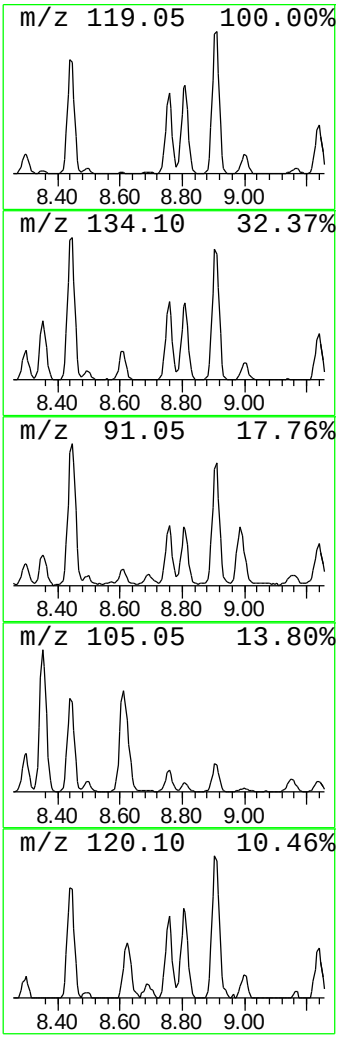
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.97 ng/ul	294021	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, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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Quant Title : SVOA CALIBRATION

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

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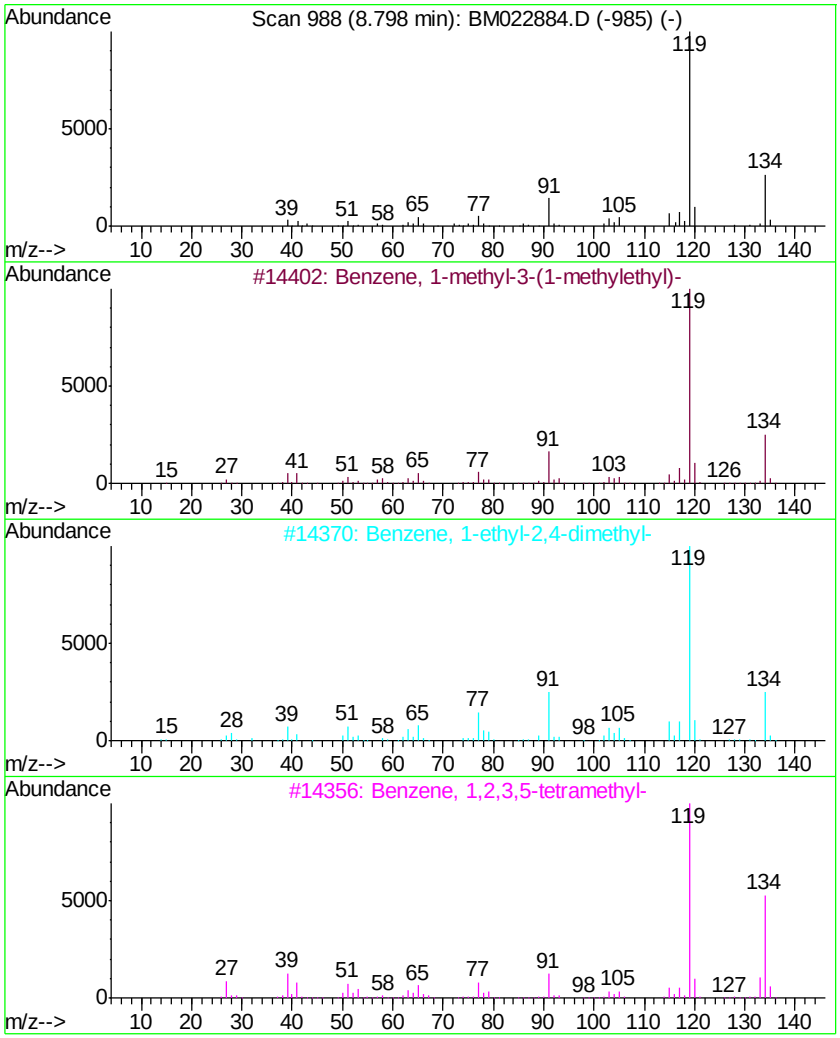
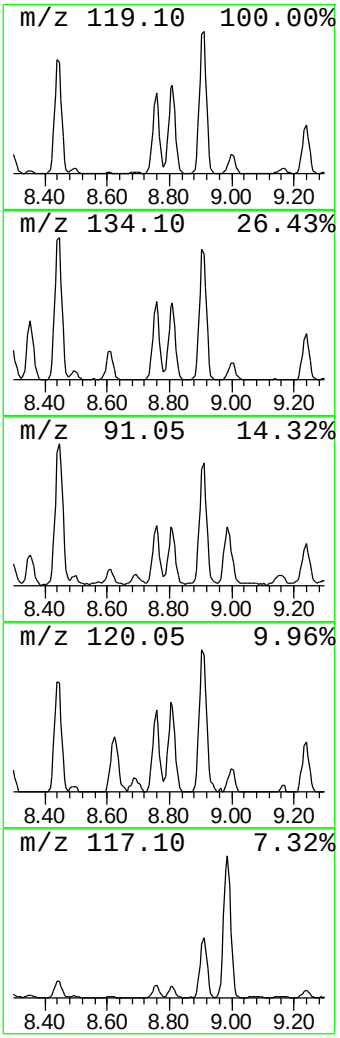
Peak Number 18 Benzene, 1-methyl-3-(1-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	3.43 ng/ul	338782	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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

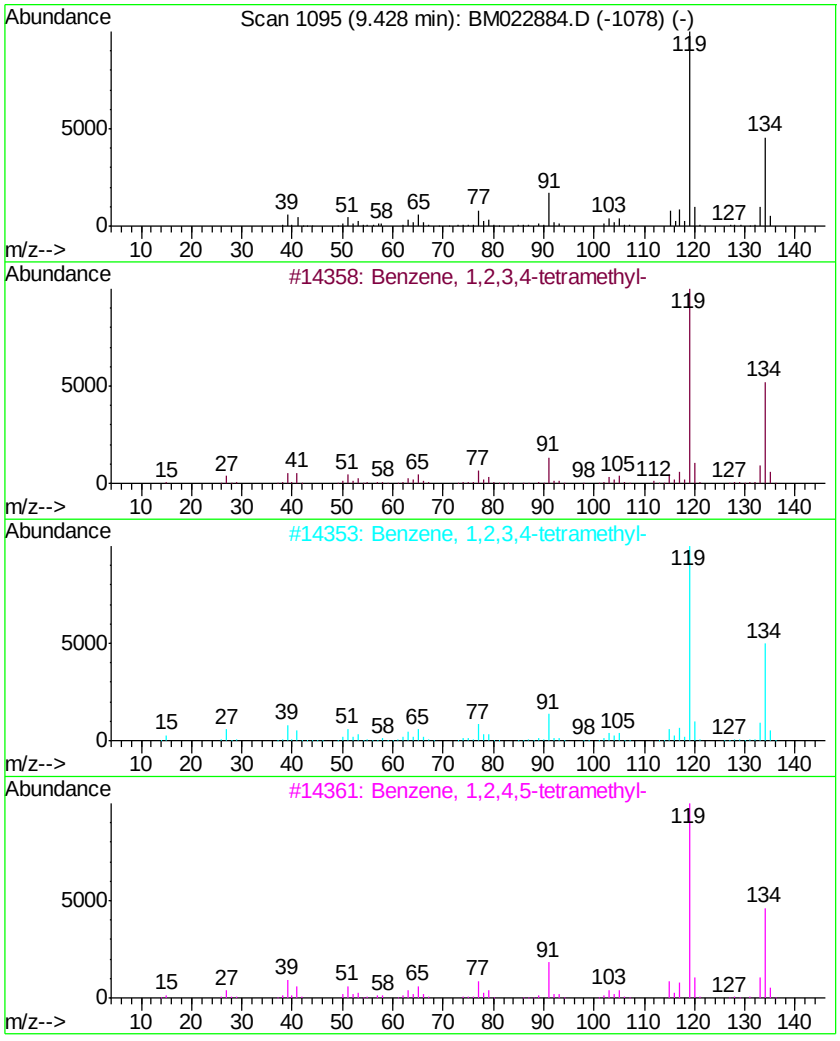
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

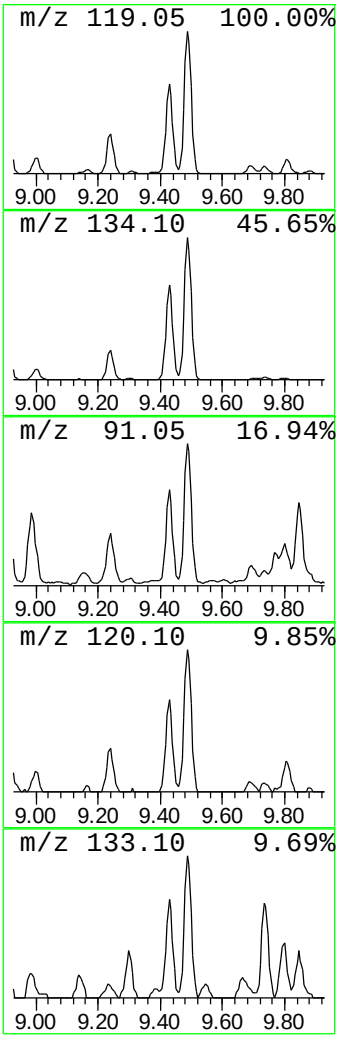
****

Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	3.04 ng/ul	483071	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, 1,2,3,4-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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





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Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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

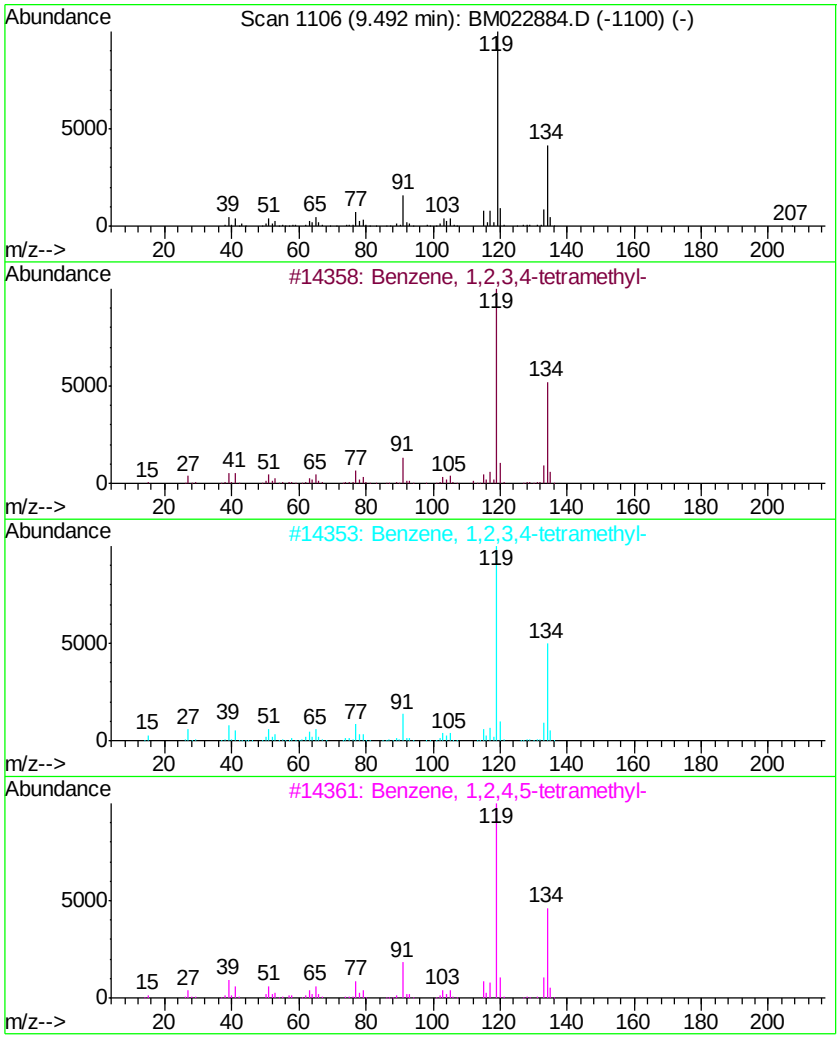
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

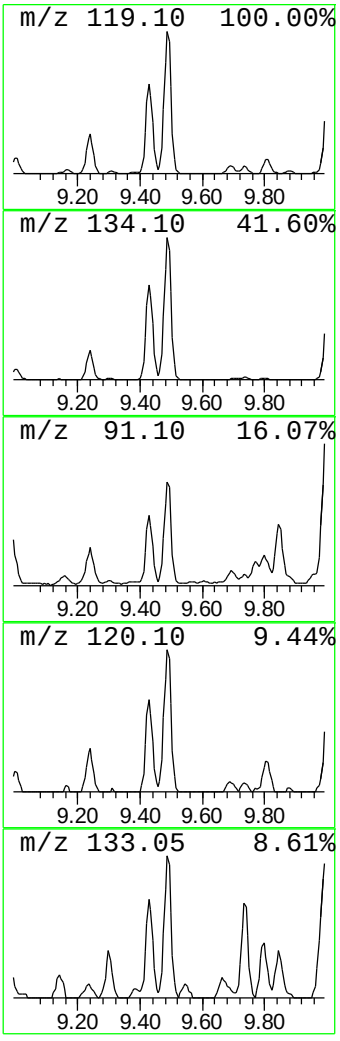
****

Peak Number 20 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	4.27 ng/ul	677220	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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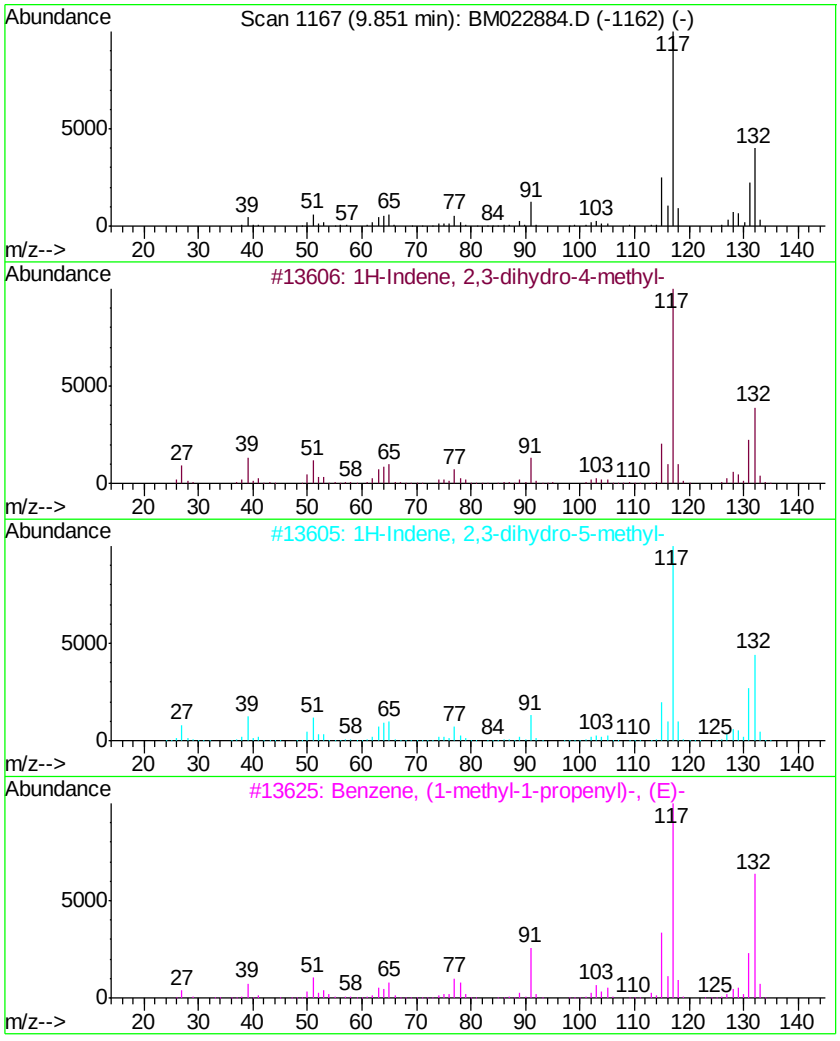
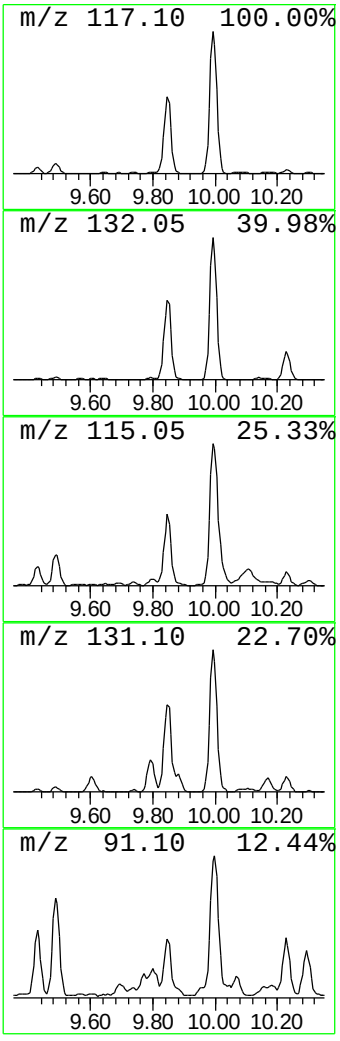
Peak Number 21 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.32 ng/ul	527387	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	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Library Search Compound Report

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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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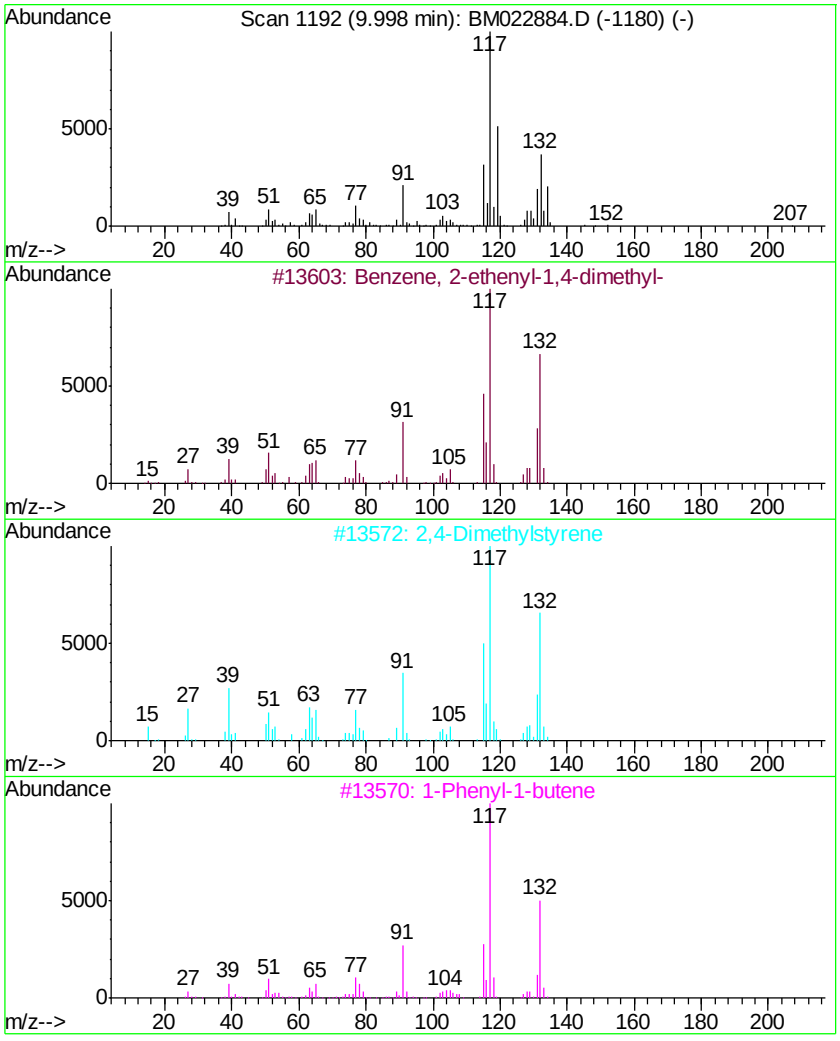
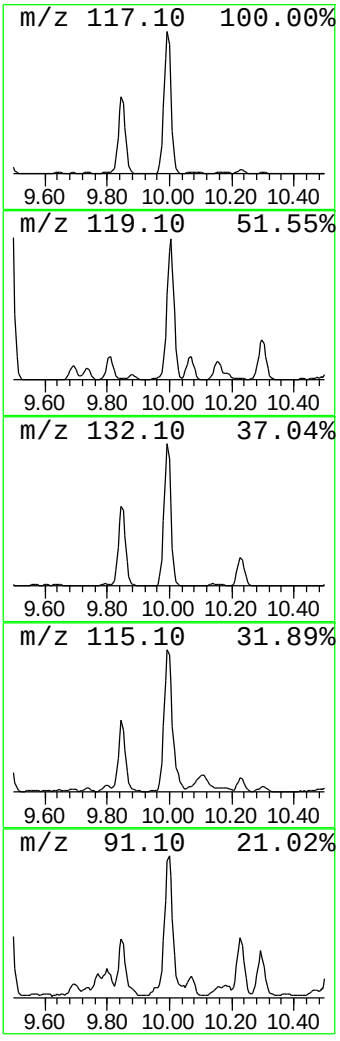
Peak Number 22 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	9.74 ng/ul	1546200	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	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	64
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64





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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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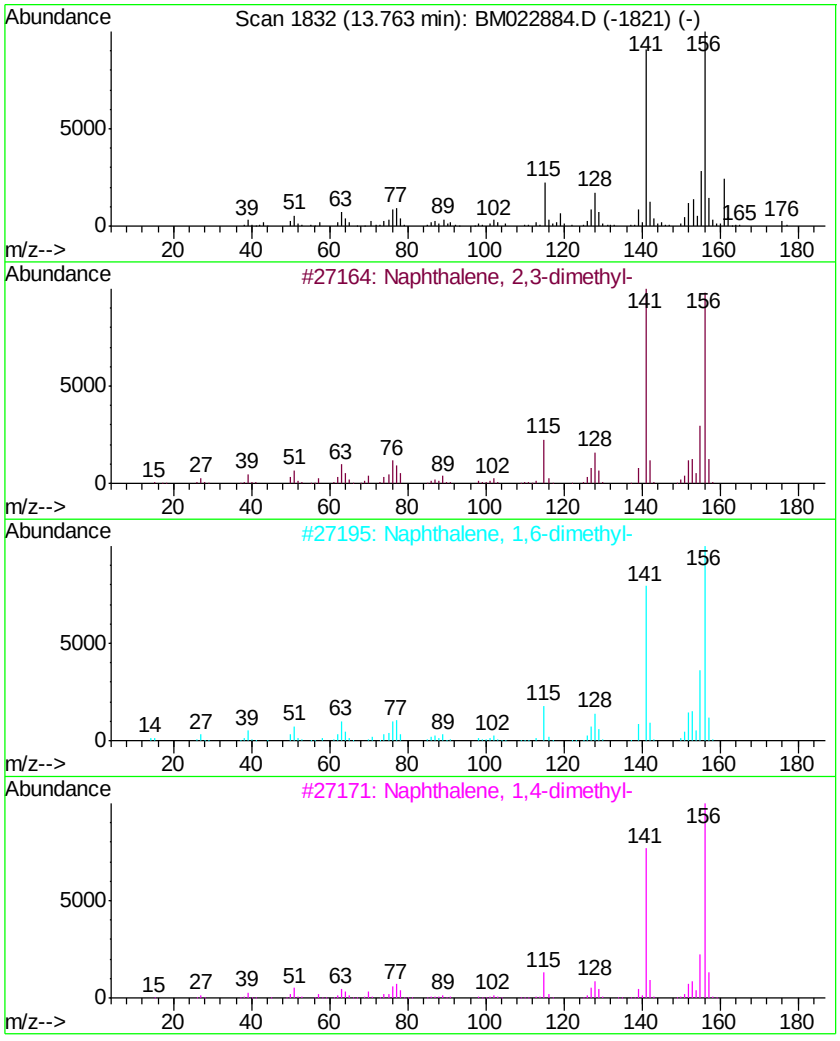
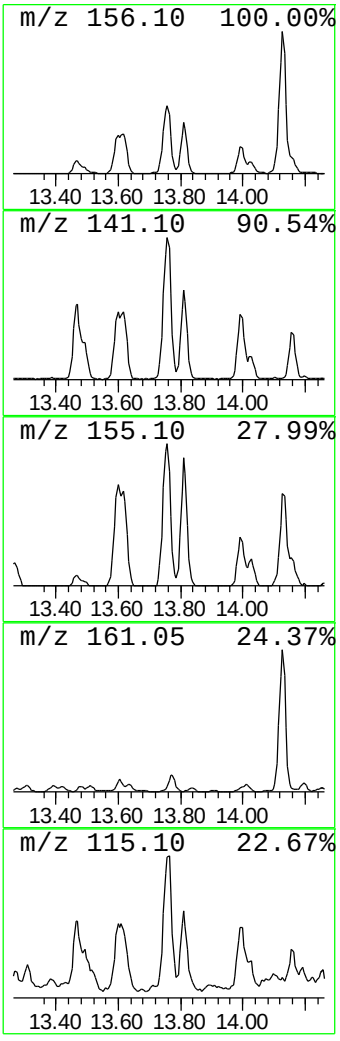
Peak Number 23 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.11 ng/ul	551910	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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

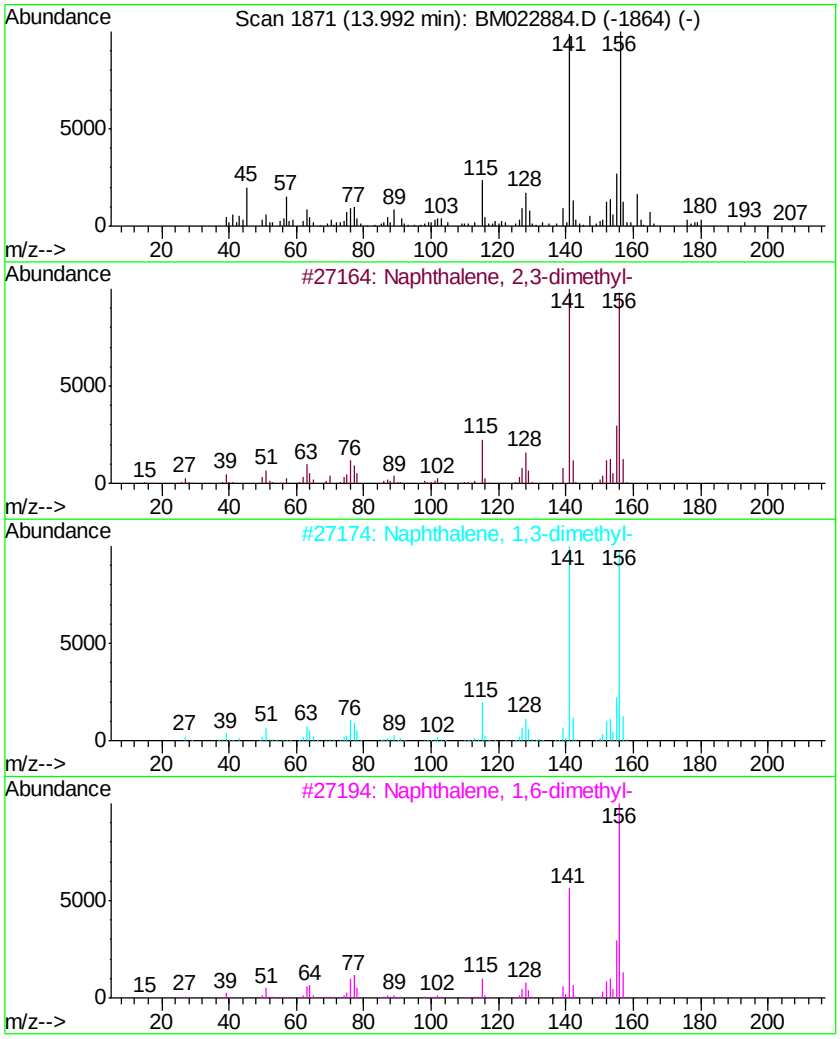
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

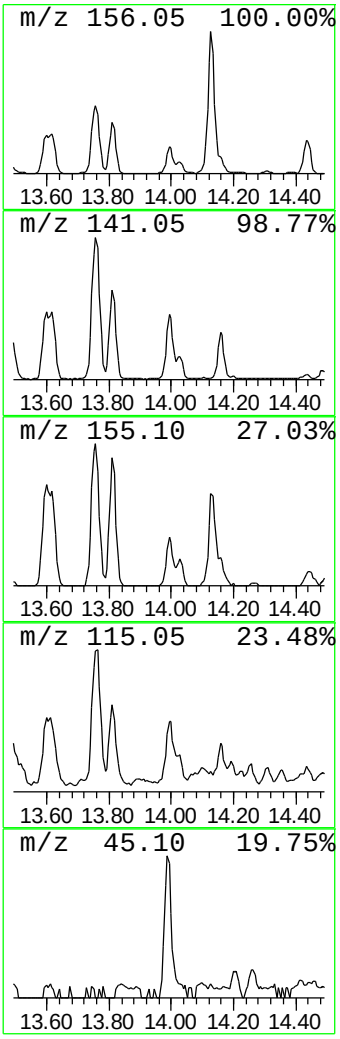
****

Peak Number 24 Naphthalene, 1,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	2.19 ng/ul	387552	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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

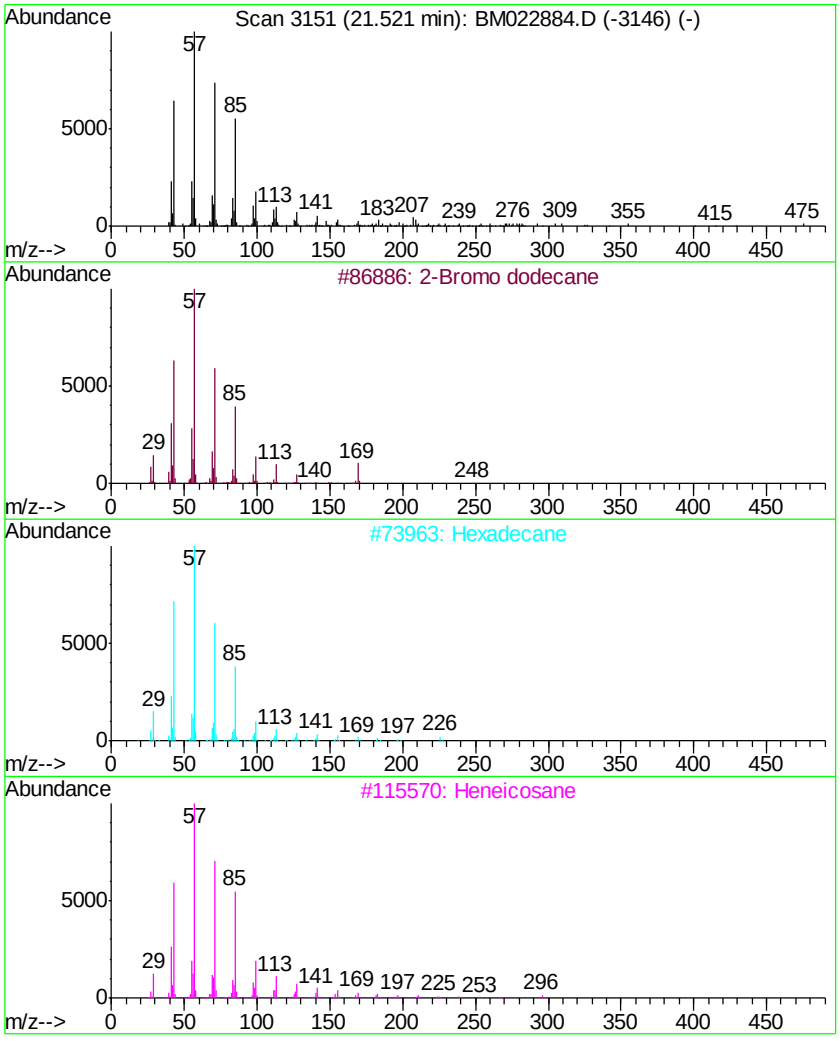
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

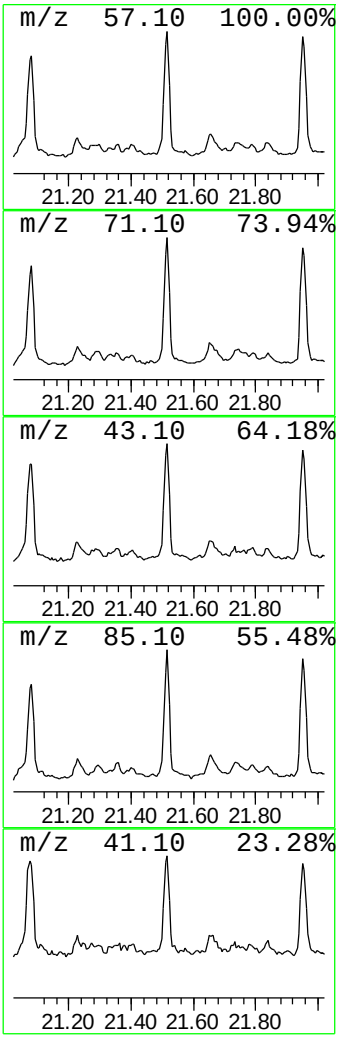
****

Peak Number 25 2-Bromo dodecane Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.03 ng/ul	339613	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





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Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

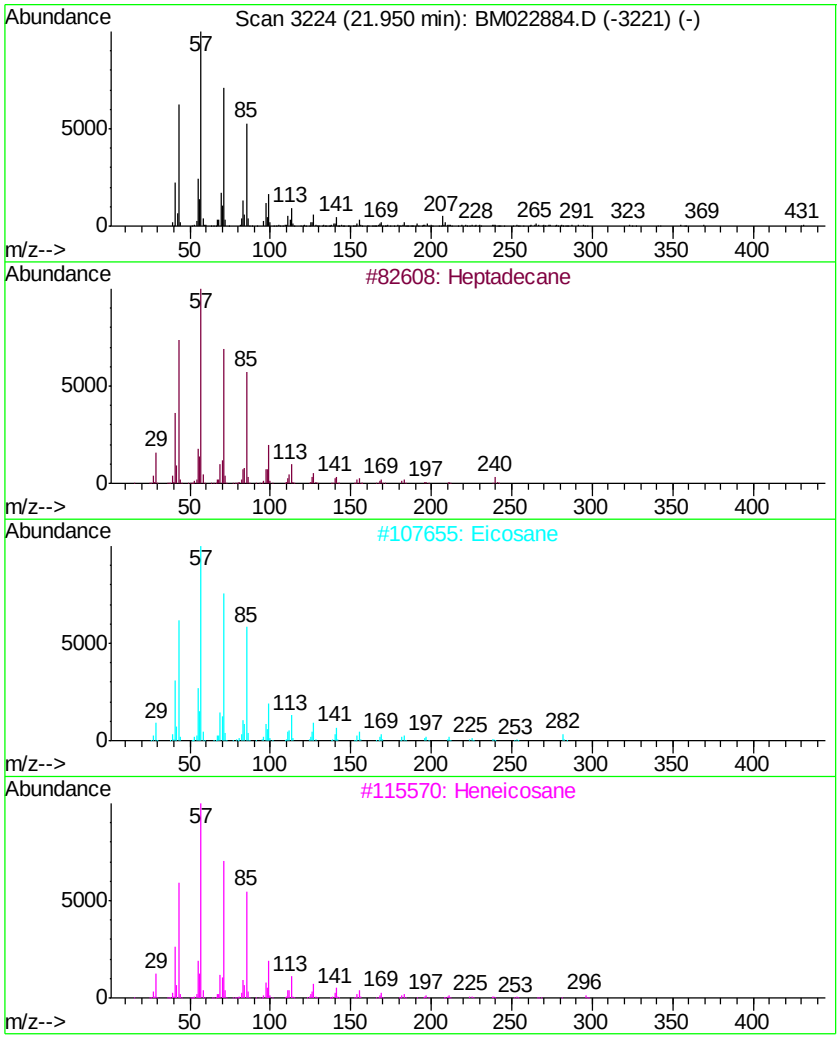
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

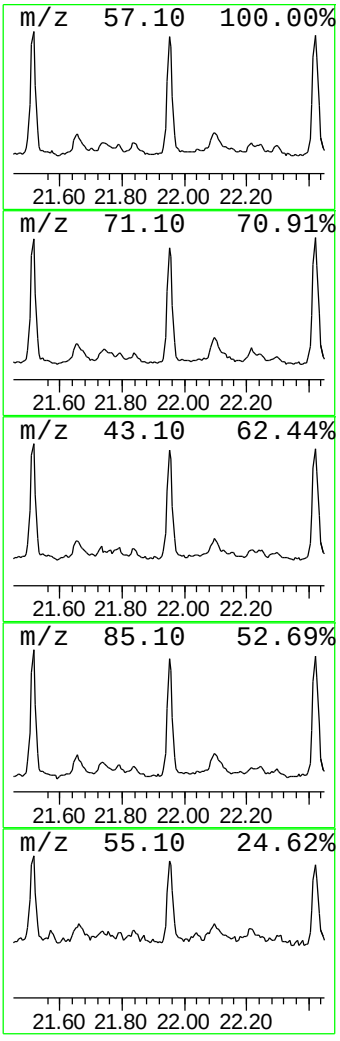
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	2.17 ng/ul	364180	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87





Library Search Compound Report

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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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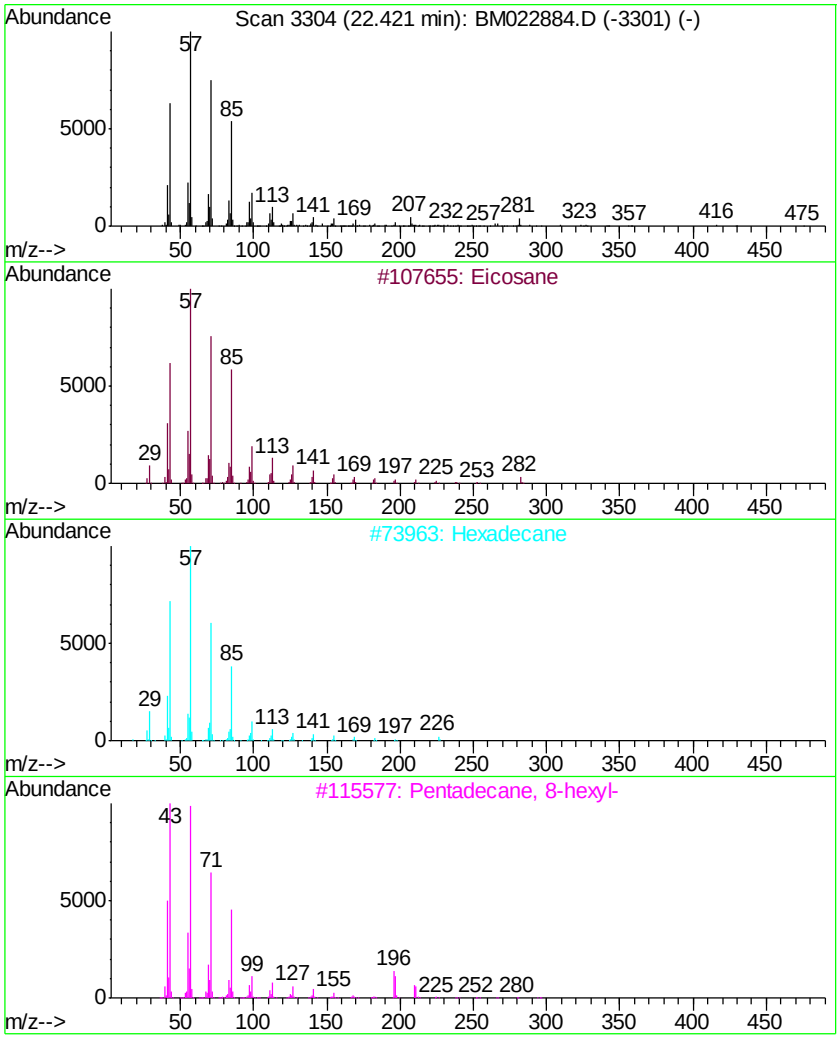
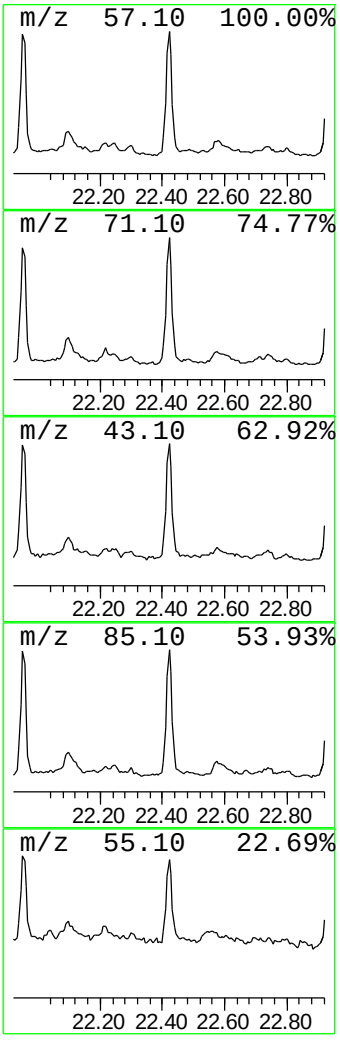
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.09 ng/ul	349841	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

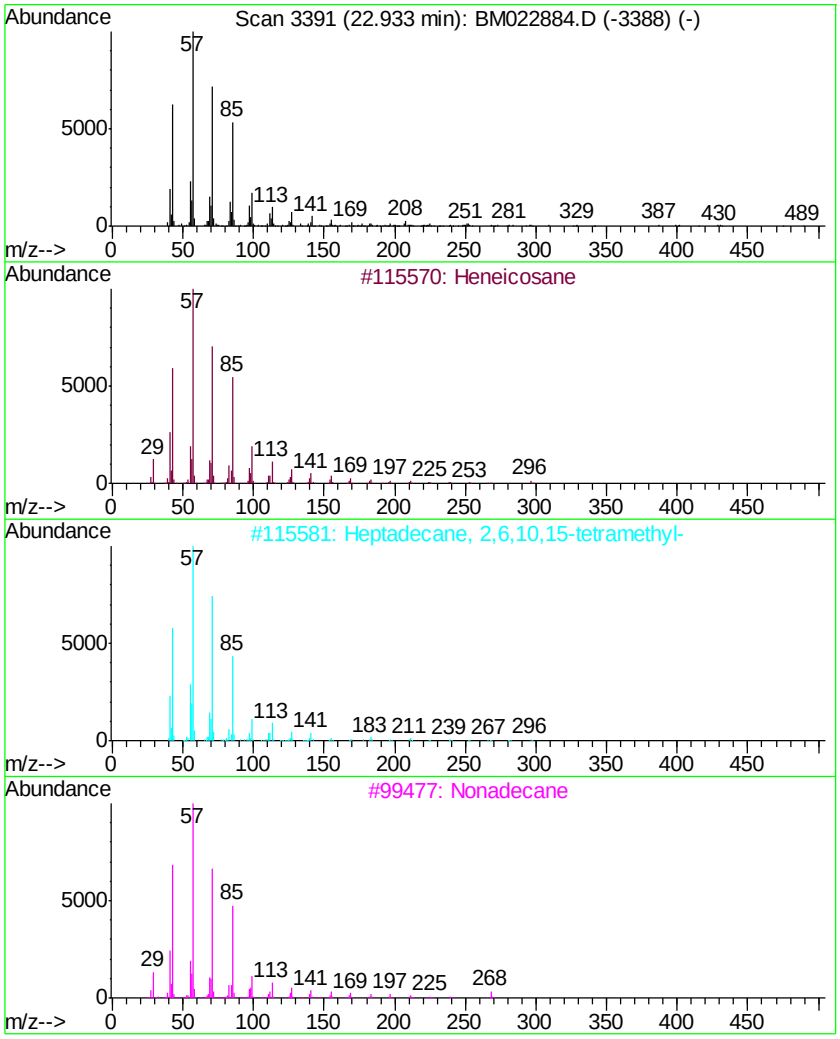
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

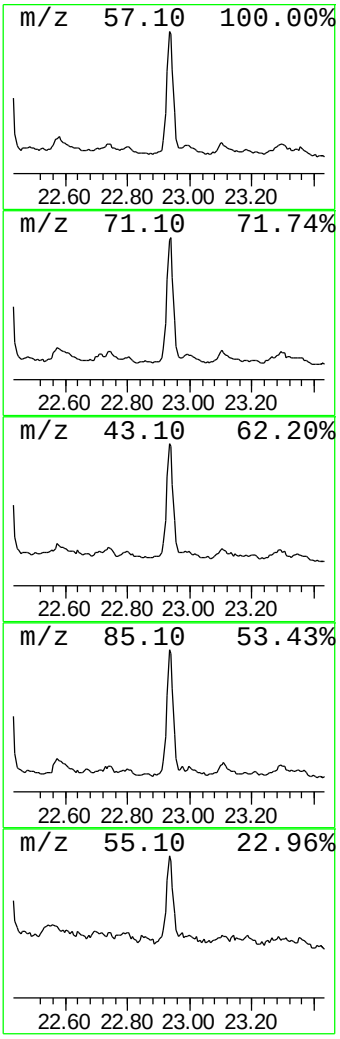
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.93	2.01 ng/ul	367522	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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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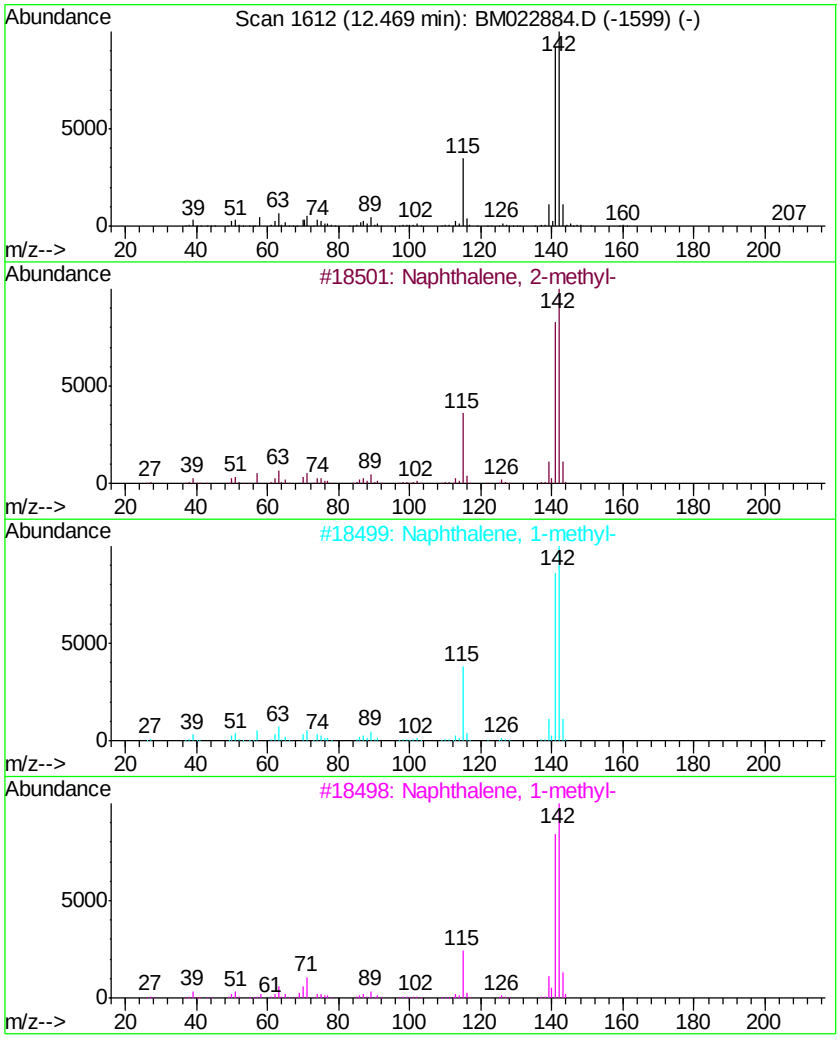
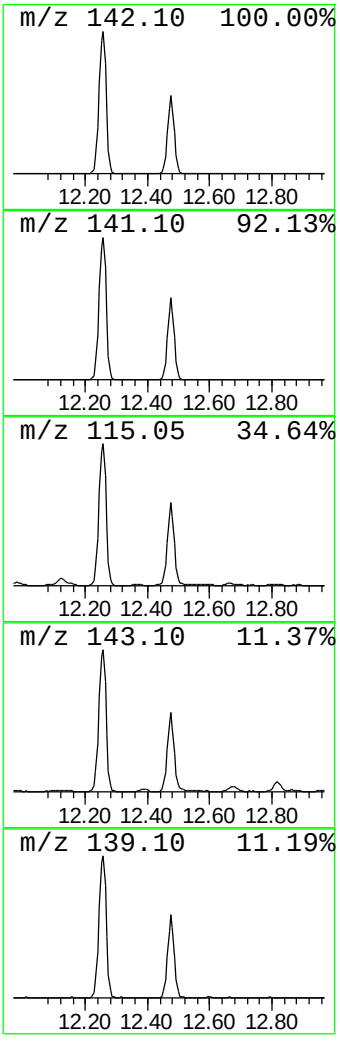
Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	11.74 ng/ul	1862170	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	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

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Data File : BM022884.D
Acq On : 02 Oct 2019 09:48
Operator : JU
Sample : K4932-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDE8

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
Methyl Isobutyl K...	3.61	2.6	ng/ul	259058	1	7.80	1978240	20.0
2-Pentanol, 4-met...	3.83	2.6	ng/ul	260177	1	7.80	1978240	20.0
Toluene	4.00	6.3	ng/ul	620673	1	7.80	1978240	20.0
3-Pentanone, 2,4-...	4.27	2.2	ng/ul	214622	1	7.80	1978240	20.0
Ethylbenzene	5.32	4.2	ng/ul	411879	1	7.80	1978240	20.0
p-Xylene	5.45	18.0	ng/ul	1775980	1	7.80	1978240	20.0
o-Xylene	5.82	10.8	ng/ul	1069860	1	7.80	1978240	20.0
Benzene, propyl-	6.79	2.1	ng/ul	205561	1	7.80	1978240	20.0
Benzene, 1-ethyl-...	6.90	9.4	ng/ul	926788	1	7.80	1978240	20.0
Benzene, 1-ethyl-...	7.20	5.1	ng/ul	508858	1	7.80	1978240	20.0
Benzene, 1,2,3-tr...	7.45	26.3	ng/ul	2597590	1	7.80	1978240	20.0
1-Hexanol, 2-ethyl-	7.87	4.3	ng/ul	420882	1	7.80	1978240	20.0
Indane	8.17	7.2	ng/ul	715286	1	7.80	1978240	20.0
Benzene, 1-methyl...	8.35	2.2	ng/ul	221020	1	7.80	1978240	20.0
Benzene, 1-ethyl-...	8.44	5.7	ng/ul	565554	1	7.80	1978240	20.0
Benzene, 2-ethyl-...	8.76	3.0	ng/ul	294021	1	7.80	1978240	20.0
Benzene, 1-methyl...	8.80	3.4	ng/ul	338782	1	7.80	1978240	20.0
Benzene, 1,2,3,4-...	9.43	3.0	ng/ul	483071	2	10.59	3173710	20.0
Benzene, 1,2,3,5-...	9.49	4.3	ng/ul	677220	2	10.59	3173710	20.0
1H-Indene, 2,3-di...	9.85	3.3	ng/ul	527387	2	10.59	3173710	20.0
Benzene, 2-etheny...	10.00	9.7	ng/ul	1546200	2	10.59	3173710	20.0
Naphthalene, 2,3-...	13.76	3.1	ng/ul	551910	3	14.43	3545810	20.0
Naphthalene, 1,6-...	13.99	2.2	ng/ul	387552	3	14.43	3545810	20.0
2-Bromo dodecane	21.52	2.0	ng/ul	339613	5	21.36	3353470	20.0
(DEL) Alkane: Str...	21.95	2.2	ng/ul	364180	5	21.36	3353470	20.0
(DEL) Alkane: Str...	22.42	2.1	ng/ul	349841	5	21.36	3353470	20.0
(DEL) Alkane: Str...	22.93	2.0	ng/ul	367522	6	23.62	3650660	20.0
Naphthalene, 1-me...	12.47	11.7	ng/ul	1862170	2	10.59	3173710	20.0