LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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-BM102319MA.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	3.493	81	86	93	rVB	1106287	1457623	14.58%	0.549%
2	3.710	118	123	132	rBV	1985092	3265249	32.66%	1.229%
3	3.875	146	151	164	rVB	2016665	2913648	29.14%	1.097%
4	5.175	367	372	380	rVB	946696	1412980	14.13%	0.532%
5	5.322	388	397	405	rBV	858311	2026291	20.27%	0.763%
6	5.669	450	456	467	rVV	2403364	3642494	36.44%	1.371%
7	6.628	612	619	623	rBV	337914	578602	5.79%	0.218%
8	6.734	632	637	642	rVB	884521	1267995	12.68%	0.477%
9	6.798	642	648	652	rBV3	873422	1839485	18.40%	0.693%
10	6.839	652	655	657	rVV	532140	790106	7.90%	0.297%
11	6.869	657	660	668	rVB	1195854	1705347	17.06%	0.642%
12	6.975	672	678	683	rBV	1370770	2129449	21.30%	0.802%
13	7.034	683	688	693	rVB	809019	1140382	11.41%	0.429%
14	7.169	705	711	723	rVB	1627329	2631691	26.32%	0.991%
15	7.286	724	731	737	rBV2	354070	666851	6.67%	0.251%
16	7.634	783	790	795	rBV	2328171	3668643	36.70%	1.381%
17	7.751	805	810	823	rVB	1890927	3082481	30.83%	1.160%
18	8.004	845	853	860	rVB2	953518	1932676	19.33%	0.728%
19	8.081	860	866	871	rBV	859280	1282775	12.83%	0.483%
20	8.186	878	884	888	rVB2	294626	527680	5.28%	0.199%
21	8.275	894	899	905	rBV	683241	1092699	10.93%	0.411%
22	8.345	905	911	916	rBV	1230487	1995874	19.96%	0.751%
23	8.410	916	922	936	rVB2	1428614	2927458	29.28%	1.102%
24	8.586	948	952	957	rBV	274470	413516	4.14%	0.156%
25	8.639	957	961	968	rVB	293337	469304	4.69%	0.177%
26	8.739	968	978	981	rBV	917948	1692739	16.93%	0.637%
27	8.781	981	985	990	rBV	1342264	1786132	17.87%	0.672%
28	8.945	1005	1013	1019	rBV2	219296	490535	4.91%	0.185%
29	9.063	1026	1033	1040	rVB4	409232	949878	9.50%	0.358%
30	9.257	1060	1066	1071	rVB3	668859	1164744	11.65%	0.438%
31	9.316	1071	1076	1085	rBV	739781	1427422	14.28%	0.537%
32	9.398	1085	1090	1096	rVB3	317094	546820	5.47%	0.206%
33	9.498	1096	1107	1116	rBV2	1599832	3198915	32.00%	1.204%
34	9.604	1116	1125	1128	rBV	1766163	3084145	30.85%	1.161%

LSC Area Percent Report

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Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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-BM102319MA.M
Title : SVOA CALIBRATION

35	9.633	1128	1130	1134	rVV	1375423	1892135	18.93%	0.712%
36	9.675	1134	1137	1151	rVB2	623485	1113360	11.14%	0.419%
37	9.822	1151	1162	1165	rBV2	1382347	2914137	29.15%	1.097%
38	9.857	1165	1168	1173	rVV	1439952	3287109	32.88%	1.237%
39	9.910	1173	1177	1184	rVB	1939572	3084209	30.85%	1.161%
40	10.039	1192	1199	1208	rVB3	2562495	5255797	52.57%	1.979%
41	10.210	1222	1228	1233	rVV5	183623	407098	4.07%	0.153%
42	10.292	1234	1242	1247	rVV2	740755	1451769	14.52%	0.547%
43	10.416	1254	1263	1267	rVV	3192170	5815572	58.17%	2.189%
44	10.463	1267	1271	1279	rVV	3780960	6669643	66.72%	2.511%
45	10.575	1286	1290	1298	rVB3	339329	610963	6.11%	0.230%
46	10.774	1319	1324	1331	rBV	770580	1361462	13.62%	0.513%
47	10.974	1352	1358	1365	rBV3	421072	1099200	11.00%	0.414%
48	11.169	1381	1391	1398	rBV2	3094529	6174064	61.76%	2.324%
49	11.345	1416	1421	1426	rVB2	200430	422332	4.22%	0.159%
50	11.398	1426	1430	1435	rBV3	386067	654046	6.54%	0.246%
51	11.780	1487	1495	1499	rBV4	159614	433972	4.34%	0.163%
52	12.086	1540	1547	1552	rVB	2141128	3649208	36.50%	1.374%
53	12.304	1580	1584	1590	rVB	1269892	2035173	20.36%	0.766%
54	12.363	1590	1594	1598	rBV	244575	486144	4.86%	0.183%
55	12.451	1607	1609	1617	rVB2	726551	930349	9.31%	0.350%
56	12.586	1625	1632	1641	rBV5	347260	1061218	10.62%	0.400%
57	13.080	1707	1716	1721	rBV	1634656	3346473	33.47%	1.260%
58	13.127	1721	1724	1727	rVV	352658	458754	4.59%	0.173%
59	13.439	1771	1777	1783	rBV6	324671	888337	8.89%	0.334%
60	13.527	1788	1792	1796	rBV2	629233	952541	9.53%	0.359%
61	13.698	1816	1821	1825	rVV	4177479	5795861	57.98%	2.182%
62	13.745	1825	1829	1833	rVV	1823966	2348831	23.49%	0.884%
63	13.792	1833	1837	1841	rVV	502231	669556	6.70%	0.252%
64	13.833	1841	1844	1849	rVB4	454075	589845	5.90%	0.222%
65	13.939	1857	1862	1863	rBV2	747608	999036	9.99%	0.376%
66	13.968	1863	1867	1872	rVV	4570143	7157482	71.60%	2.695%
67	14.010	1872	1874	1878	rVV2	608170	688331	6.89%	0.259%
68	14.280	1914	1920	1925	rBV	4762154	7226129	72.28%	2.720%
69	14.327	1925	1928	1934	rVB	1031302	1380185	13.81%	0.520%
70	14.445	1942	1948	1952	rBV	329141	664626	6.65%	0.250%
71	14.492	1952	1956	1960	rVV2	913049	1550110	15.51%	0.584%

LSC Area Percent Report

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Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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-BM102319MA.M
Title : SVOA CALIBRATION

72	14.533	1960	1963	1973	rVB3	537667	1045130	10.45%	0.393%
73	14.745	1996	1999	2003	rBV2	324662	630467	6.31%	0.237%
74	15.280	2084	2090	2096	rVB	5845174	8288232	82.91%	3.120%
75	15.404	2106	2111	2118	rBV	1349272	2017532	20.18%	0.760%
76	15.662	2150	2155	2164	rVV	2010286	4148849	41.50%	1.562%
77	15.757	2164	2171	2178	rVV	4521176	9236461	92.39%	3.477%
78	15.821	2178	2182	2193	rVB2	1749787	3476685	34.78%	1.309%
79	16.033	2214	2218	2228	rVB3	583091	1276613	12.77%	0.481%
80	16.368	2271	2275	2280	rVB	694992	949898	9.50%	0.358%
81	17.027	2382	2387	2398	rVB2	4931448	7454258	74.56%	2.806%
82	17.127	2398	2404	2410	rBV	5612976	8101627	81.04%	3.050%
83	17.956	2540	2545	2560	rBV	6708200	9997162	100.00%	3.764%
84	19.092	2735	2738	2740	rBV	501502	594552	5.95%	0.224%
85	19.245	2759	2764	2773	rBV	4466965	5859309	58.61%	2.206%
86	19.427	2790	2795	2800	rBV	5299216	6871808	68.74%	2.587%
87	19.474	2800	2803	2806	rBV2	398074	433850	4.34%	0.163%
88	20.009	2891	2894	2898	rVB	713271	745400	7.46%	0.281%
89	20.503	2972	2978	2982	rBV2	1149815	2119589	21.20%	0.798%
90	20.968	3053	3057	3062	rVB	2274578	2641297	26.42%	0.994%
91	21.221	3096	3100	3107	rBV	4248946	5556784	55.58%	2.092%
92	21.403	3128	3131	3136	rVB	2596340	2916465	29.17%	1.098%
93	21.838	3201	3205	3211	rVB	3240428	3850635	38.52%	1.450%
94	22.297	3278	3283	3292	rVB	3633904	4761046	47.62%	1.792%
95	22.797	3363	3368	3374	rBV	3275399	4701557	47.03%	1.770%
96	23.285	3446	3451	3458	rVB	3834378	6492071	64.94%	2.444%
97	23.356	3458	3463	3469	rVV	2765321	4619342	46.21%	1.739%
98	23.427	3469	3475	3485	rVB	3141799	5982569	59.84%	2.252%
99	23.997	3567	3572	3581	rVB	1903008	3724998	37.26%	1.402%
100	24.738	3694	3698	3708	rVB	1118686	2403990	24.05%	0.905%

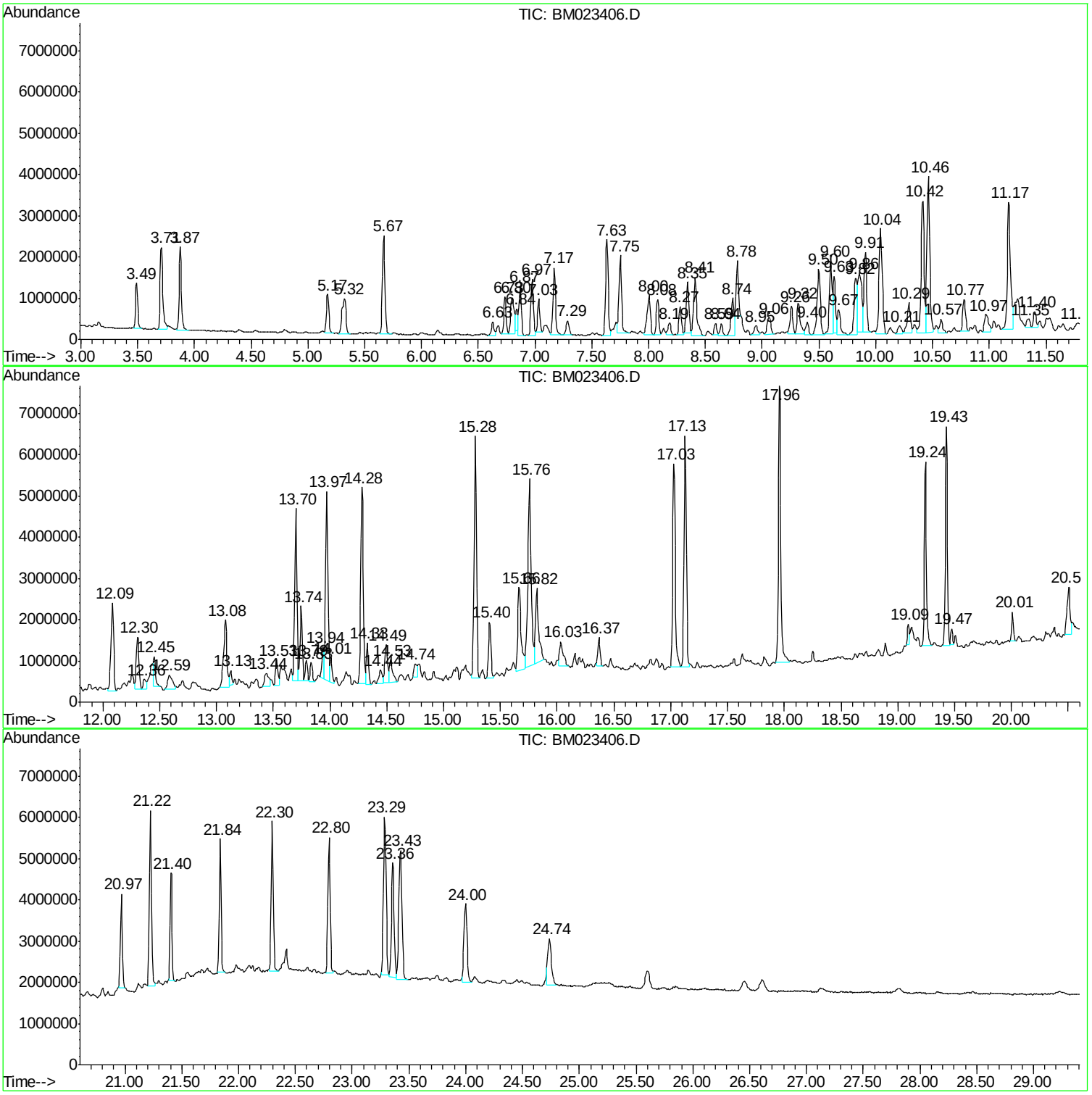
Sum of corrected areas: 265625862

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

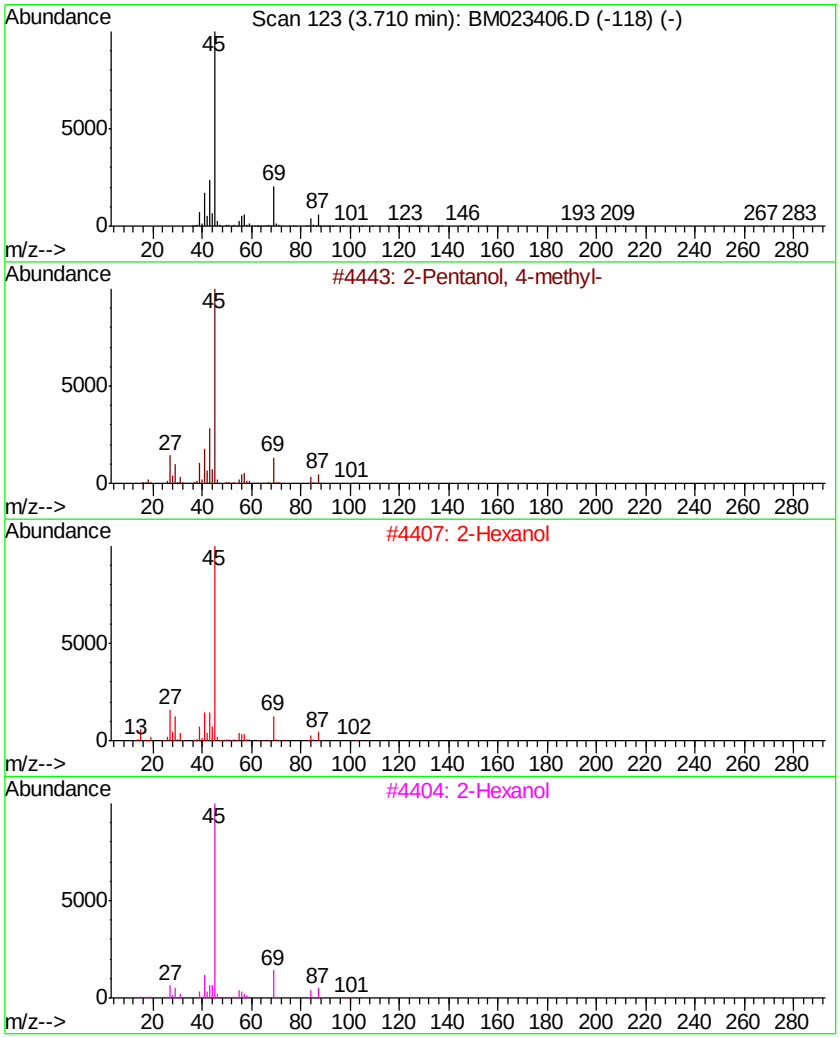
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

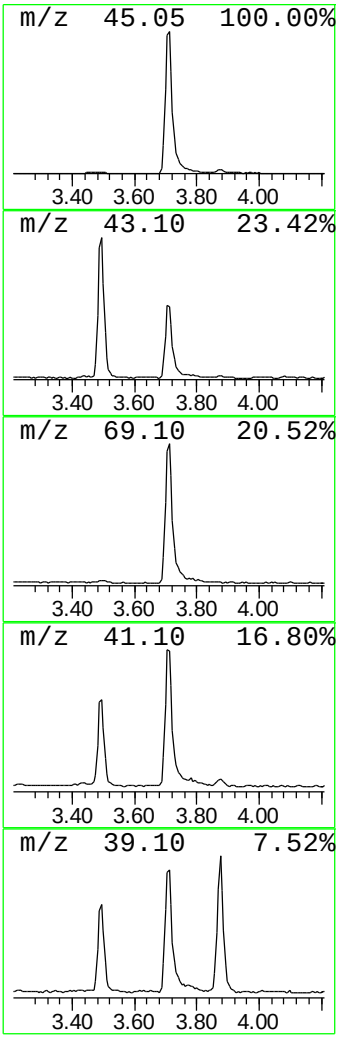
****

Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	17.80 ng/ul	3265250	1,4-Dichlorobenzene-d4	7.63

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-Hexanol	102	C6H14O	000626-93-7	78
4	2-Hexanol	102	C6H14O	000626-93-7	64
5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

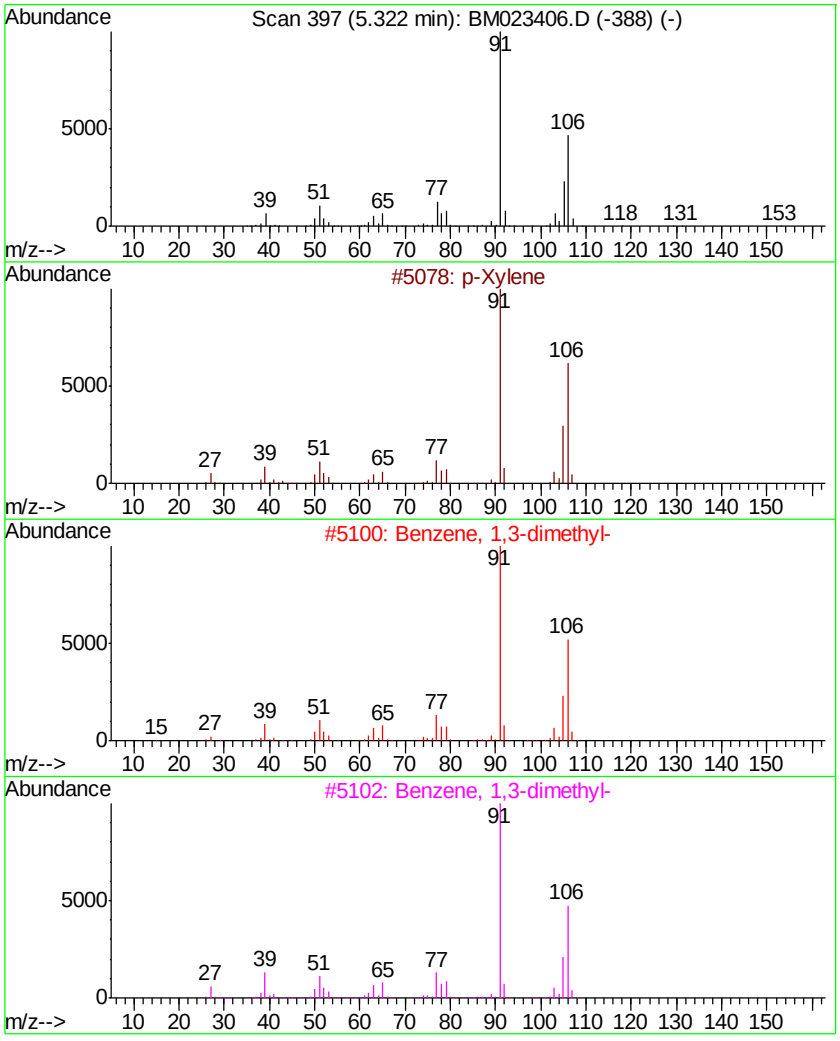
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

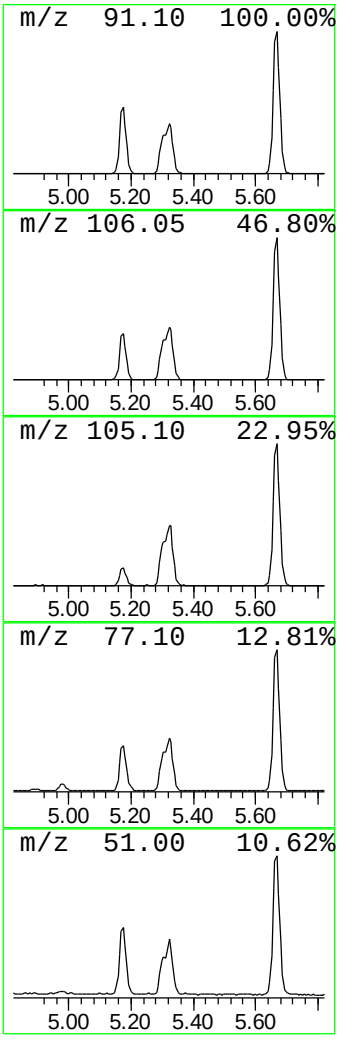
****

Peak Number 5 p-Xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	11.05 ng/ul	2026290	1,4-Dichlorobenzene-d4	7.63

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

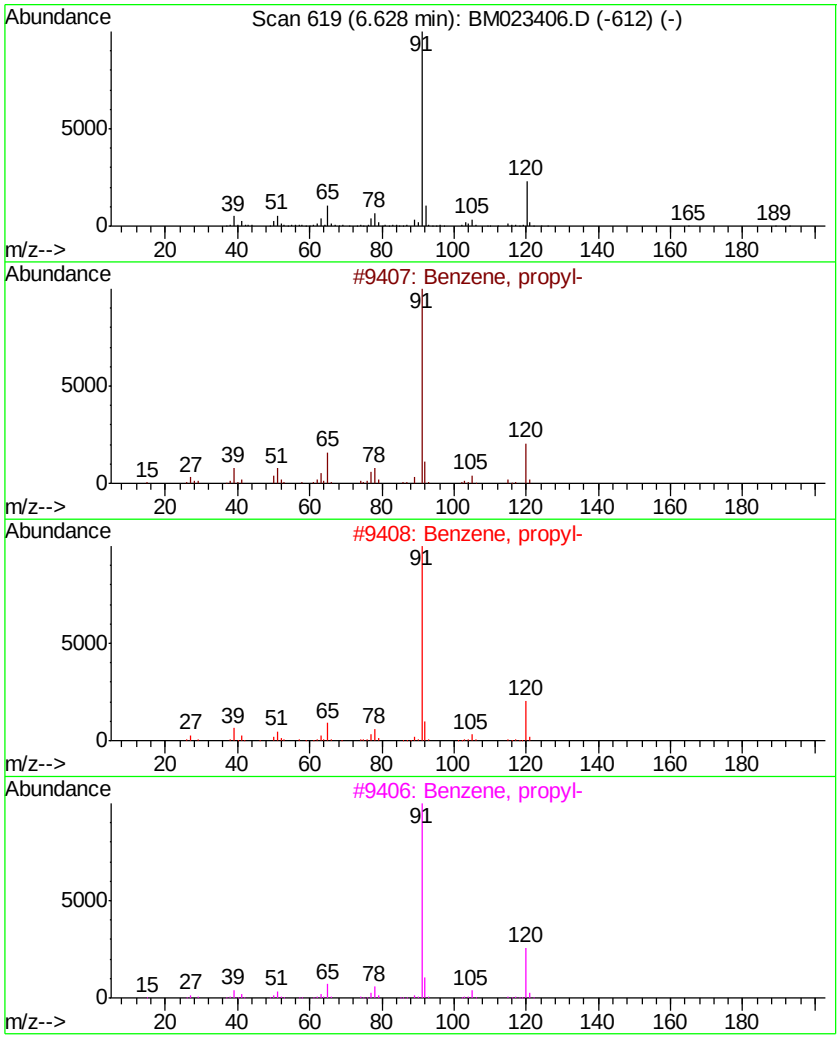
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

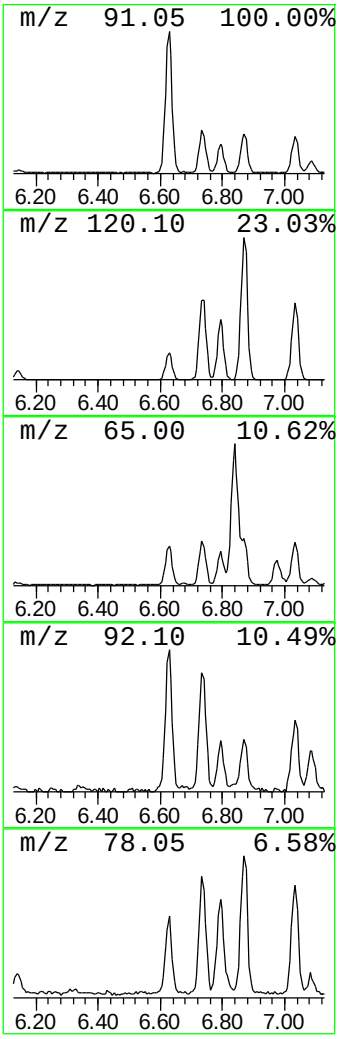
****

Peak Number 7 Benzene, propyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	3.15 ng/ul	578602	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

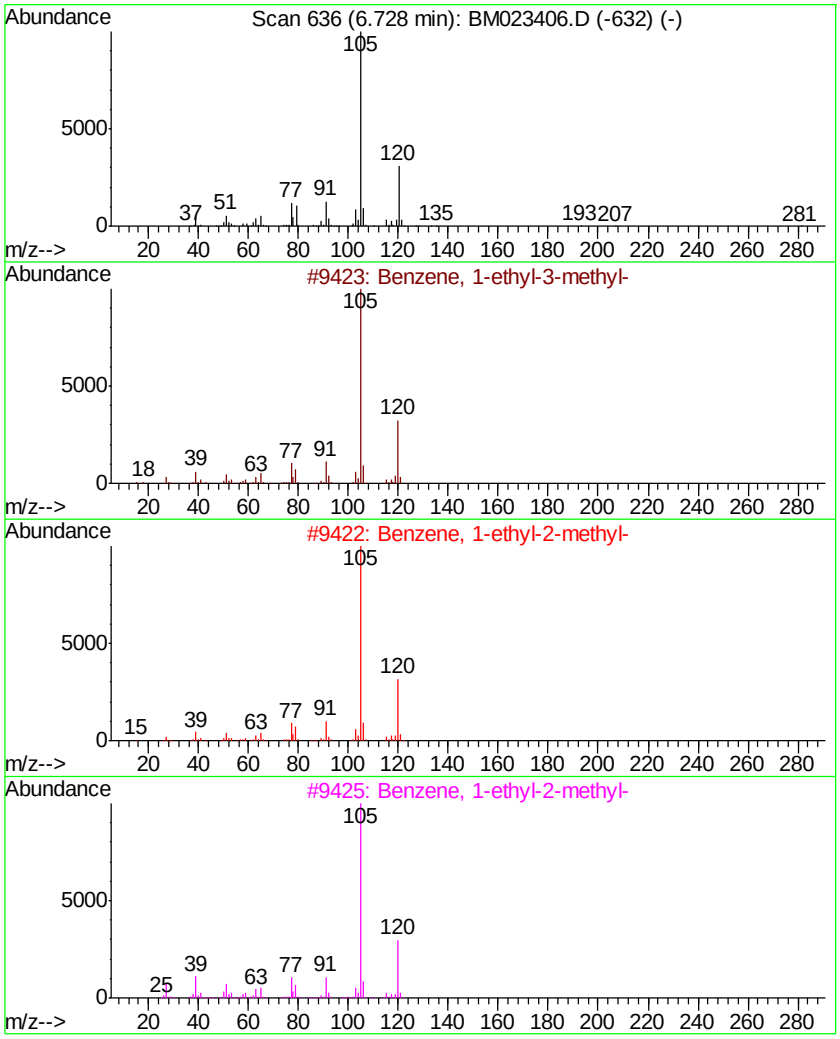
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

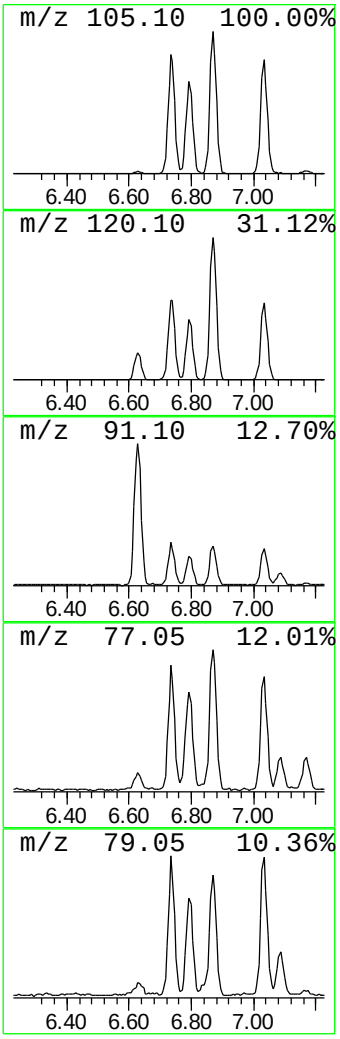
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	6.91 ng/ul	1268000	1,4-Dichlorobenzene-d4	7.63

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-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

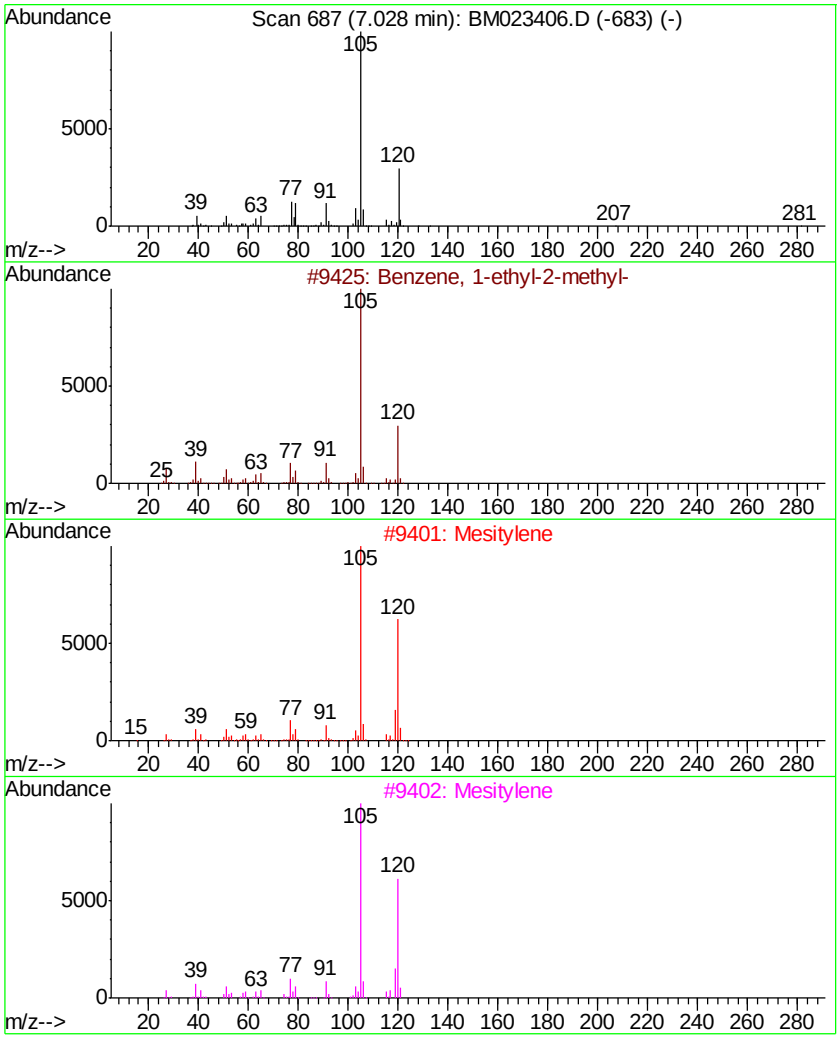
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

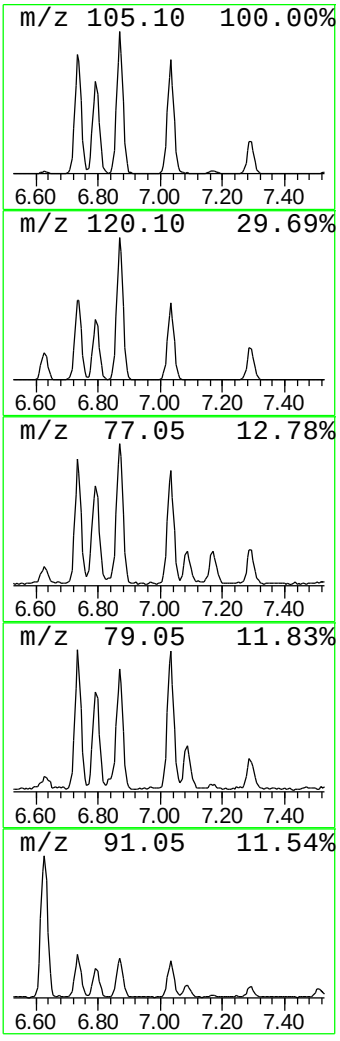
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	6.22 ng/ul	1140380	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

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Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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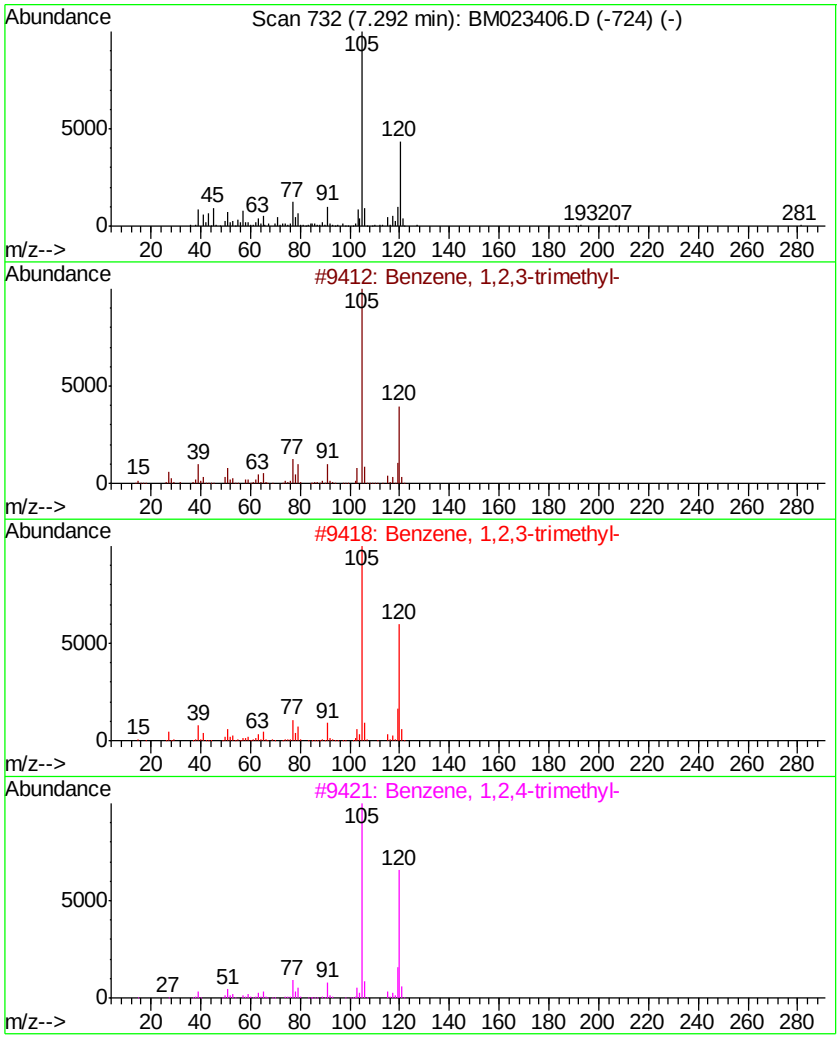
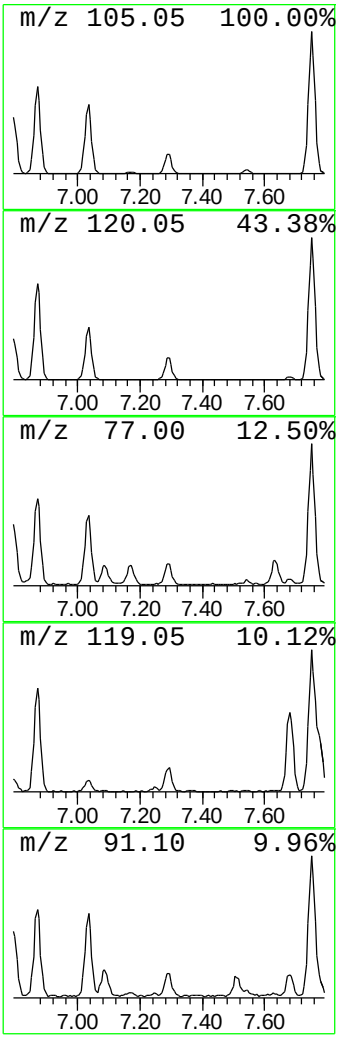
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	3.64 ng/ul	666851	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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Quant Title : SVOA CALIBRATION

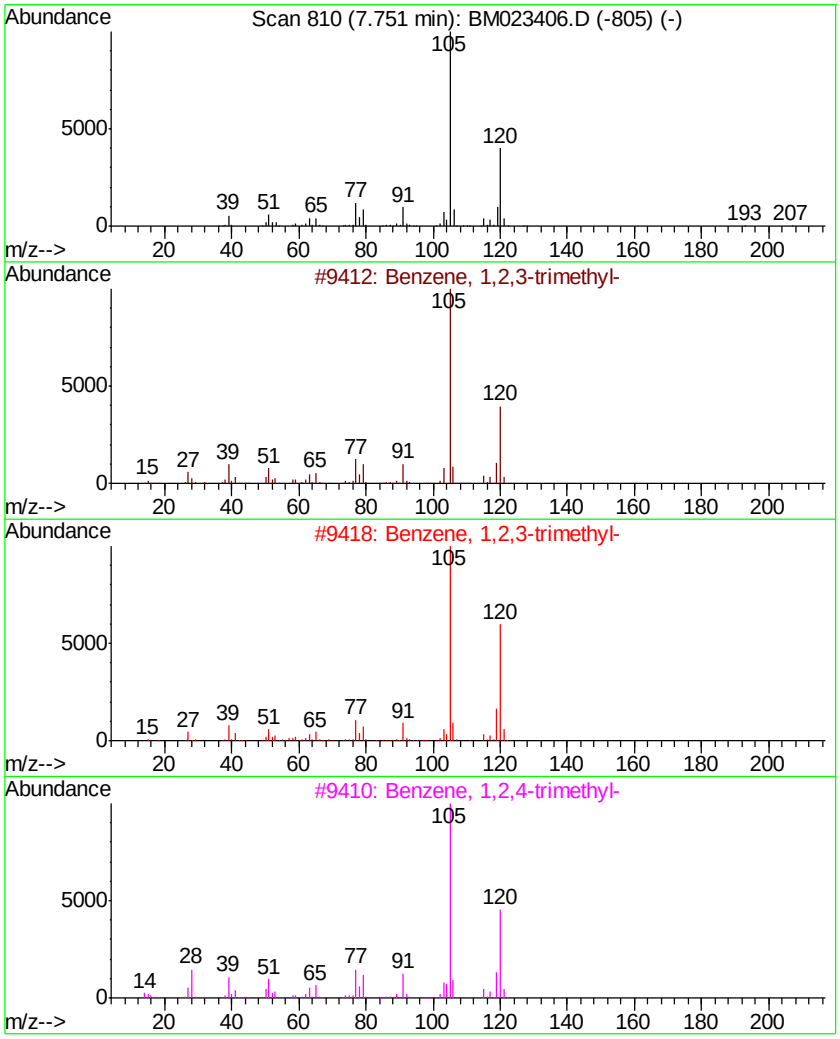
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

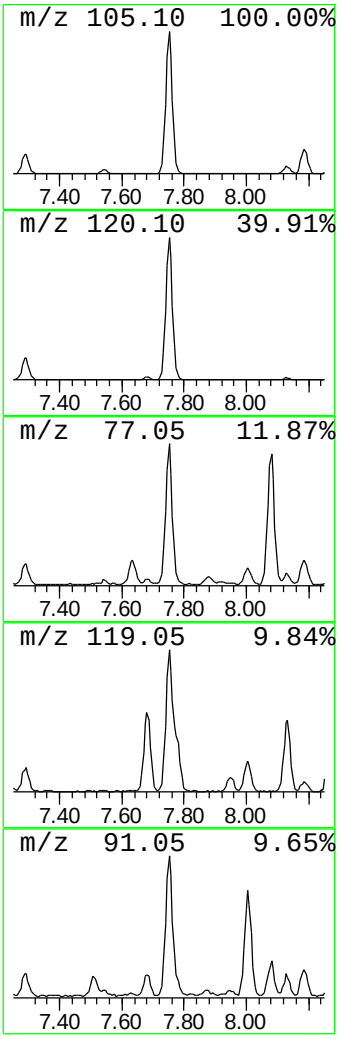
****

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	16.80 ng/ul	3082480	1,4-Dichlorobenzene-d4	7.63

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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Quant Title : SVOA CALIBRATION

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

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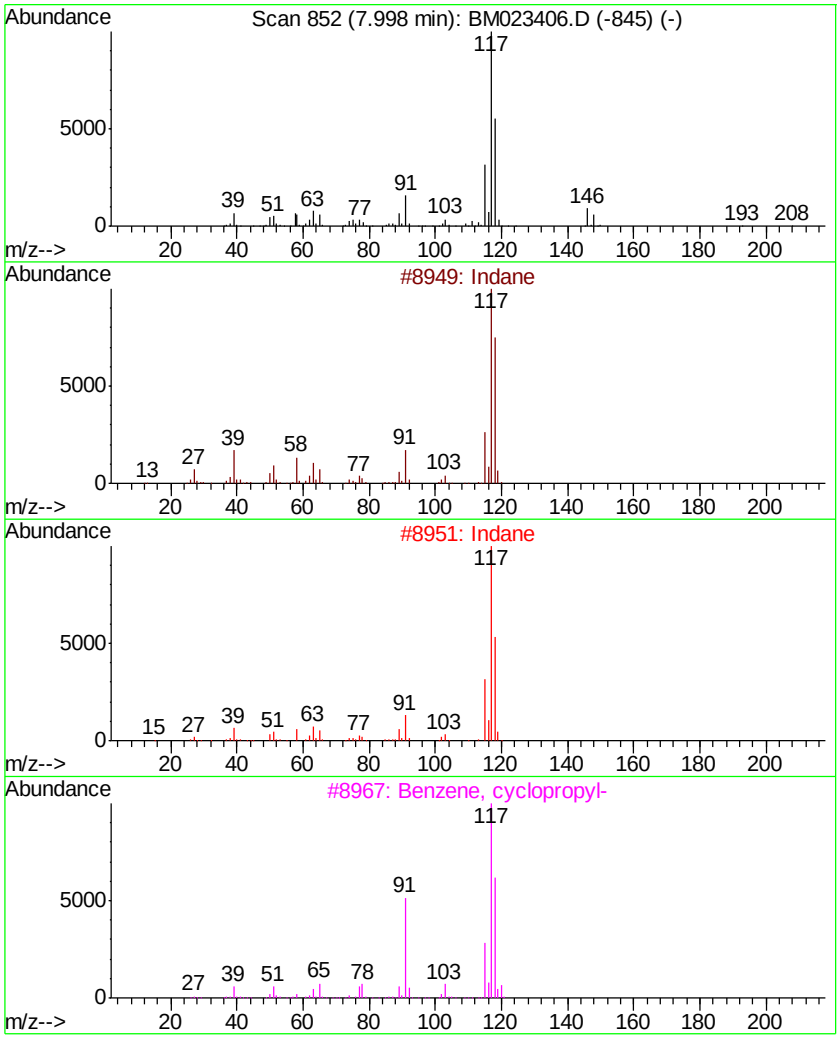
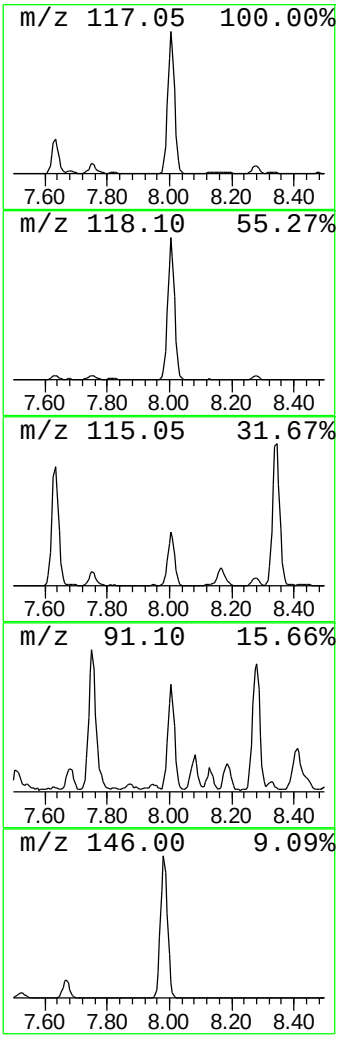
Peak Number 12 Indane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	10.54 ng/ul	1932680	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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Quant Title : SVOA CALIBRATION

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

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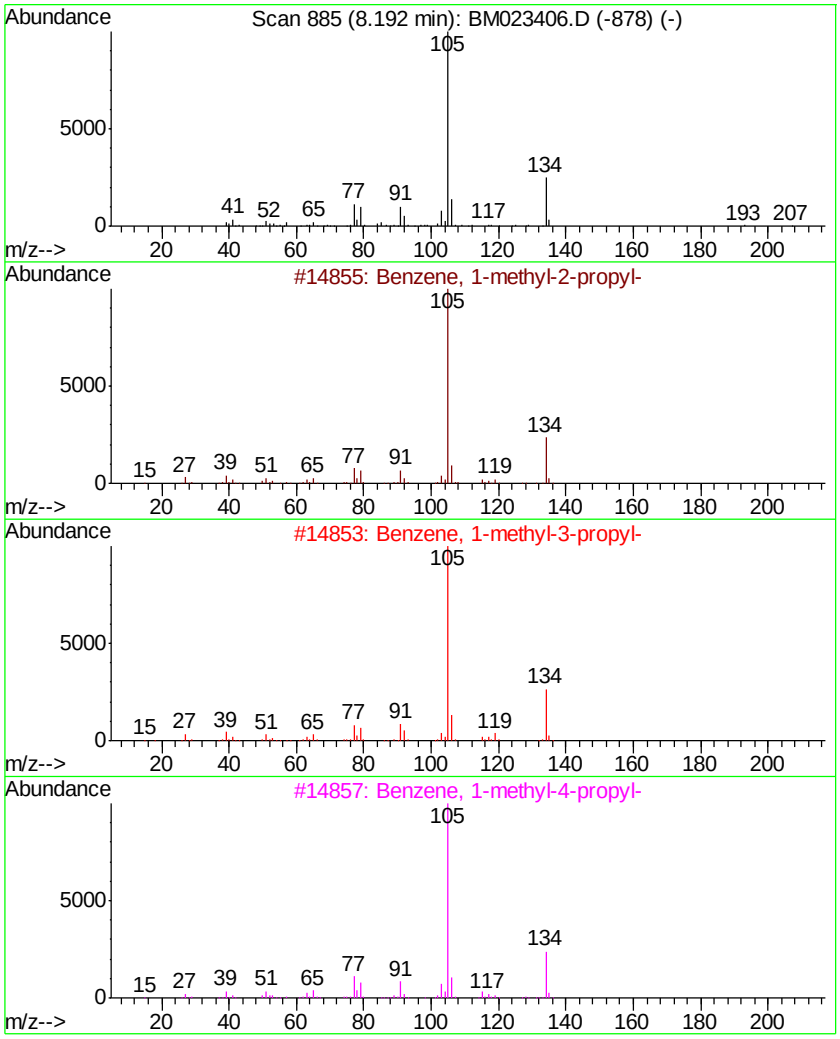
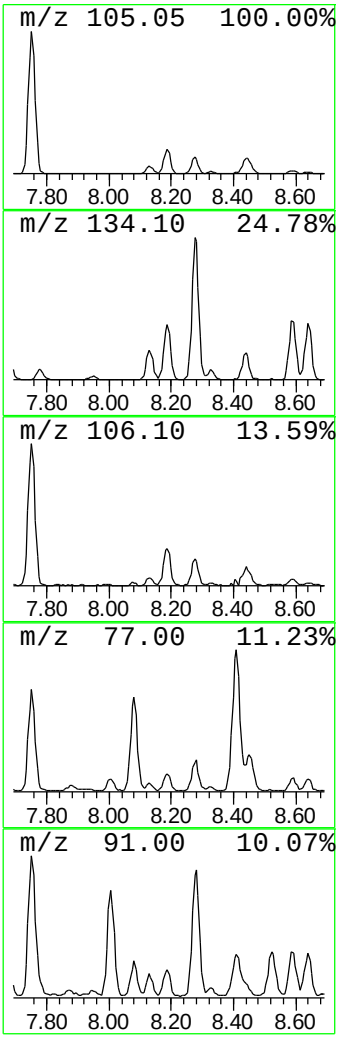
Peak Number 13 Benzene, 1-methyl-2-propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	2.88 ng/ul	527680	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91





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Operator : JU
Sample : K5344-06
Misc :
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Instrument : BNA_M
ClientSampleId : BF6L3

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Quant Title : SVOA CALIBRATION

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

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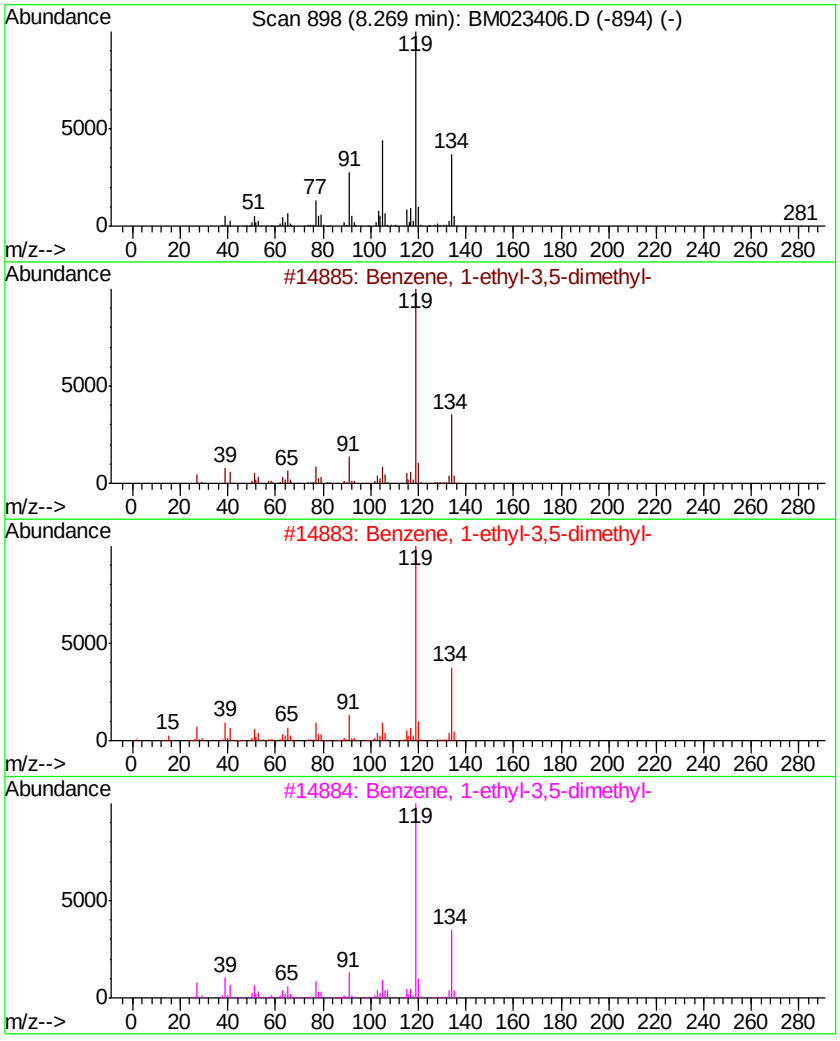
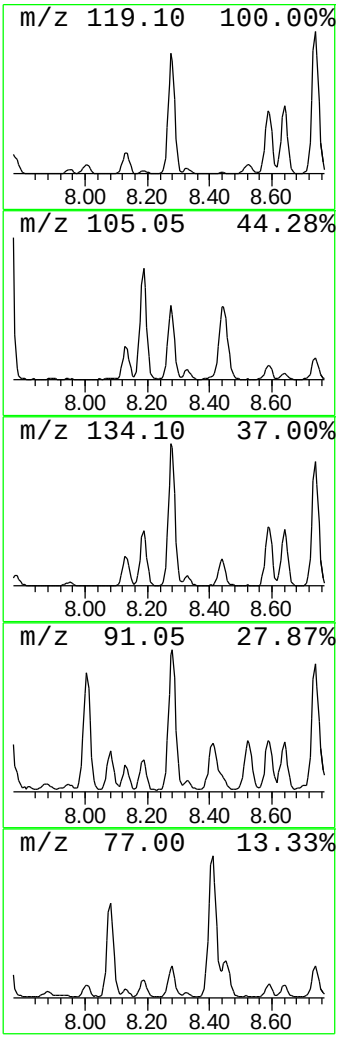
Peak Number 14 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	5.96 ng/ul	1092700	1,4-Dichlorobenzene-d4	7.63

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-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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Quant Title : SVOA CALIBRATION

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

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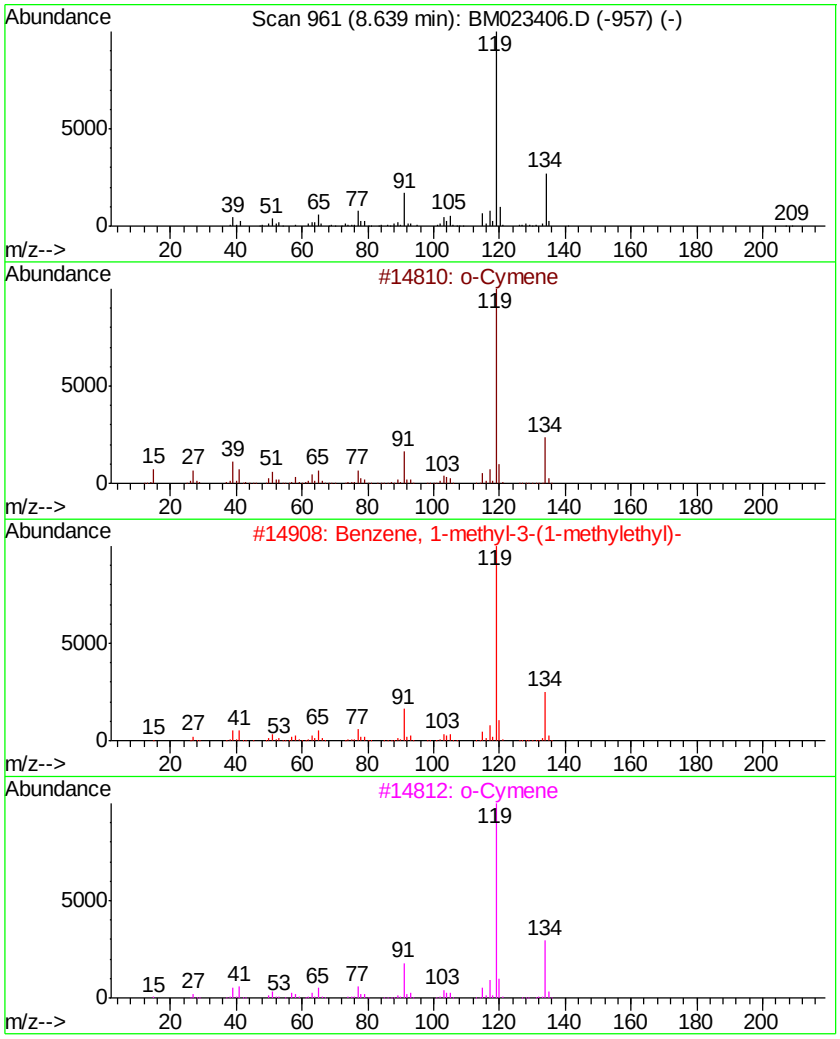
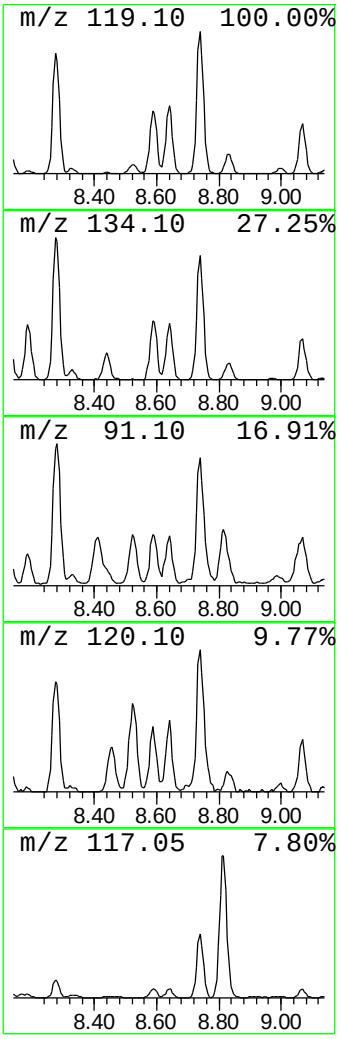
Peak Number 16 o-Cymene Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.56 ng/ul	469304	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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Quant Title : SVOA CALIBRATION

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

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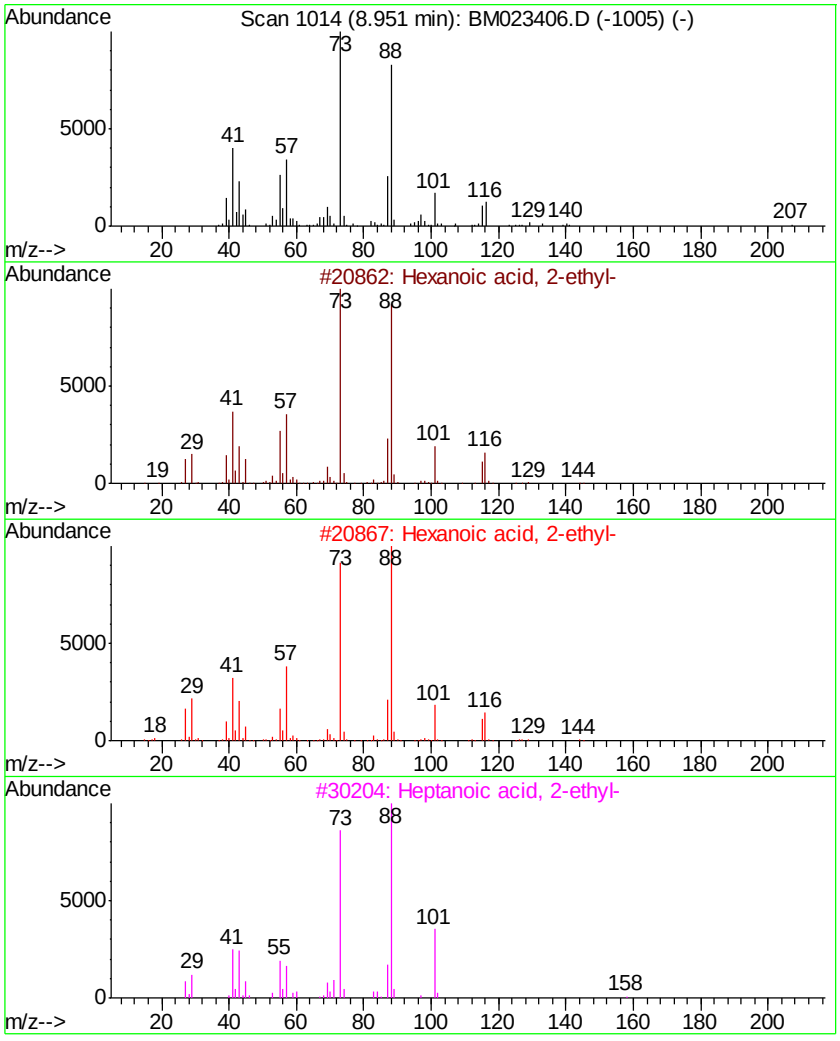
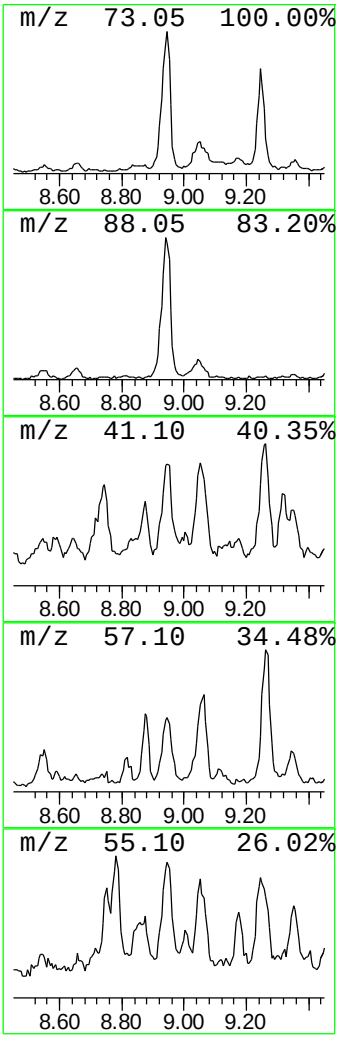
Peak Number 17 Hexanoic acid, 2-ethyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	2.67 ng/ul	490535	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

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Quant Title : SVOA CALIBRATION

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

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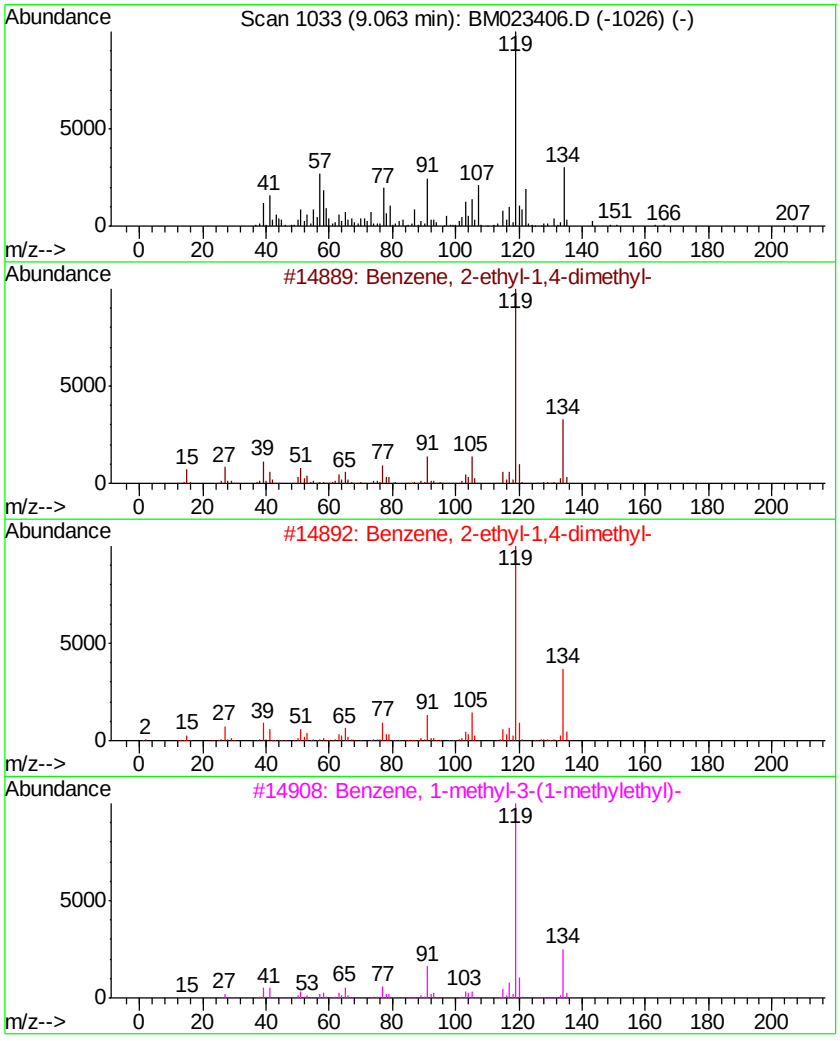
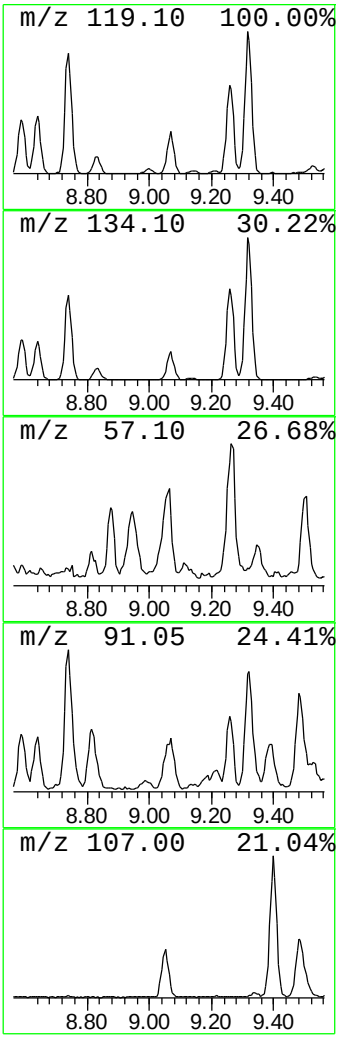
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	3.27 ng/ul	949878	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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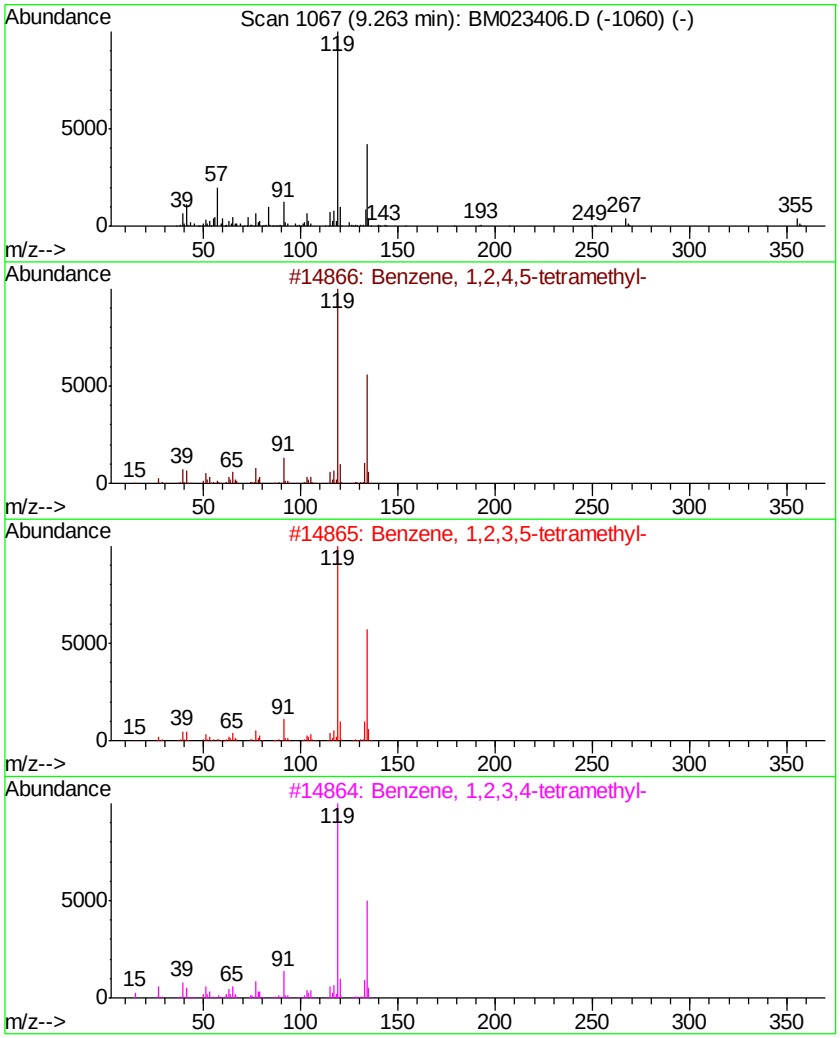
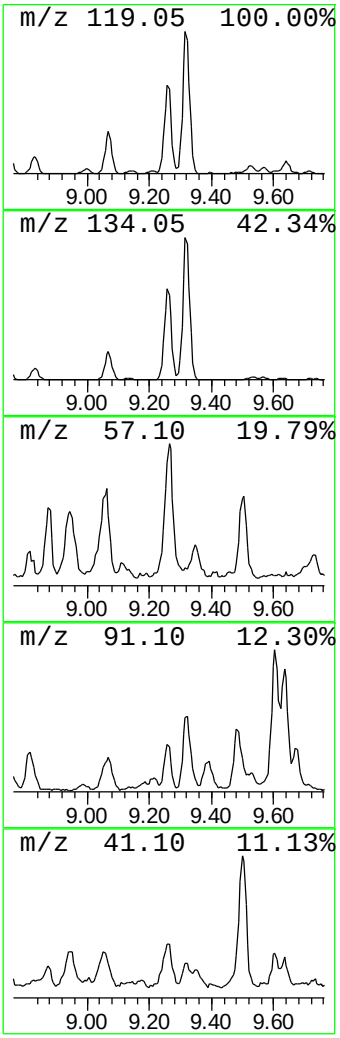
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	4.01 ng/ul	1164740	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	o-Cymene	134	C10H14	000527-84-4	93





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Quant Title : SVOA CALIBRATION

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

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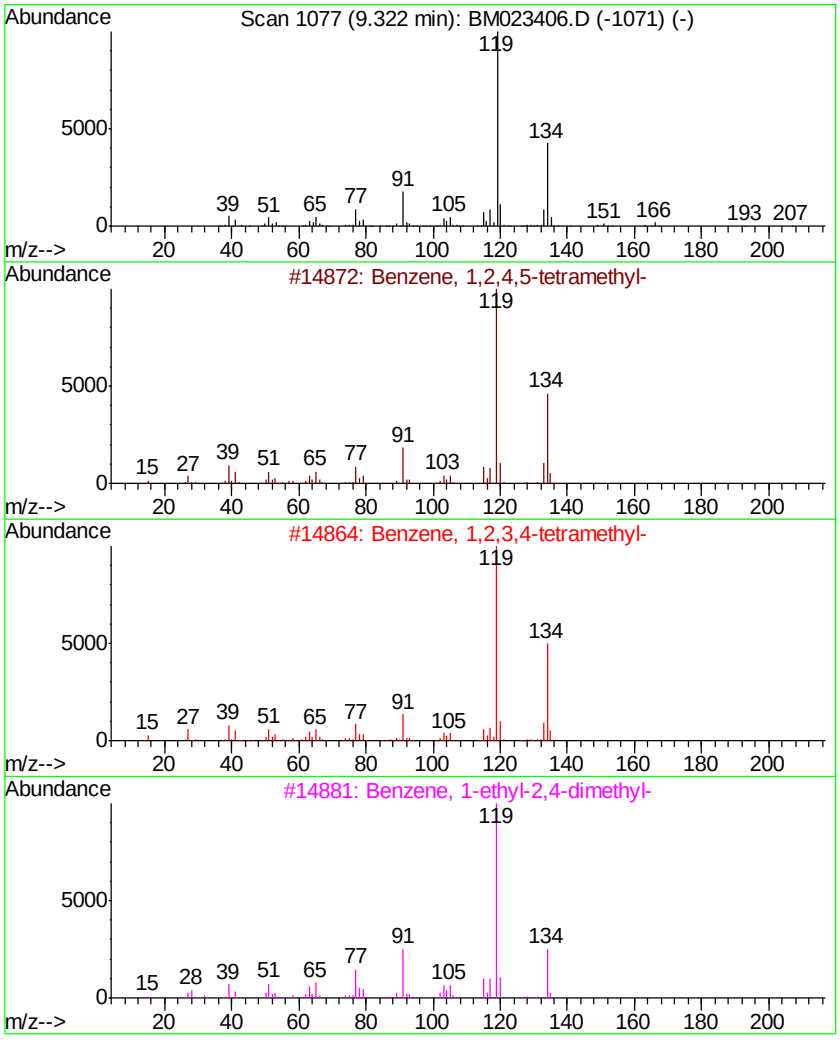
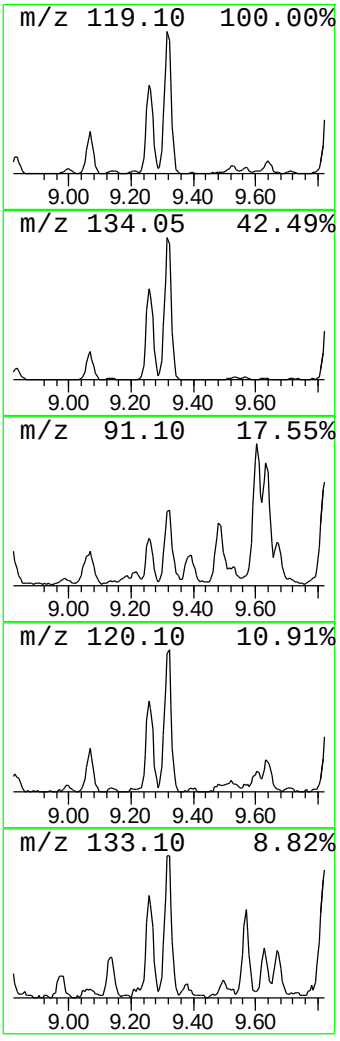
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	4.91 ng/ul	1427420	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Quant Title : SVOA CALIBRATION

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

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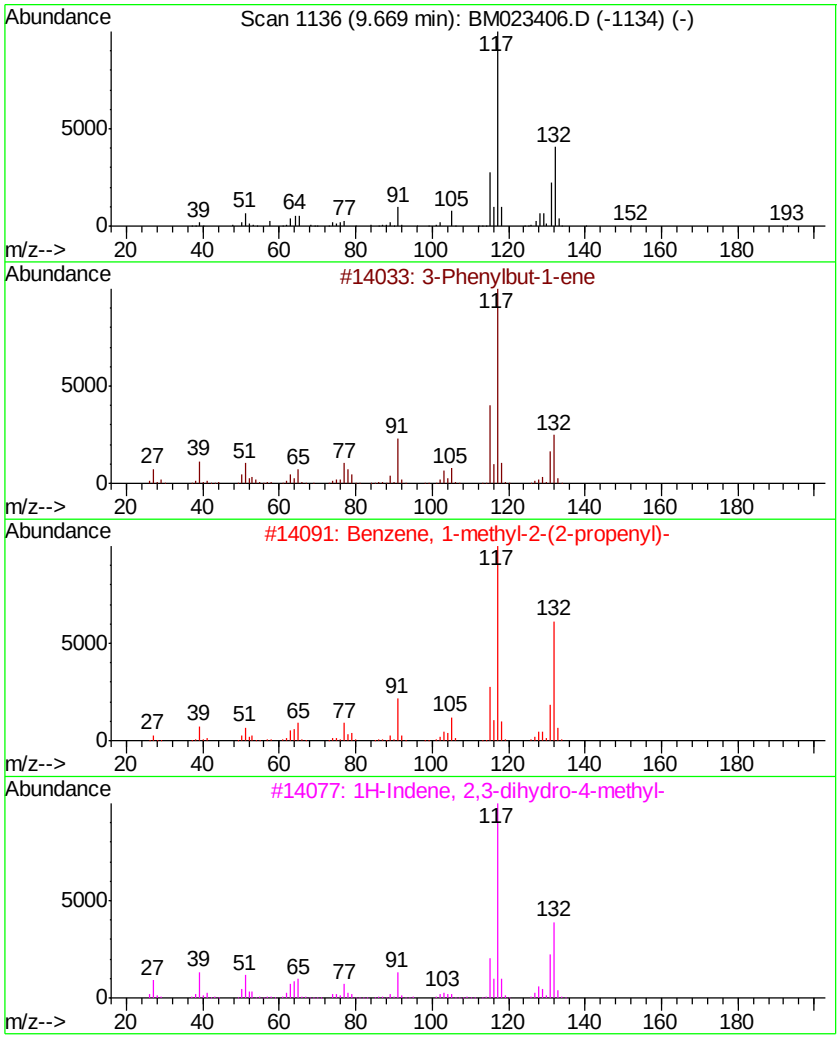
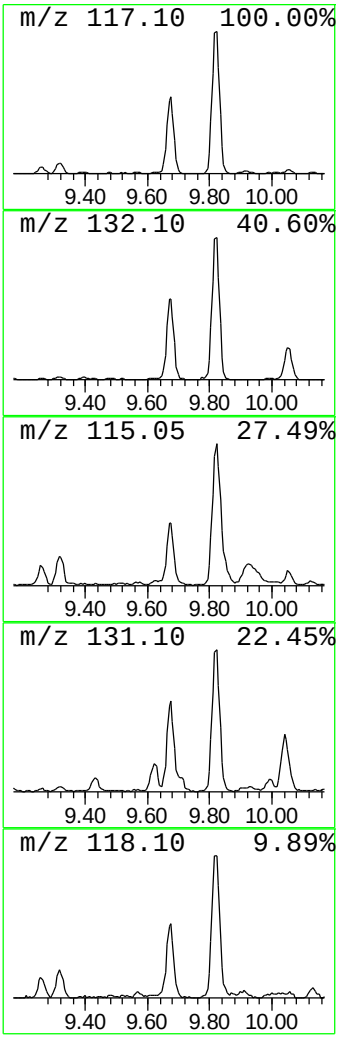
Peak Number 21 3-Phenylbut-1-ene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.83 ng/ul	1113360	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	86
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	74





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Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

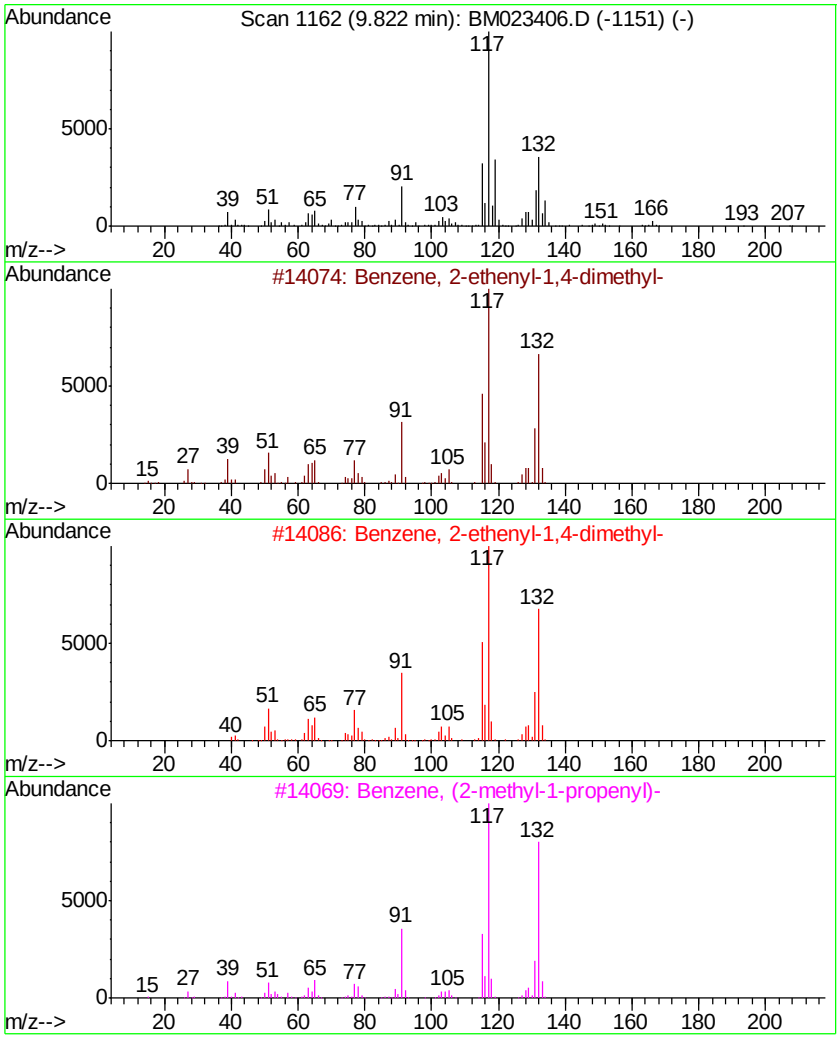
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

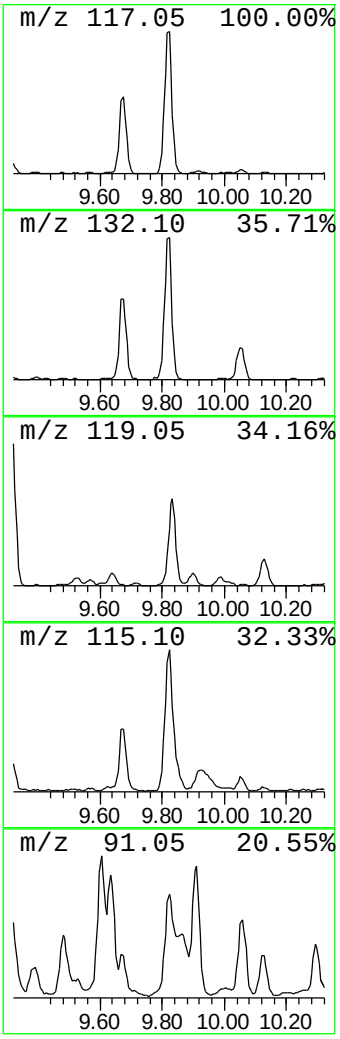
****

Peak Number 22 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	10.02 ng/ul	2914140	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





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Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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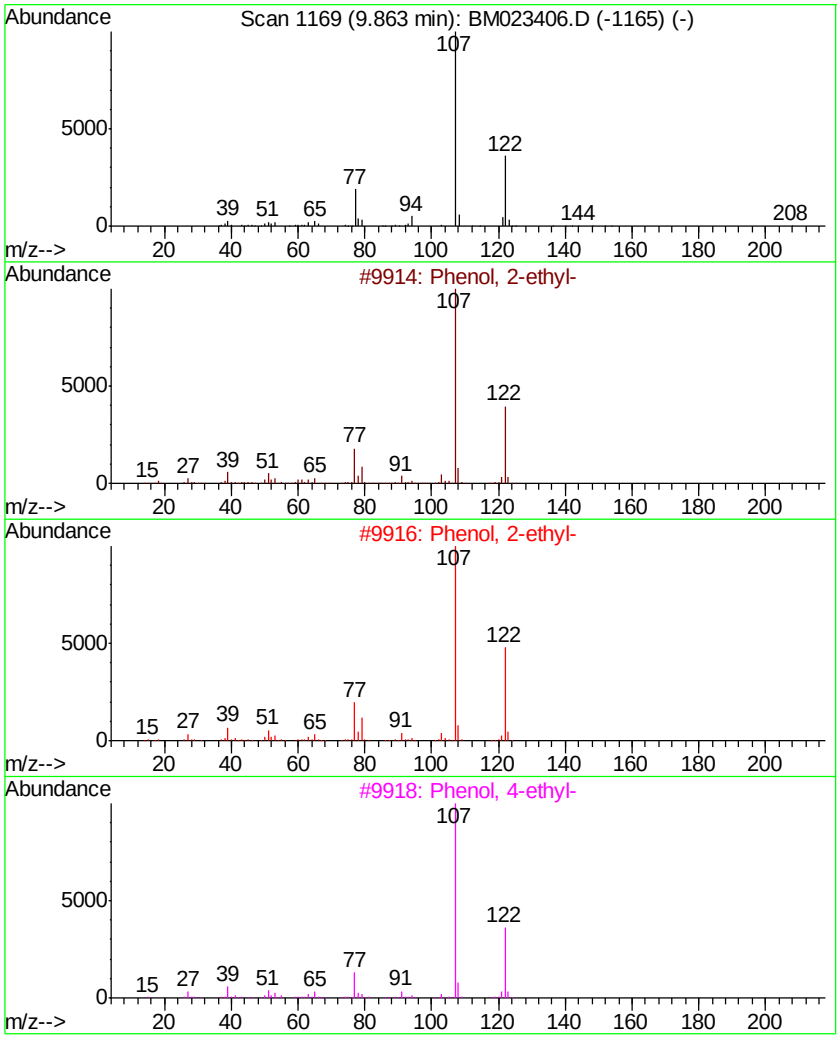
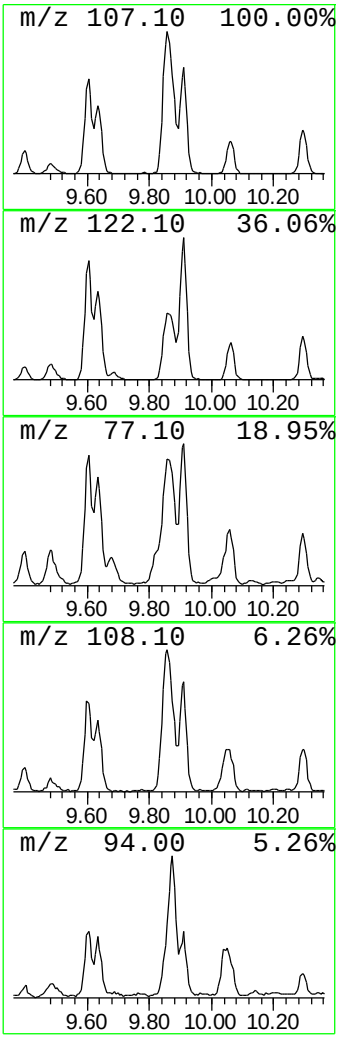
Peak Number 23 Phenol, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	11.30 ng/ul	3287110	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	86
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	86
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	83





Library Search Compound Report

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Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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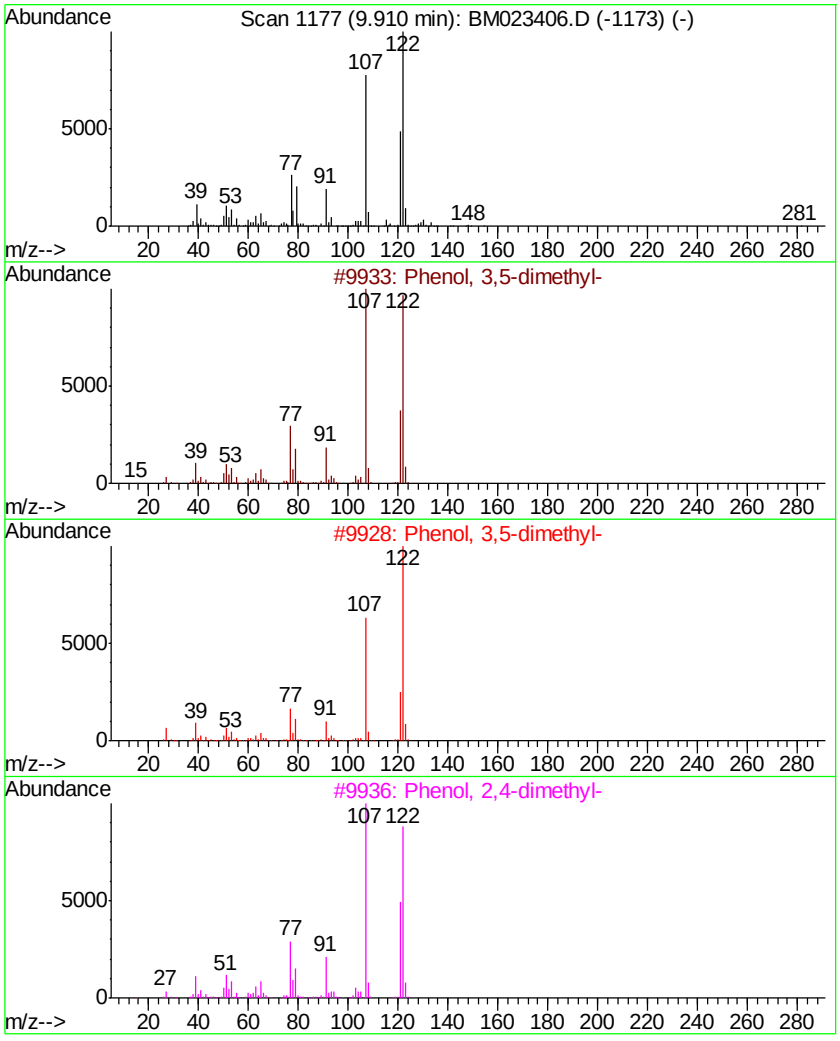
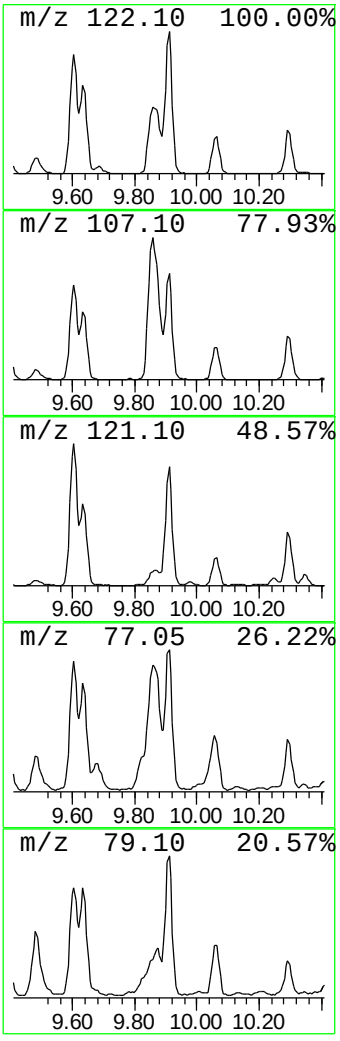
Peak Number 24 Phenol, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	10.61 ng/ul	3084210	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
3	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87





Library Search Compound Report

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Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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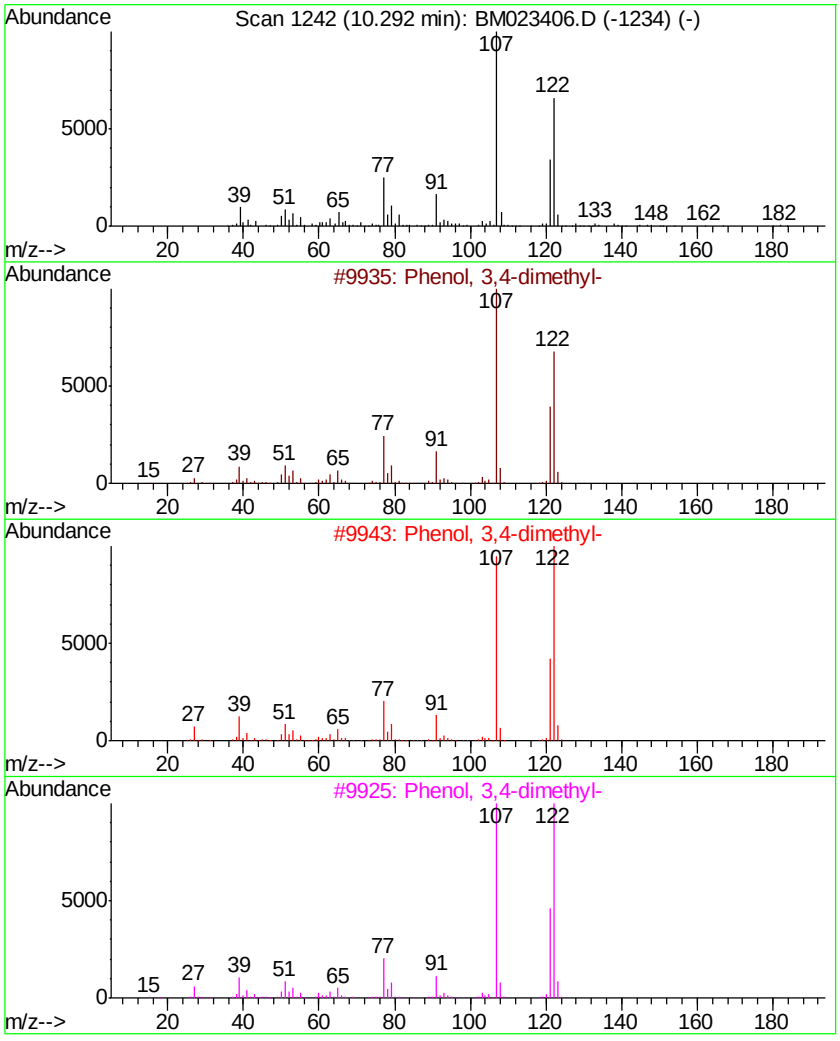
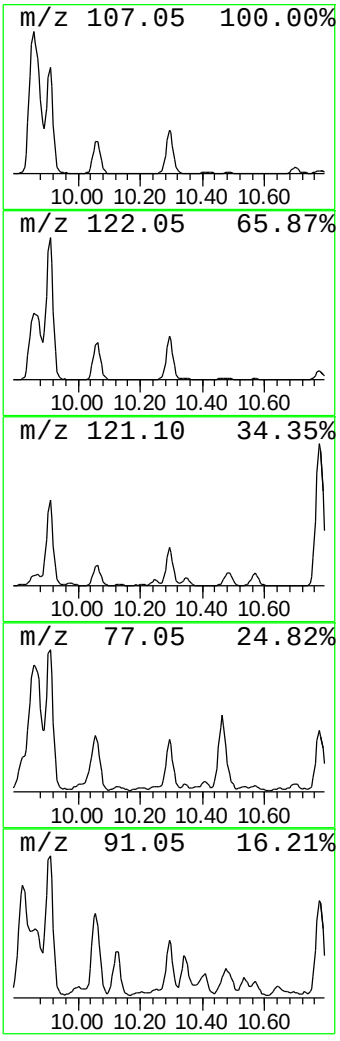
Peak Number 25 Phenol, 3,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	4.99 ng/ul	1451770	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	93
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91





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Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 26 Phenol, 4-(1-methylethyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	4.68 ng/ul	1361460	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	96
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	94
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
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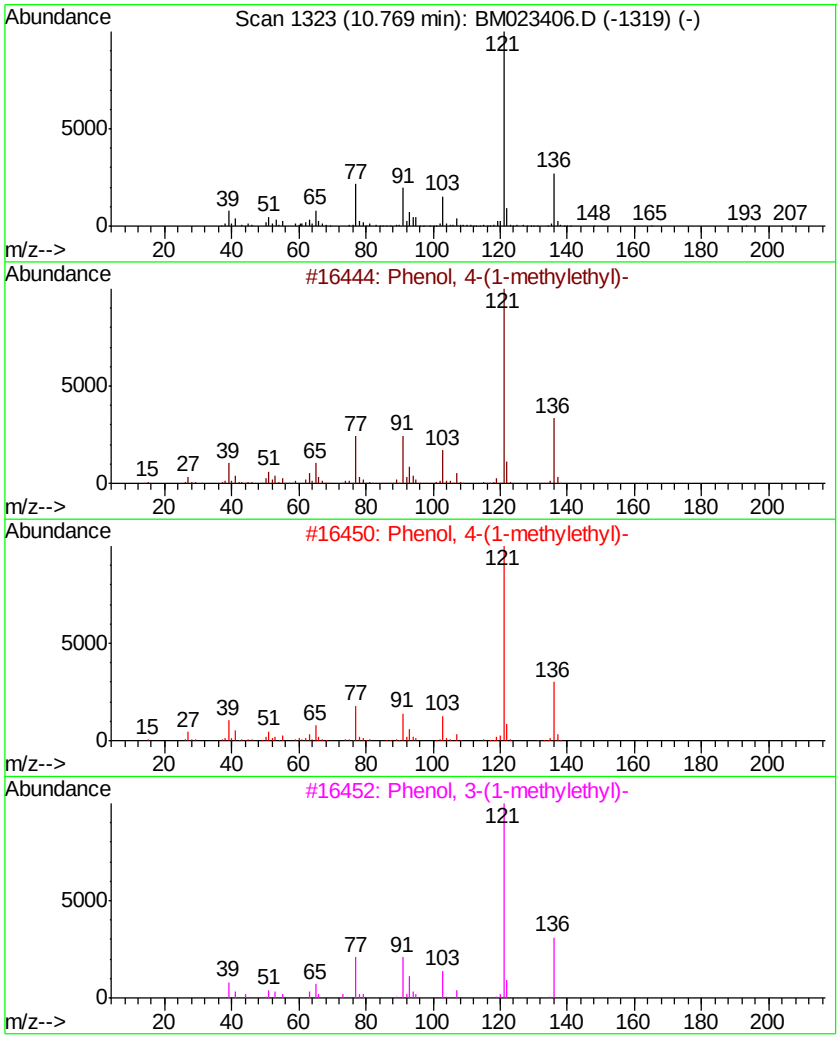

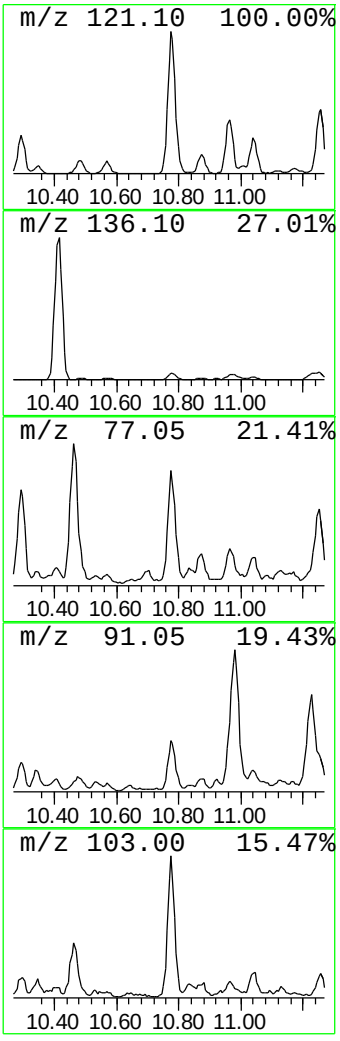

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Acq On : 25 Oct 2019 14:44
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Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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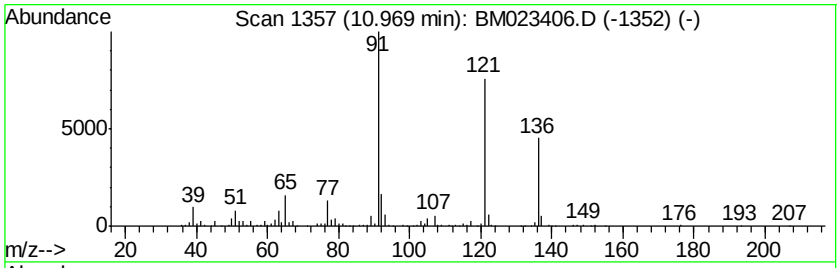
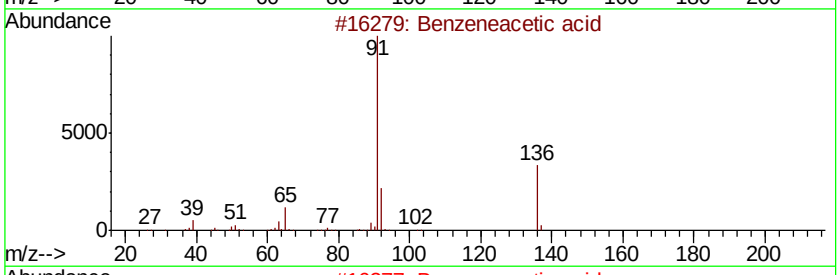
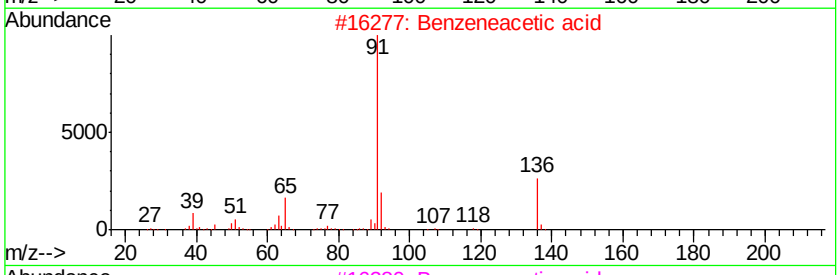
Peak Number 27 Benzeneacetic acid Concentration Rank 37

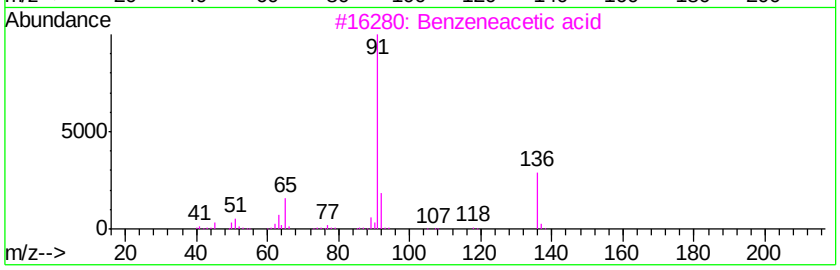
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.78 ng/ul	1099200	Naphthalene-d8	10.42

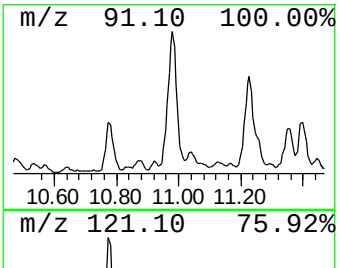
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	81
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	81
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	81
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	72
5	Benzeneacetic acid	136	C8H8O2	000103-82-2	62

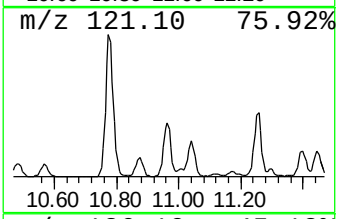


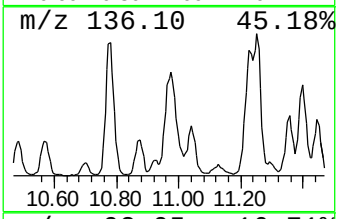


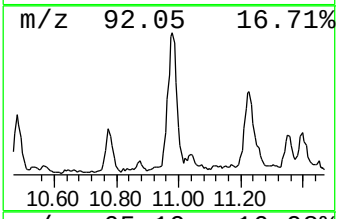


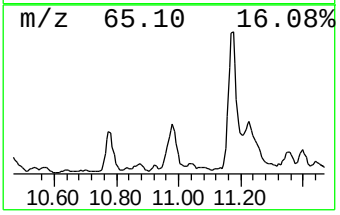












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Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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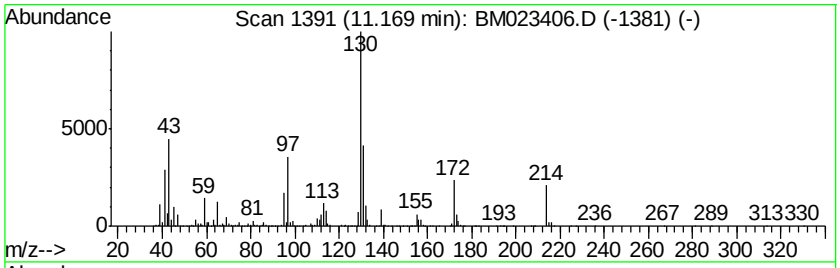
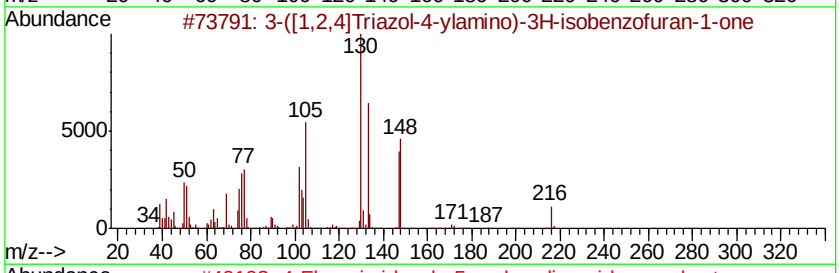
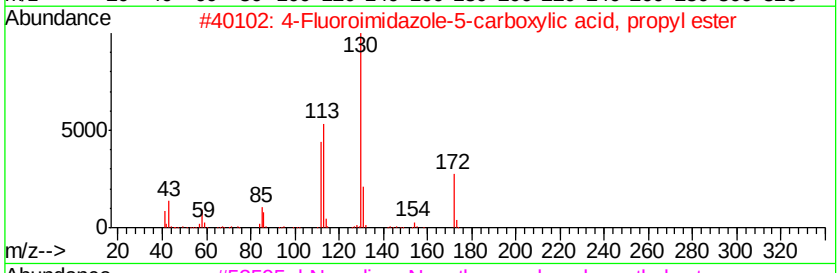
Peak Number 28 unknown-01 Concentration Rank 3

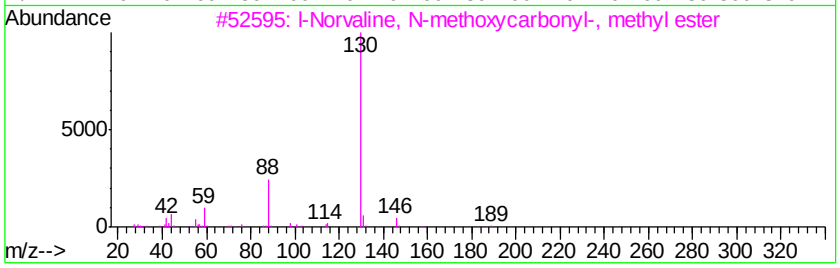
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	21.23 ng/ul	6174060	Naphthalene-d8	10.42

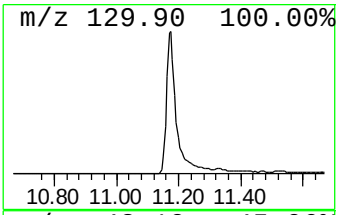
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-([1,2,4]Triazol-4-ylamino)-3H-...	216	C10H8N4O2	1000300-48-4	30
2	4-Fluoroimidazole-5-carboxylic a...	172	C7H9FN2O2	1000116-94-4	23
3	l-Norvaline, N-methoxycarbonyl-,...	189	C8H15NO4	1000320-76-8	12
4	Carbonic acid, ethyl 3,5-difluop...	202	C9H8F2O3	1000357-91-2	12
5	4-Amino-5-methylmercapto-1,2,4(4...	130	C3H6N4S	065901-91-9	12

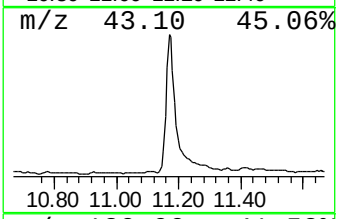


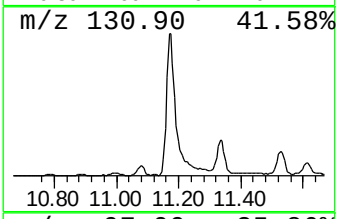


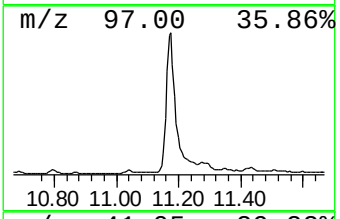


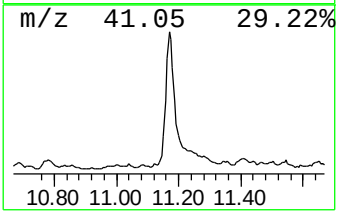












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Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

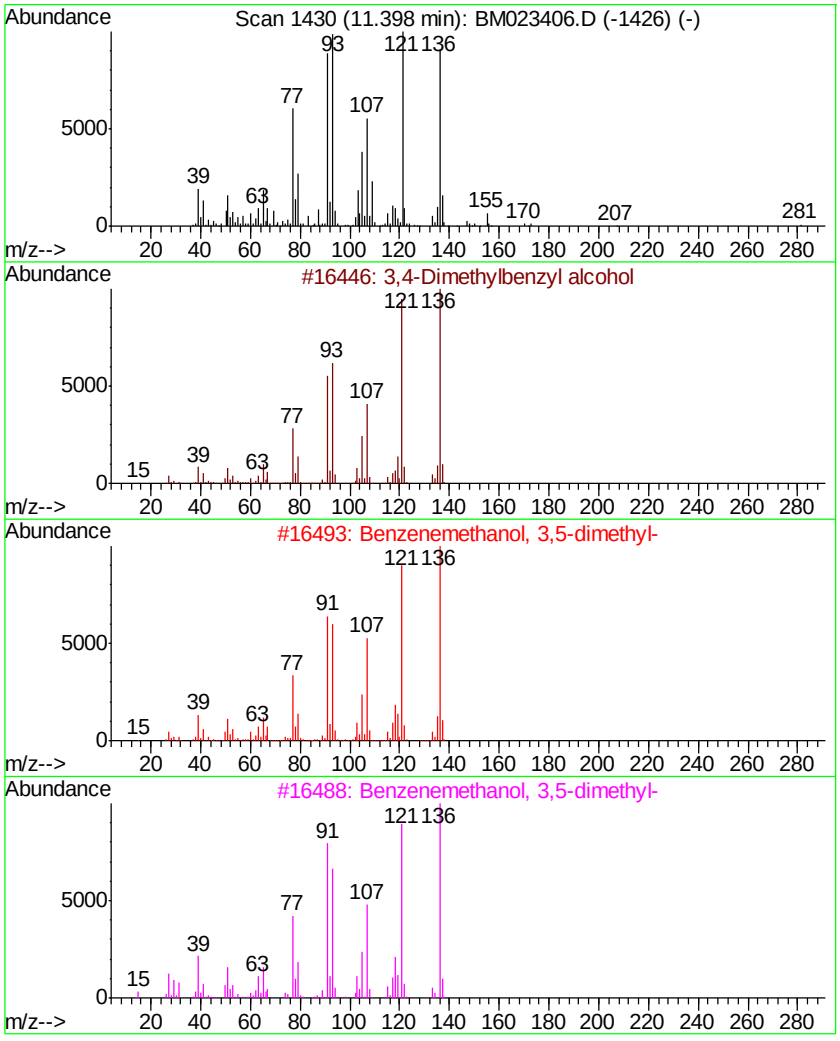
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

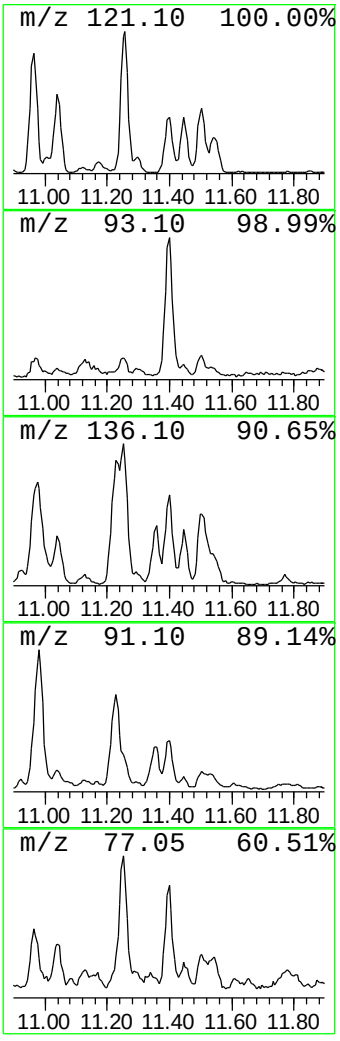
****

Peak Number 29 3,4-Dimethylbenzyl alcohol Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.25 ng/ul	654046	Naphthalene-d8	10.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylbenzyl alcohol	136	C9H12O	006966-10-5	94
2	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	90
3	Benzenemethanol, 3,5-dimethyl-	136	C9H12O	027129-87-9	87
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	68
5	(+)-4-Carene	136	C10H16	029050-33-7	68





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Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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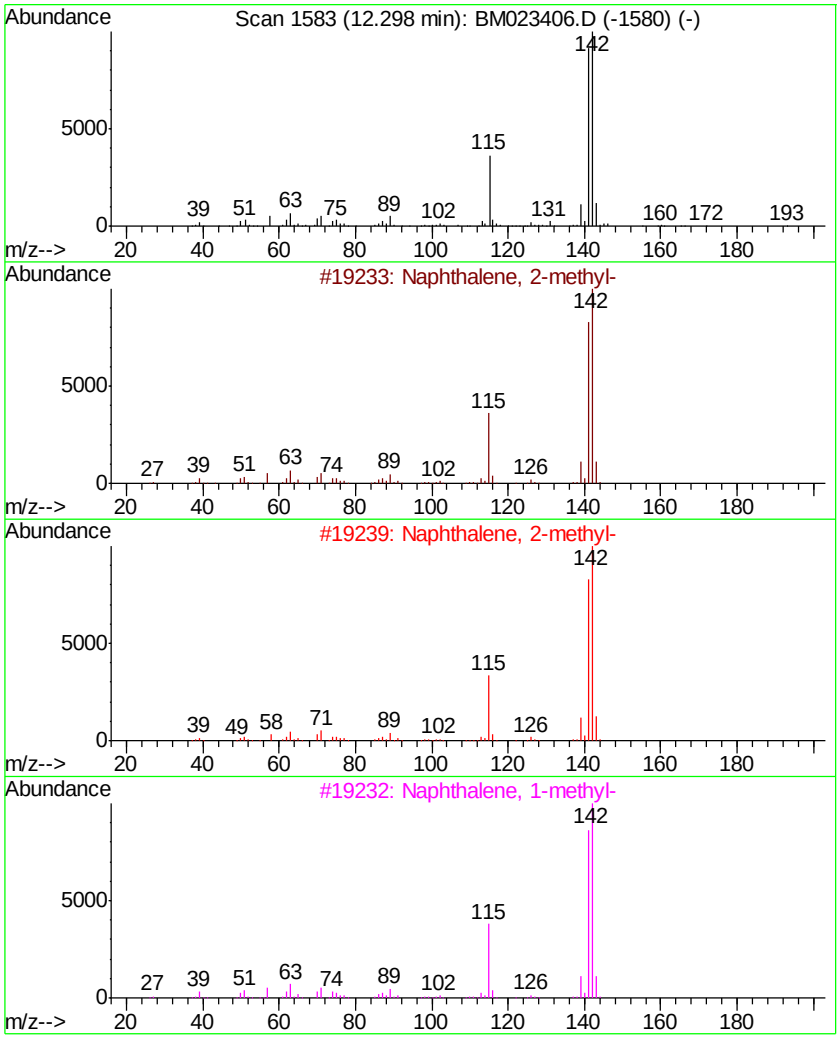
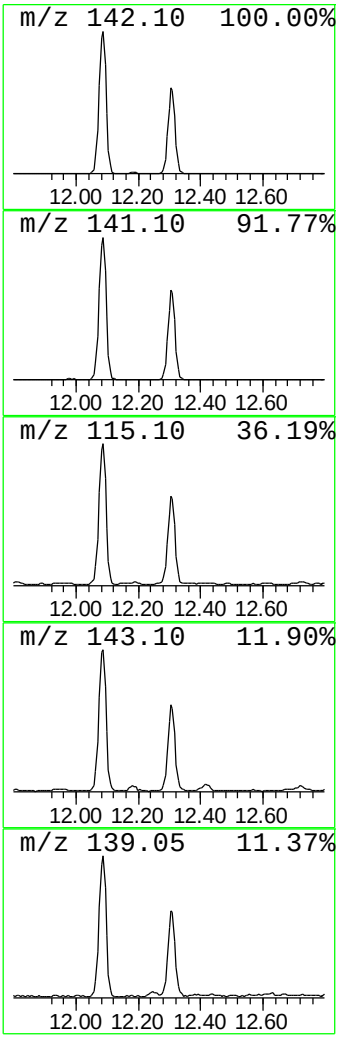
Peak Number 30 Naphthalene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	7.00 ng/ul	2035170	Naphthalene-d8	10.42

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
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





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Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

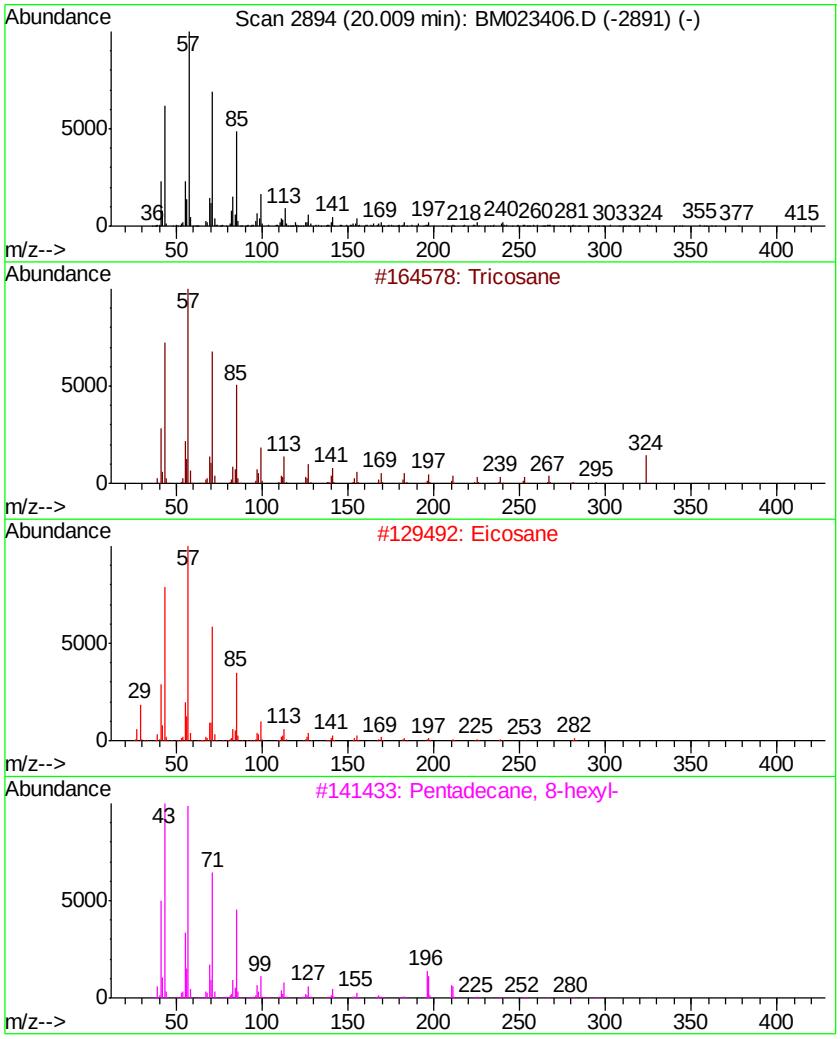
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

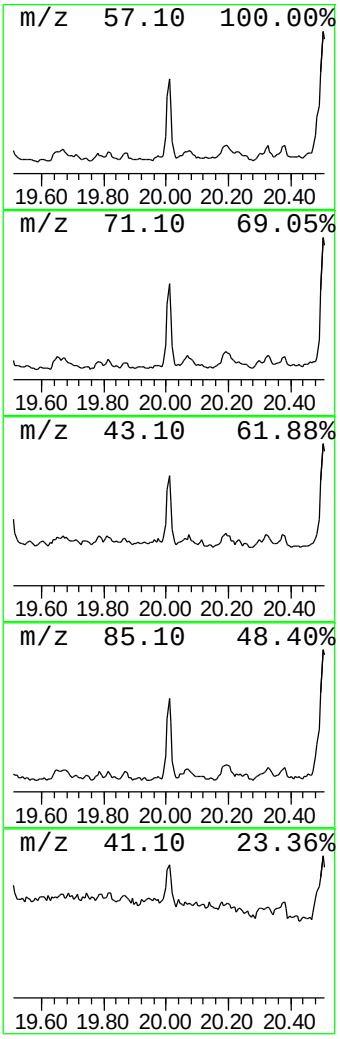
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	2.68 ng/ul	745400	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane	310	C22H46	000629-97-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

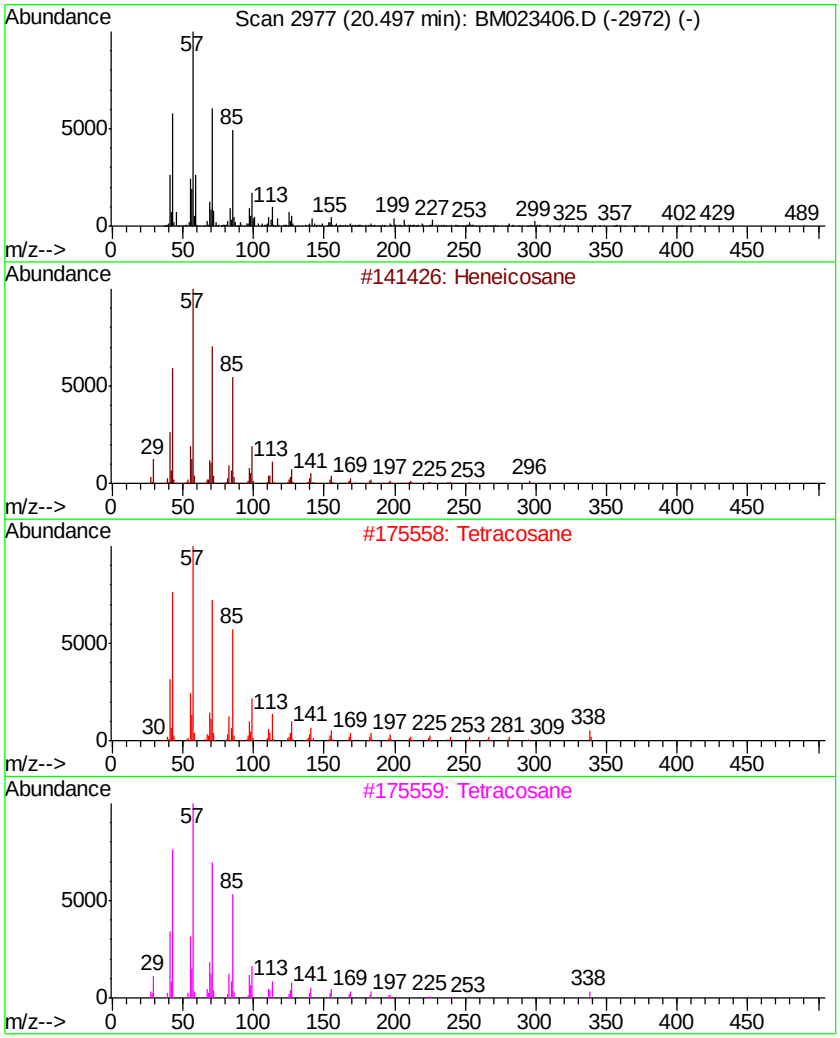
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

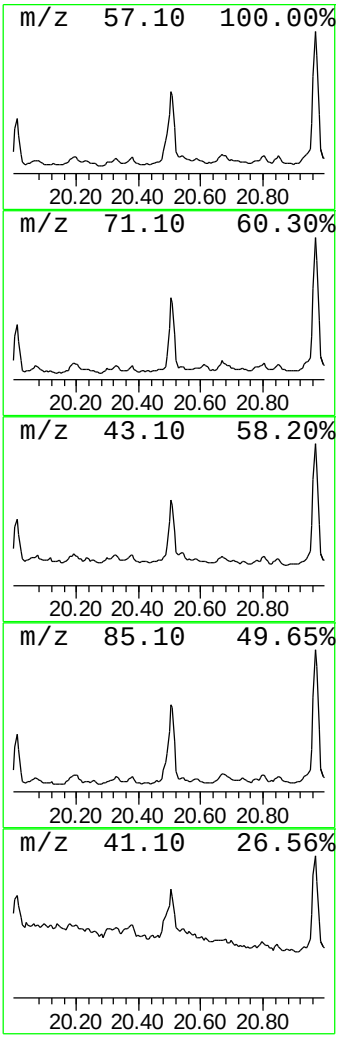
****

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	7.63 ng/ul	2119590	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Tetracosane	338	C24H50	000646-31-1	95
3	Tetracosane	338	C24H50	000646-31-1	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

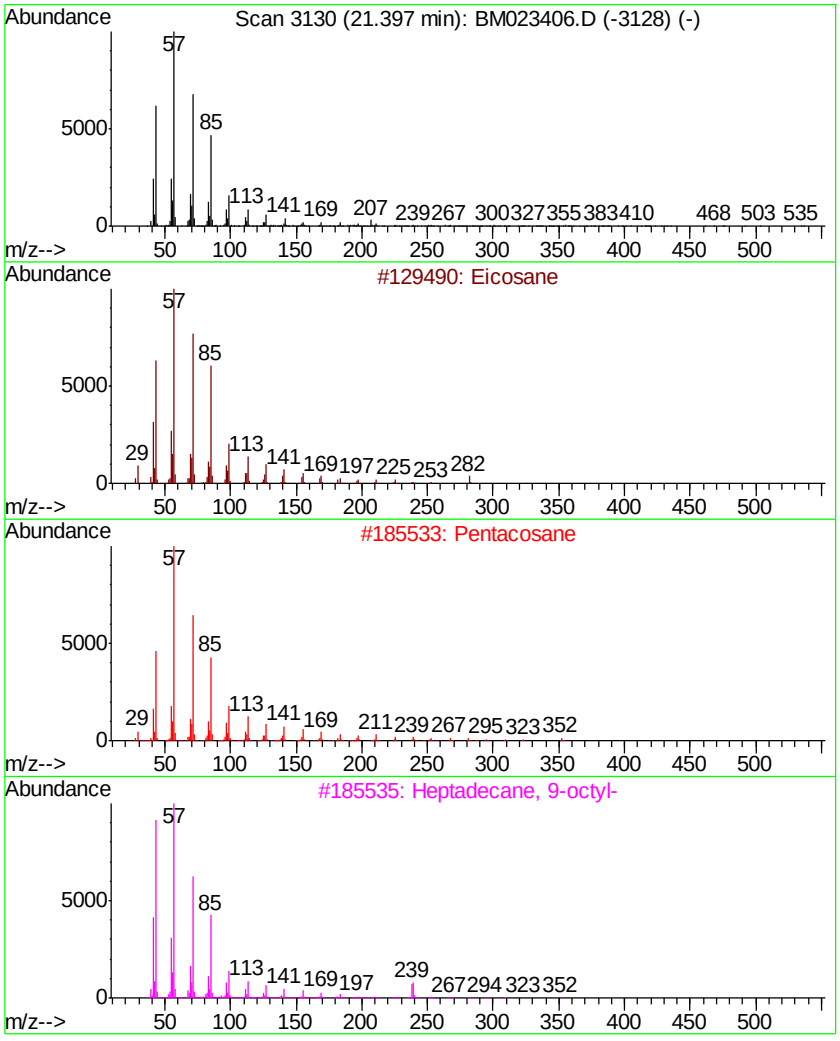
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

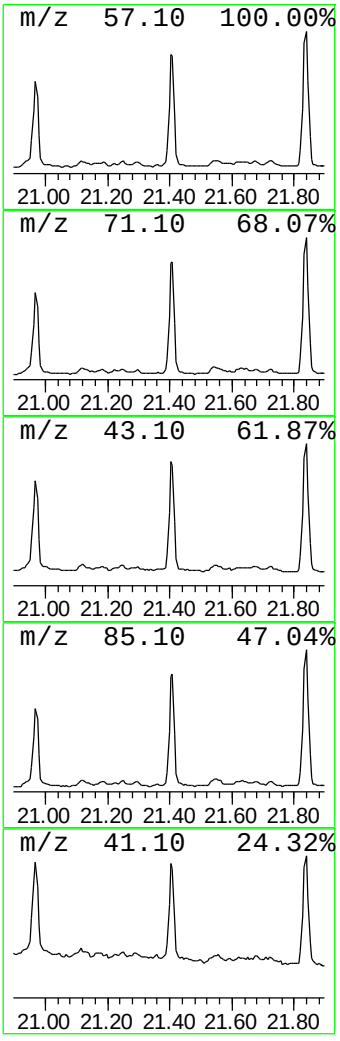
****

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	10.50 ng/ul	2916470	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Pentacosane	352	C25H52	000629-99-2	96
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

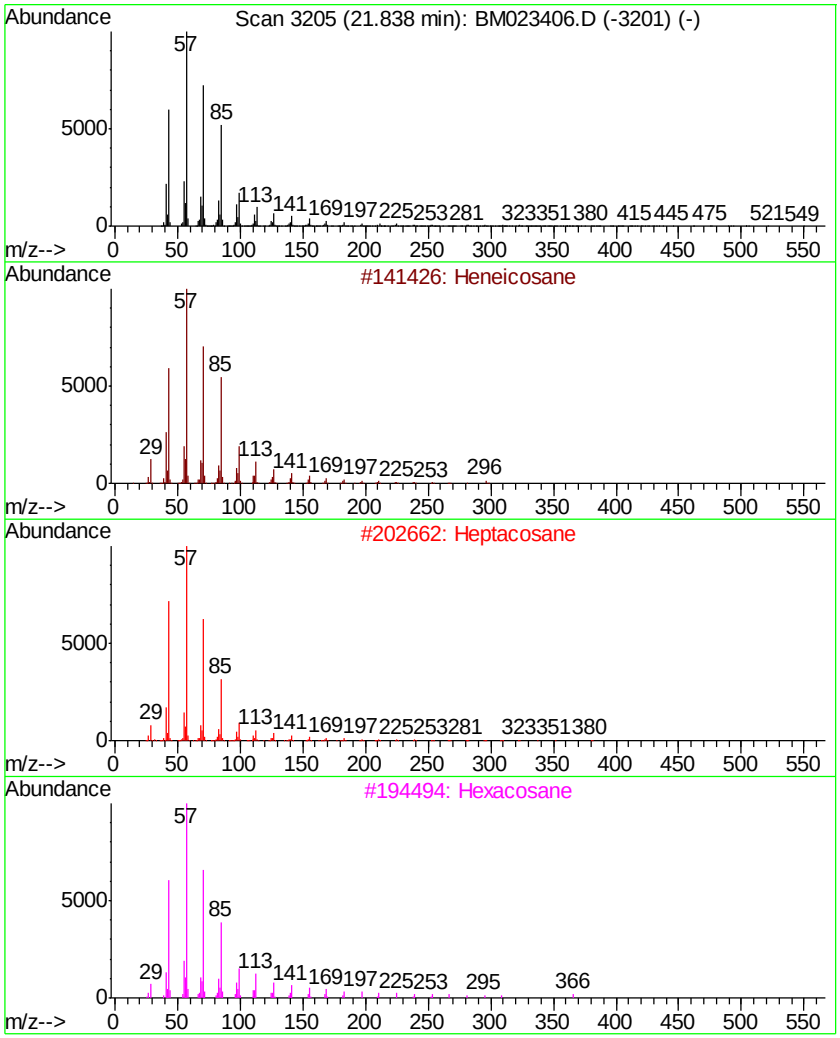
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

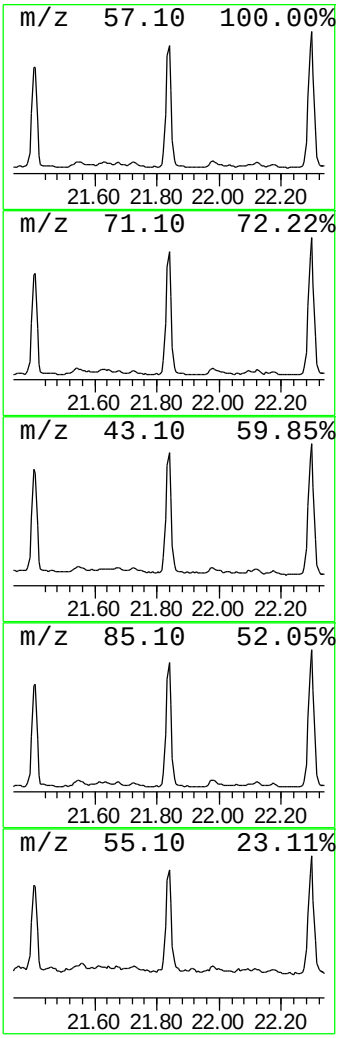
****

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	13.86 ng/ul	3850640	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptacosane	380	C27H56	000593-49-7	96
3	Hexacosane	366	C26H54	000630-01-3	95
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
5	Heptadecane	240	C17H36	000629-78-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

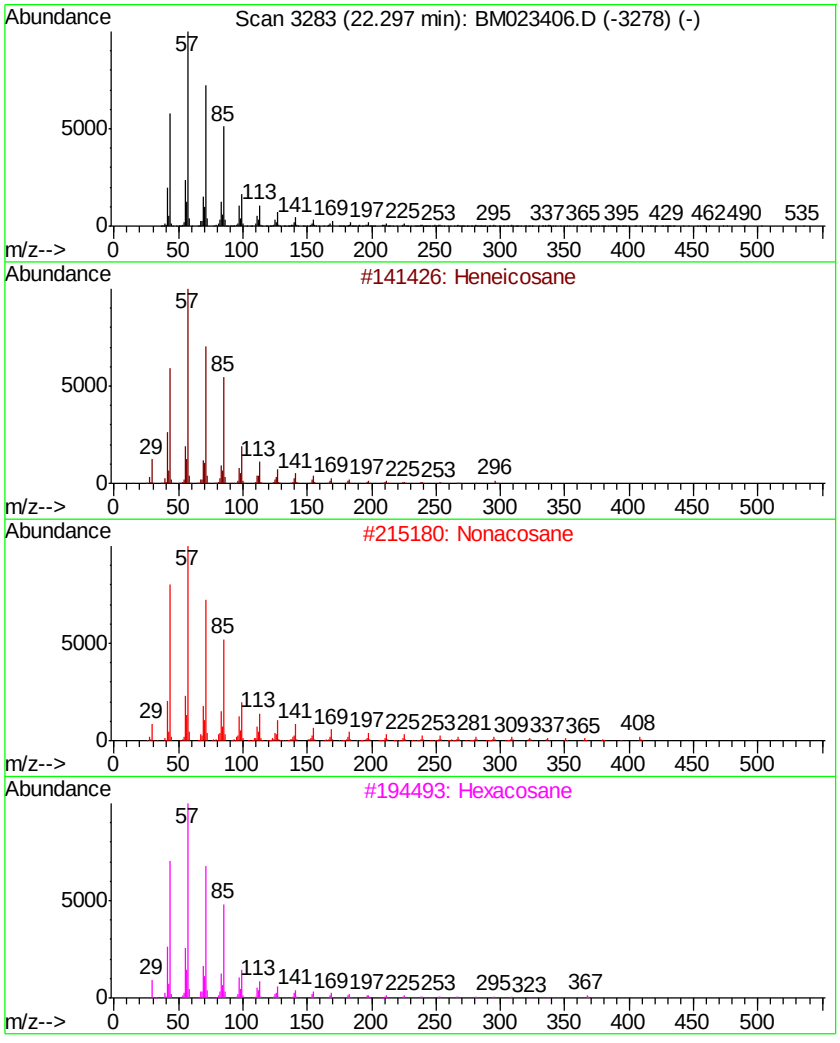
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

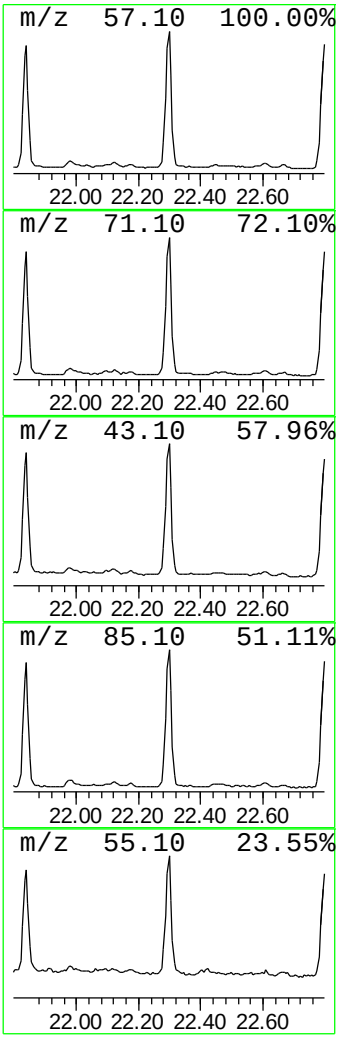
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	17.14 ng/ul	4761050	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Nonacosane	408	C29H60	000630-03-5	95
3	Hexacosane	366	C26H54	000630-01-3	94
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

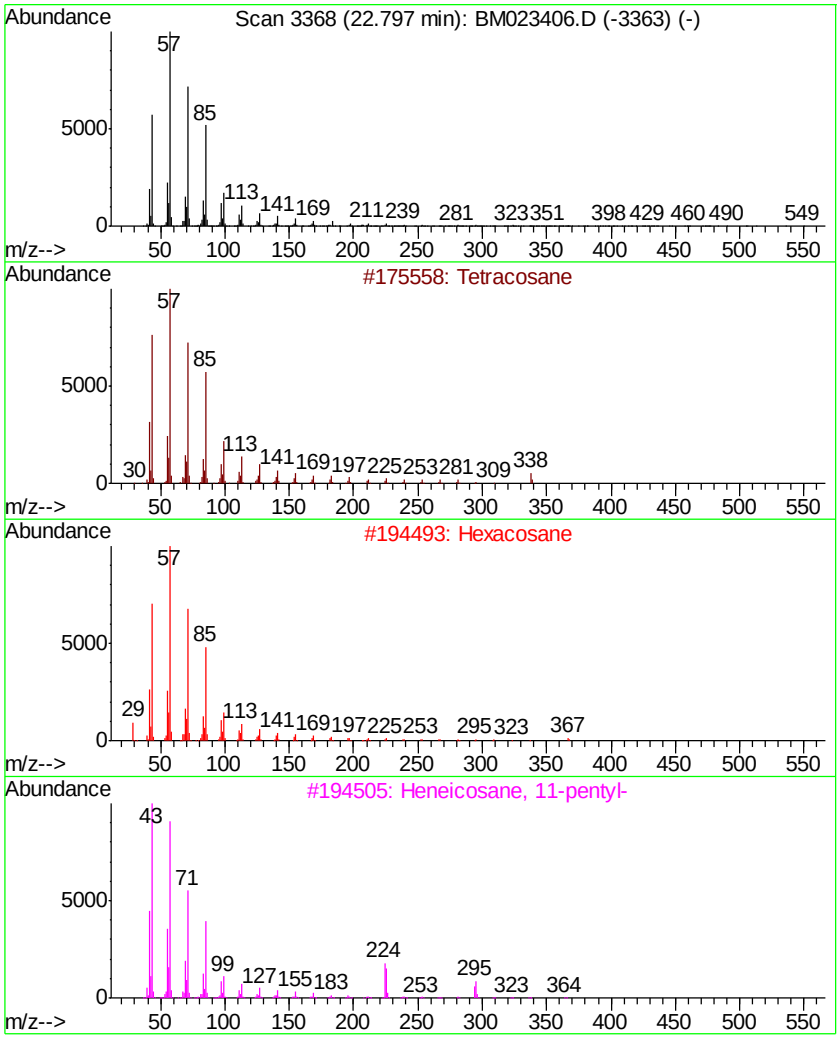
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

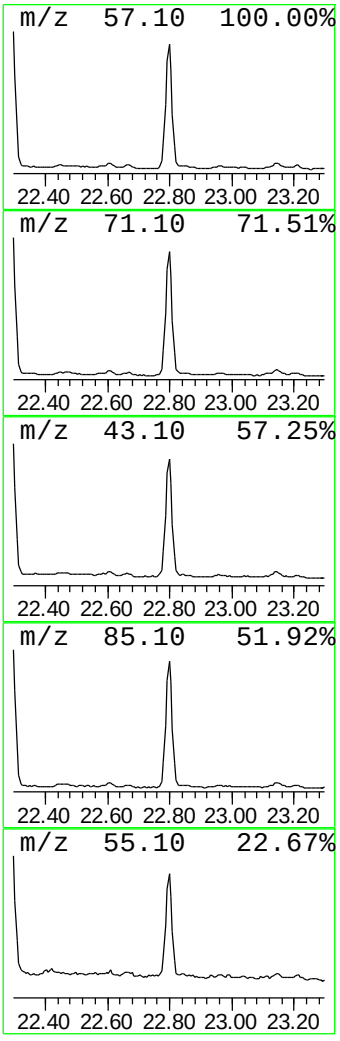
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	15.72 ng/ul	4701560	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

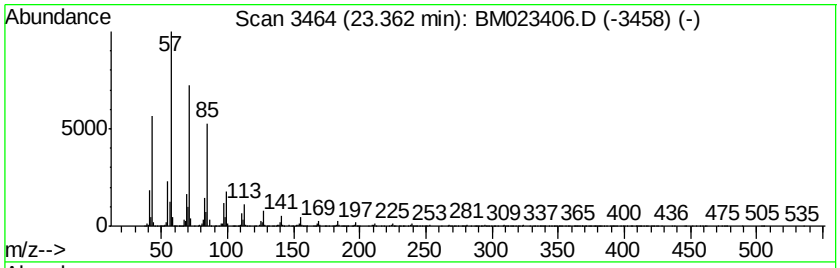
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

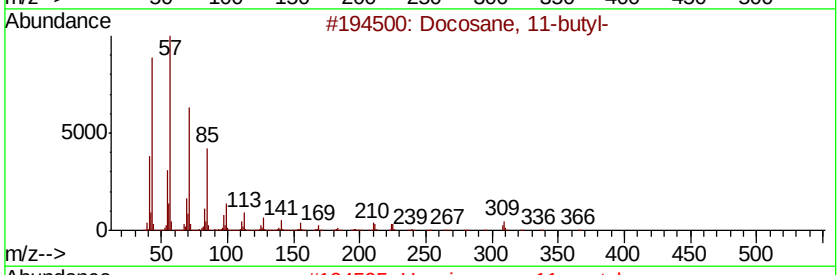
****

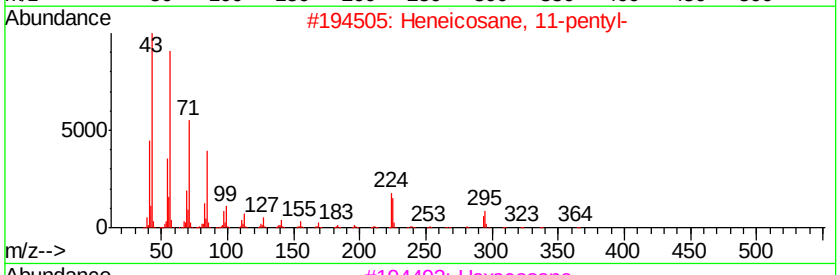
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 11

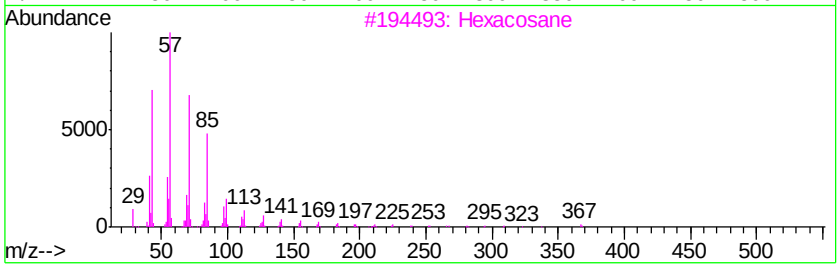
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	15.44 ng/ul	4619340	Perylene-d12	23.43

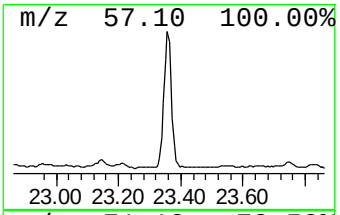
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91

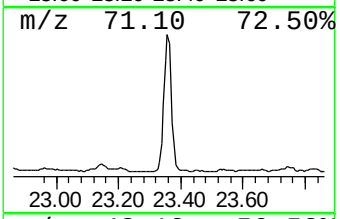


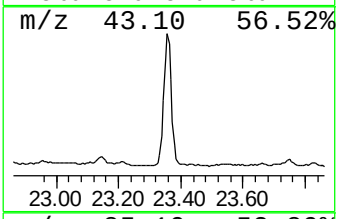


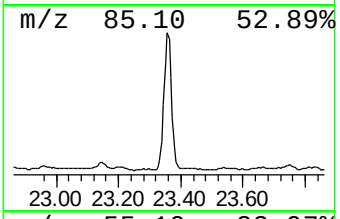


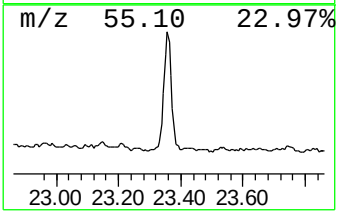












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

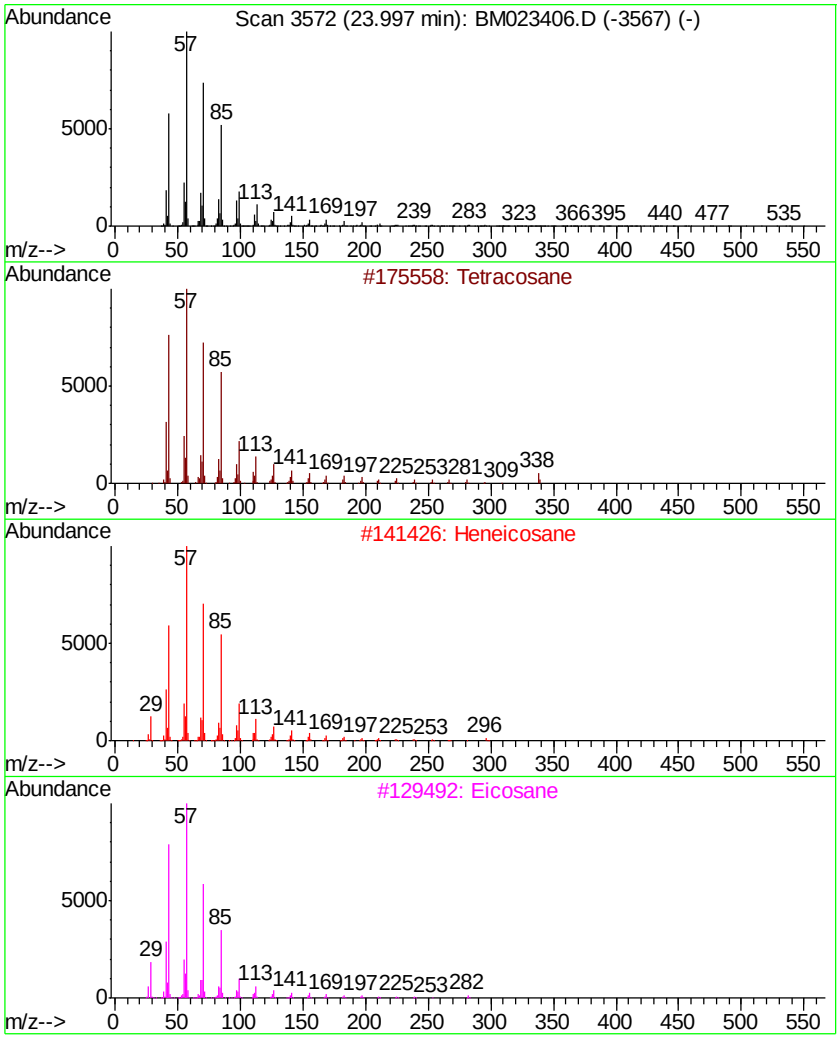
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

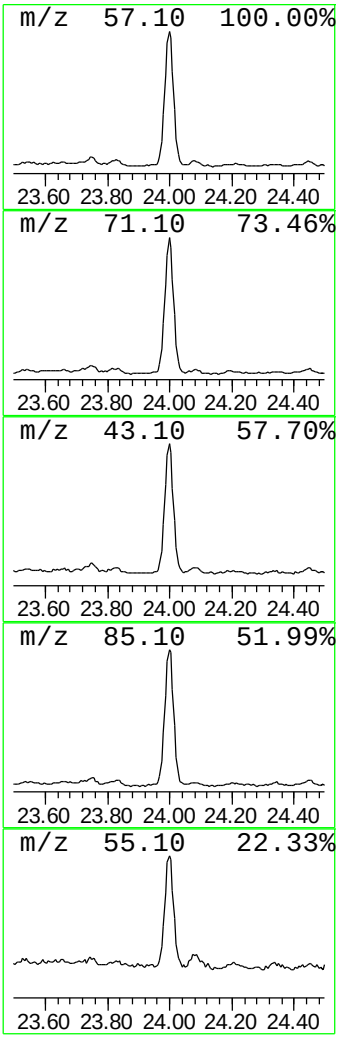
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	12.45 ng/ul	3725000	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Eicosane	282	C20H42	000112-95-8	94
4	Hentriacontane	437	C31H64	000630-04-6	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

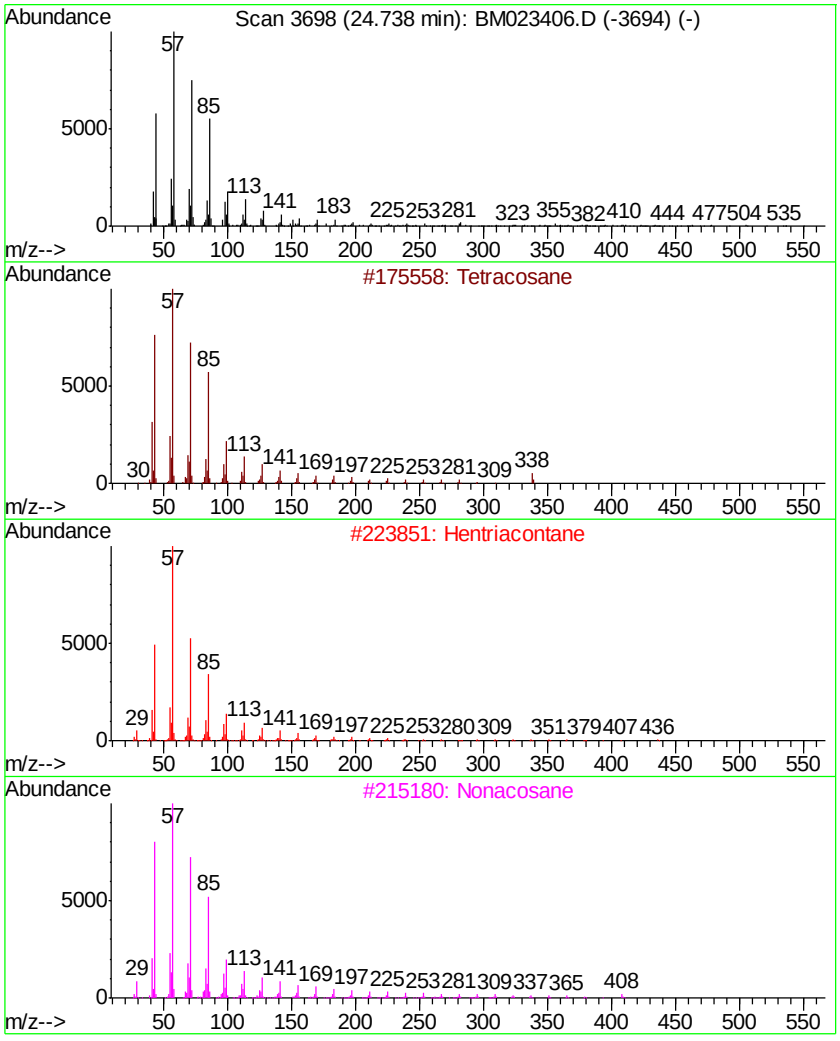
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

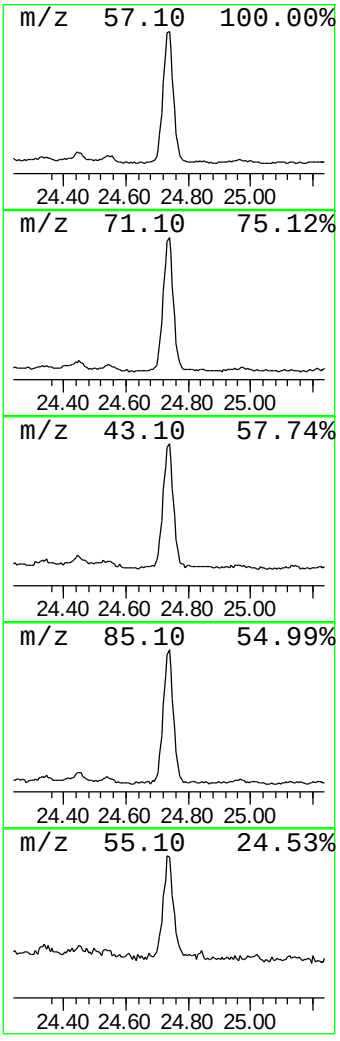
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.74	8.04 ng/ul	2403990	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Hentriacontane	437	C31H64	000630-04-6	95
3	Nonacosane	408	C29H60	000630-03-5	94
4	Octadecane	254	C18H38	000593-45-3	94
5	Nonadecane	268	C19H40	000629-92-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102519\
Data File : BM023406.D
Acq On : 25 Oct 2019 14:44
Operator : JU
Sample : K5344-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF6L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
2-Pentanol, 4-met...	3.71	17.8	ng/ul	3265250	1	7.63	3668640	20.0
p-Xylene	5.32	11.1	ng/ul	2026290	1	7.63	3668640	20.0
Benzene, propyl-	6.63	3.1	ng/ul	578602	1	7.63	3668640	20.0
Benzene, 1-ethyl-...	6.73	6.9	ng/ul	1268000	1	7.63	3668640	20.0
Benzene, 1-ethyl-...	7.03	6.2	ng/ul	1140380	1	7.63	3668640	20.0
Benzene, 1,2,3-tr...	7.29	3.6	ng/ul	666851	1	7.63	3668640	20.0
Benzene, 1,2,4-tr...	7.75	16.8	ng/ul	3082480	1	7.63	3668640	20.0
Indane	8.00	10.5	ng/ul	1932680	1	7.63	3668640	20.0
Benzene, 1-methyl...	8.19	2.9	ng/ul	527680	1	7.63	3668640	20.0
Benzene, 1-ethyl-...	8.27	6.0	ng/ul	1092700	1	7.63	3668640	20.0
o-Cymene	8.64	2.6	ng/ul	469304	1	7.63	3668640	20.0
Hexanoic acid, 2-...	8.95	2.7	ng/ul	490535	1	7.63	3668640	20.0
Benzene, 2-ethyl-...	9.06	3.3	ng/ul	949878	2	10.42	5815570	20.0
Benzene, 1,2,4,5-...	9.26	4.0	ng/ul	1164740	2	10.42	5815570	20.0
Benzene, 1,2,3,4-...	9.32	4.9	ng/ul	1427420	2	10.42	5815570	20.0
3-Phenylbut-1-ene	9.67	3.8	ng/ul	1113360	2	10.42	5815570	20.0
Benzene, 2-etheny...	9.82	10.0	ng/ul	2914140	2	10.42	5815570	20.0
Phenol, 2-ethyl-	9.86	11.3	ng/ul	3287110	2	10.42	5815570	20.0
Phenol, 3,5-dimet...	9.91	10.6	ng/ul	3084210	2	10.42	5815570	20.0
Phenol, 3,4-dimet...	10.29	5.0	ng/ul	1451770	2	10.42	5815570	20.0
Phenol, 4-(1-meth...	10.77	4.7	ng/ul	1361460	2	10.42	5815570	20.0
Benzeneacetic acid	10.97	3.8	ng/ul	1099200	2	10.42	5815570	20.0
unknown-01	11.17	21.2	ng/ul	6174060	2	10.42	5815570	20.0
3,4-Dimethylbenzy...	11.40	2.3	ng/ul	654046	2	10.42	5815570	20.0
Naphthalene, 1-me...	12.30	7.0	ng/ul	2035170	2	10.42	5815570	20.0
(DEL) Alkane: Str...	20.01	2.7	ng/ul	745400	5	21.22	5556780	20.0
(DEL) Alkane: Str...	20.50	7.6	ng/ul	2119590	5	21.22	5556780	20.0
(DEL) Alkane: Str...	21.40	10.5	ng/ul	2916470	5	21.22	5556780	20.0
(DEL) Alkane: Str...	21.84	13.9	ng/ul	3850640	5	21.22	5556780	20.0
(DEL) Alkane: Str...	22.30	17.1	ng/ul	4761050	5	21.22	5556780	20.0
(DEL) Alkane: Str...	22.80	15.7	ng/ul	4701560	6	23.43	5982570	20.0
(DEL) Alkane: Str...	23.36	15.4	ng/ul	4619340	6	23.43	5982570	20.0
(DEL) Alkane: Str...	24.00	12.4	ng/ul	3725000	6	23.43	5982570	20.0
(DEL) Alkane: Str...	24.74	8.0	ng/ul	2403990	6	23.43	5982570	20.0