LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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-BM020620MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	432	437	446	rVV	2599708	4081195	1.67%	0.406%
2	6.516	609	617	622	rBV2	1868517	3294389	1.35%	0.328%
3	6.575	622	627	630	rBV	1495694	2494857	1.02%	0.248%
4	6.651	635	640	645	rVB	1711496	2458940	1.01%	0.245%
5	6.810	662	667	672	rVV	3381345	4909862	2.01%	0.489%
6	7.069	704	711	717	rVV	13607364	20279974	8.29%	2.020%
7	7.410	762	769	773	rVV2	2122190	3680954	1.51%	0.367%
8	7.522	781	788	796	rVV	7901972	12935450	5.29%	1.288%
9	7.698	812	818	825	rBV4	878700	2026721	0.83%	0.202%
10	7.769	825	830	835	rVB	2287527	3345924	1.37%	0.333%
11	7.957	857	862	868	rVB	2149650	3457656	1.41%	0.344%
12	8.045	868	877	881	rBV3	3089074	5536156	2.26%	0.551%
13	8.204	895	904	912	rBV2	1615253	3858882	1.58%	0.384%
14	8.357	924	930	934	rBV	2097318	3092286	1.26%	0.308%
15	8.404	934	938	943	rVV	2370216	3428409	1.40%	0.341%
16	8.504	949	955	959	rVV	4527692	7491131	3.06%	0.746%
17	8.575	964	967	975	rVV2	1708692	3721105	1.52%	0.371%
18	8.651	975	980	987	rVB	2547468	3824859	1.56%	0.381%
19	8.751	987	997	1004	rVB8	1013627	2722866	1.11%	0.271%
20	8.834	1004	1011	1016	rBV2	1634690	3063432	1.25%	0.305%
21	9.022	1038	1043	1048	rVV	2629373	4027812	1.65%	0.401%
22	9.081	1048	1053	1061	rVB	3954410	6581257	2.69%	0.656%
23	9.257	1075	1083	1091	rBV3	1104538	2751426	1.13%	0.274%
24	9.428	1109	1112	1116	rVV	1549444	2202372	0.90%	0.219%
25	9.581	1128	1138	1144	rVV3	4182685	8896371	3.64%	0.886%
26	9.657	1144	1151	1161	rVB4	970546	2726178	1.12%	0.272%
27	9.798	1169	1175	1182	rVB4	2739897	5582394	2.28%	0.556%
28	10.057	1210	1219	1224	rBV2	1746670	3460692	1.42%	0.345%
29	10.169	1229	1238	1241	rVV2	2833166	7434610	3.04%	0.741%
30	10.222	1241	1247	1255	rVV	19043018	34131121	13.96%	3.400%
31	11.228	1410	1418	1422	rBV4	1043513	2519794	1.03%	0.251%
32	11.639	1484	1488	1494	rVV	3111614	4768687	1.95%	0.475%
33	11.722	1498	1502	1508	rVB	1463079	2318038	0.95%	0.231%
34	11.845	1514	1523	1533	rVB	14077472	24362091	9.96%	2.427%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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-BM020620MA.M
Title : SVOA CALIBRATION

35	12.022	1546	1553	1555	rBV2	2804608	5106436	2.09%	0.509%
36	12.075	1555	1562	1567	rVB	21947538	37171886	15.20%	3.702%
37	12.475	1625	1630	1636	rBV6	1401696	2510390	1.03%	0.250%
38	12.539	1636	1641	1648	rBV2	2584825	4879048	2.00%	0.486%
39	12.622	1652	1655	1663	rVB5	1626510	2771448	1.13%	0.276%
40	12.775	1675	1681	1686	rBV	9460326	13931770	5.70%	1.388%
41	12.880	1694	1699	1702	rBV	2631764	3715613	1.52%	0.370%
42	12.922	1702	1706	1714	rVB	5643894	7612717	3.11%	0.758%
43	13.080	1727	1733	1745	rVB	6369684	15127552	6.19%	1.507%
44	13.222	1751	1757	1759	rBV	10774712	18498685	7.57%	1.843%
45	13.386	1777	1785	1790	rVV	17417741	33980488	13.90%	3.385%
46	13.439	1790	1794	1799	rVV	12974528	18716083	7.65%	1.864%
47	13.486	1799	1802	1808	rVB	4541506	6562463	2.68%	0.654%
48	13.592	1812	1820	1821	rVV2	2276363	4264865	1.74%	0.425%
49	13.622	1821	1825	1828	rVV	9326513	14422812	5.90%	1.437%
50	13.651	1828	1830	1835	rVB	3759860	4407500	1.80%	0.439%
51	13.745	1841	1846	1849	rVV	3113345	4840774	1.98%	0.482%
52	13.786	1849	1853	1859	rVB	5418162	8075860	3.30%	0.804%
53	13.898	1869	1872	1884	rVB3	1583804	2624180	1.07%	0.261%
54	14.010	1885	1891	1895	rBV2	8239027	12326492	5.04%	1.228%
55	14.051	1895	1898	1906	rVV3	4513189	8216023	3.36%	0.818%
56	14.122	1906	1910	1913	rVV	3499153	4463580	1.83%	0.445%
57	14.163	1913	1917	1920	rVB2	2647170	3518840	1.44%	0.350%
58	14.286	1931	1938	1946	rBV	5463637	13290114	5.44%	1.324%
59	14.369	1947	1952	1957	rVB3	2332574	3751038	1.53%	0.374%
60	14.474	1957	1970	1976	rBV2	7699008	19412602	7.94%	1.934%
61	14.551	1978	1983	1988	rVB	6535742	9331991	3.82%	0.929%
62	14.622	1989	1995	2002	rVB3	6180955	11414472	4.67%	1.137%
63	14.704	2003	2009	2013	rBV2	13435278	20666160	8.45%	2.058%
64	14.751	2013	2017	2022	rVB	6569908	9092240	3.72%	0.906%
65	14.869	2030	2037	2040	rBV2	4982514	9302981	3.80%	0.927%
66	14.898	2040	2042	2047	rVB	2521034	2730294	1.12%	0.272%
67	14.974	2050	2055	2058	rBV	8307009	9485863	3.88%	0.945%
68	15.063	2067	2070	2075	rVB2	5011684	6582199	2.69%	0.656%
69	15.116	2075	2079	2084	rVB3	4870760	6831212	2.79%	0.680%
70	15.174	2084	2089	2092	rBV2	2159929	4380938	1.79%	0.436%
71	15.221	2092	2097	2104	rVB2	14184219	24486714	10.02%	2.439%

LSC Area Percent Report

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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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-BM020620MA.M
Title : SVOA CALIBRATION

72	15.351	2114	2119	2120	rBV3	2008378	2772543	1.13%	0.276%
73	15.421	2127	2131	2134	rBV3	2089483	2840487	1.16%	0.283%
74	15.651	2165	2170	2174	rBV3	2120751	3793775	1.55%	0.378%
75	15.839	2194	2202	2204	rBV2	8429927	14693506	6.01%	1.464%
76	15.863	2204	2206	2212	rVB2	4523004	5407775	2.21%	0.539%
77	15.951	2217	2221	2224	rBV3	1885996	2449831	1.00%	0.244%
78	16.127	2246	2251	2256	rVB4	1967274	4020892	1.64%	0.400%
79	16.180	2256	2260	2264	rBV3	4205565	6455638	2.64%	0.643%
80	16.539	2306	2321	2325	rBV2	73571111	244498539	100.00%	24.353%
81	16.633	2332	2337	2340	rBV	7199614	9370343	3.83%	0.933%
82	16.827	2366	2370	2373	rBV	2398721	3206903	1.31%	0.319%
83	16.868	2373	2377	2382	rVB	8933713	11849138	4.85%	1.180%
84	16.921	2382	2386	2390	rBV2	5015477	7637998	3.12%	0.761%
85	17.027	2400	2404	2409	rBV4	1723441	2861825	1.17%	0.285%
86	17.368	2458	2462	2465	rBV	5841305	7024509	2.87%	0.700%
87	17.404	2465	2468	2472	rVB	2059082	2681077	1.10%	0.267%
88	17.698	2513	2518	2522	rBV	4711741	6823865	2.79%	0.680%
89	17.745	2522	2526	2535	rVB	5437456	9458104	3.87%	0.942%
90	17.880	2544	2549	2554	rBV	4028033	7283547	2.98%	0.725%
91	17.927	2554	2557	2563	rVB	3053283	3946542	1.61%	0.393%
92	18.057	2575	2579	2583	rVB	4643466	5722143	2.34%	0.570%
93	18.504	2651	2655	2658	rBV	1803997	2328203	0.95%	0.232%
94	18.627	2672	2676	2681	rVB	3399841	4755576	1.95%	0.474%
95	18.698	2681	2688	2695	rVB4	3624266	7778820	3.18%	0.775%
96	19.221	2772	2777	2780	rBV	4726103	6566952	2.69%	0.654%
97	19.286	2784	2788	2793	rVV	2903508	3537562	1.45%	0.352%
98	21.021	3078	3083	3087	rBV	3072997	3729387	1.53%	0.371%
99	22.992	3412	3418	3427	rVB	3860558	6631751	2.71%	0.661%
100	23.121	3435	3440	3448	rVB	2223671	3896964	1.59%	0.388%

Sum of corrected areas: 1003996409

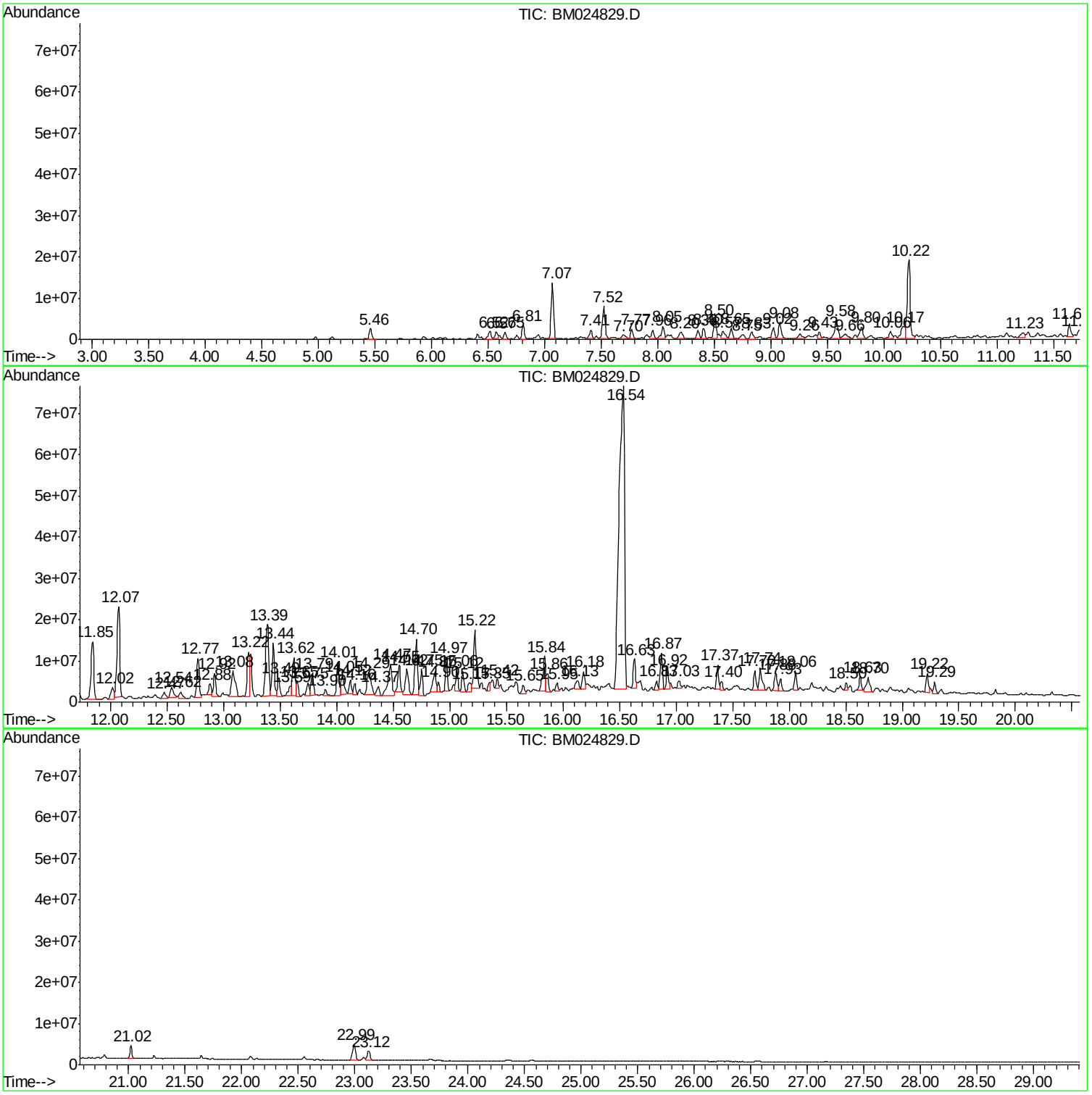
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

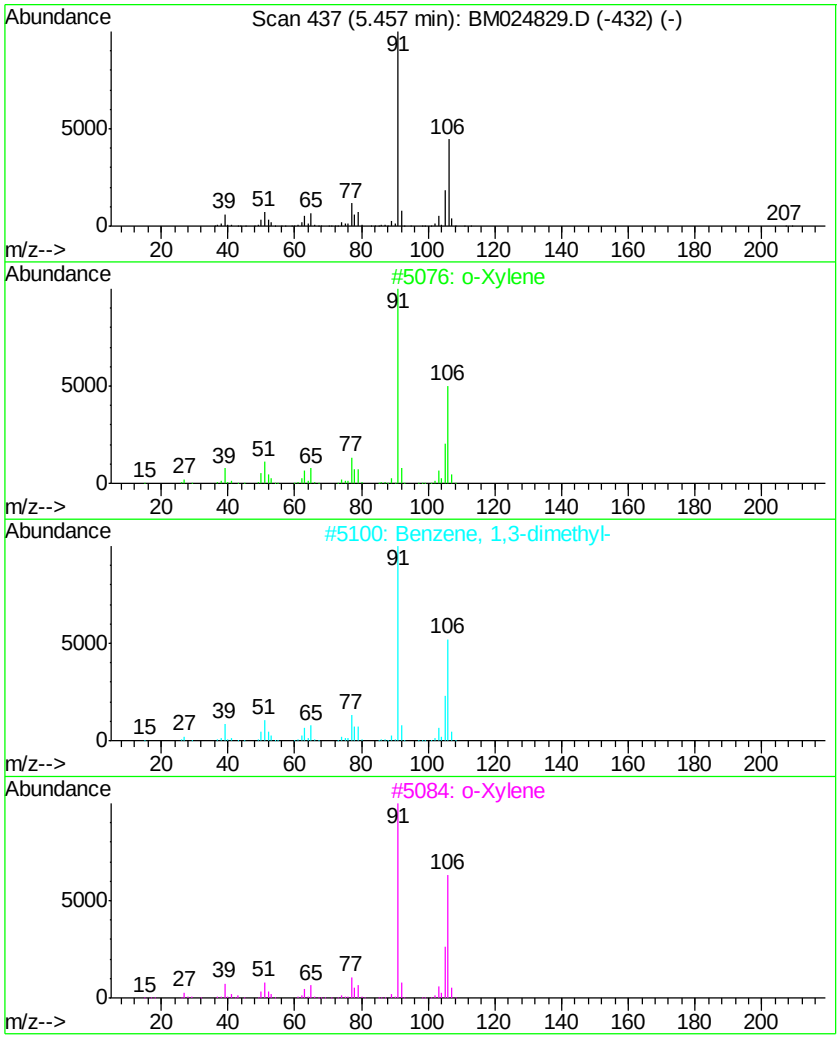
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

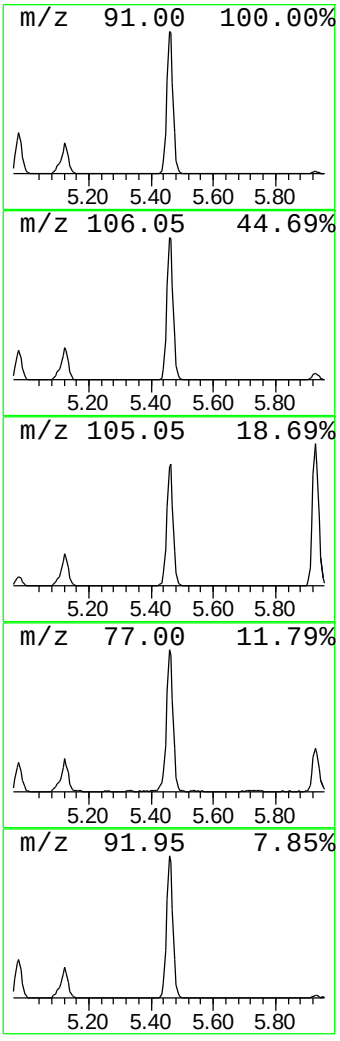
****

Peak Number 1 o-Xylene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	22.17 ng/ul	4081200	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	o-Xylene	106	C8H10	000095-47-6	94
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	p-Xylene	106	C8H10	000106-42-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

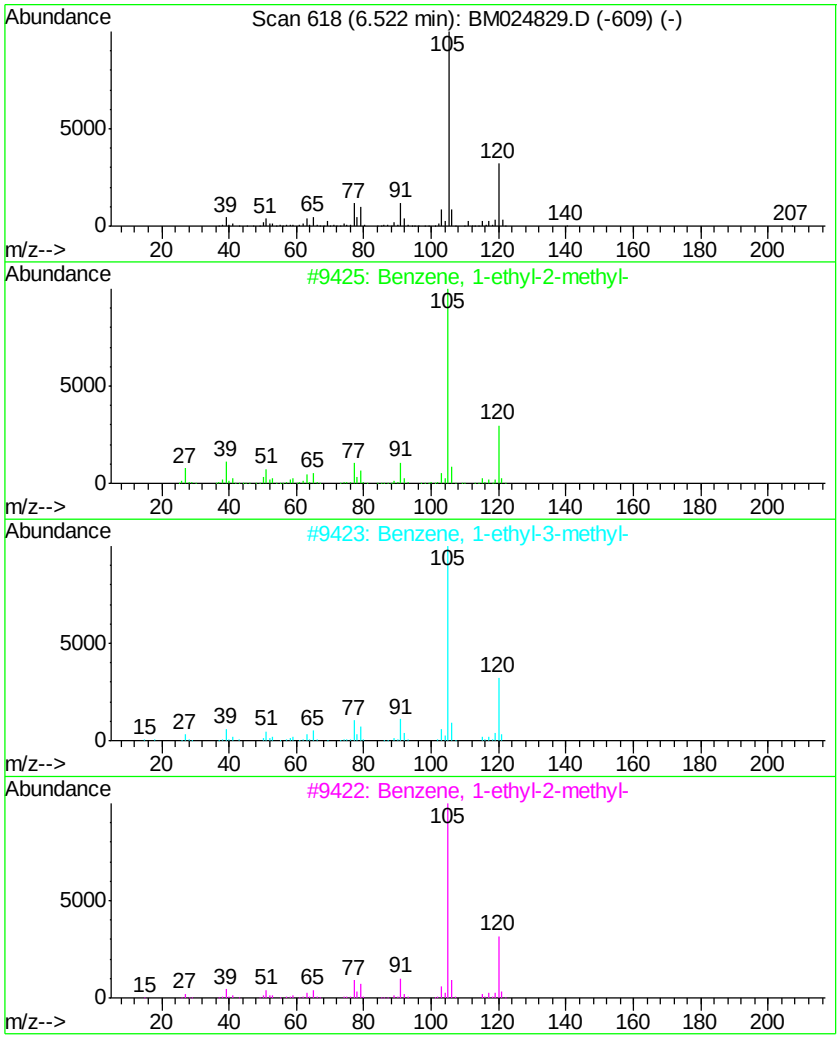
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

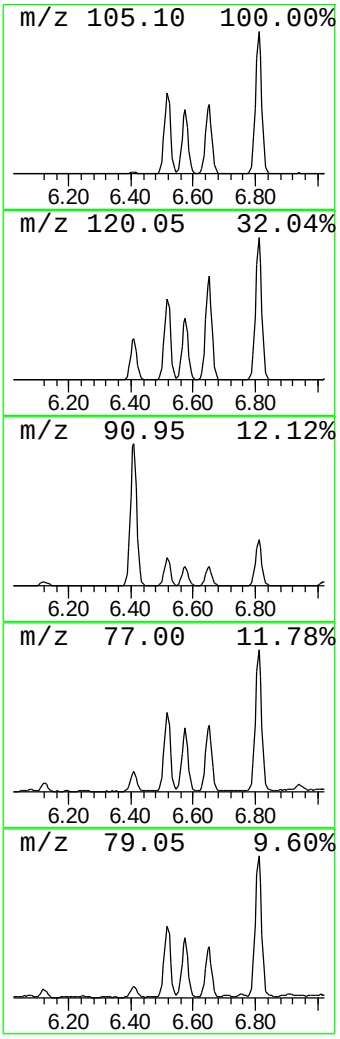
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	17.90 ng/ul	3294390	1,4-Dichlorobenzene-d4	7.40

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

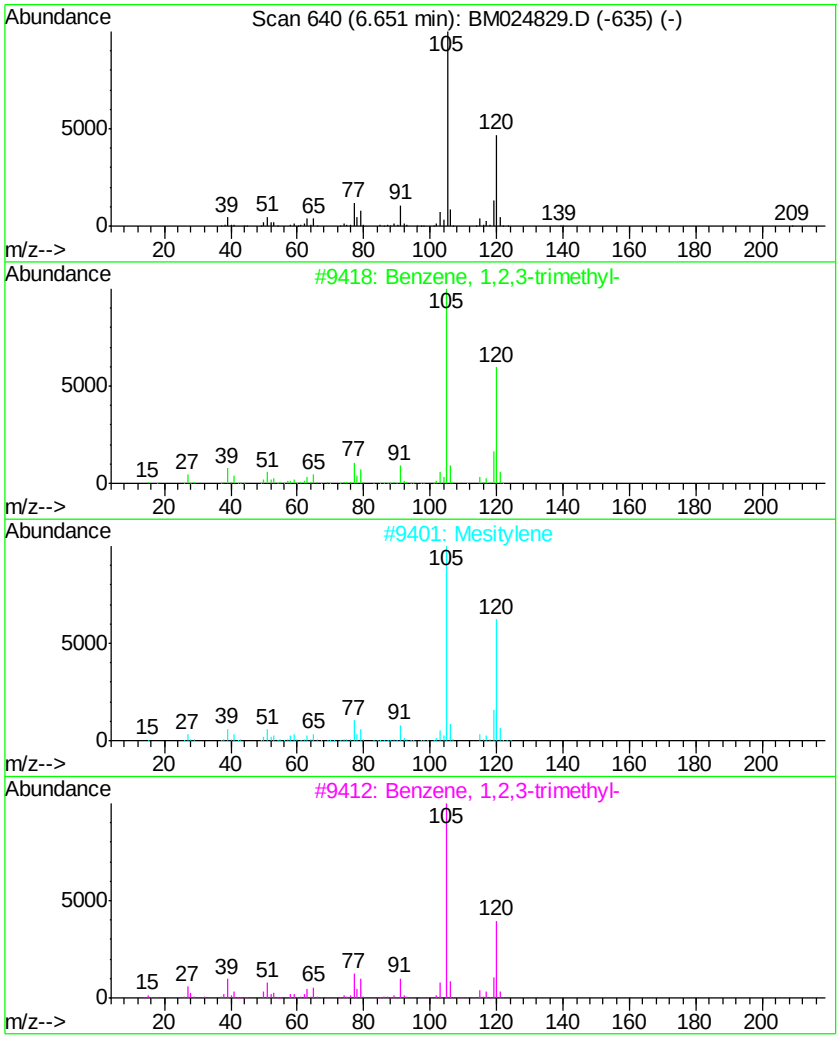
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

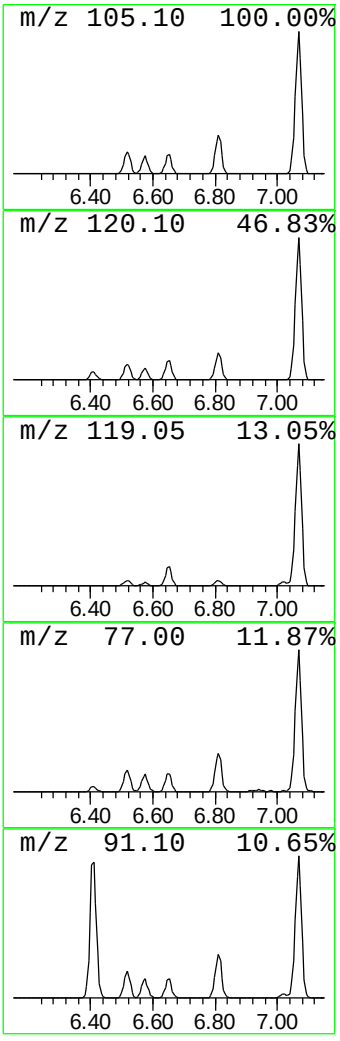
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	13.36 ng/ul	2458940	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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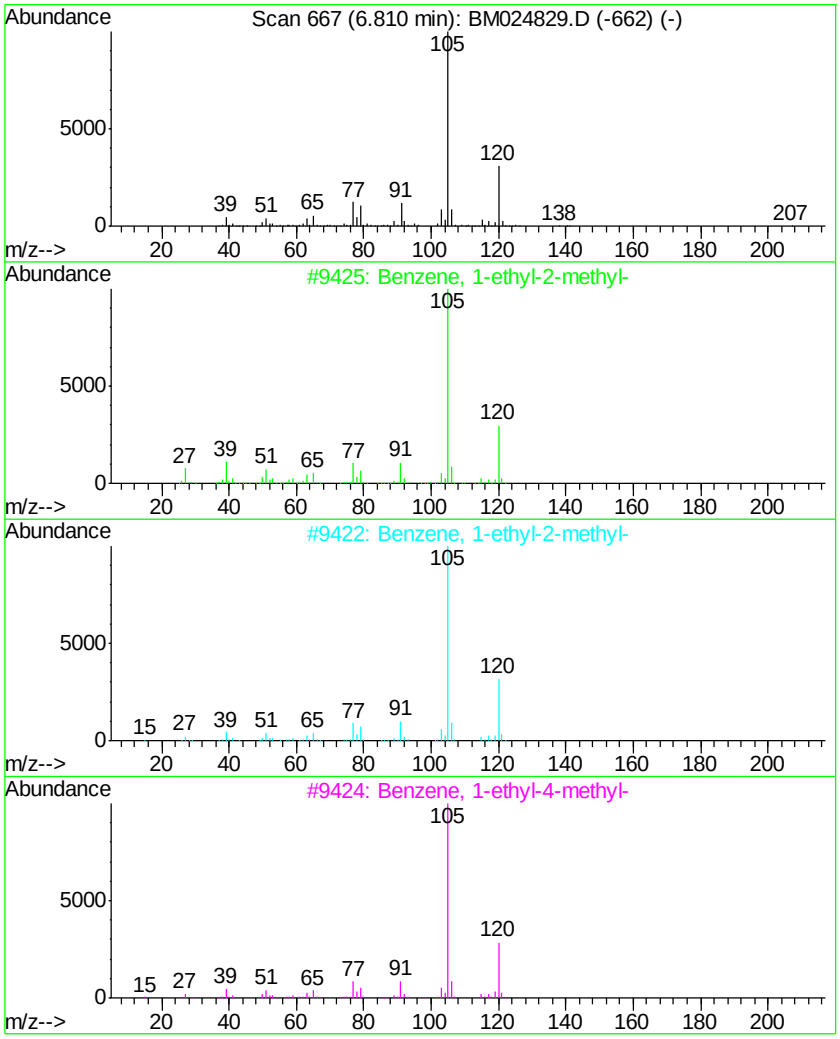
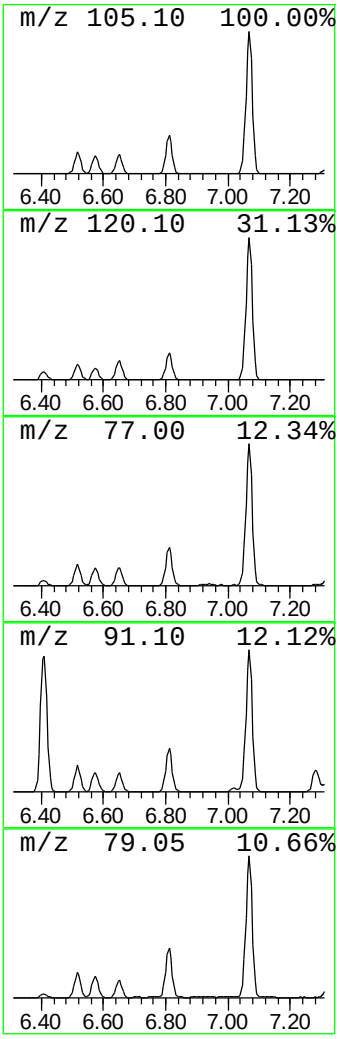
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	26.68 ng/ul	4909860	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

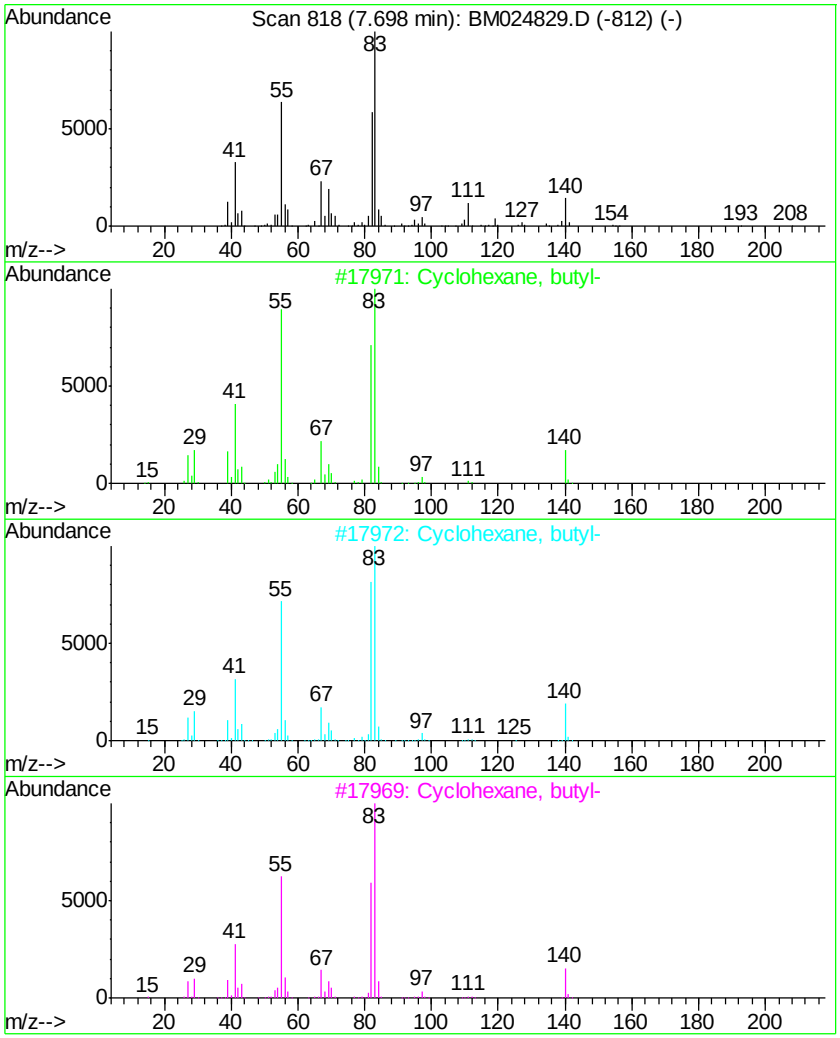
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

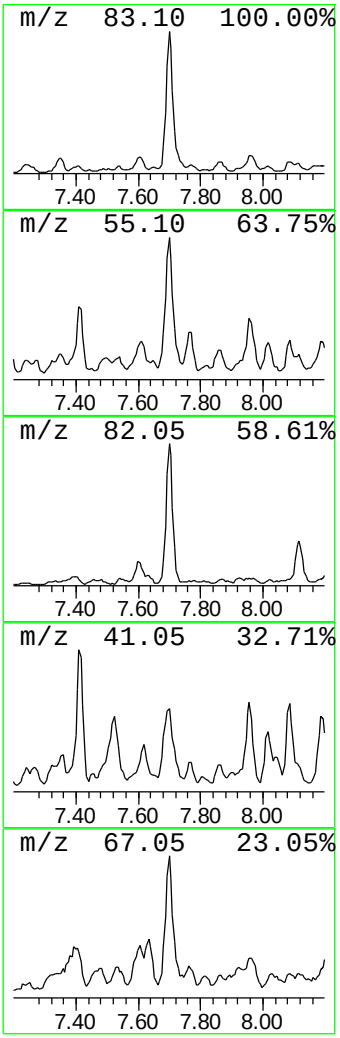
****

Peak Number 7 (DEL) Alkane: Cyclic7.70 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	11.01 ng/ul	2026720	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	80
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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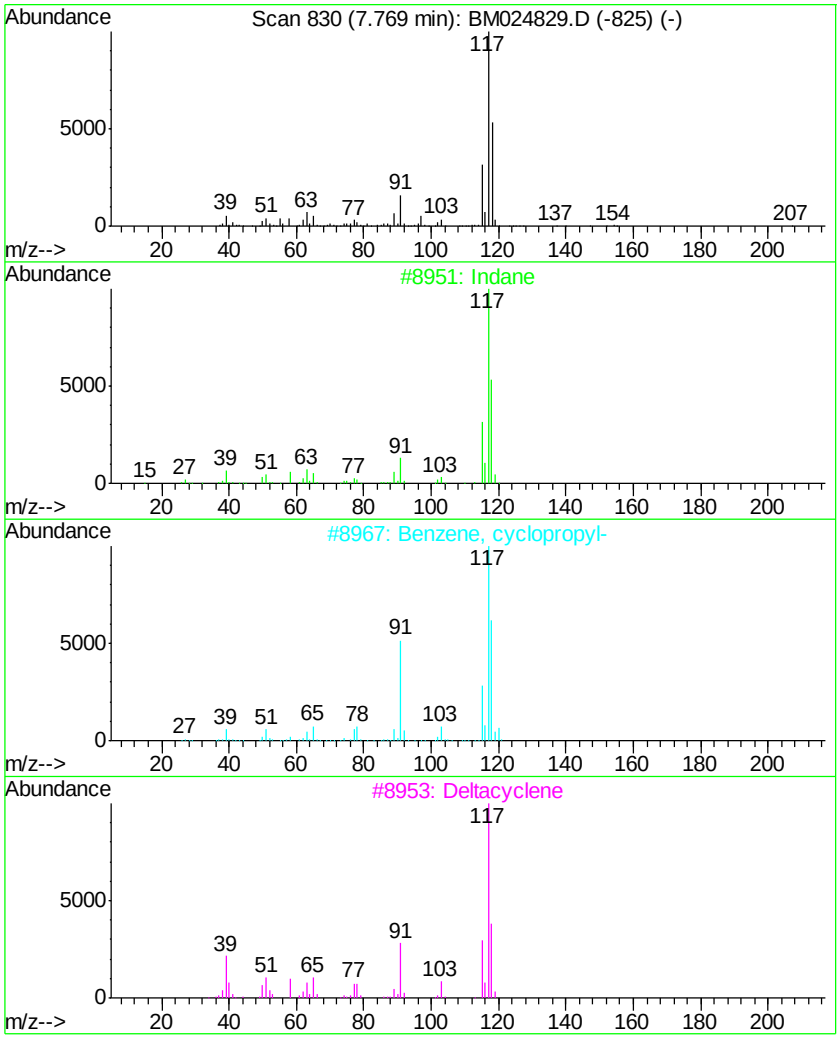
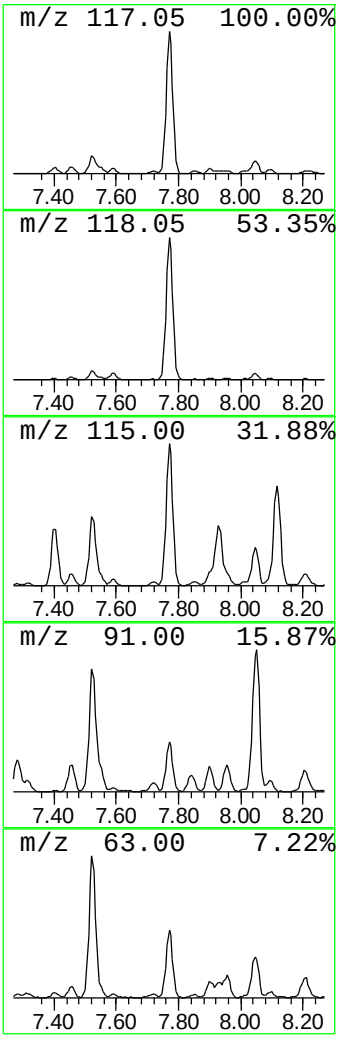
Peak Number 8 Indane Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	18.18 ng/ul	3345920	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Indane	118	C9H10	000496-11-7	60
5	Indane	118	C9H10	000496-11-7	53





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Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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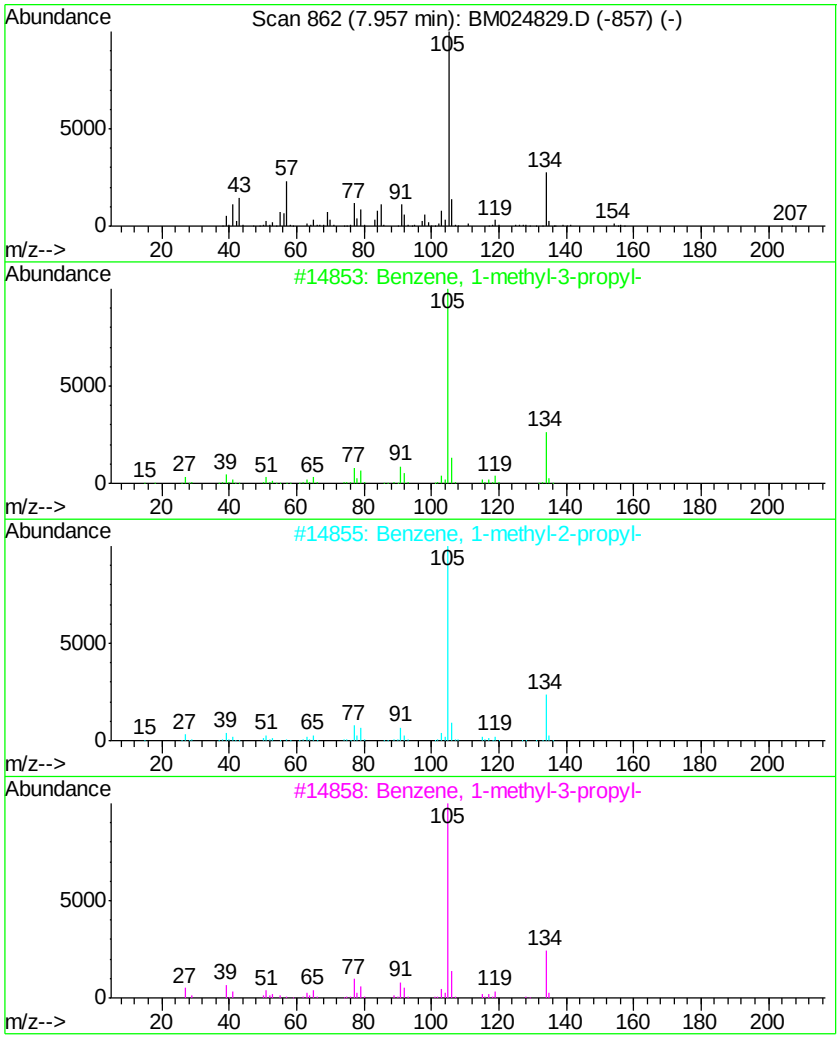
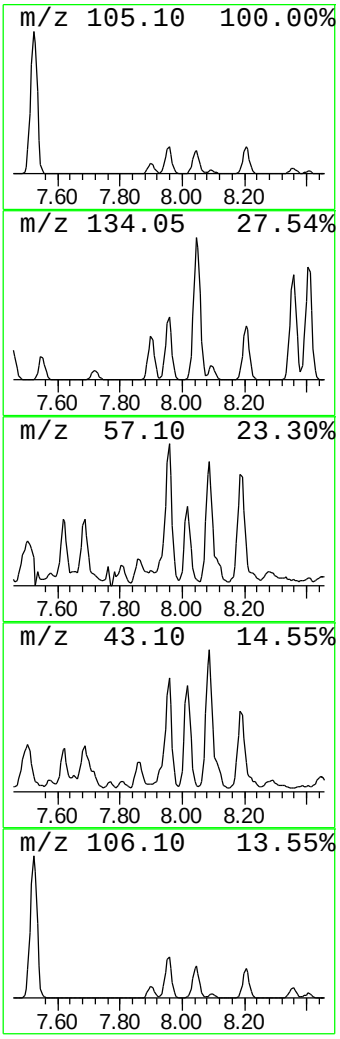
Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	18.79 ng/ul	3457660	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64





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Misc :
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Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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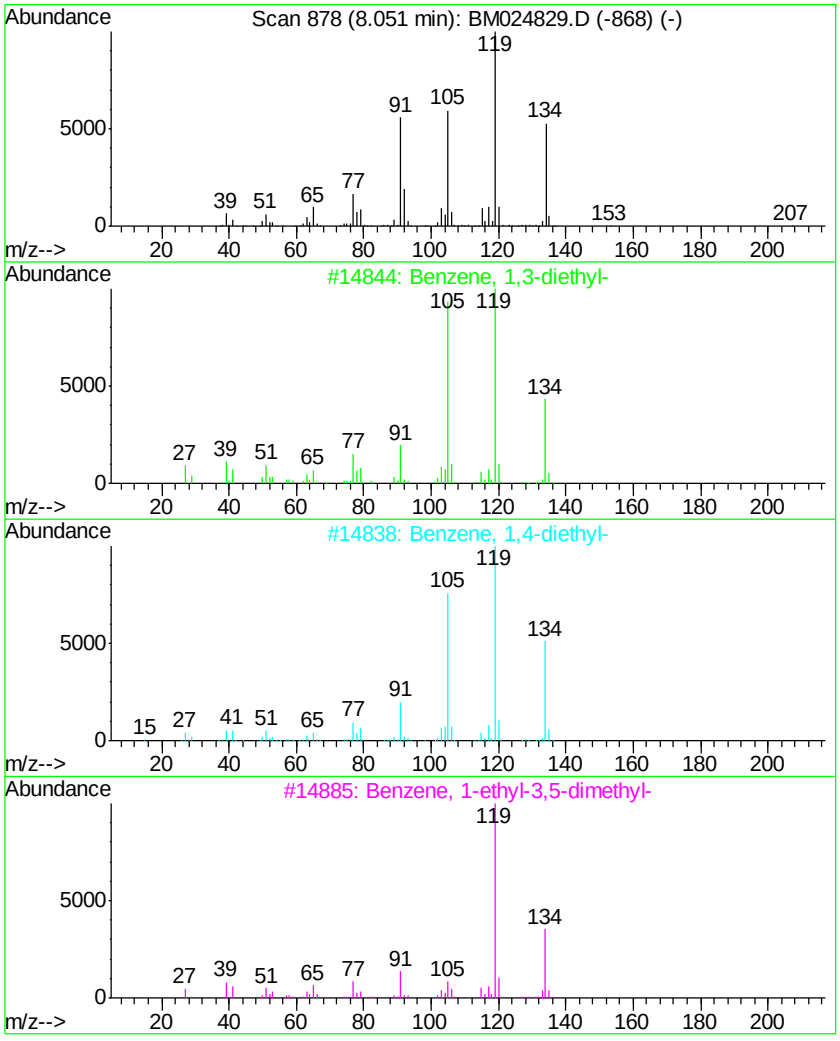
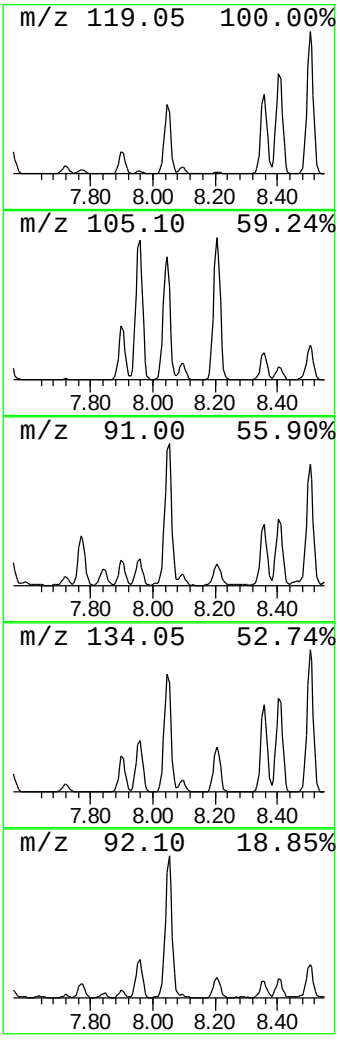
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	30.08 ng/ul	5536160	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





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Sample : L1424-22
Misc :
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Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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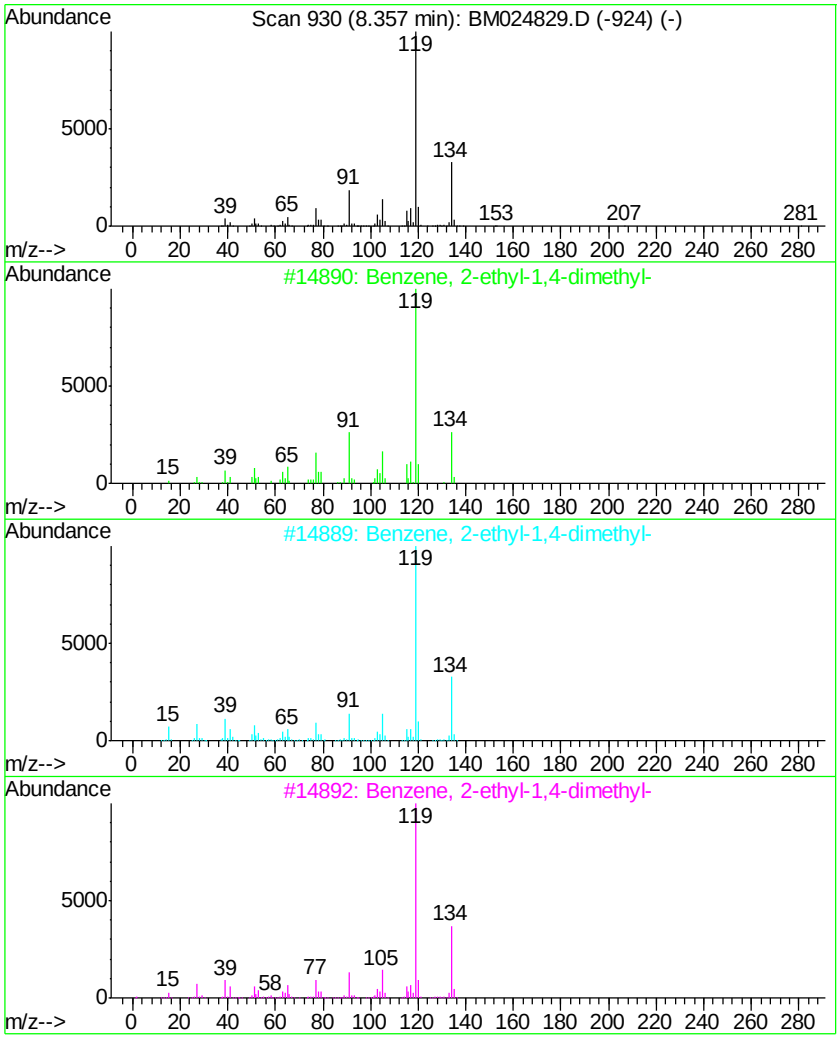
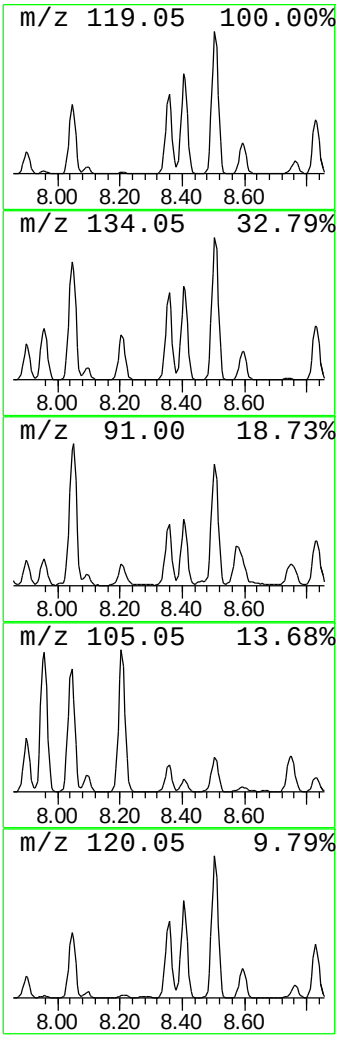
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	16.80 ng/ul	3092290	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

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Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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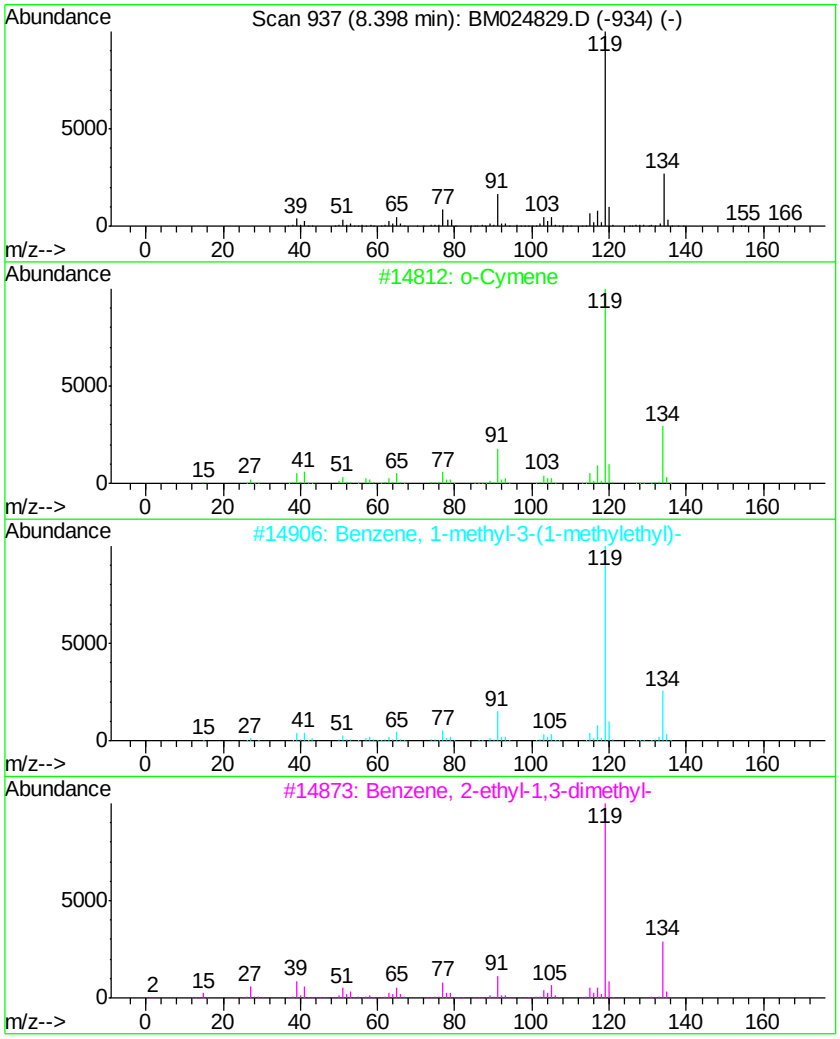
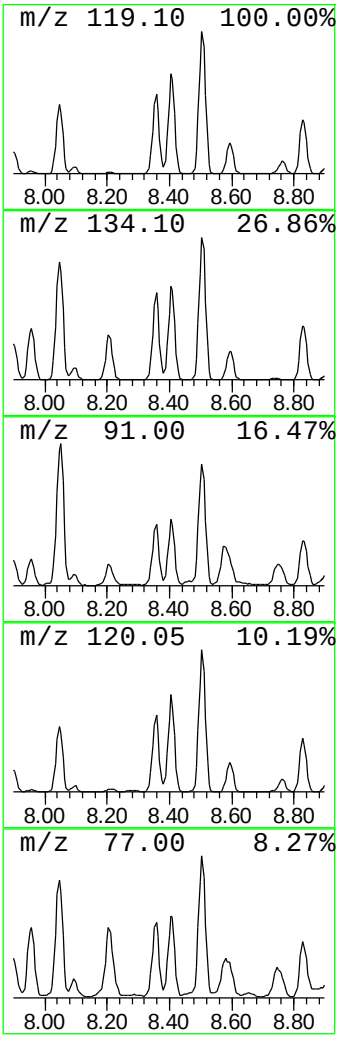
Peak Number 12 o-Cymene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	18.63 ng/ul	3428410	1,4-Dichlorobenzene-d4	7.40

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	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	o-Cymene	134	C10H14	000527-84-4	94





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Misc :
ALS Vial : 26 Sample Multiplier: 1

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ClientSampleId : C5B30

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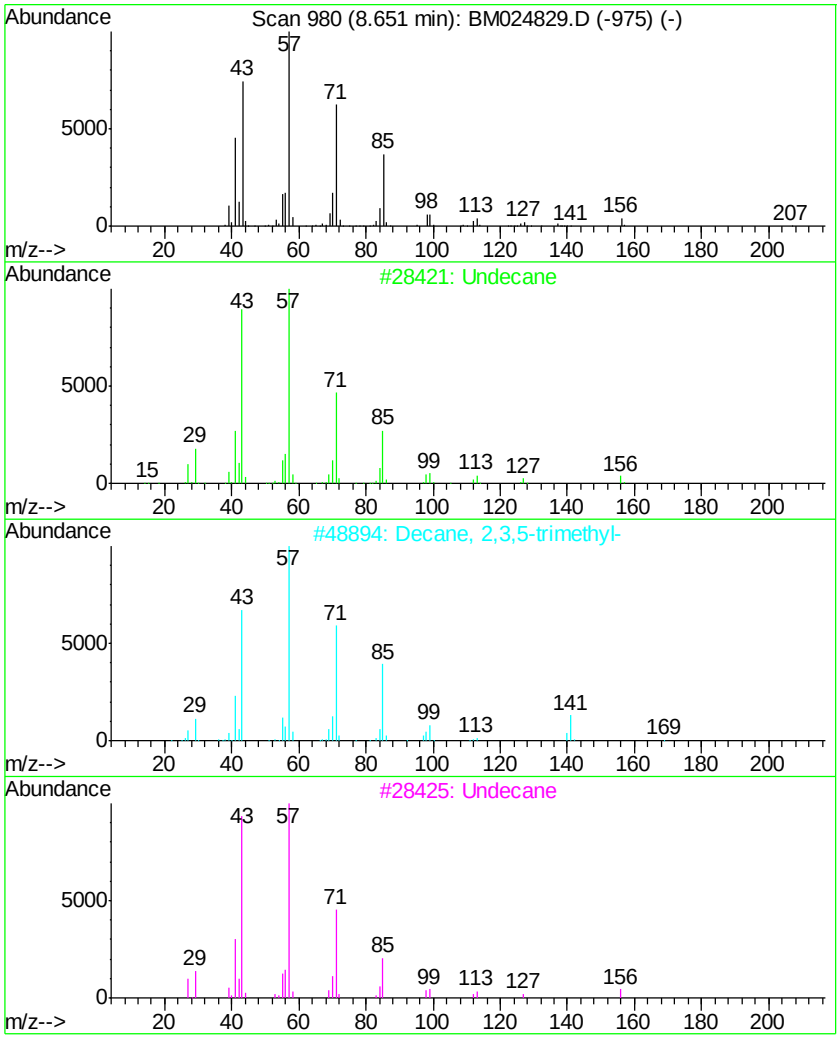
Quant Title : SVOA CALIBRATION

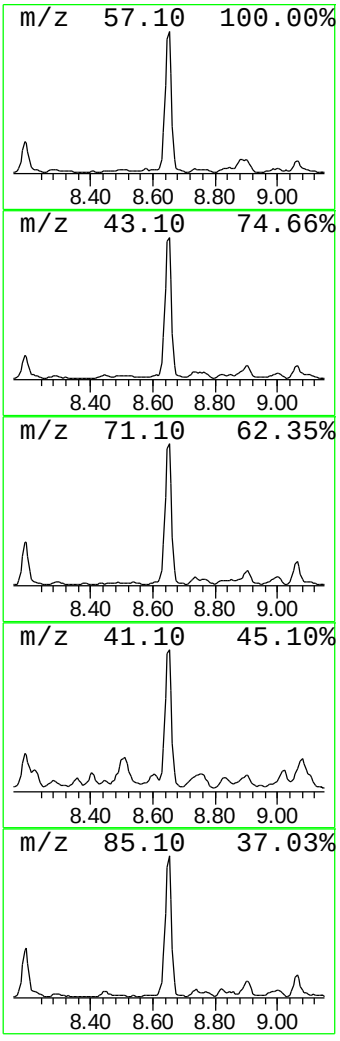
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	20.78 ng/ul	3824860	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Undecane	156	C11H24	001120-21-4	76
4	Undecane	156	C11H24	001120-21-4	76
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : L1424-22
Misc :
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Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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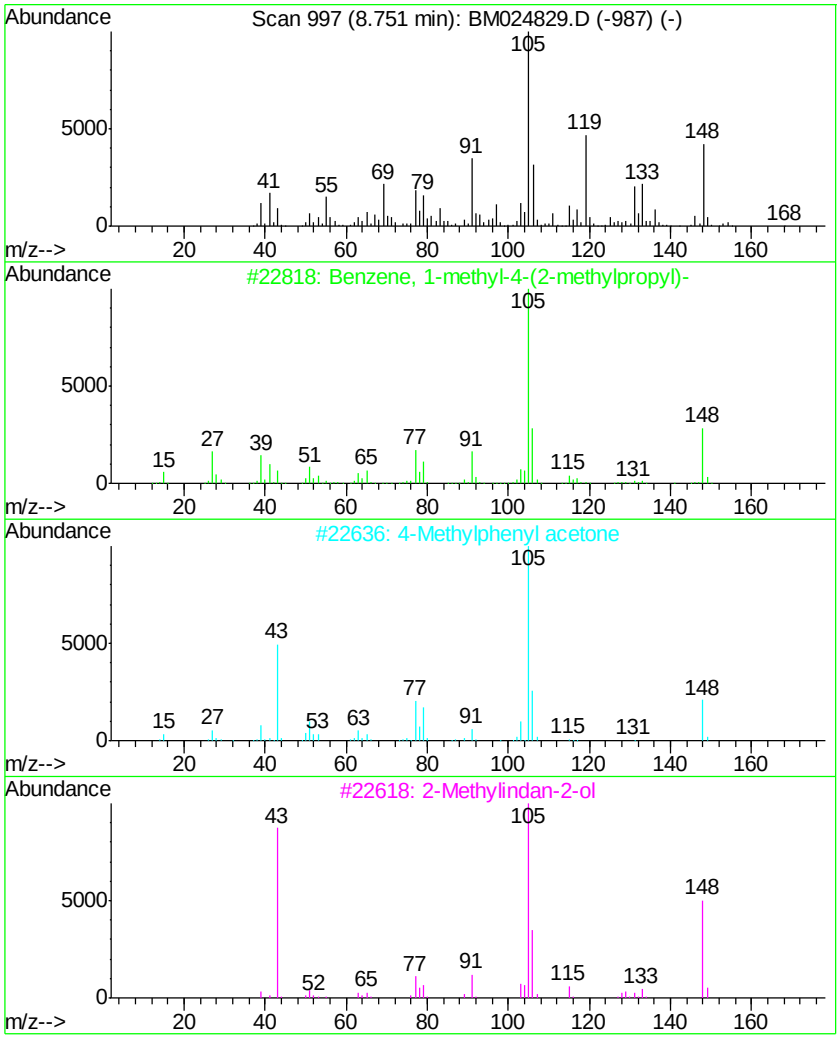
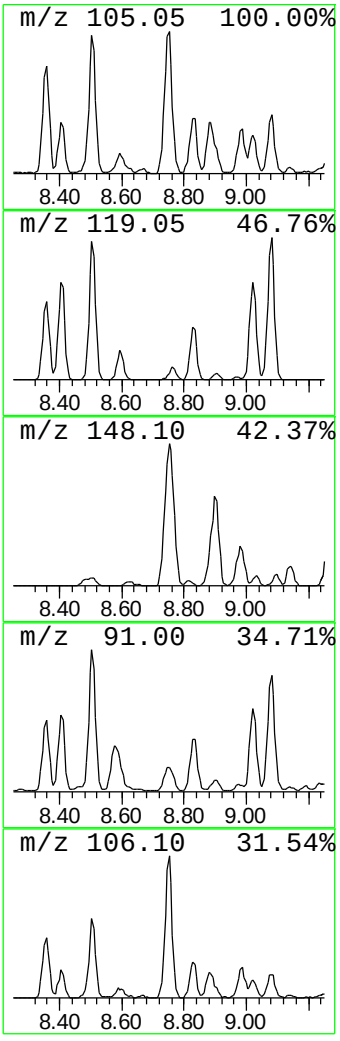
Peak Number 14 Benzene, 1-methyl-4-(2-meth... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	14.79 ng/ul	2722870	1,4-Dichlorobenzene-d4	7.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	50
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	45
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
4	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	43
5	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	38





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Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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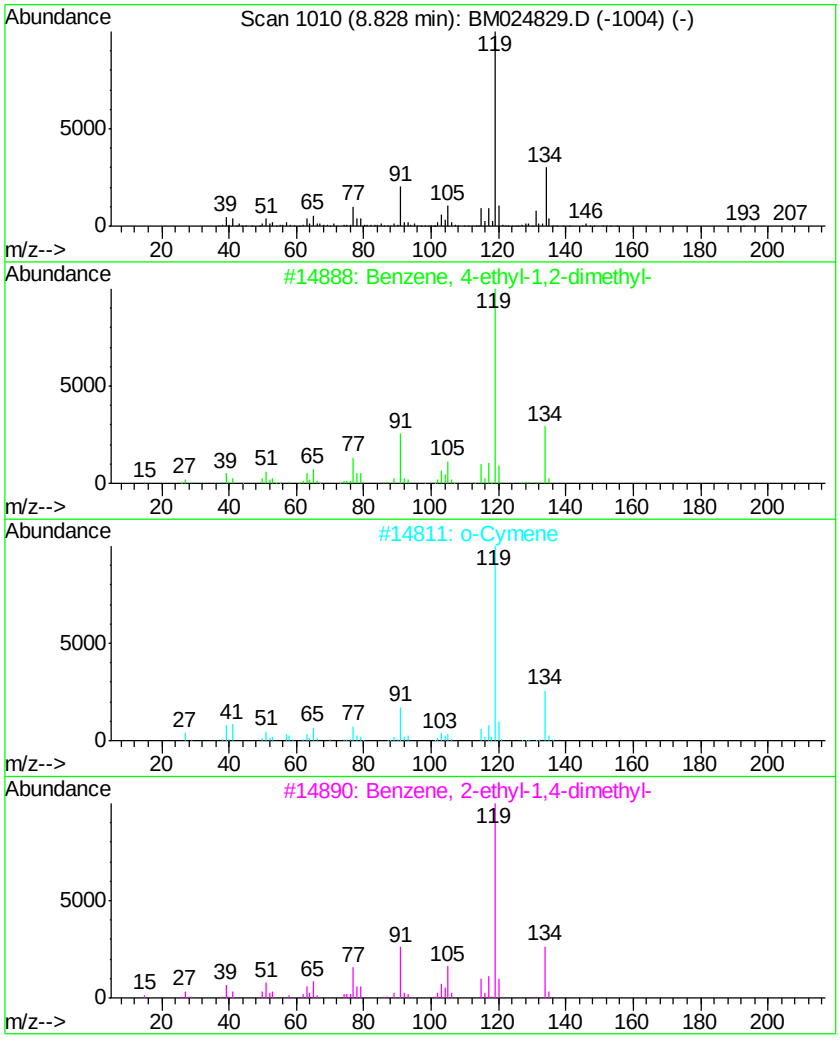
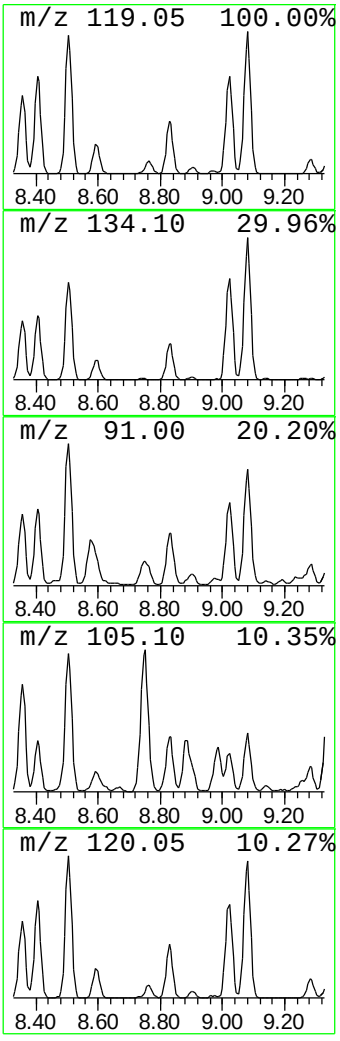
Peak Number 15 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	8.24 ng/ul	3063430	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	p-Cymene	134	C10H14	000099-87-6	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 16 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	10.84 ng/ul	4027810	Naphthalene-d8	10.16

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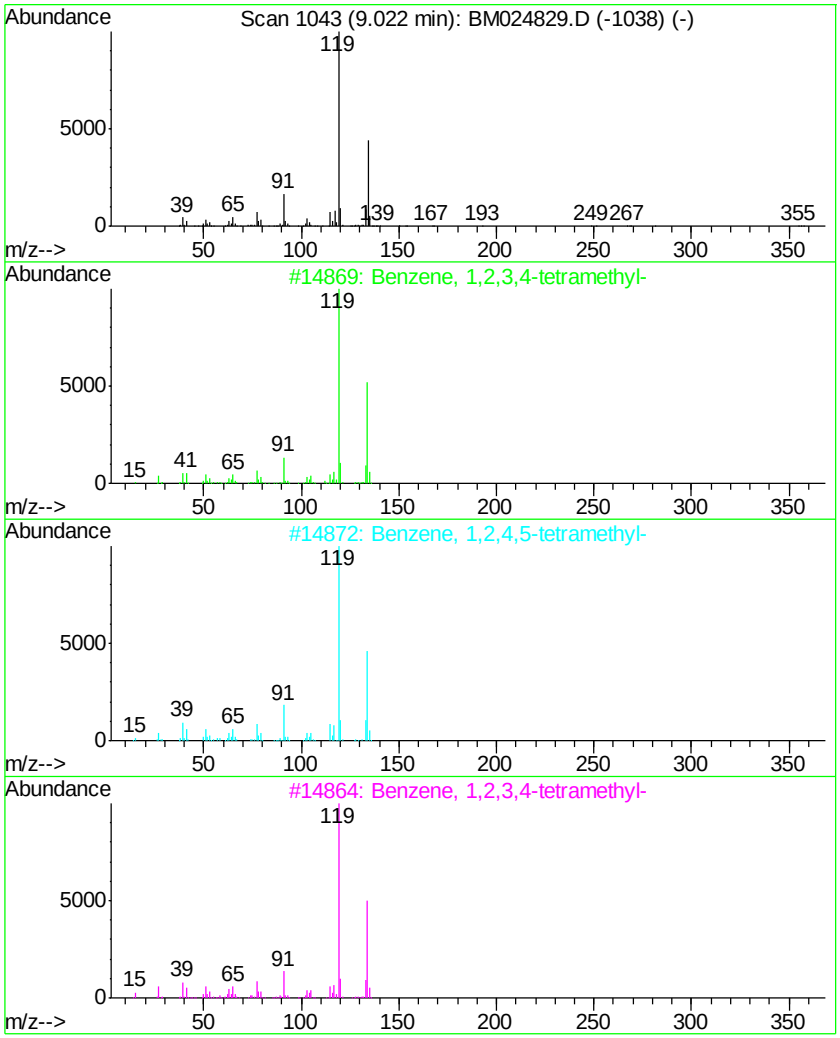

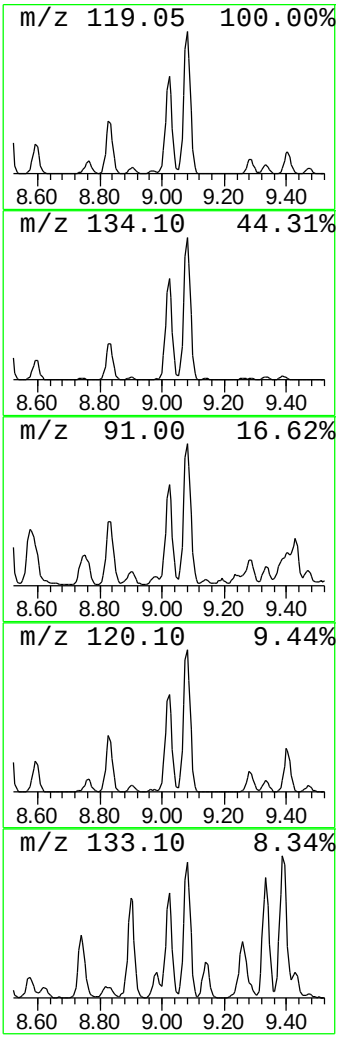

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Sample : L1424-22
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ClientSampleId : C5B30

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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 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	17.70 ng/ul	6581260	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
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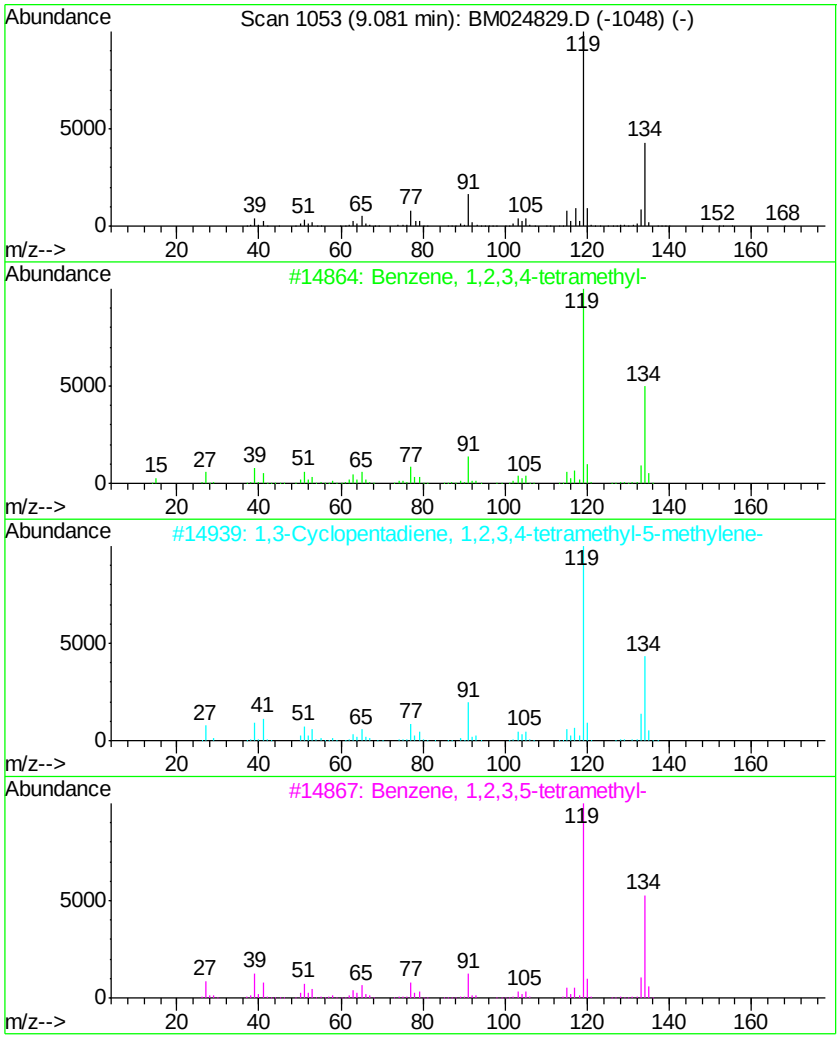

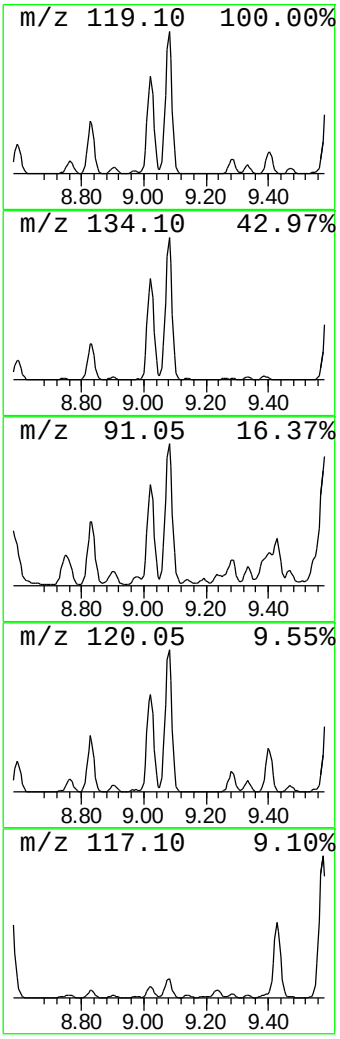

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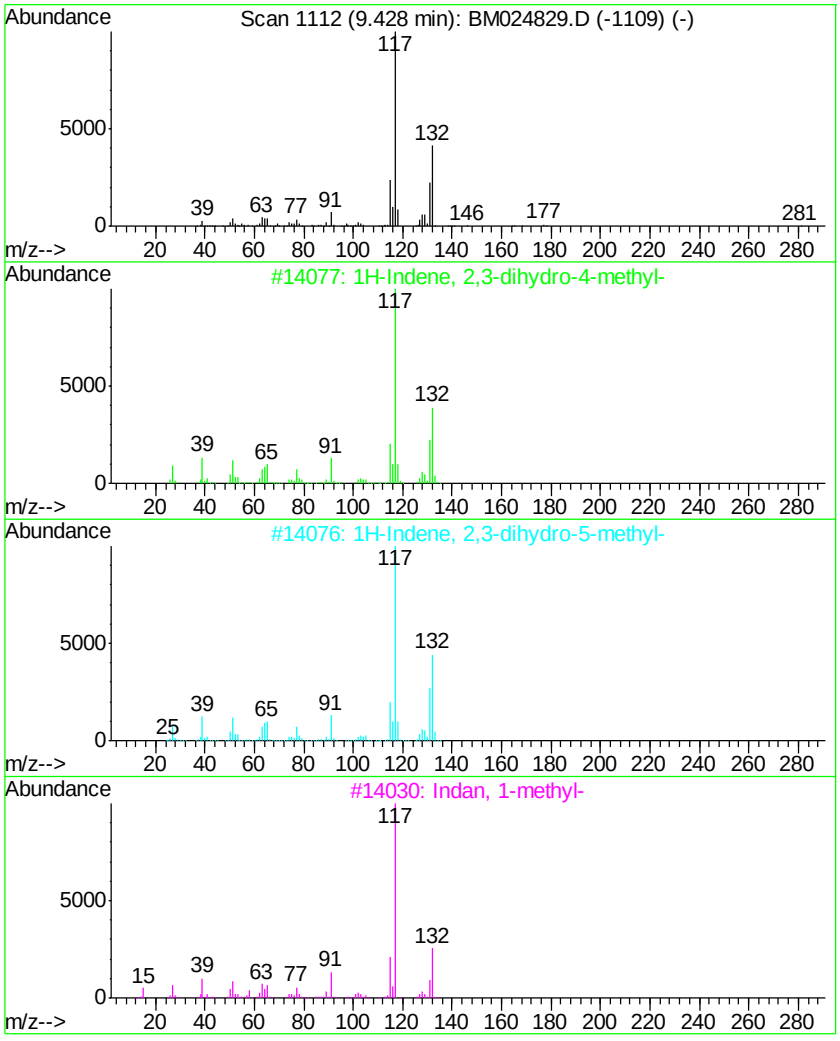
Quant Title : SVOA CALIBRATION

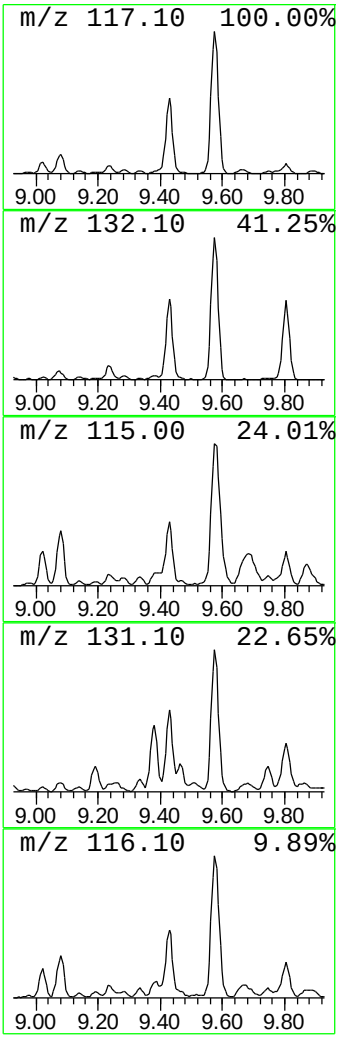
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	5.92 ng/ul	2202370	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	86





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Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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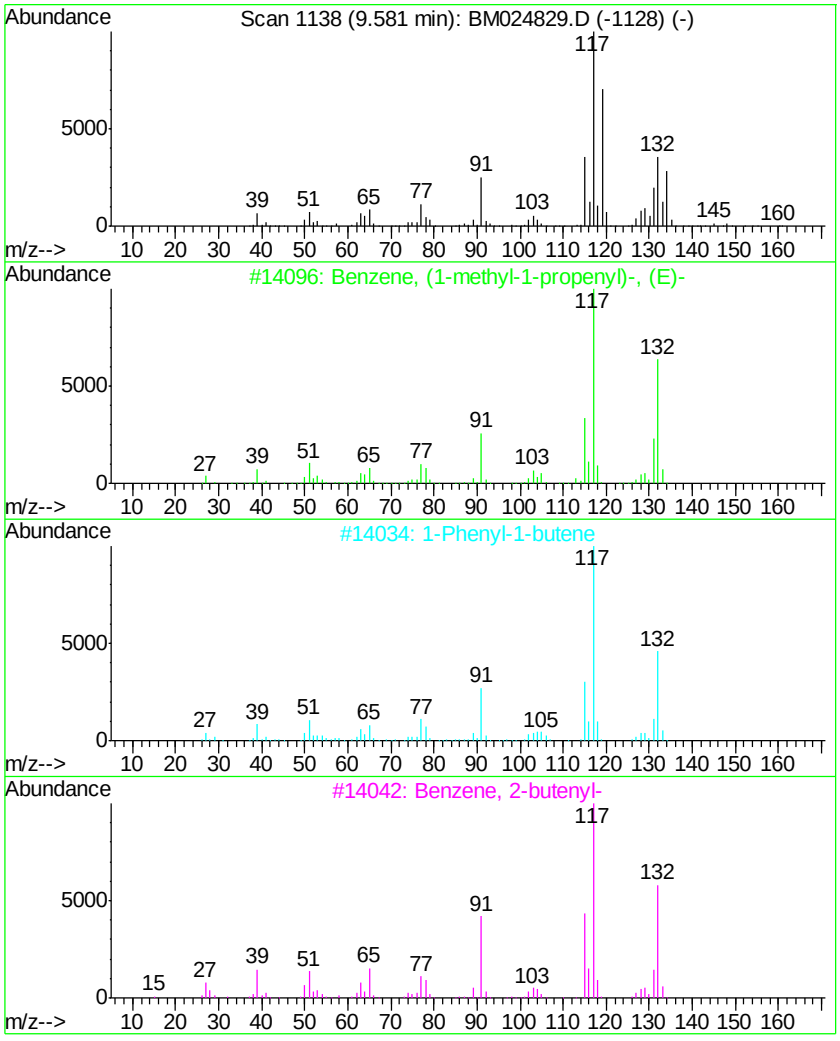
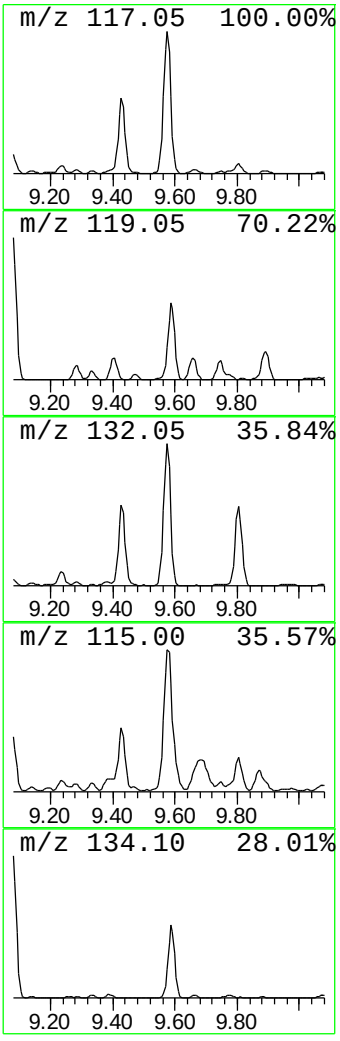
Peak Number 19 Benzene, (1-methyl-1-propen... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	23.93 ng/ul	8896370	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	62
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	60
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	58
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	58





Library Search Compound Report

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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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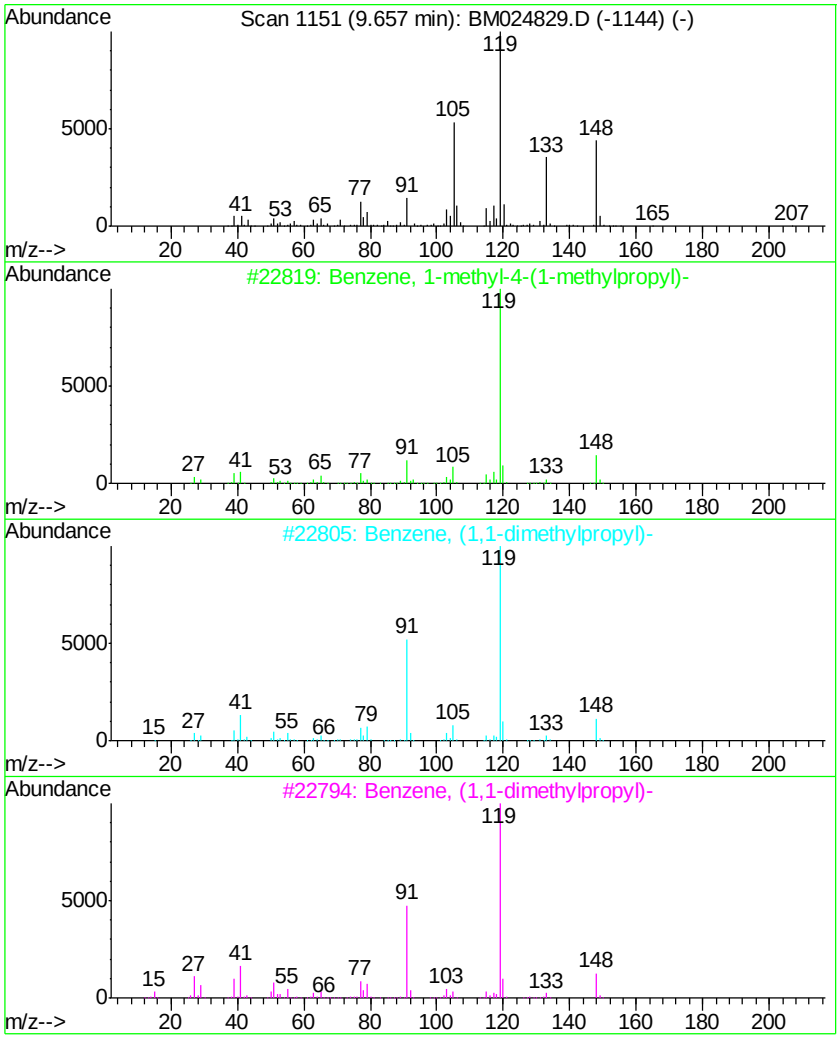
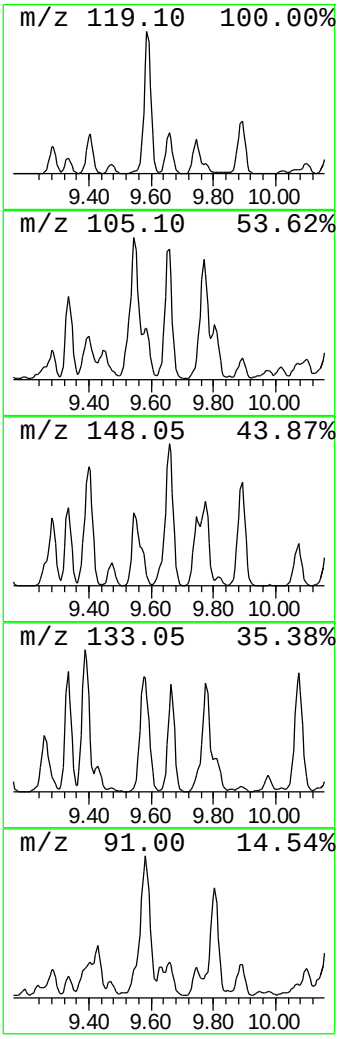
Peak Number 20 Benzene, 1-methyl-4-(1-meth... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	7.33 ng/ul	2726180	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	58
4	1(3H)-Isobenzofuranone, 5-methyl-	148	C9H8O2	054120-64-8	53
5	3,4-Dihydro-2-quinoxalinol	148	C8H8N2O	1000332-36-8	53





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Operator : CG/JU
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Misc :
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Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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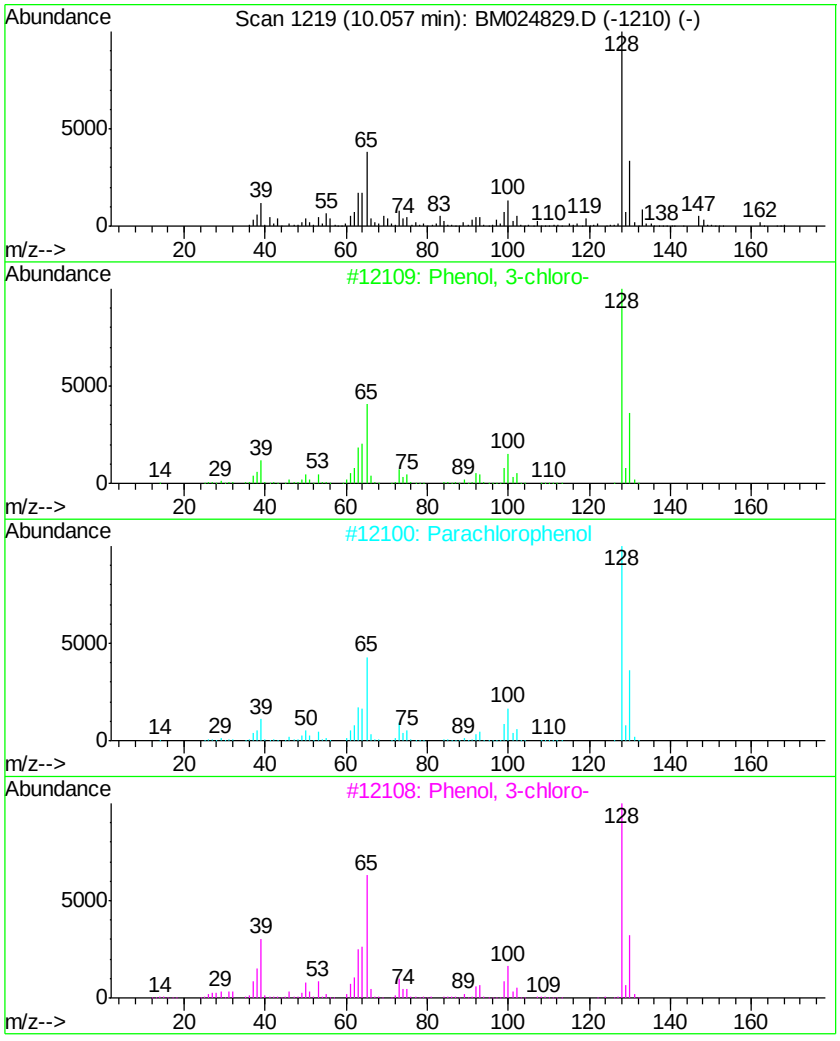
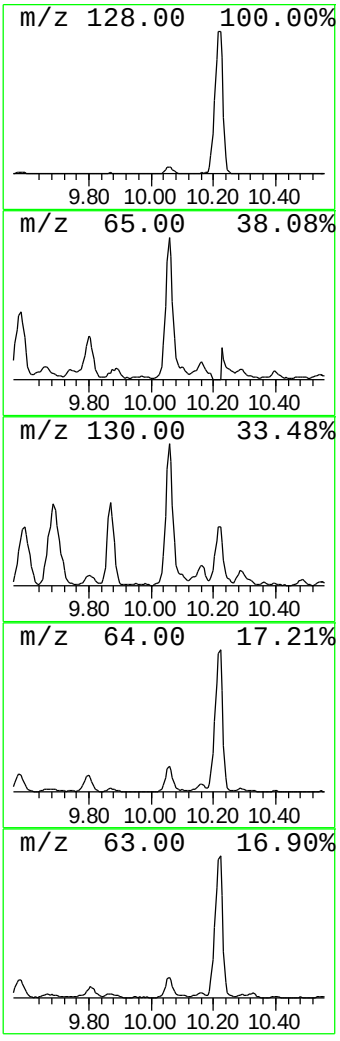
Peak Number 21 Phenol, 3-chloro- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	9.31 ng/ul	3460690	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	97
2	Parachlorophenol	128	C6H5ClO	000106-48-9	97
3	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	96
4	Parachlorophenol	128	C6H5ClO	000106-48-9	94
5	Parachlorophenol	128	C6H5ClO	000106-48-9	94





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Acq On : 11 Feb 2020 03:41
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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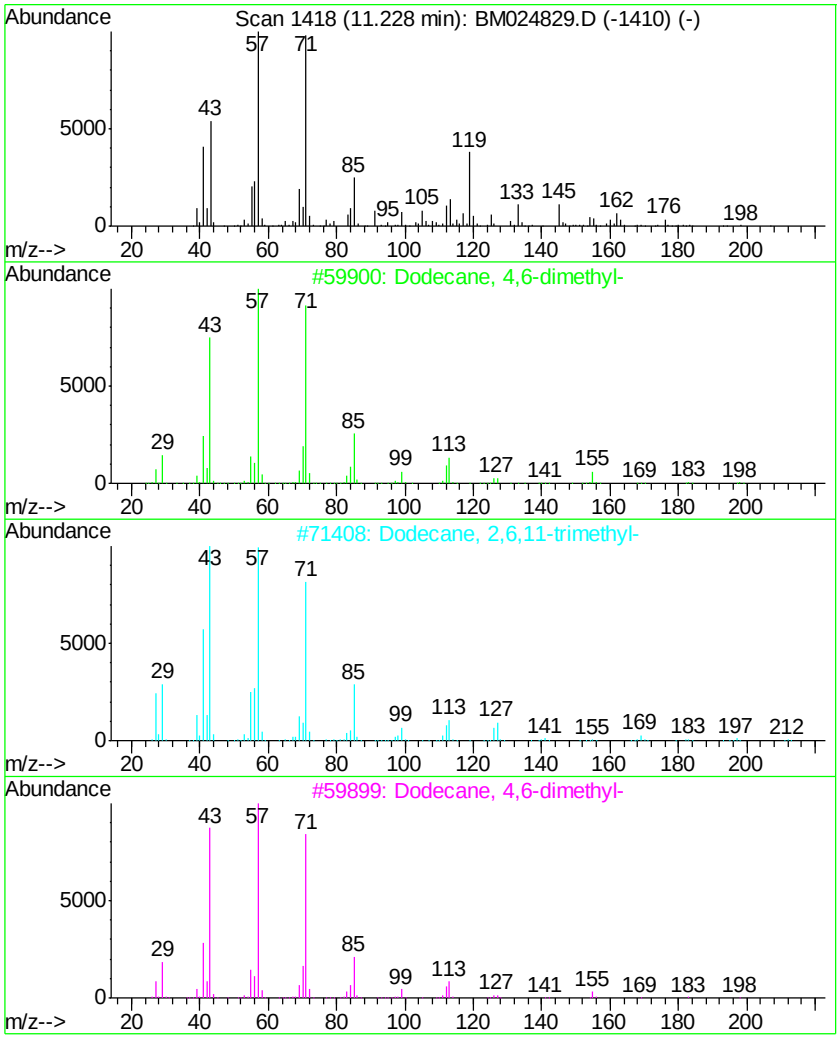
Quant Title : SVOA CALIBRATION

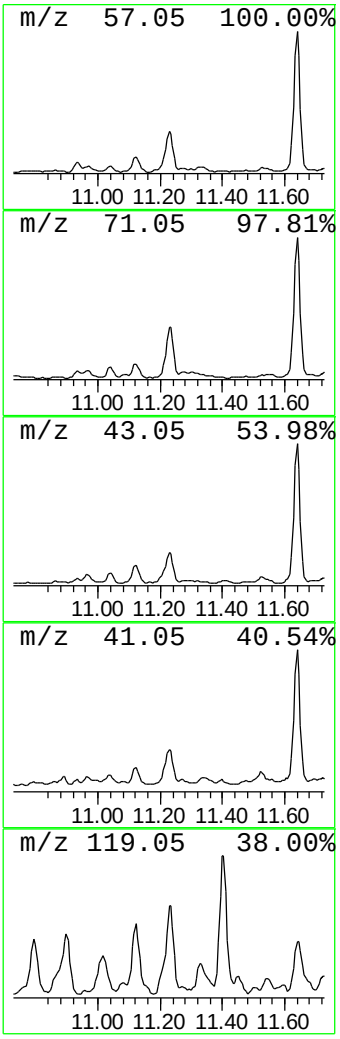
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	6.78 ng/ul	2519790	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47





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Acq On : 11 Feb 2020 03:41
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Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

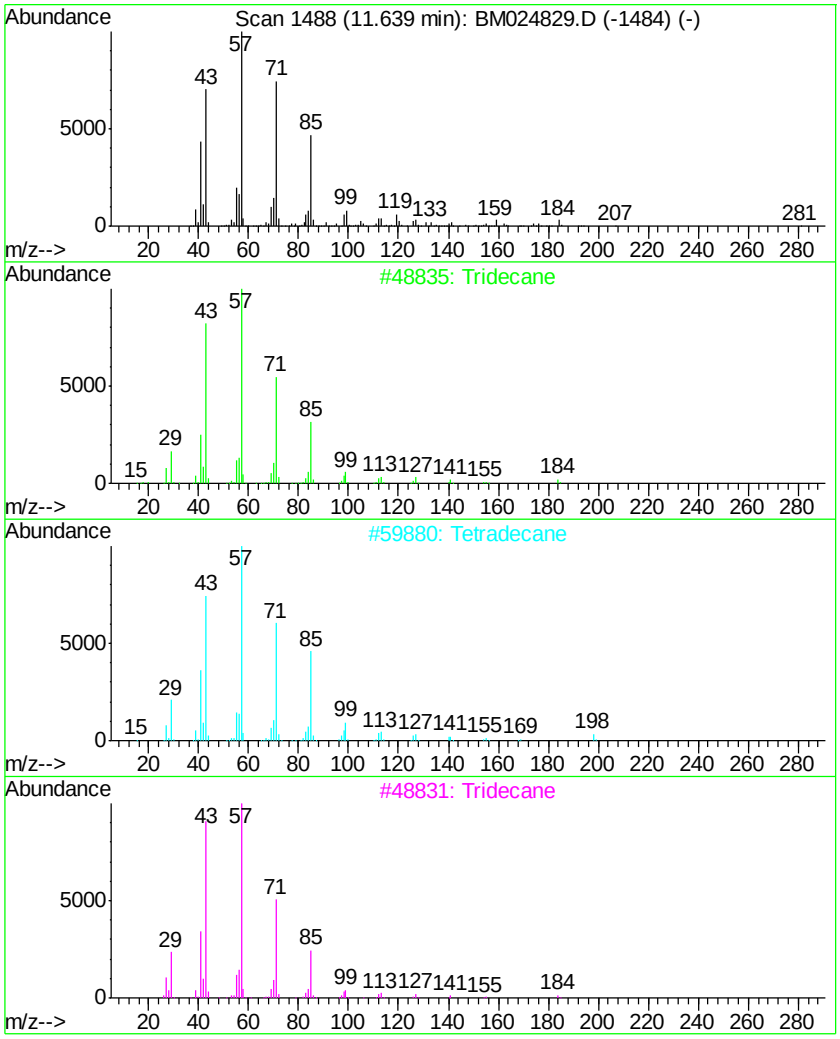
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

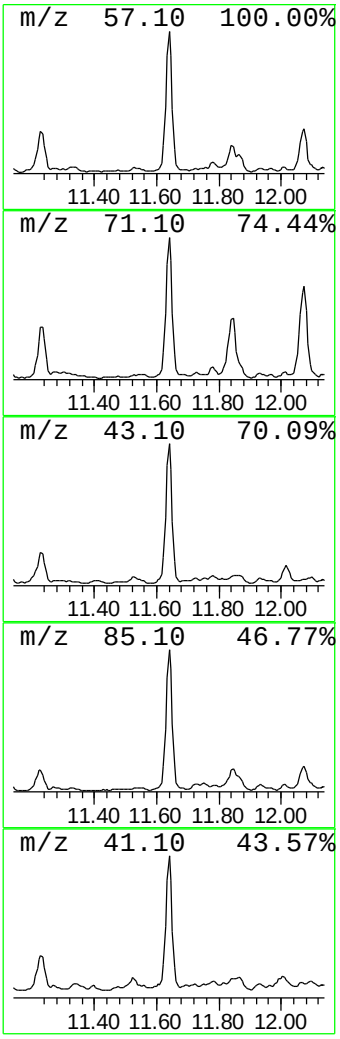
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	12.83 ng/ul	4768690	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Tridecane	184	C13H28	000629-50-5	83
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83





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Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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Peak Number 24 Benzaldehyde, 2,4,6-trimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	6.24 ng/ul	2318040	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	72
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	68
3	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	64
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	64
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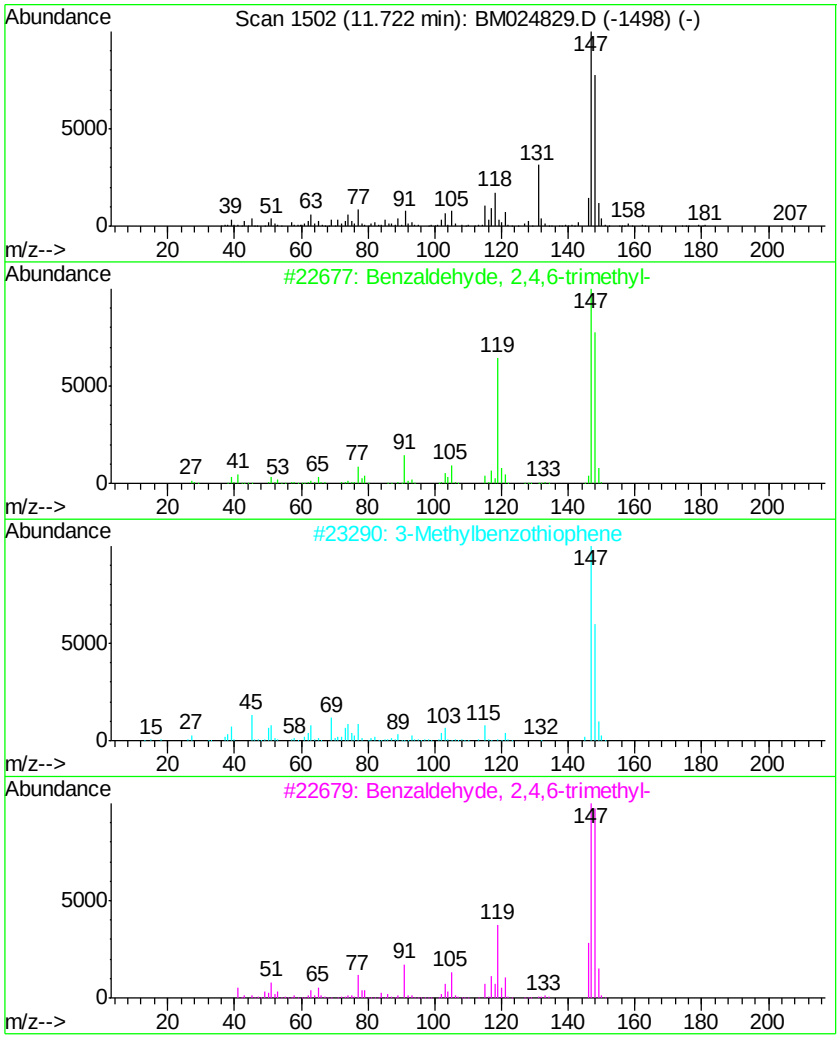

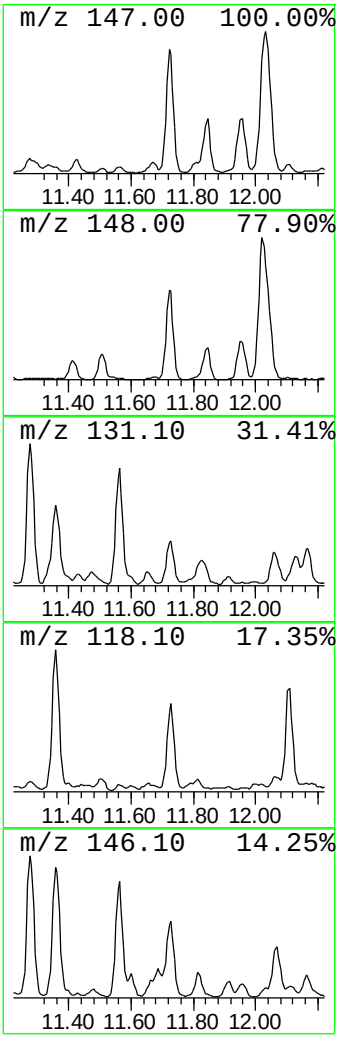

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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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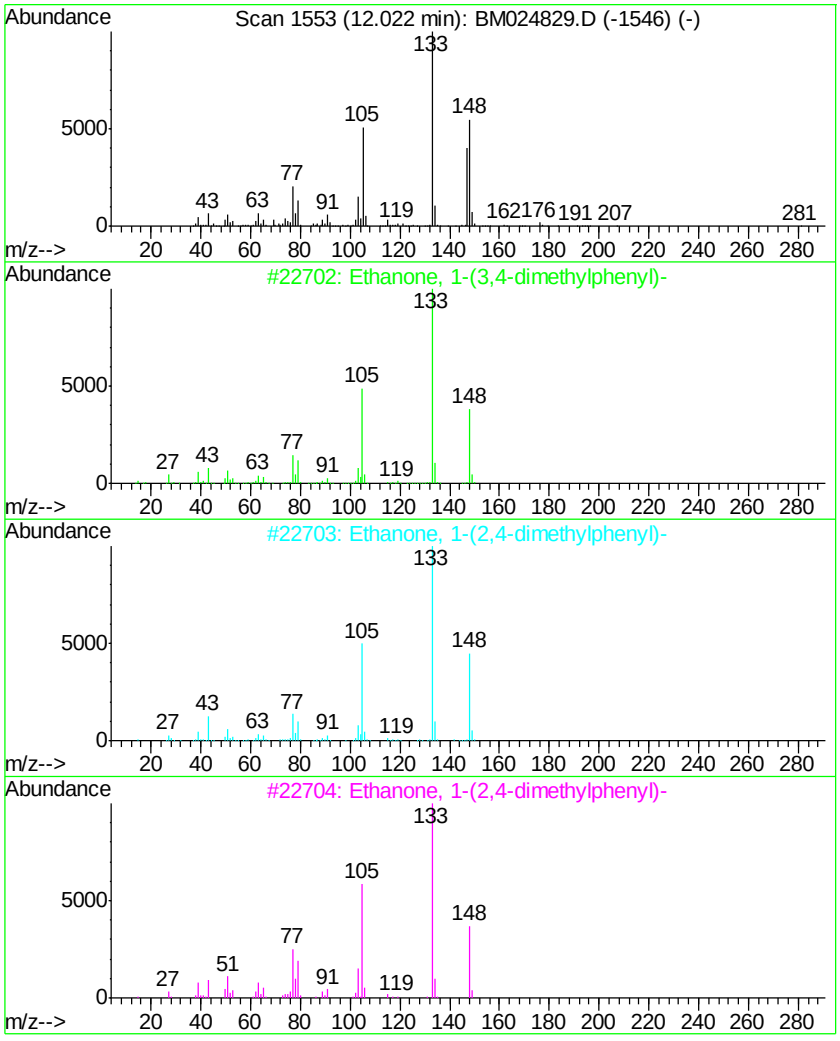
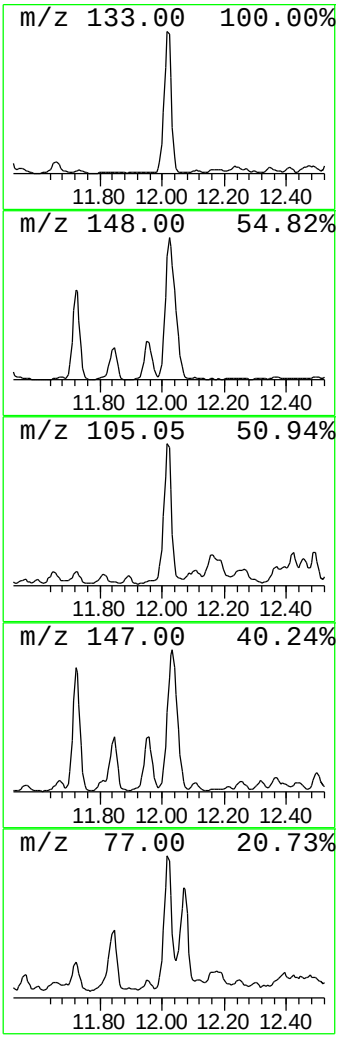
Peak Number 25 Ethanone, 1-(3,4-dimethylph... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	13.74 ng/ul	5106440	Naphthalene-d8	10.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3,4-dimethylphenyl)-	148	C10H12O	003637-01-2	94
2	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	93
3	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	90
4	3-Isopropylbenzaldehyde	148	C10H12O	034246-57-6	87
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	81





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Operator : CG/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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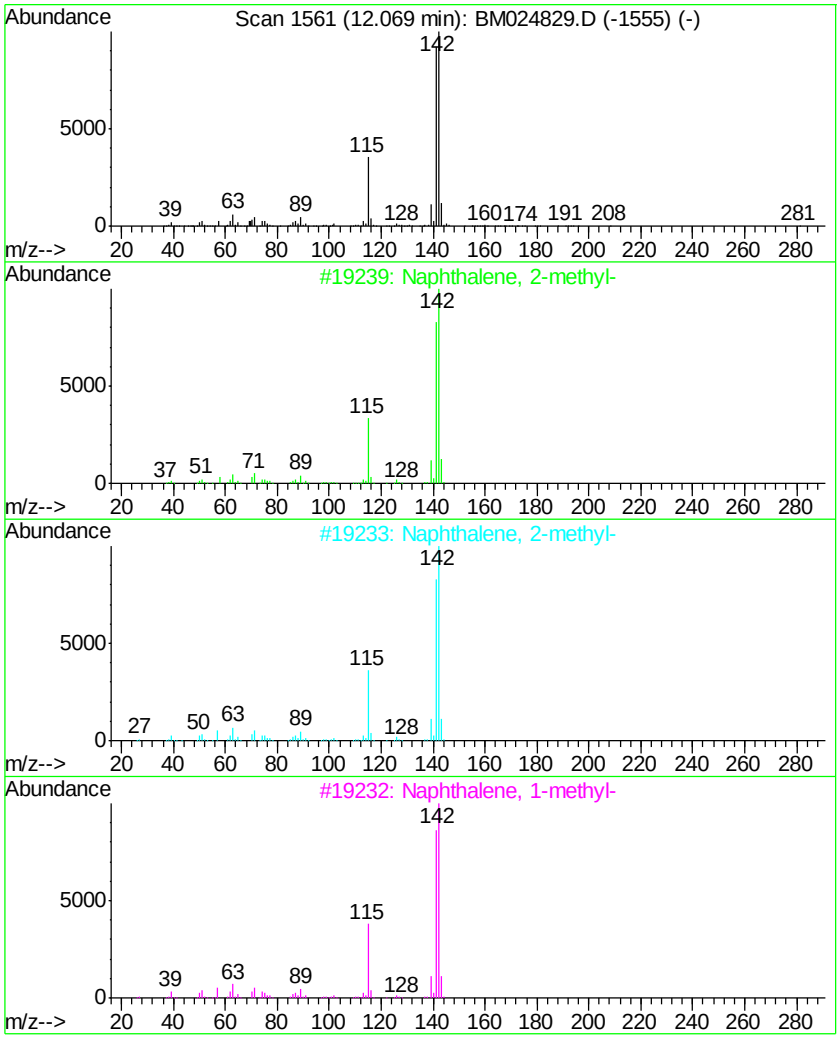
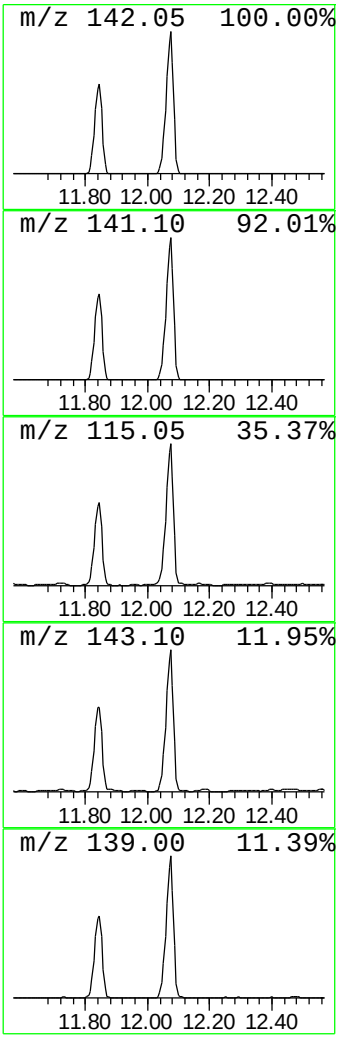
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	100.00 ng/ul	37171900	Naphthalene-d8	10.16

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, 1-methyl-	142	C11H10	000090-12-0	91





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Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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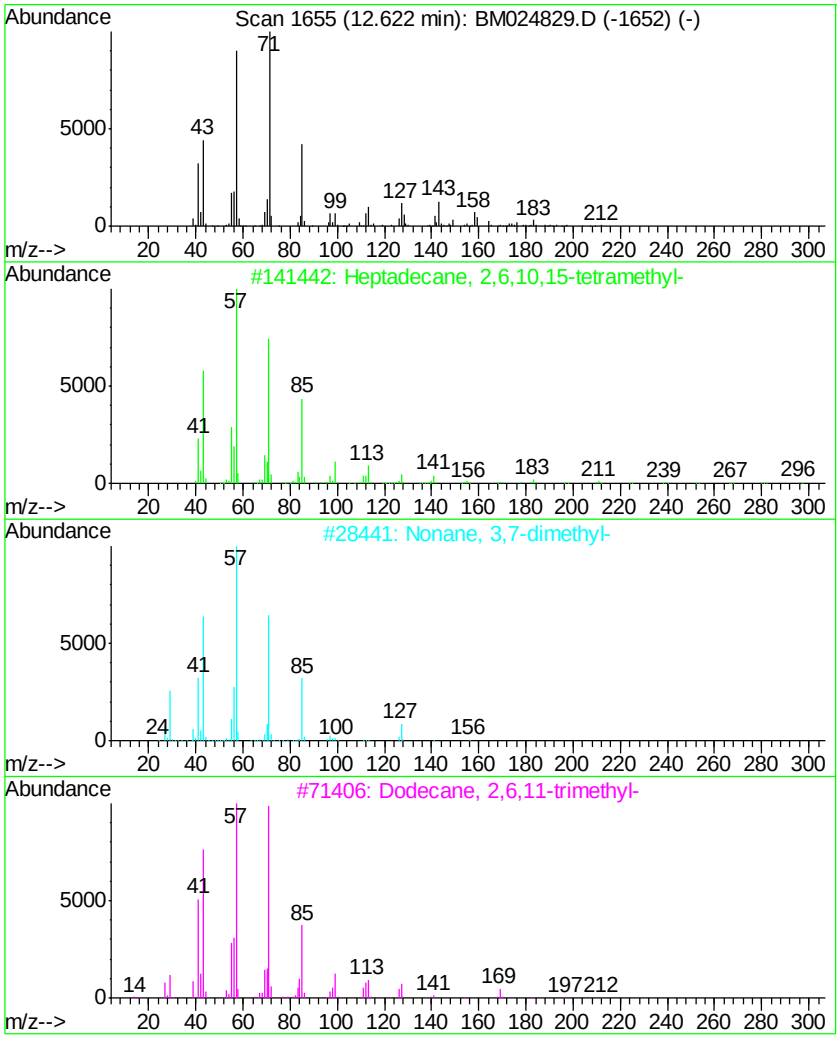
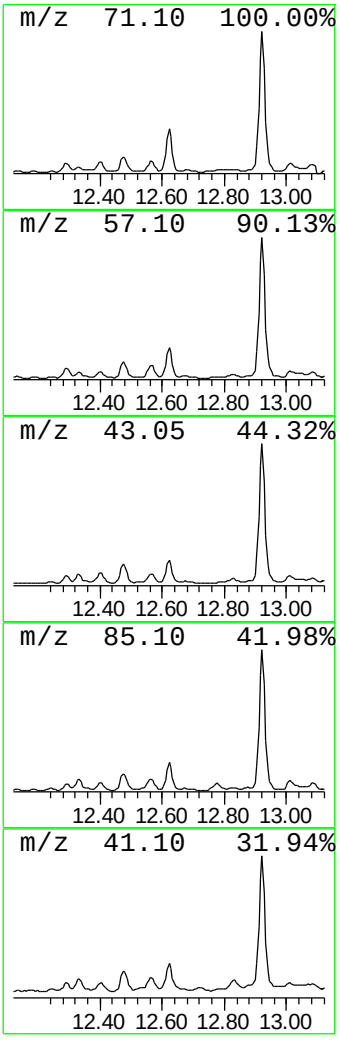
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	6.75 ng/ul	2771450	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Decane, 5-propyl-	184	C13H28	017312-62-8	64
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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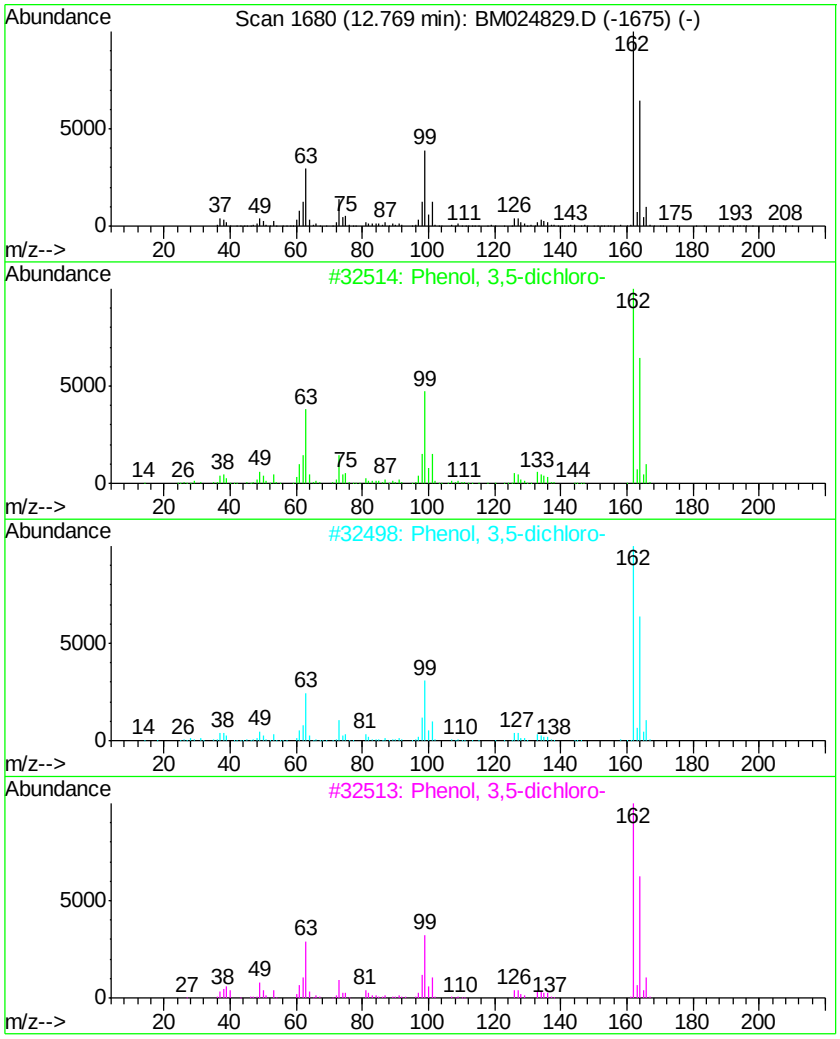
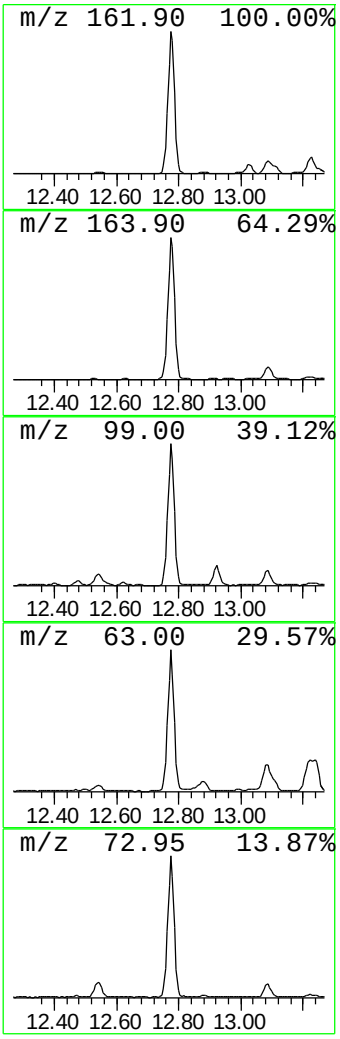
Peak Number 28 Phenol, 3,5-dichloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	33.91 ng/ul	13931800	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	94





Library Search Compound Report

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Sample : L1424-22
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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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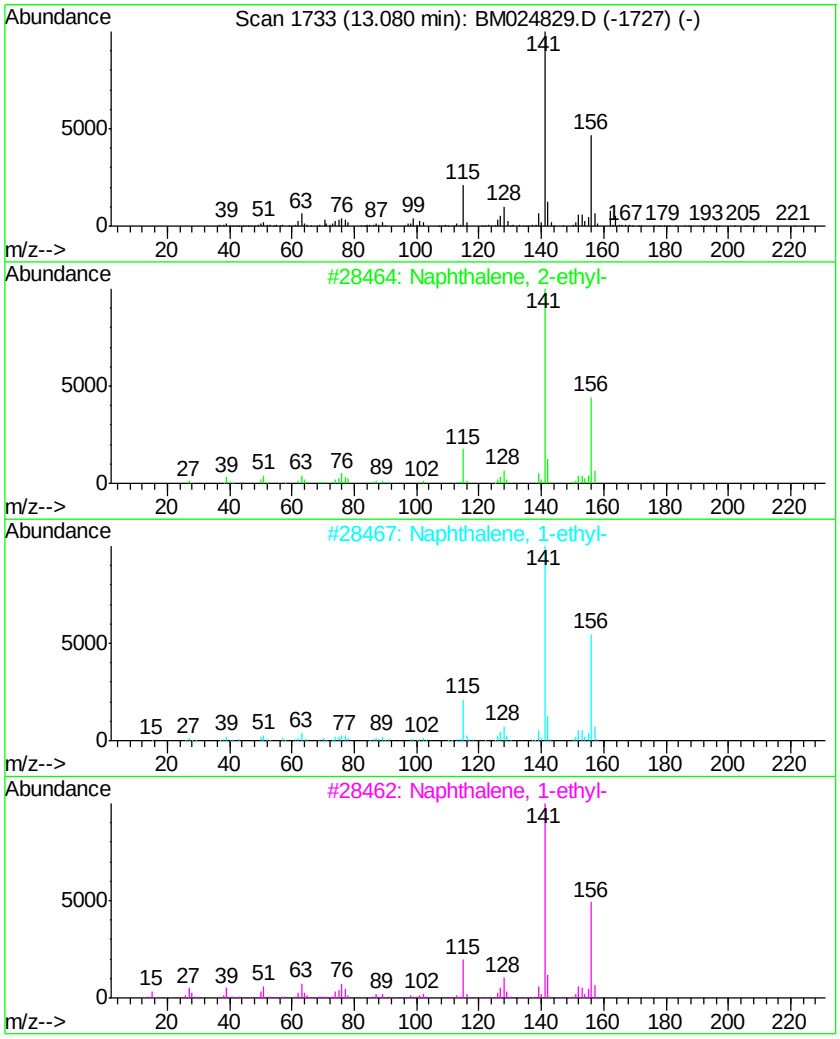
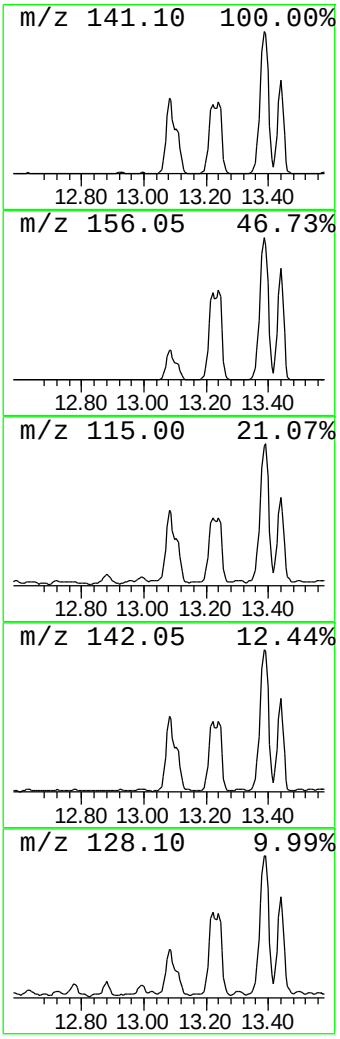
Peak Number 29 Naphthalene, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	36.82 ng/ul	15127600	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94





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Acq On : 11 Feb 2020 03:41
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Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

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Quant Title : SVOA CALIBRATION

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

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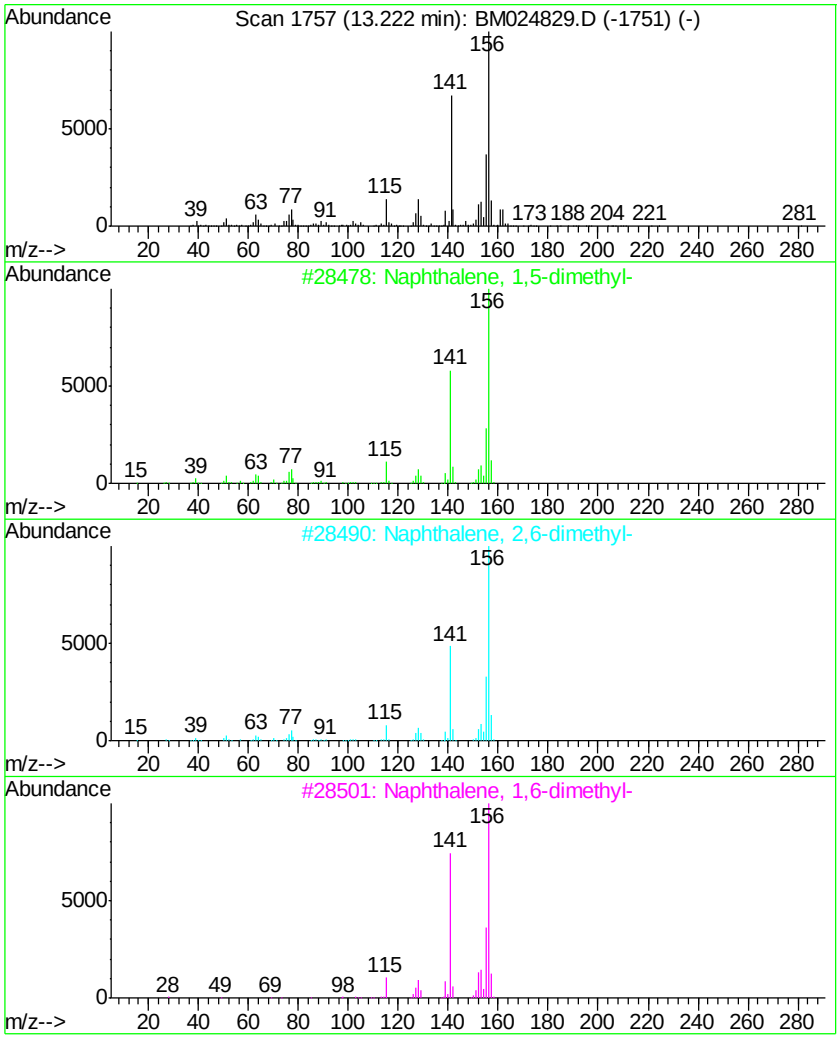
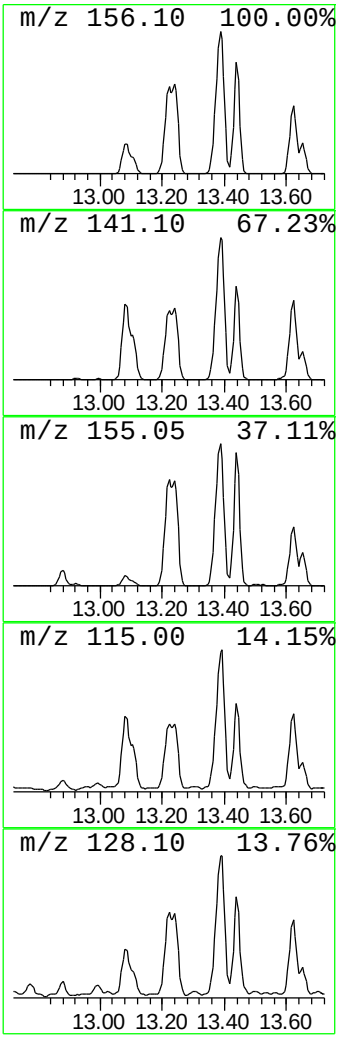
Peak Number 30 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	45.03 ng/ul	18498700	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

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Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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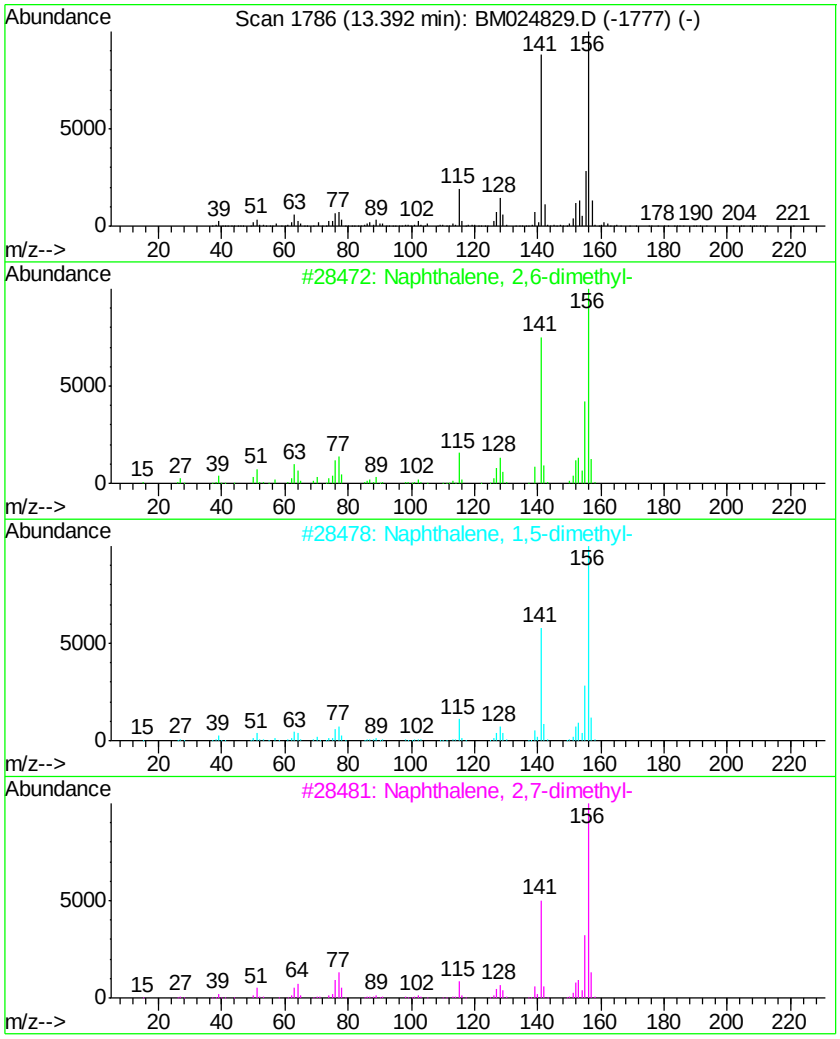
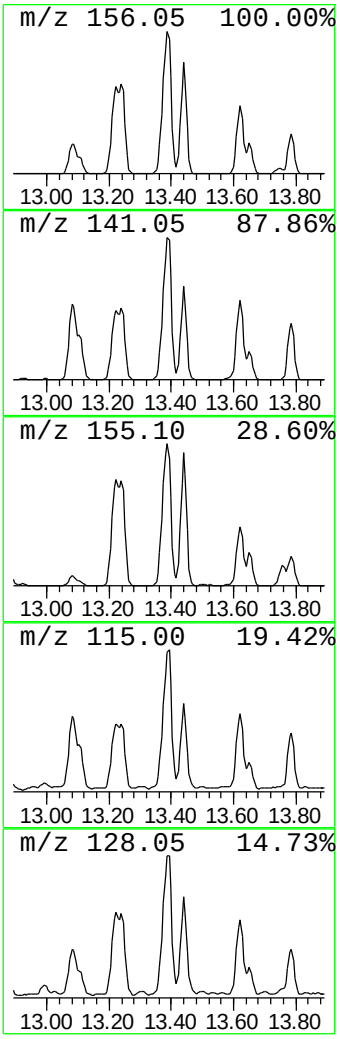
Peak Number 31 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	82.72 ng/ul	33980500	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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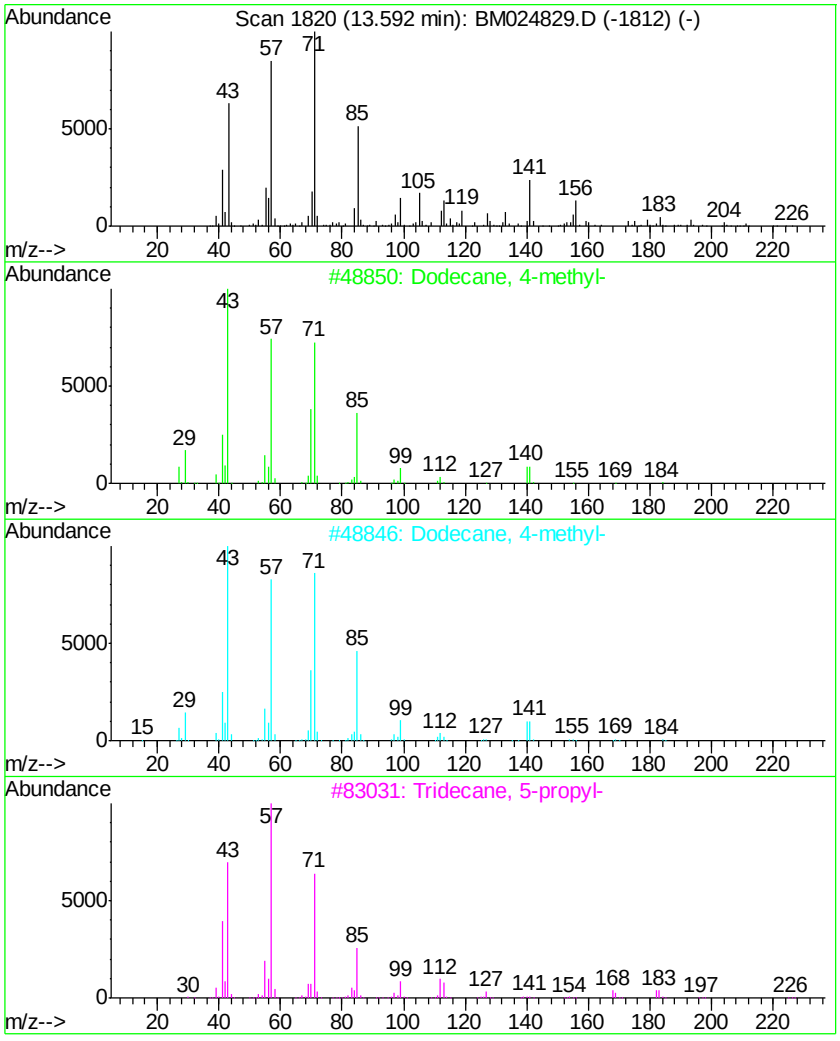
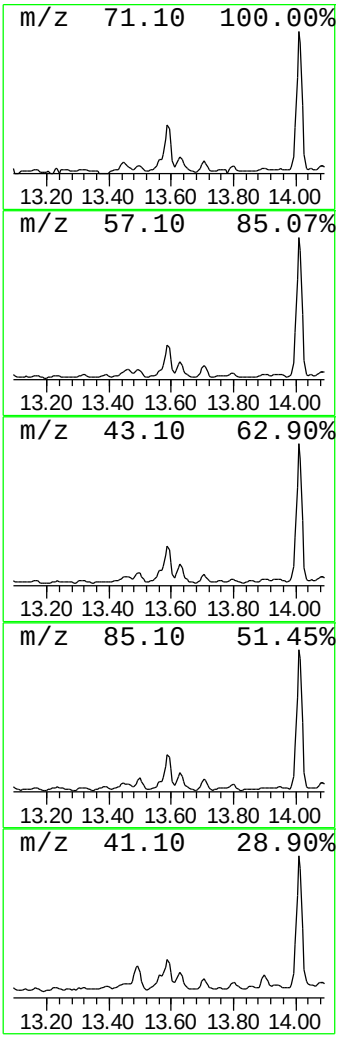
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	10.38 ng/ul	4264870	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
4	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	64
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59





Library Search Compound Report

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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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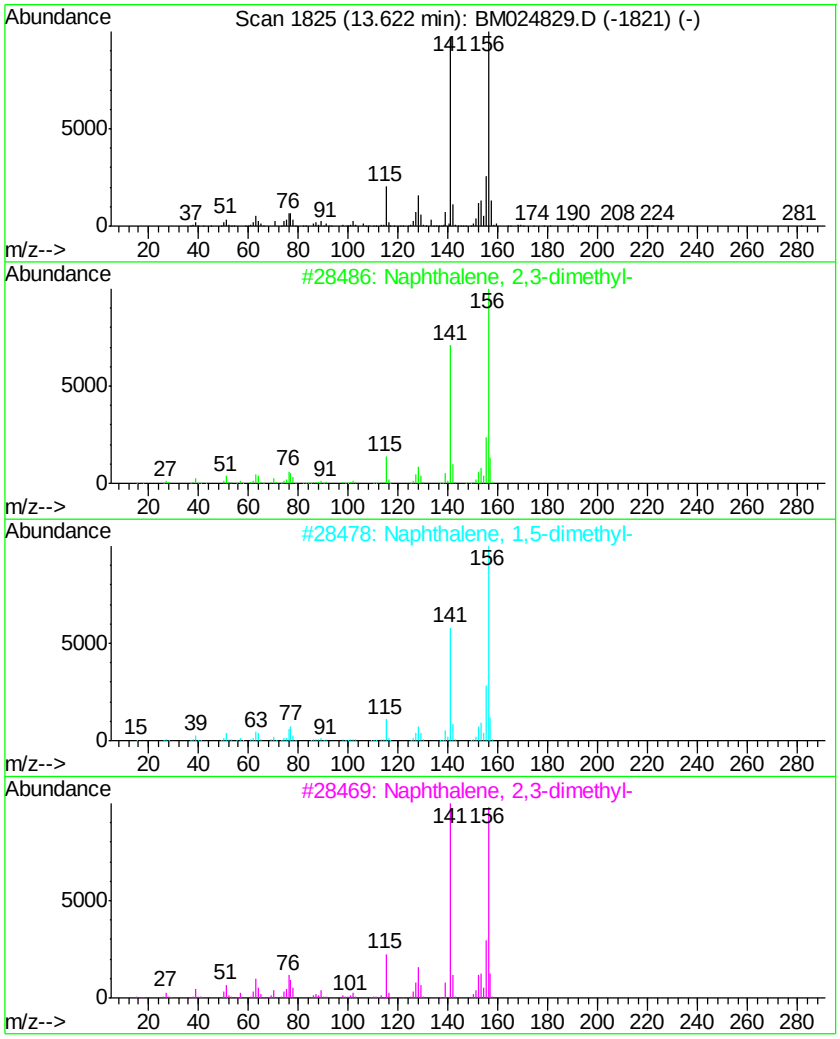
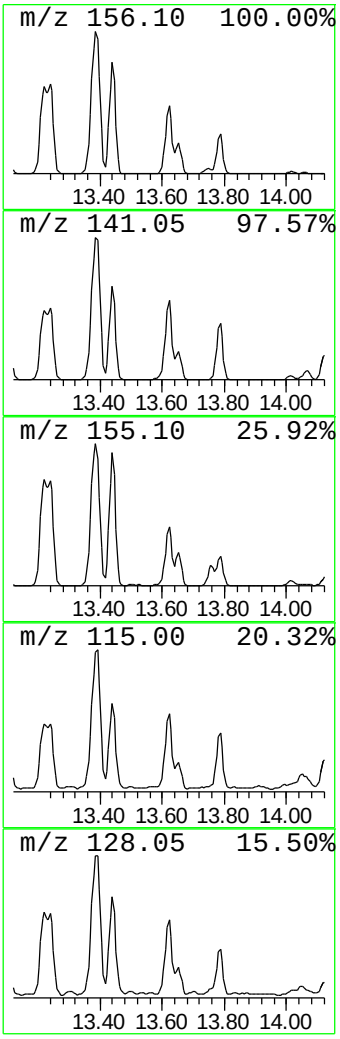
Peak Number 33 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	35.11 ng/ul	14422800	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

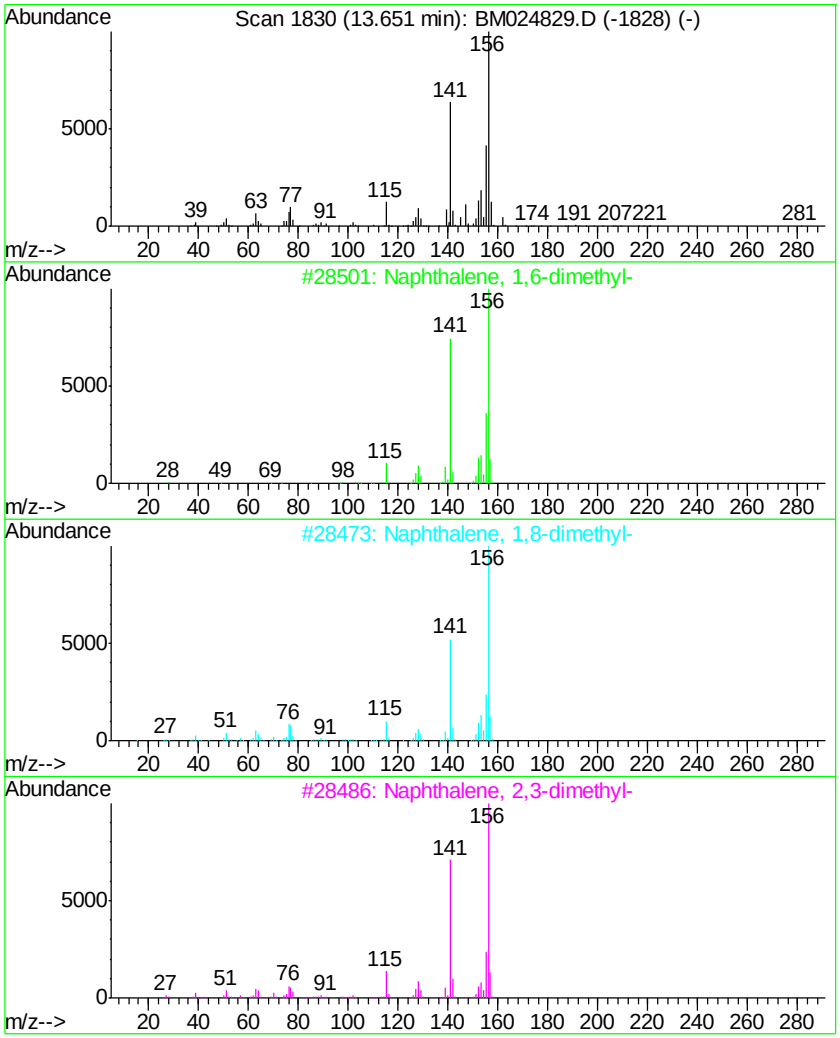
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

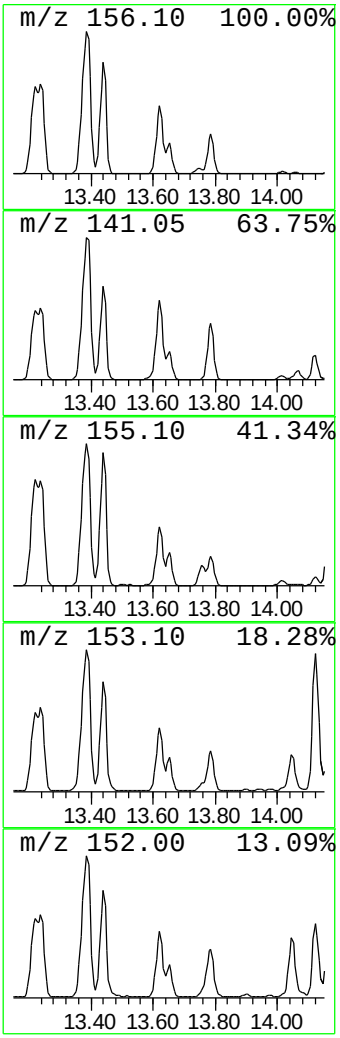
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 1,6-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	10.73 ng/ul	4407500	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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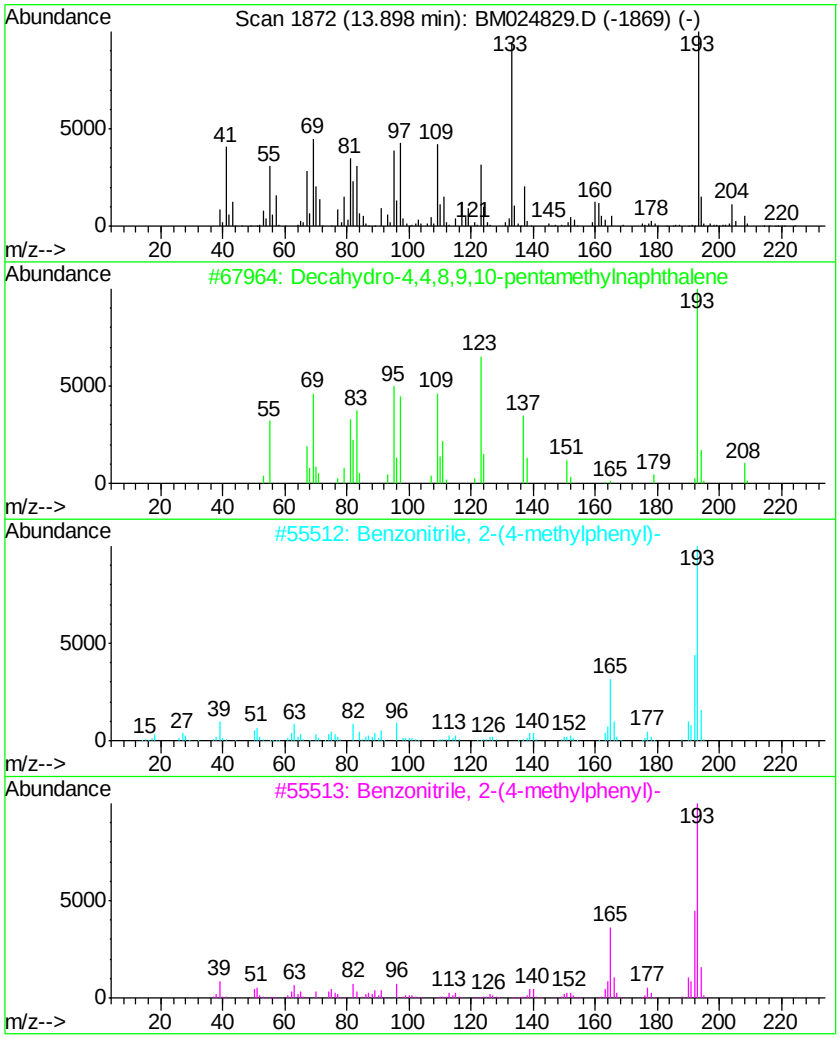
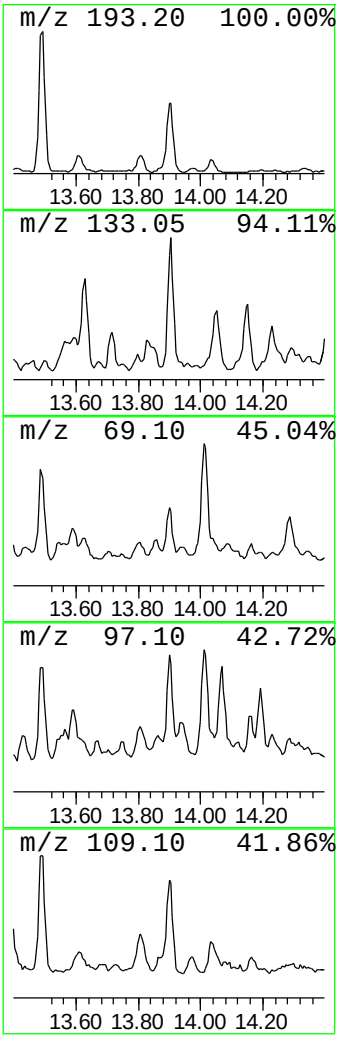
Peak Number 35 unknown-01 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	6.39 ng/ul	2624180	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	Benzonitrile, 2-(4-methylphenyl)-	193	C14H11N	114772-53-1	11
3	Benzonitrile, 2-(4-methylphenyl)-	193	C14H11N	114772-53-1	11
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	11
5	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	10





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Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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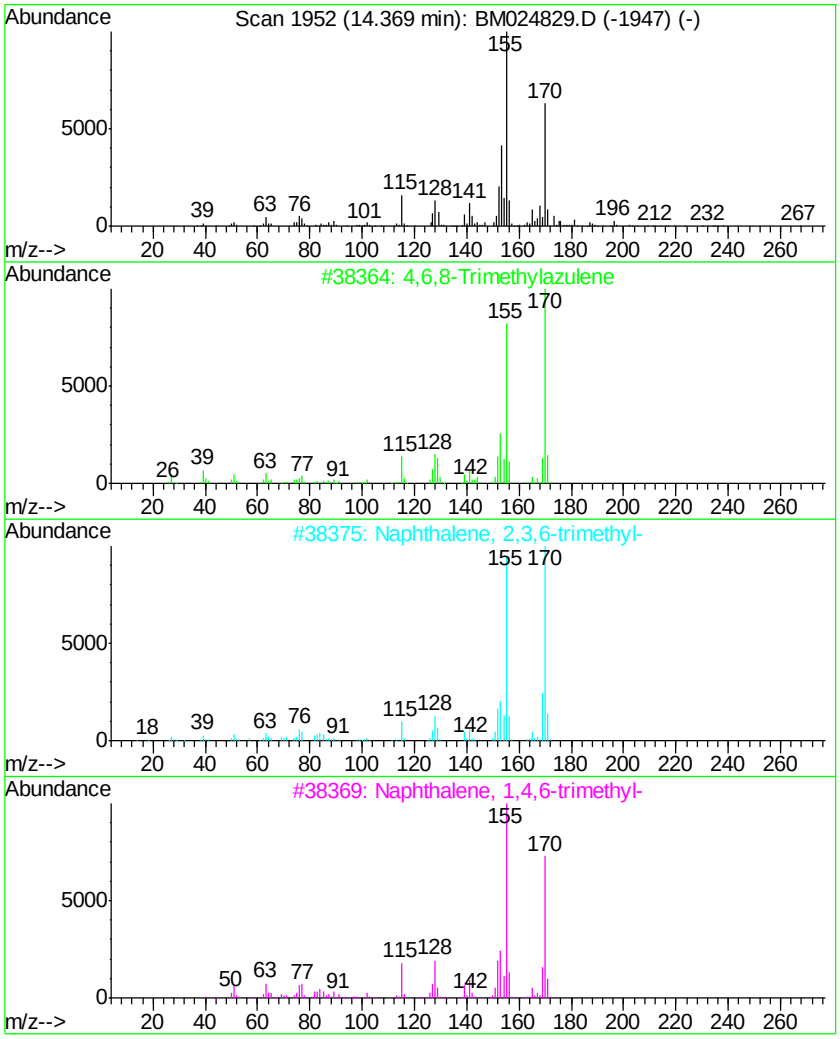
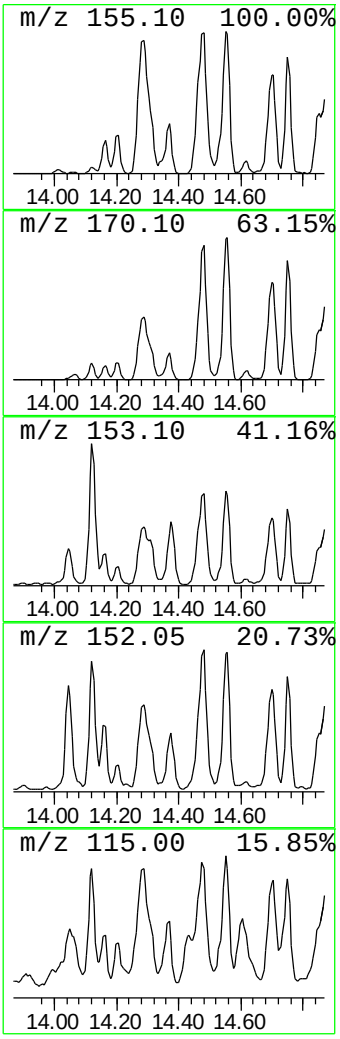
Peak Number 36 4,6,8-Trimethylazulene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	9.13 ng/ul	3751040	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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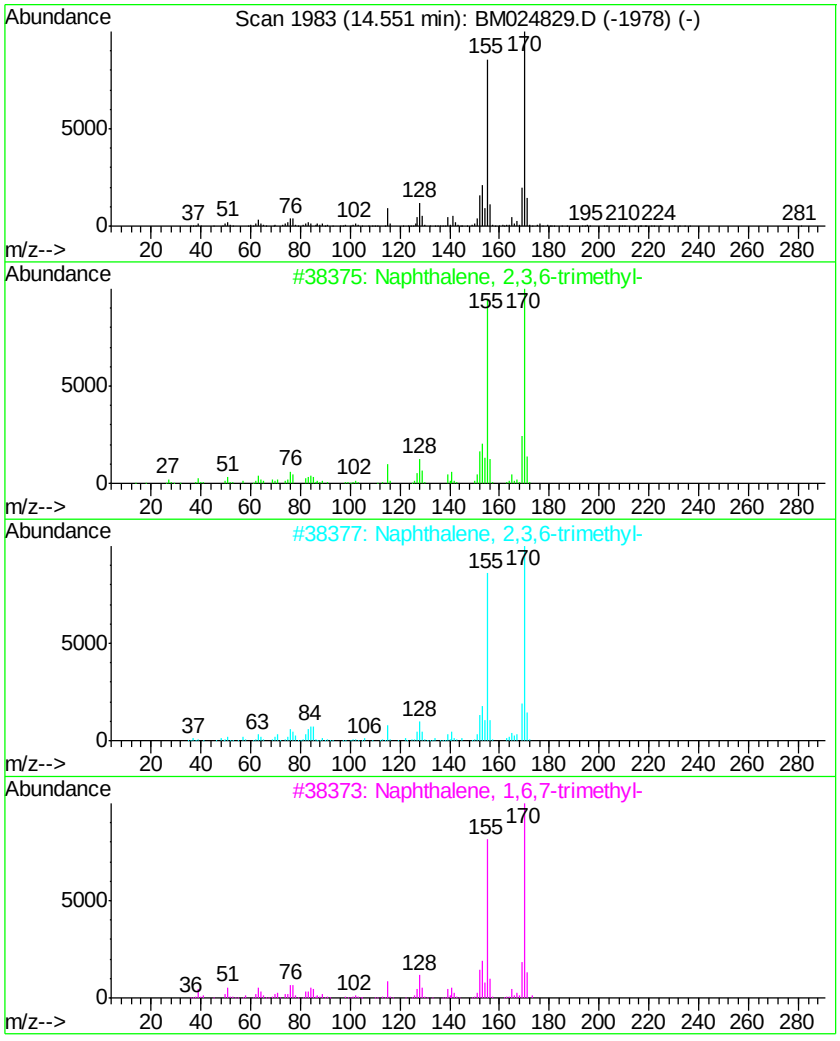
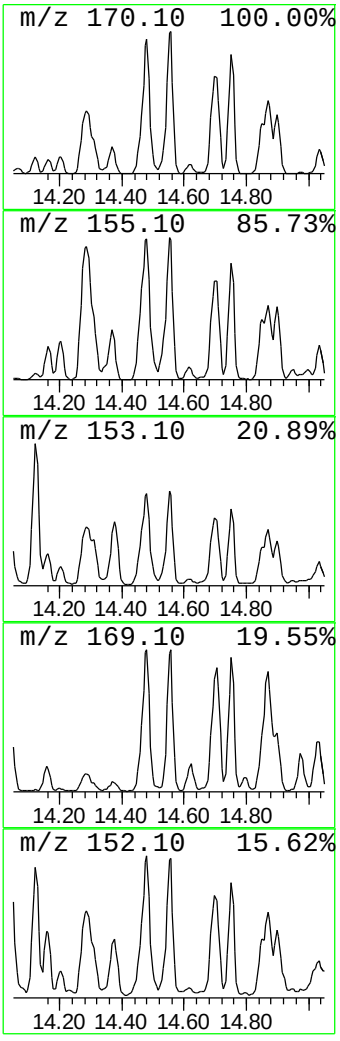
Peak Number 37 Naphthalene, 2,3,6-trimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	22.72 ng/ul	9331990	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96





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Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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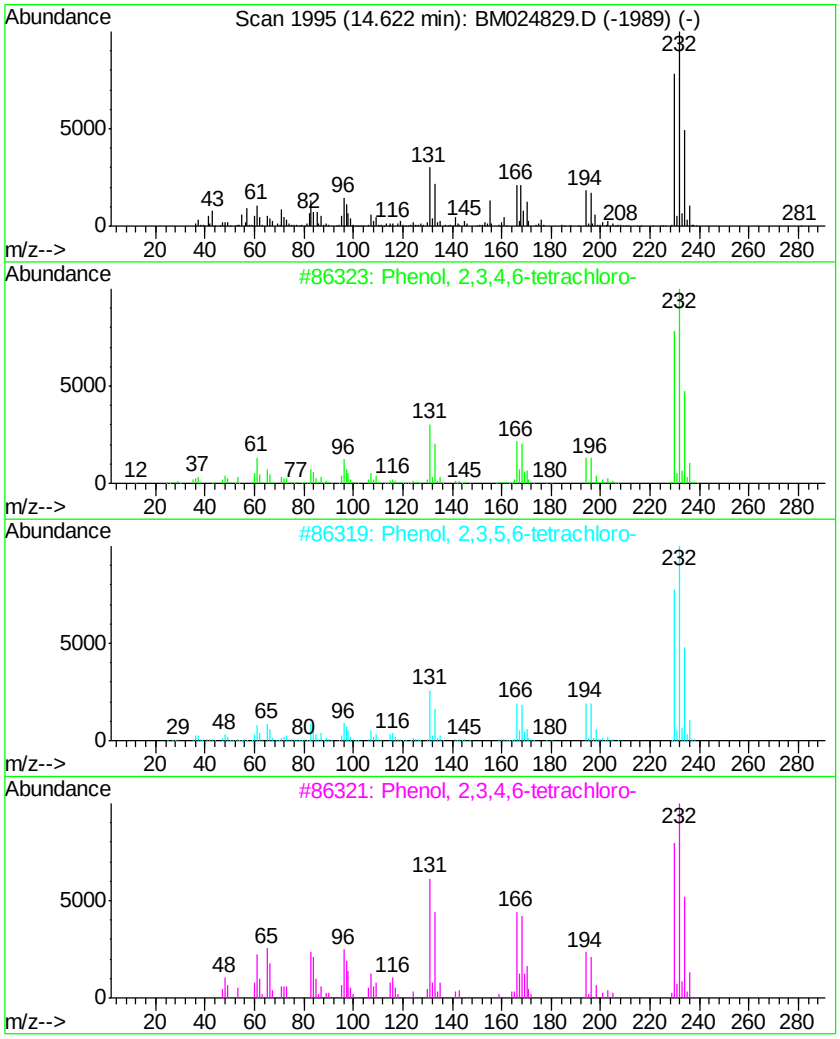
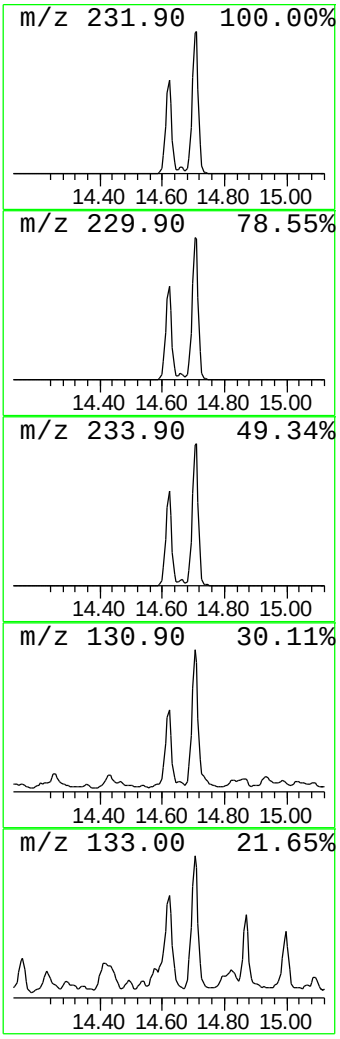
Peak Number 38 Phenol, 2,3,4,6-tetrachloro- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	27.79 ng/ul	11414500	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	97
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	96
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	96
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	95
5	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	94





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Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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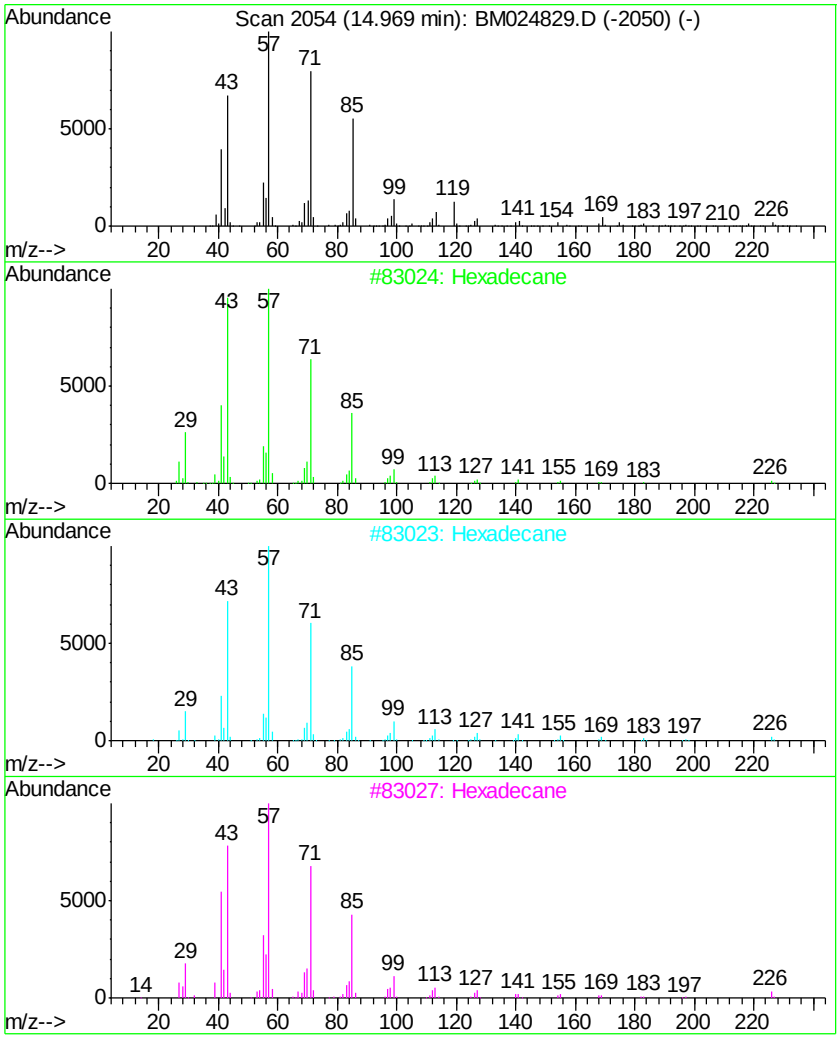
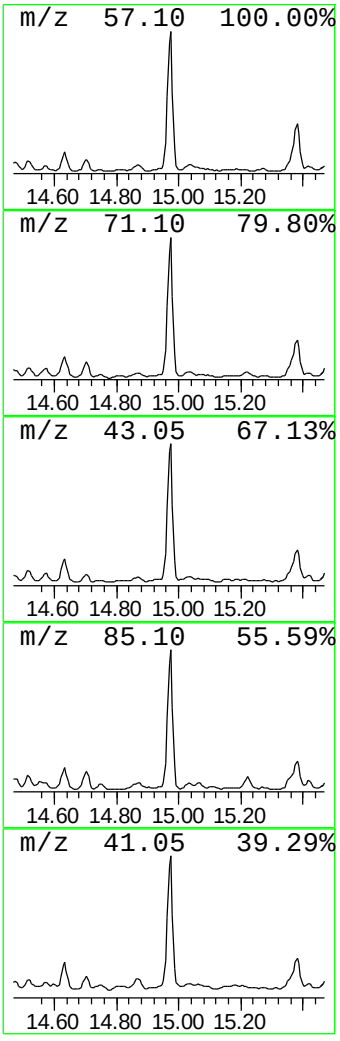
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	23.09 ng/ul	9485860	Acenaphthene-d10	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
5	Tridecane	184	C13H28	000629-50-5	83





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Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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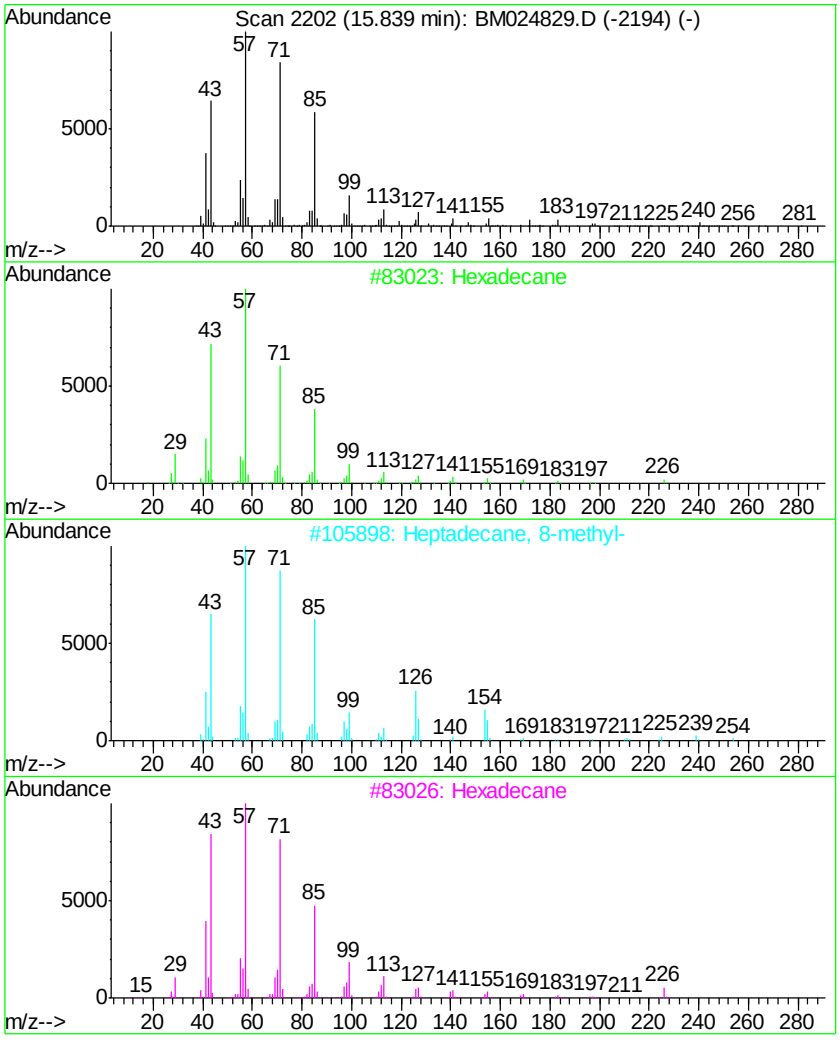
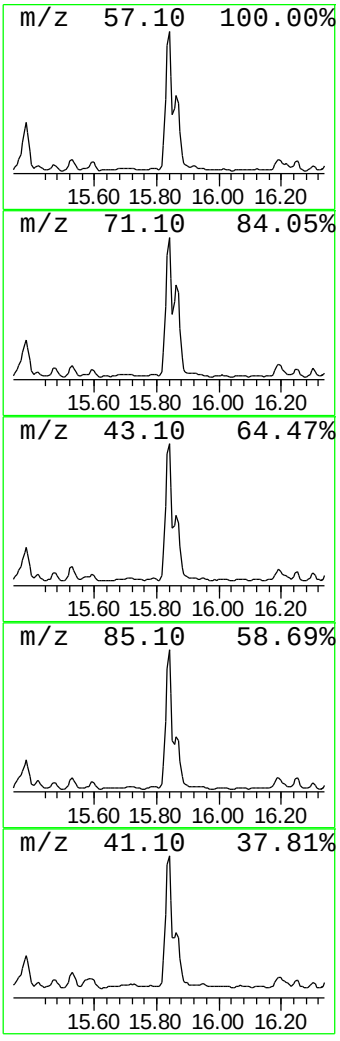
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	91.64 ng/ul	14693500	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
3	Hexadecane	226	C16H34	000544-76-3	93
4	Tetradecane	198	C14H30	000629-59-4	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





Library Search Compound Report

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Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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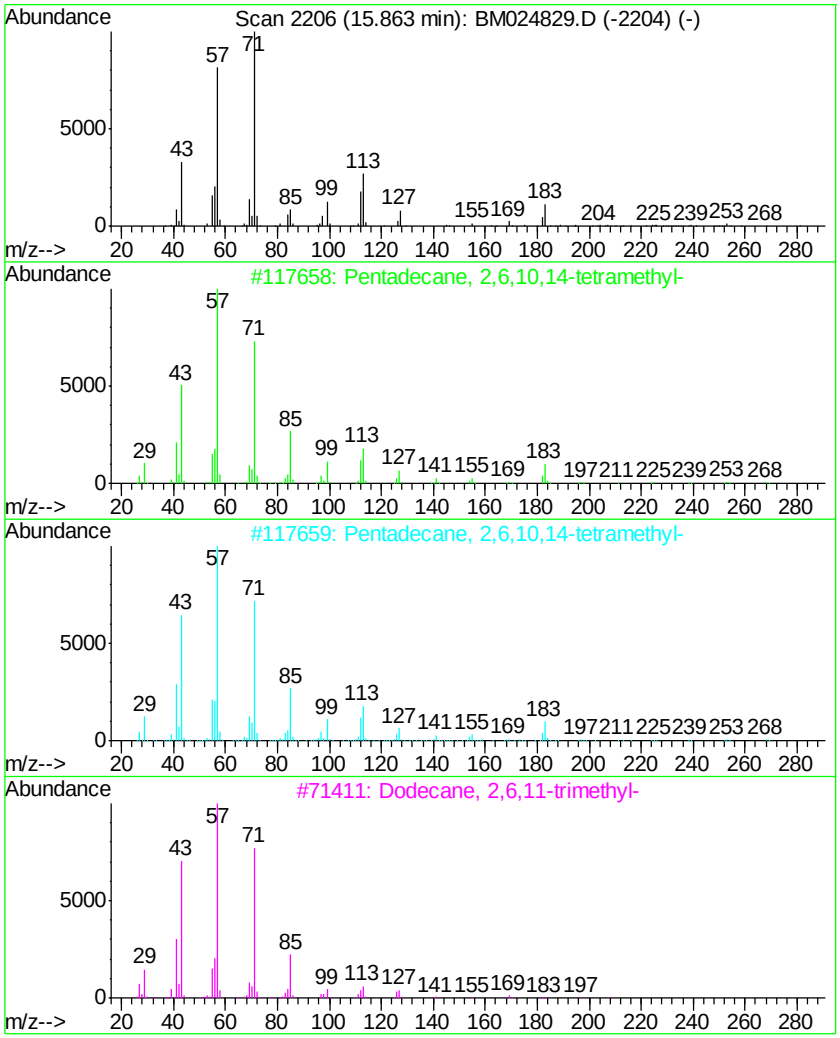
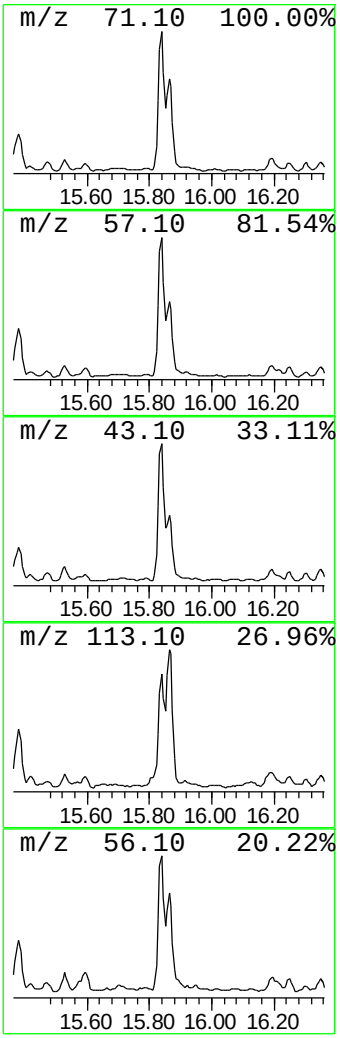
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	33.73 ng/ul	5407780	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	59
5	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	53





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Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

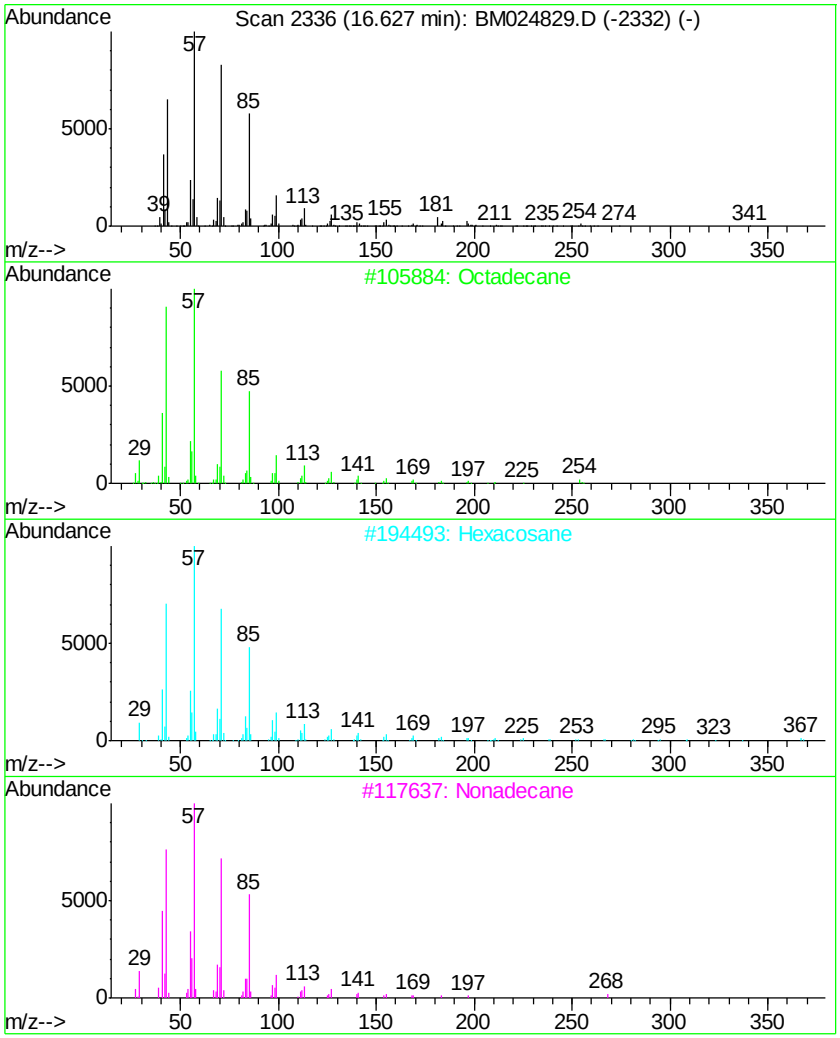
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

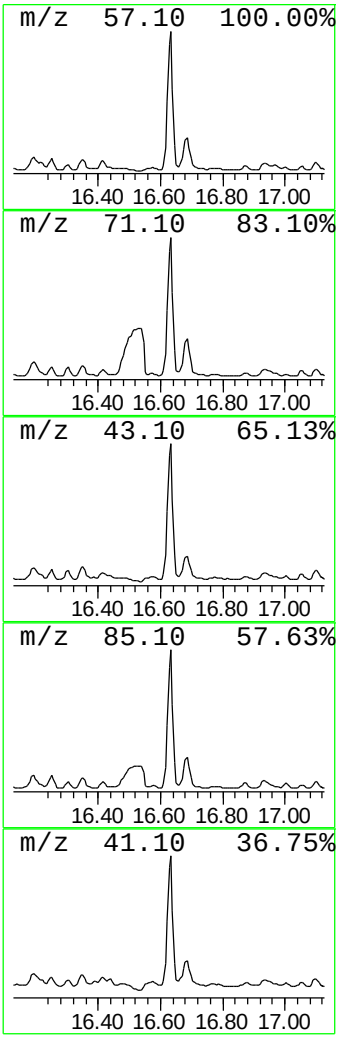
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	58.44 ng/ul	9370340	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Hexacosane	366	C26H54	000630-01-3	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

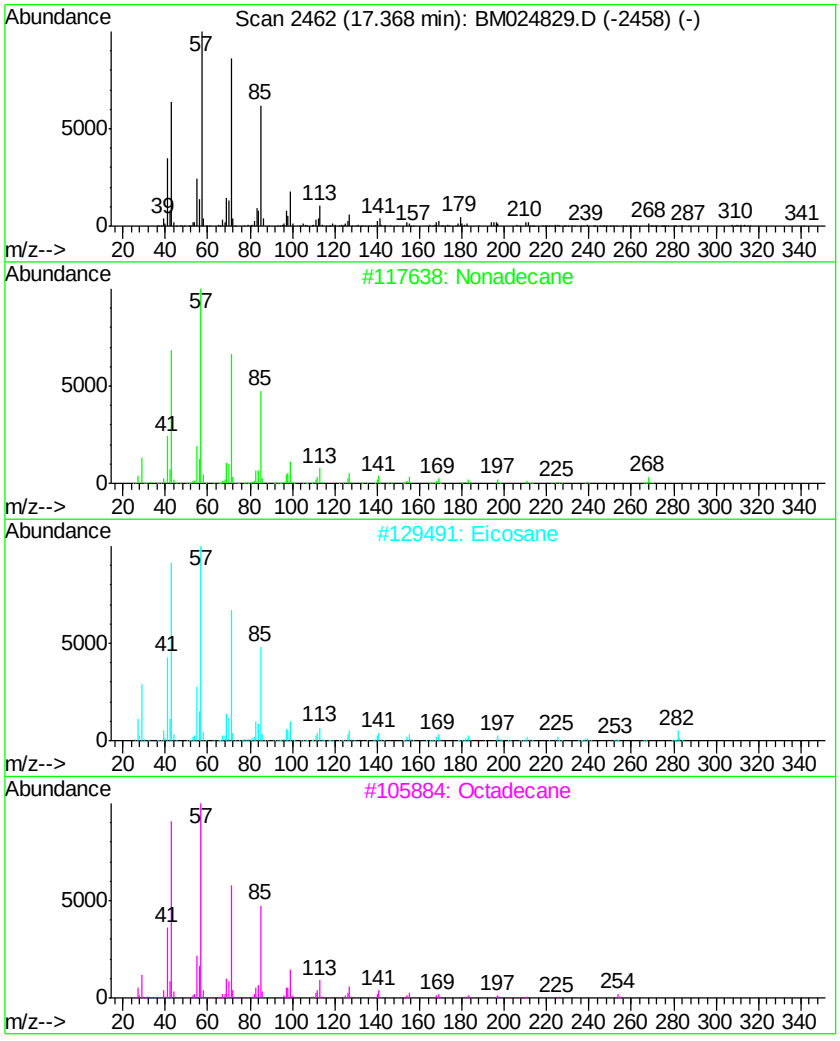
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

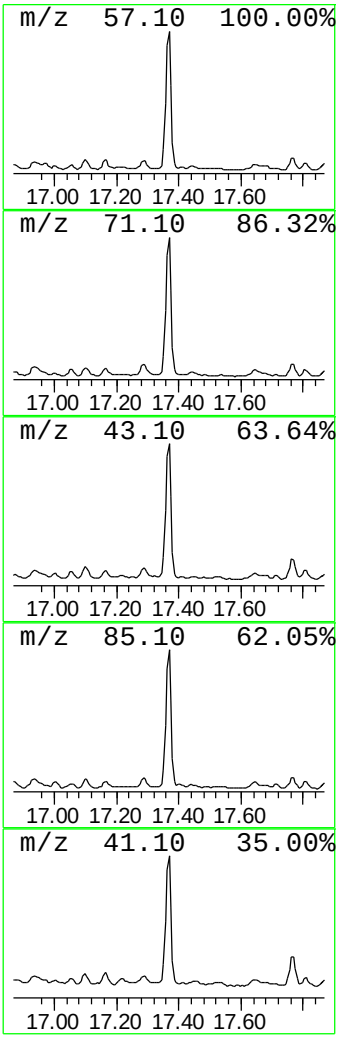
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	43.81 ng/ul	7024510	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Octadecane	254	C18H38	000593-45-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

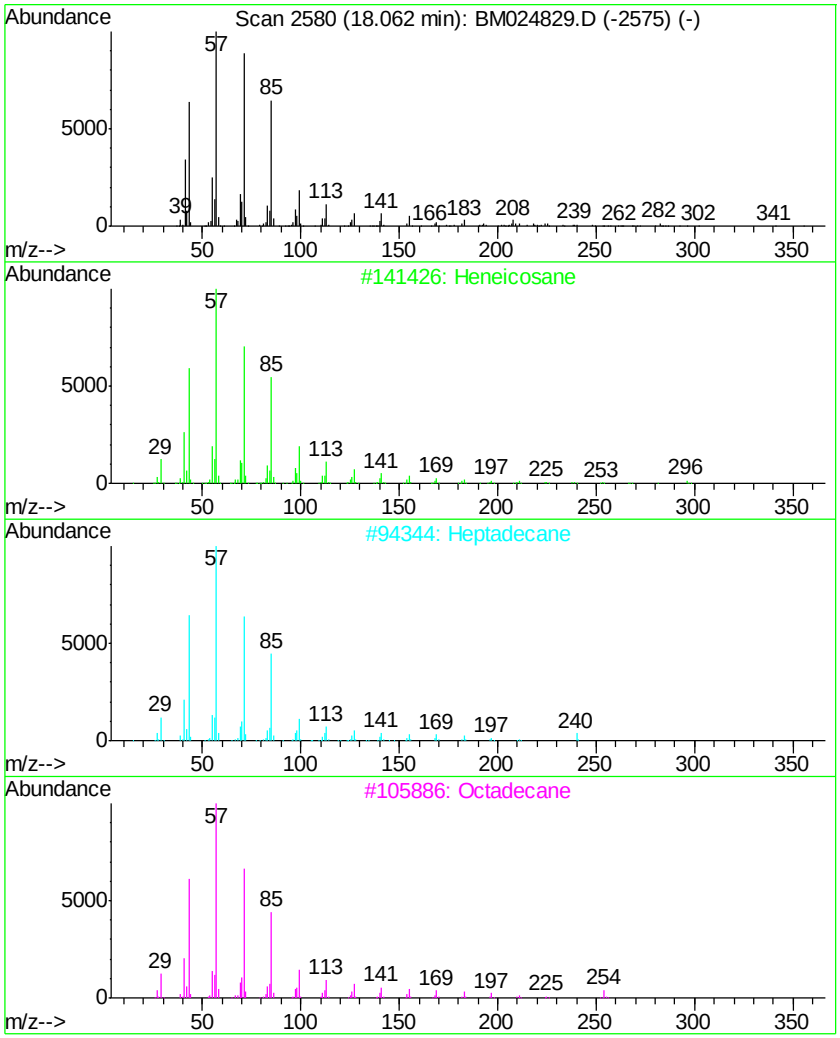
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

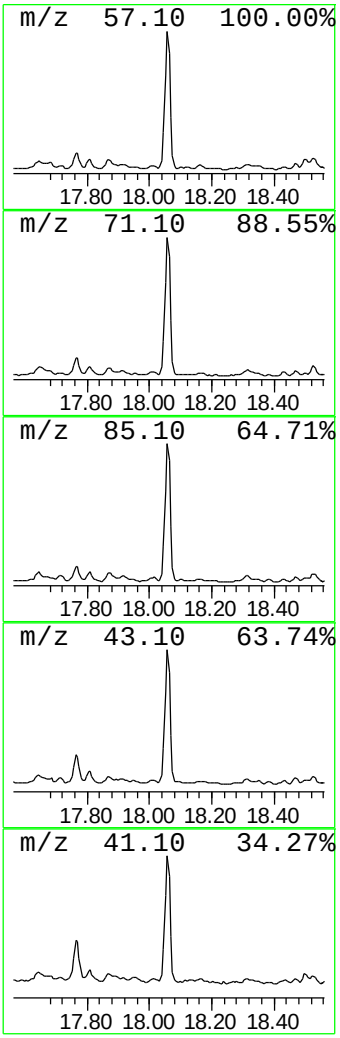
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	35.69 ng/ul	5722140	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Eicosane	282	C20H42	000112-95-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

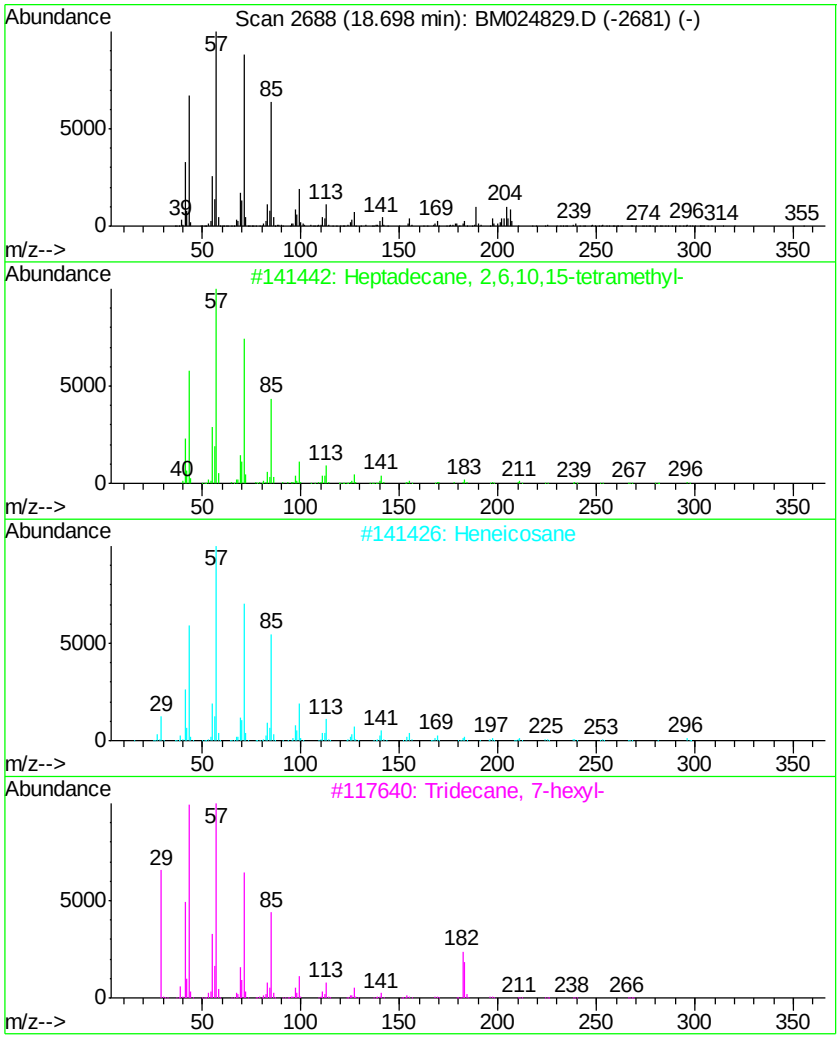
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

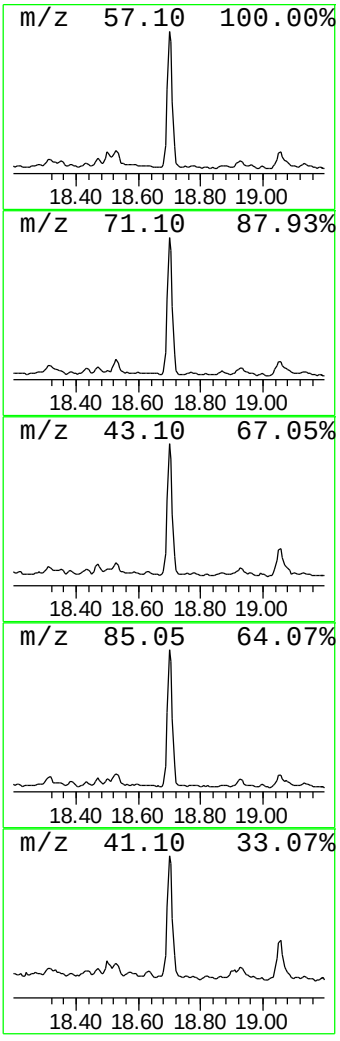
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	48.51 ng/ul	7778820	Phenanthrene-d10	16.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Heneicosane	296	C21H44	000629-94-7	81
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81
4	Eicosane	282	C20H42	000112-95-8	81
5	Hexadecane	226	C16H34	000544-76-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021020\
Data File : BM024829.D
Acq On : 11 Feb 2020 03:41
Operator : CG/JU
Sample : L1424-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5B30

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
o-Xylene	5.46	22.2	ng/ul	4081200	1	7.40	3680950	20.0
Benzene, 1-ethyl-...	6.52	17.9	ng/ul	3294390	1	7.40	3680950	20.0
Benzene, 1,2,3-tr...	6.65	13.4	ng/ul	2458940	1	7.40	3680950	20.0
Benzene, 1-ethyl-...	6.81	26.7	ng/ul	4909860	1	7.40	3680950	20.0
(DEL) Alkane: Cyc...	7.70	11.0	ng/ul	2026720	1	7.40	3680950	20.0
Indane	7.77	18.2	ng/ul	3345920	1	7.40	3680950	20.0
Benzene, 1-methyl...	7.96	18.8	ng/ul	3457660	1	7.40	3680950	20.0
Benzene, 1,3-diet...	8.05	30.1	ng/ul	5536160	1	7.40	3680950	20.0
Benzene, 2-ethyl-...	8.36	16.8	ng/ul	3092290	1	7.40	3680950	20.0
o-Cymene	8.40	18.6	ng/ul	3428410	1	7.40	3680950	20.0
(DEL) Alkane: Str...	8.65	20.8	ng/ul	3824860	1	7.40	3680950	20.0
Benzene, 1-methyl...	8.75	14.8	ng/ul	2722870	1	7.40	3680950	20.0
Benzene, 4-ethyl-...	8.83	8.2	ng/ul	3063430	2	10.16	7434610	20.0
Benzene, 1,2,3,4-...	9.02	10.8	ng/ul	4027810	2	10.16	7434610	20.0
1,3-Cyclopentadie...	9.08	17.7	ng/ul	6581260	2	10.16	7434610	20.0
1H-Indene, 2,3-di...	9.43	5.9	ng/ul	2202370	2	10.16	7434610	20.0
Benzene, (1-methy...	9.58	23.9	ng/ul	8896370	2	10.16	7434610	20.0
Benzene, 1-methyl...	9.66	7.3	ng/ul	2726180	2	10.16	7434610	20.0
Phenol, 3-chloro-	10.06	9.3	ng/ul	3460690	2	10.16	7434610	20.0
(DEL) Alkane: Str...	11.23	6.8	ng/ul	2519790	2	10.16	7434610	20.0
(DEL) Alkane: Str...	11.64	12.8	ng/ul	4768690	2	10.16	7434610	20.0
Benzaldehyde, 2,4...	11.72	6.2	ng/ul	2318040	2	10.16	7434610	20.0
Ethanone, 1-(3,4-...	12.02	13.7	ng/ul	5106440	2	10.16	7434610	20.0
Naphthalene, 1-me...	12.07	100.0	ng/ul	37171900	2	10.16	7434610	20.0
(DEL) Alkane: Str...	12.62	6.8	ng/ul	2771450	3	14.06	8216020	20.0
Phenol, 3,5-dichl...	12.77	33.9	ng/ul	13931800	3	14.06	8216020	20.0
Naphthalene, 2-et...	13.08	36.8	ng/ul	15127600	3	14.06	8216020	20.0
Naphthalene, 1,5-...	13.22	45.0	ng/ul	18498700	3	14.06	8216020	20.0
Naphthalene, 2,6-...	13.39	82.7	ng/ul	33980500	3	14.06	8216020	20.0
(DEL) Alkane: Str...	13.59	10.4	ng/ul	4264870	3	14.06	8216020	20.0
Naphthalene, 2,3-...	13.62	35.1	ng/ul	14422800	3	14.06	8216020	20.0
Naphthalene, 1,6-...	13.65	10.7	ng/ul	4407500	3	14.06	8216020	20.0
unknown-01	13.90	6.4	ng/ul	2624180	3	14.06	8216020	20.0
4,6,8-Trimethylaz...	14.37	9.1	ng/ul	3751040	3	14.06	8216020	20.0
Naphthalene, 2,3,...	14.55	22.7	ng/ul	9331990	3	14.06	8216020	20.0
Phenol, 2,3,4,6-t...	14.62	27.8	ng/ul	11414500	3	14.06	8216020	20.0
(DEL) Alkane: Str...	14.97	23.1	ng/ul	9485860	3	14.06	8216020	20.0
(DEL) Alkane: Str...	15.84	91.6	ng/ul	14693500	4	16.83	3206900	20.0
(DEL) Alkane: Str...	15.86	33.7	ng/ul	5407780	4	16.83	3206900	20.0
(DEL) Alkane: Str...	16.63	58.4	ng/ul	9370340	4	16.83	3206900	20.0
(DEL) Alkane: Str...	17.37	43.8	ng/ul	7024510	4	16.83	3206900	20.0
(DEL) Alkane: Str...	18.06	35.7	ng/ul	5722140	4	16.83	3206900	20.0
(DEL) Alkane: Str...	18.70	48.5	ng/ul	7778820	4	16.83	3206900	20.0