LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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-BM032219MA.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	6.769	638	643	656	rBV2	48328	122032	3.80%	0.189%
2	6.934	665	671	678	rBV	44759	98511	3.07%	0.152%
3	7.110	695	701	709	rBV	84353	145034	4.51%	0.224%
4	7.575	773	780	793	rBV	677670	1163376	36.20%	1.799%
5	8.304	898	904	911	rBV2	69411	148854	4.63%	0.230%
6	8.751	973	980	991	rBV2	62455	139101	4.33%	0.215%
7	9.251	1059	1065	1071	rVB	61706	98742	3.07%	0.153%
8	9.457	1095	1100	1104	rBV2	37852	66224	2.06%	0.102%
9	9.504	1104	1108	1112	rBV3	99532	172270	5.36%	0.266%
10	9.745	1141	1149	1156	rBV3	133231	262700	8.17%	0.406%
11	9.922	1170	1179	1183	rBV4	75170	179109	5.57%	0.277%
12	9.981	1183	1189	1194	rVV3	155860	352333	10.96%	0.545%
13	10.039	1194	1199	1204	rVV	177546	311274	9.69%	0.481%
14	10.110	1206	1211	1216	rVB4	66258	114972	3.58%	0.178%
15	10.216	1222	1229	1232	rBV7	91064	222183	6.91%	0.344%
16	10.287	1238	1241	1243	rBV	74759	86239	2.68%	0.133%
17	10.351	1243	1252	1257	rBV2	1000601	2146455	66.79%	3.320%
18	10.451	1264	1269	1276	rVB3	418836	789028	24.55%	1.220%
19	10.522	1276	1281	1283	rBV2	232171	358018	11.14%	0.554%
20	10.551	1283	1286	1293	rVB2	251488	443382	13.80%	0.686%
21	10.639	1293	1301	1306	rBV2	355543	655308	20.39%	1.014%
22	10.704	1308	1312	1315	rBV2	174636	250720	7.80%	0.388%
23	10.769	1319	1323	1326	rBV2	203433	277197	8.63%	0.429%
24	10.804	1326	1329	1335	rVB2	267810	397899	12.38%	0.615%
25	10.869	1336	1340	1344	rVB3	84698	121340	3.78%	0.188%
26	10.922	1345	1349	1351	rBV	104069	169823	5.28%	0.263%
27	10.969	1354	1357	1360	rBV2	94299	118601	3.69%	0.183%
28	11.022	1360	1366	1370	rBV6	179341	411133	12.79%	0.636%
29	11.116	1377	1382	1385	rBV4	227006	378906	11.79%	0.586%
30	11.239	1398	1403	1410	rVB4	298107	653751	20.34%	1.011%
31	11.304	1410	1414	1416	rBV	134846	179593	5.59%	0.278%
32	11.339	1416	1420	1424	rBV	462582	662586	20.62%	1.025%
33	11.445	1434	1438	1443	rVB	369346	589972	18.36%	0.912%
34	11.492	1443	1446	1449	rBV3	96089	121960	3.79%	0.189%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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-BM032219MA.M
Title : SVOA CALIBRATION

35	11.539	1449	1454	1460	rVV2	1201205	1997474	62.15%	3.089%
36	11.604	1460	1465	1472	rVB2	167499	322075	10.02%	0.498%
37	11.733	1483	1487	1489	rBV	122580	180816	5.63%	0.280%
38	11.763	1489	1492	1495	rVV2	238558	383960	11.95%	0.594%
39	11.810	1495	1500	1507	rVV6	317724	1040767	32.38%	1.610%
40	11.875	1508	1511	1512	rVV2	350314	449051	13.97%	0.695%
41	11.904	1512	1516	1520	rVV	780644	1286402	40.03%	1.990%
42	11.945	1520	1523	1525	rVV2	241559	353724	11.01%	0.547%
43	11.975	1525	1528	1532	rVV2	467474	678616	21.12%	1.050%
44	12.028	1532	1537	1542	rVB	1908494	2956023	91.98%	4.572%
45	12.110	1547	1551	1553	rBV2	99330	143531	4.47%	0.222%
46	12.145	1553	1557	1561	rBV3	161897	263434	8.20%	0.407%
47	12.222	1566	1570	1571	rBV	240114	314352	9.78%	0.486%
48	12.251	1571	1575	1583	rVB2	1231118	2309131	71.85%	3.571%
49	12.316	1583	1586	1590	rBV3	400780	564698	17.57%	0.873%
50	12.386	1596	1598	1602	rVB4	87870	107413	3.34%	0.166%
51	12.439	1602	1607	1610	rBV	456534	712226	22.16%	1.102%
52	12.492	1612	1616	1620	rVV3	568172	894704	27.84%	1.384%
53	12.539	1620	1624	1630	rVB5	352999	737552	22.95%	1.141%
54	12.592	1630	1633	1636	rBV3	125957	162611	5.06%	0.252%
55	12.628	1636	1639	1645	rVB5	313266	513787	15.99%	0.795%
56	12.728	1645	1656	1659	rBV	537664	1112357	34.61%	1.720%
57	12.869	1675	1680	1685	rBV4	254464	541862	16.86%	0.838%
58	12.916	1686	1688	1692	rVV3	149290	208423	6.49%	0.322%
59	12.963	1692	1696	1700	rVB4	212905	343200	10.68%	0.531%
60	13.098	1714	1719	1720	rBV2	231840	294416	9.16%	0.455%
61	13.157	1724	1729	1734	rVB4	590761	1090596	33.93%	1.687%
62	13.210	1734	1738	1741	rBV2	192548	299399	9.32%	0.463%
63	13.251	1741	1745	1753	rVV2	381407	799473	24.88%	1.237%
64	13.386	1763	1768	1770	rBV	1750401	2772708	86.27%	4.288%
65	13.492	1781	1786	1790	rBV3	976058	1328929	41.35%	2.055%
66	13.545	1790	1795	1800	rVV	1787408	3181606	99.00%	4.921%
67	13.604	1800	1805	1811	rVB	1960522	3213811	100.00%	4.971%
68	13.657	1811	1814	1816	rBV	158336	206457	6.42%	0.319%
69	13.686	1816	1819	1826	rVB3	420672	743607	23.14%	1.150%
70	13.786	1831	1836	1839	rBV2	340349	462401	14.39%	0.715%
71	13.857	1844	1848	1854	rVB2	421028	706725	21.99%	1.093%

LSC Area Percent Report

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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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-BM032219MA.M
Title : SVOA CALIBRATION

72	13.922	1854	1859	1862	rBV2	363935	640649	19.93%	0.991%
73	14.004	1870	1873	1875	rBV4	73116	111963	3.48%	0.173%
74	14.033	1875	1878	1884	rVB3	286516	442200	13.76%	0.684%
75	14.233	1903	1912	1917	rBV2	1394961	2421544	75.35%	3.745%
76	14.280	1917	1920	1930	rVB4	296838	652569	20.31%	1.009%
77	14.451	1942	1949	1956	rVB2	483582	1121131	34.88%	1.734%
78	14.545	1956	1965	1969	rBV3	179734	515241	16.03%	0.797%
79	14.633	1974	1980	1989	rVB	521367	849765	26.44%	1.314%
80	14.710	1989	1993	1997	rBV	515467	650754	20.25%	1.007%
81	14.851	2012	2017	2023	rBV3	385730	709809	22.09%	1.098%
82	14.910	2023	2027	2031	rVB	183924	253488	7.89%	0.392%
83	15.010	2038	2044	2050	rBV5	222930	601617	18.72%	0.931%
84	15.057	2050	2052	2056	rVB	138708	160715	5.00%	0.249%
85	15.174	2069	2072	2077	rBV6	43928	82388	2.56%	0.127%
86	15.233	2077	2082	2087	rVV2	235045	365491	11.37%	0.565%
87	15.280	2087	2090	2094	rVB2	80943	112259	3.49%	0.174%
88	15.333	2094	2099	2104	rVB2	106063	182389	5.68%	0.282%
89	15.580	2134	2141	2144	rBV7	34826	88879	2.77%	0.137%
90	15.957	2199	2205	2219	rVB4	128798	258429	8.04%	0.400%
91	16.998	2375	2382	2390	rBV2	1356473	1980750	61.63%	3.064%
92	17.098	2393	2399	2406	rVB2	217513	329531	10.25%	0.510%
93	17.880	2529	2532	2546	rBV5	32188	72957	2.27%	0.113%
94	19.404	2786	2791	2796	rBV2	222409	307428	9.57%	0.475%
95	19.739	2844	2848	2851	rBV	106060	122666	3.82%	0.190%
96	19.774	2851	2854	2860	rVB	205625	214875	6.69%	0.332%
97	20.751	3017	3020	3023	rBV	87592	99254	3.09%	0.154%
98	21.203	3093	3097	3103	rBV	1364093	1681429	52.32%	2.601%
99	23.415	3468	3473	3483	rVB2	1013318	1928892	60.02%	2.983%
100	25.039	3745	3749	3762	rVB	678671	1608497	50.05%	2.488%

Sum of corrected areas: 64654502

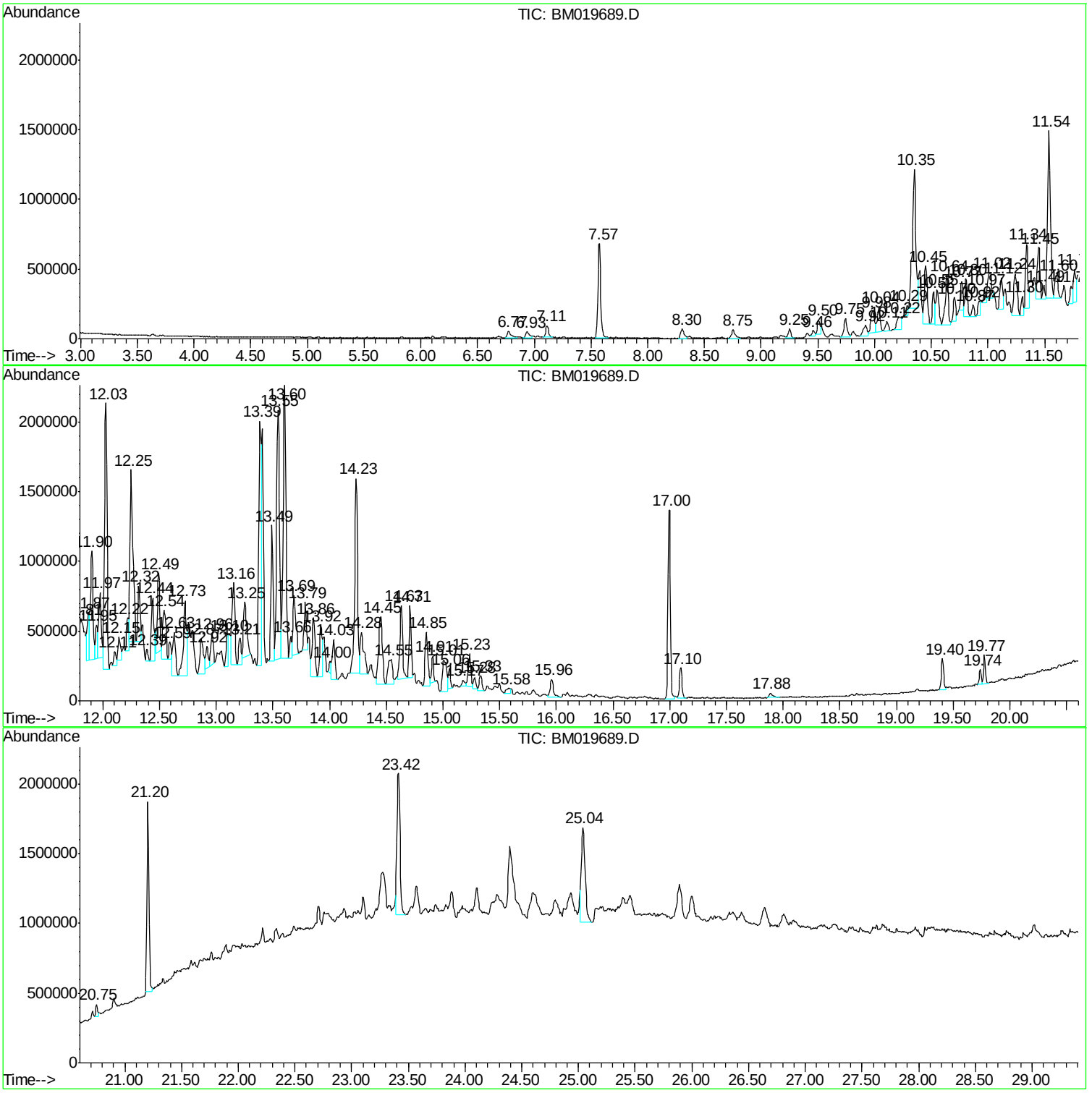
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

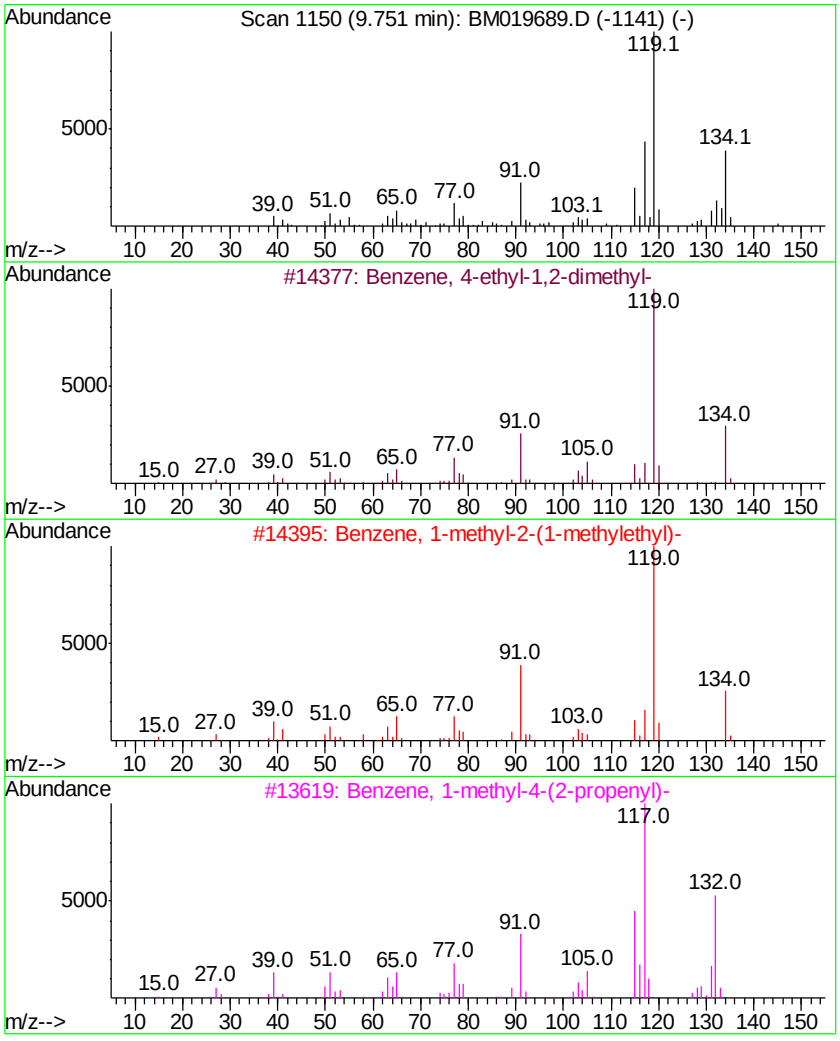
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

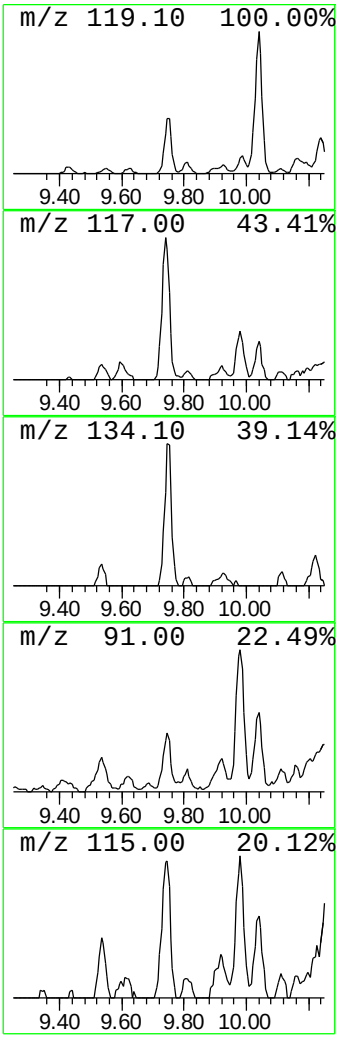
****

Peak Number 1 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	2.45 ng/ul	262700	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	59
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	53
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

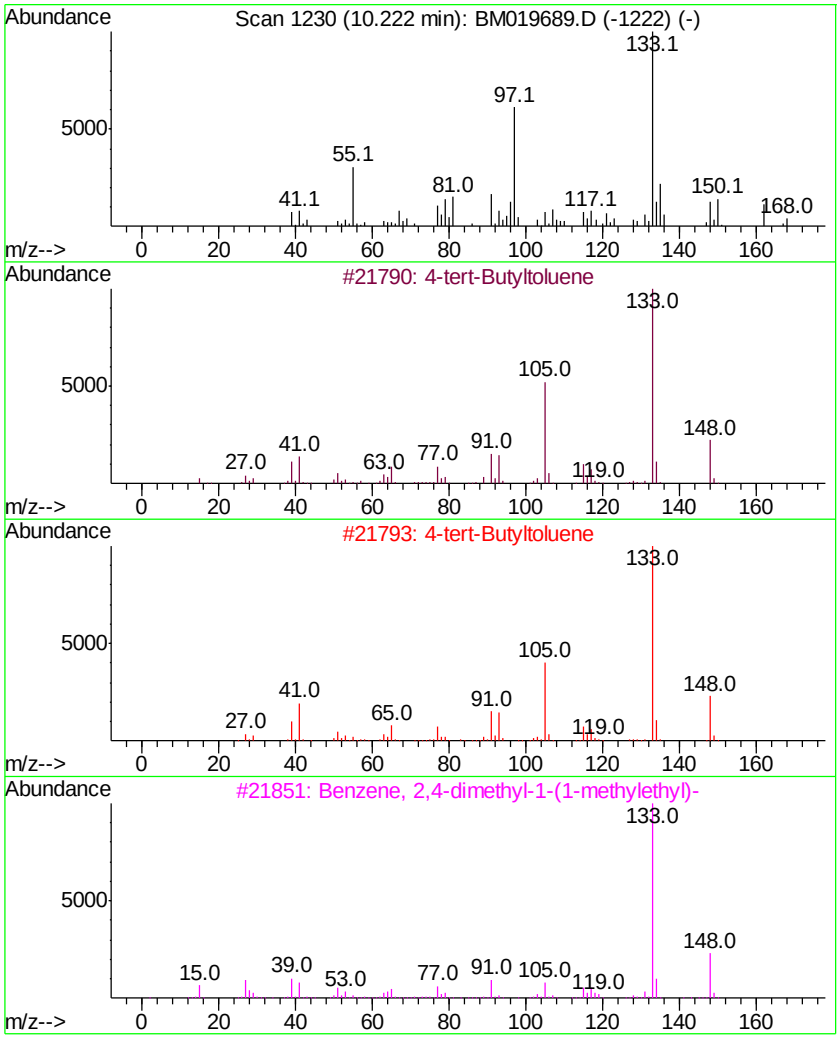
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

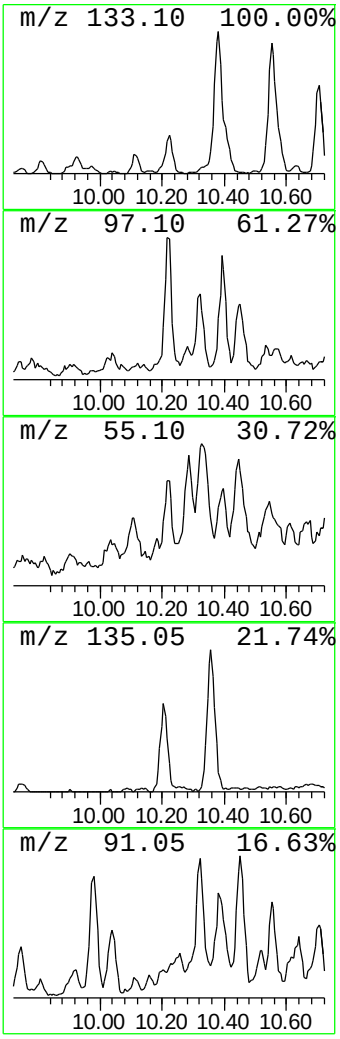
****

Peak Number 2 unknown-01 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	2.07 ng/ul	222183	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyltoluene	148	C11H16	000098-51-1	38
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	38
3	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	38
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	30
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	25





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Misc :
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Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

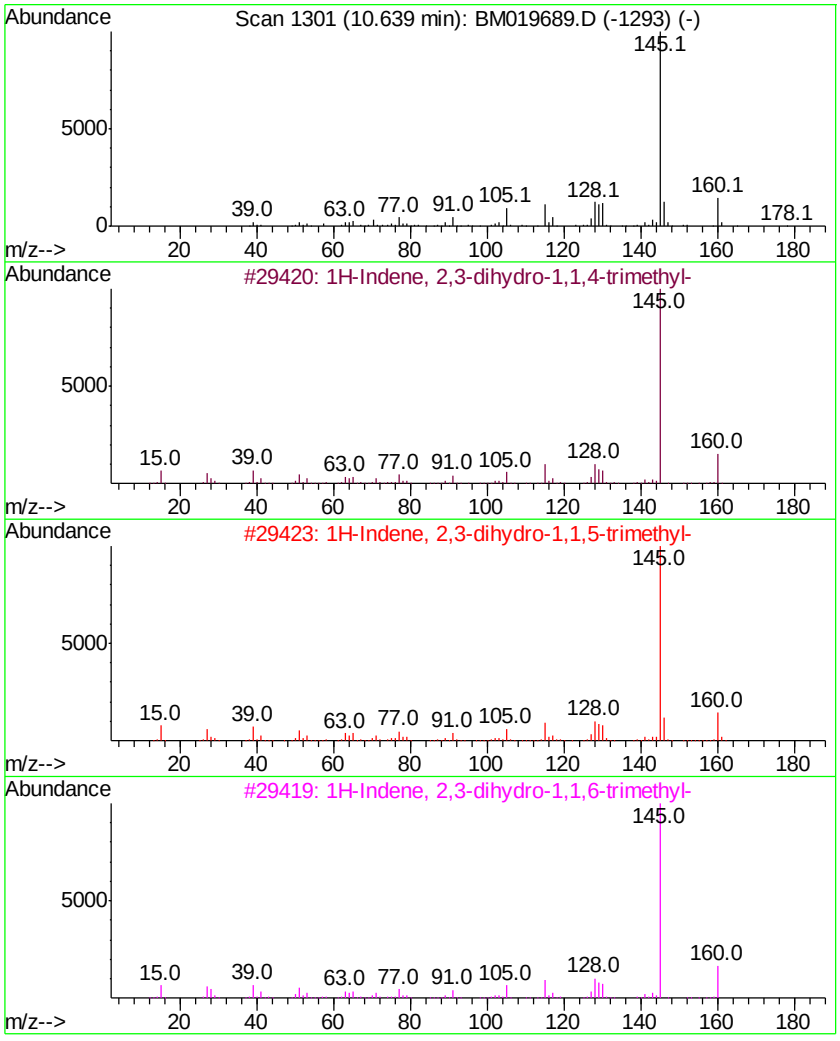
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

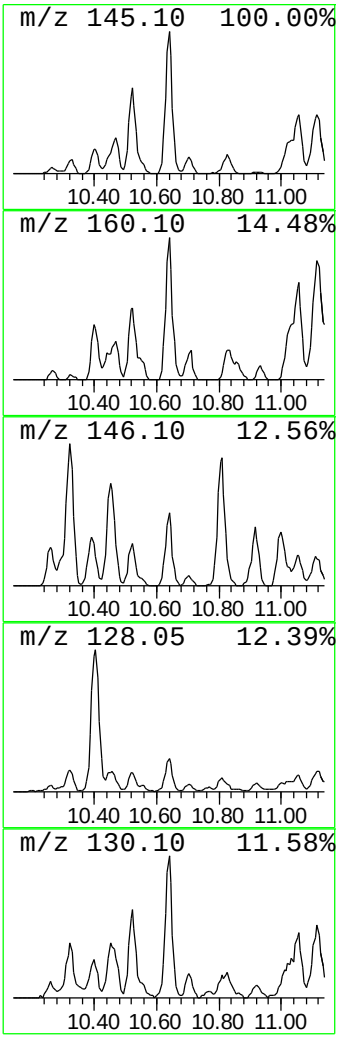
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	6.11 ng/ul	655308	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	95
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	94
3	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	94
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	90
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

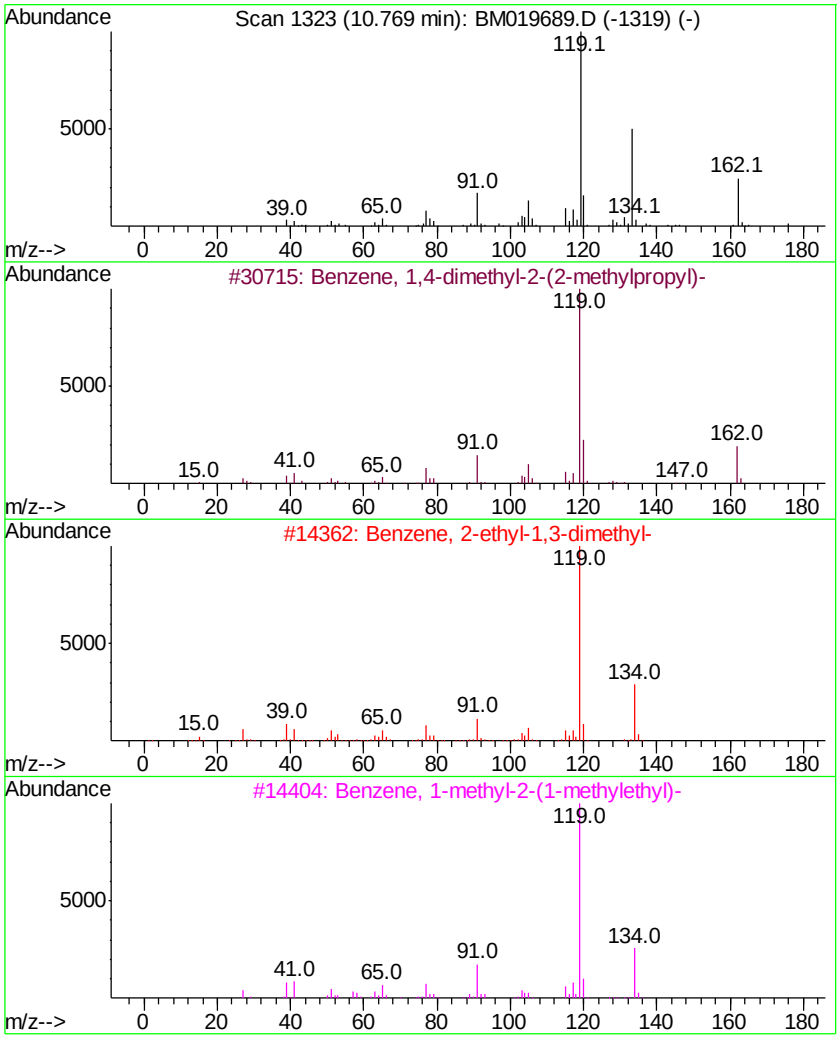
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

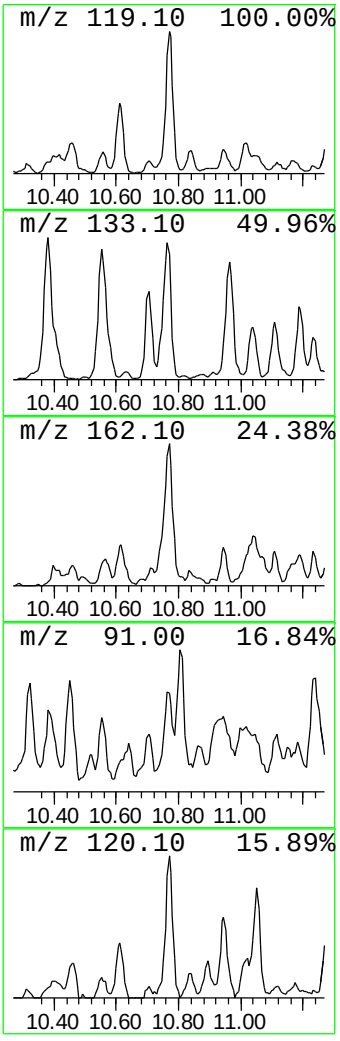
****

Peak Number 5 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.58 ng/ul	277197	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	86
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	55
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	53
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	53





Library Search Compound Report

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Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

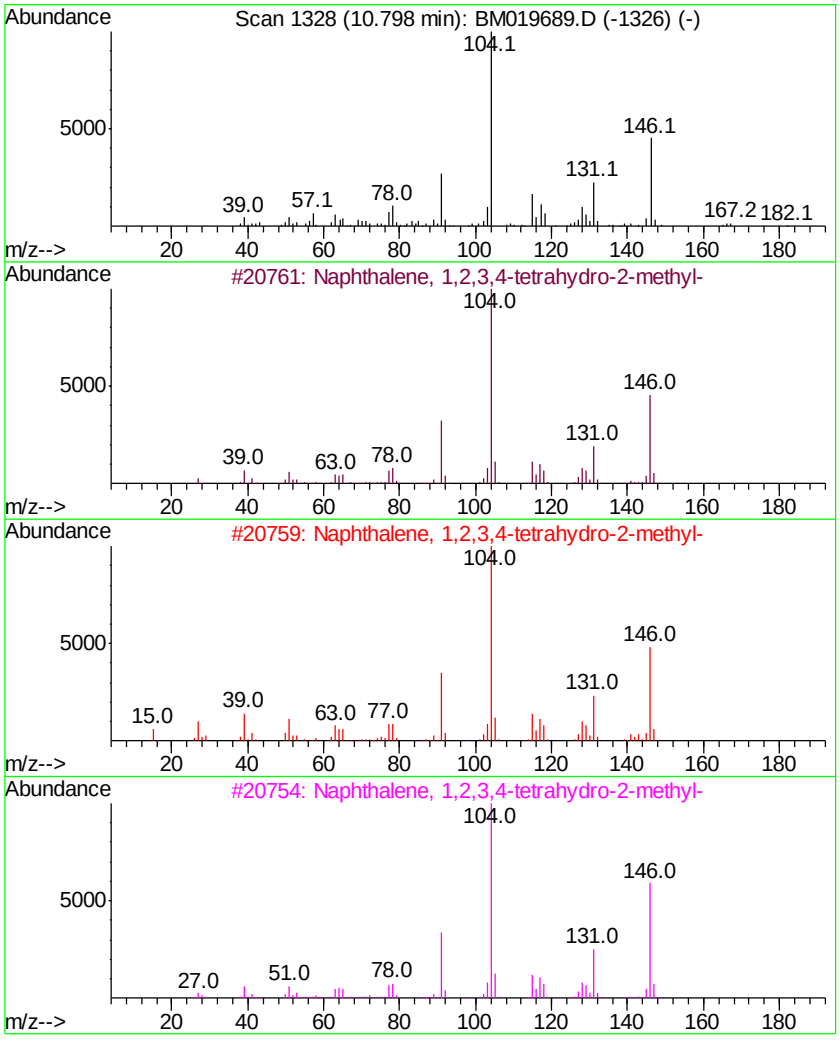
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

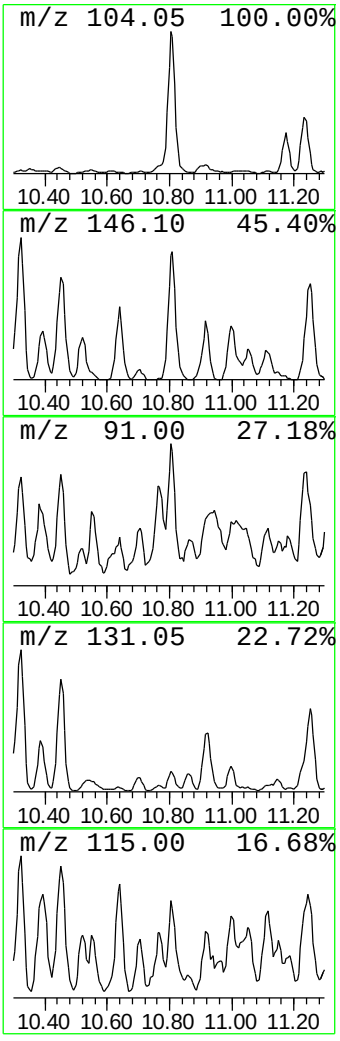
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	3.71 ng/ul	397899	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
5	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	59





Library Search Compound Report

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Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

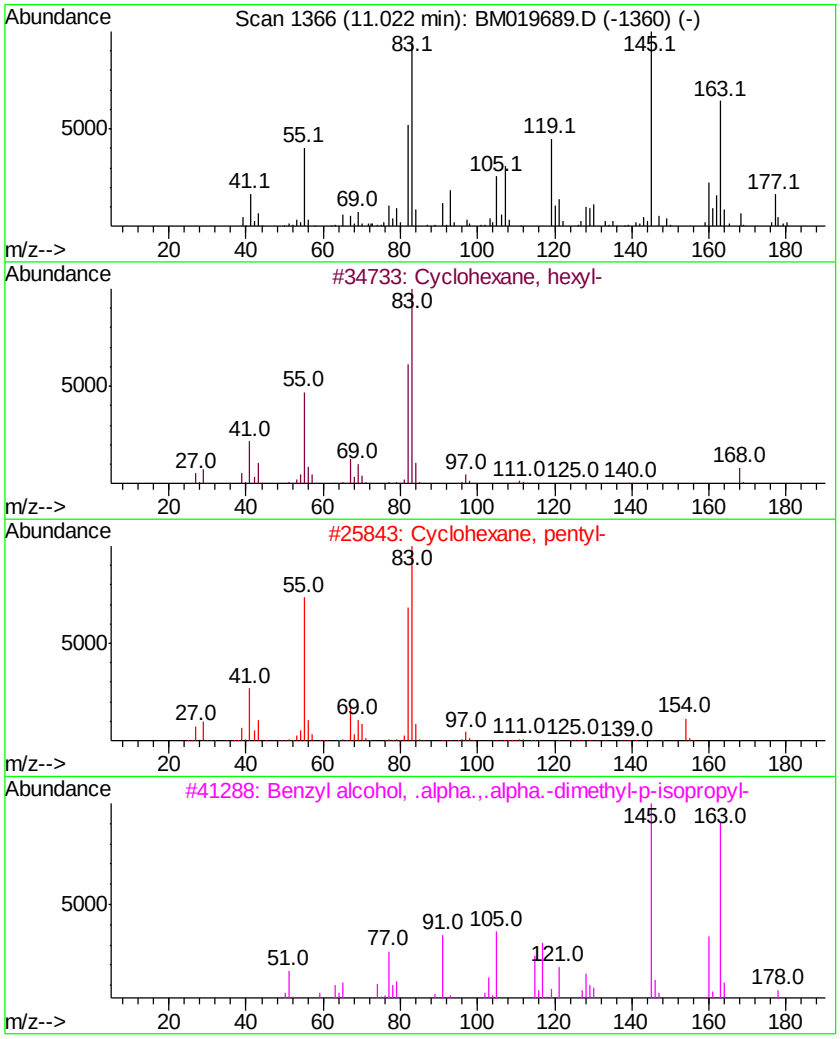
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

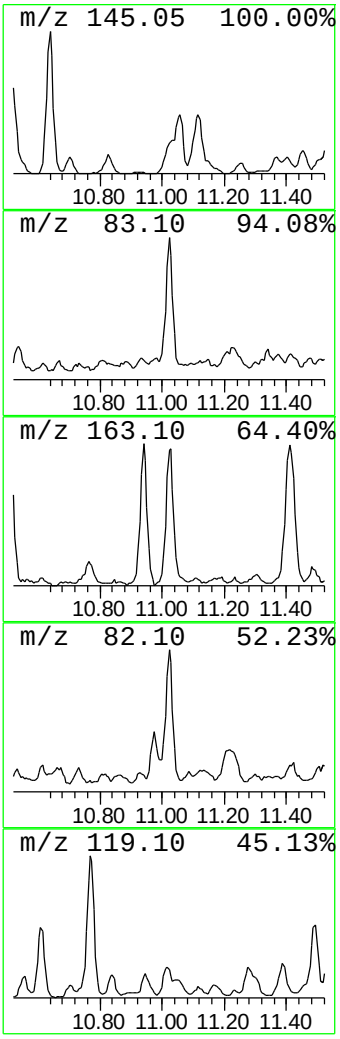
****

Peak Number 7 (DEL) Alkane: Cyclic11.02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.83 ng/ul	411133	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	22
3	Benzyl alcohol, .alpha.,.alpha.-...	178	C12H18O	003445-42-9	20
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	18
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	18





Library Search Compound Report

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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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Quant Title : SVOA CALIBRATION

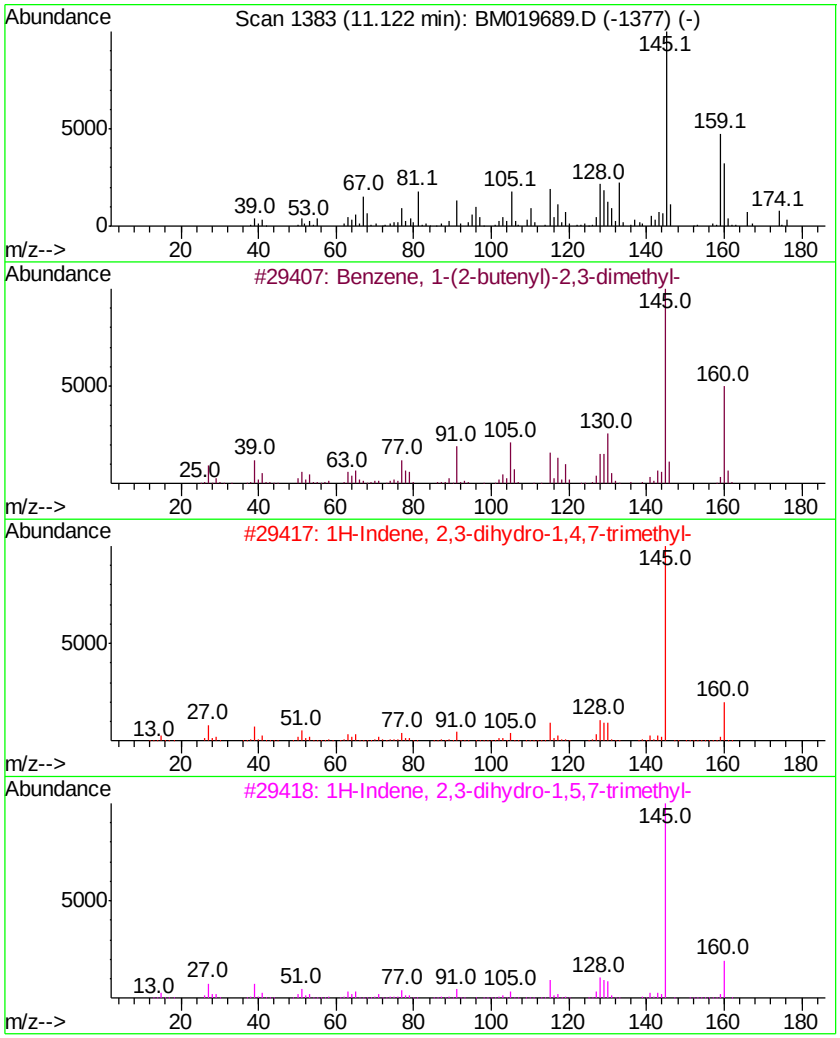
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

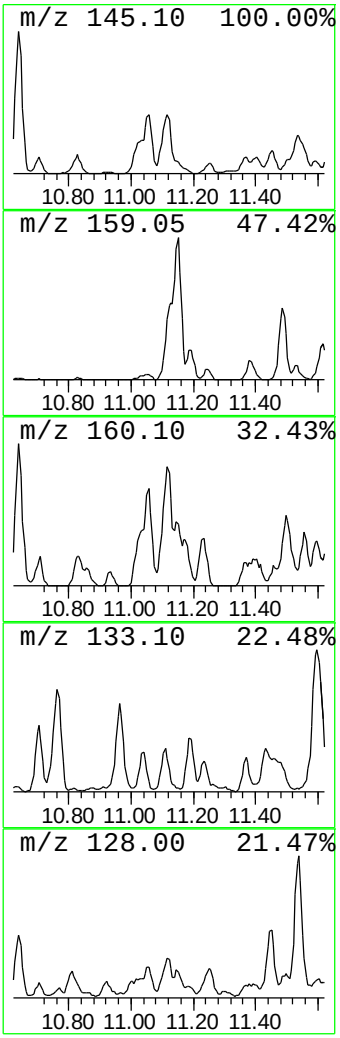
****

Peak Number 8 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.53 ng/ul	378906	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	86
2	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	76
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	76
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
5	1-Naphthalenemethanol, 1,2,3,4-t...	176	C12H16O	036052-28-5	70





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Sample : K2119-19DL 5X
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Instrument : BNA_M
ClientSampleId : BF5B6DL

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Quant Title : SVOA CALIBRATION

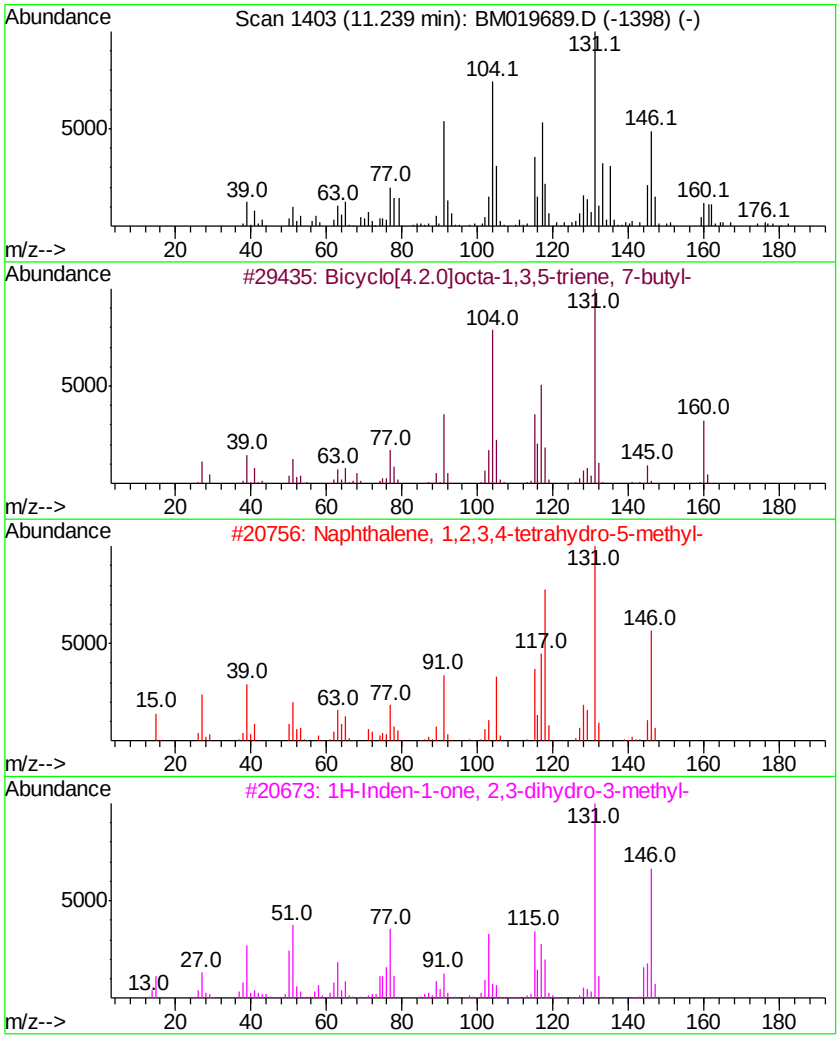
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

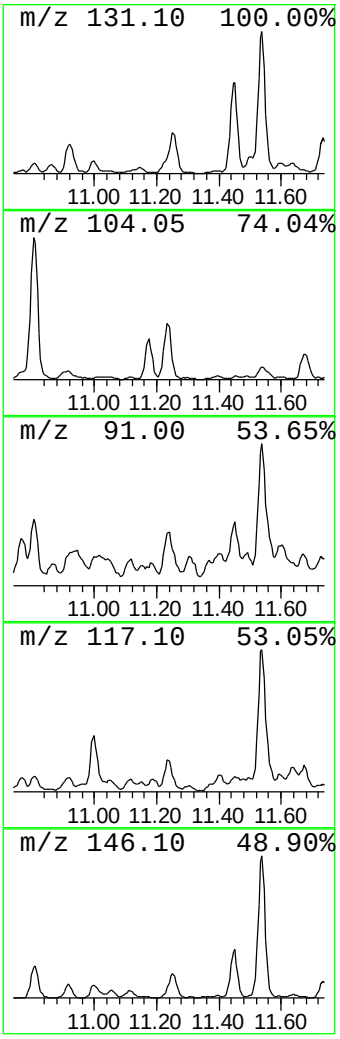
****

Peak Number 9 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	6.09 ng/ul	653751	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	43
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42





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Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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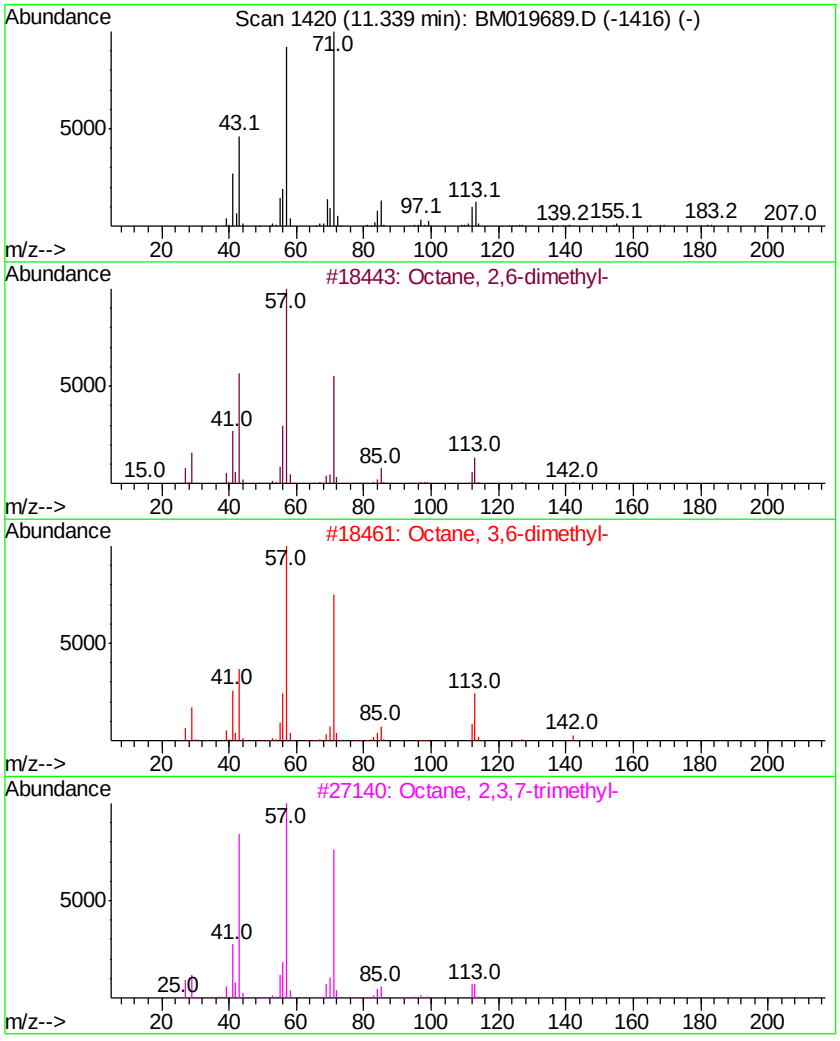
Quant Title : SVOA CALIBRATION

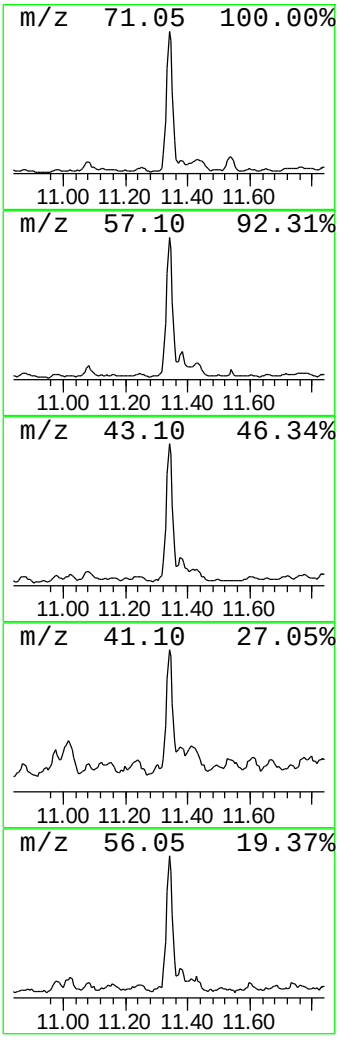
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.17 ng/ul	662586	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	64





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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Quant Title : SVOA CALIBRATION

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

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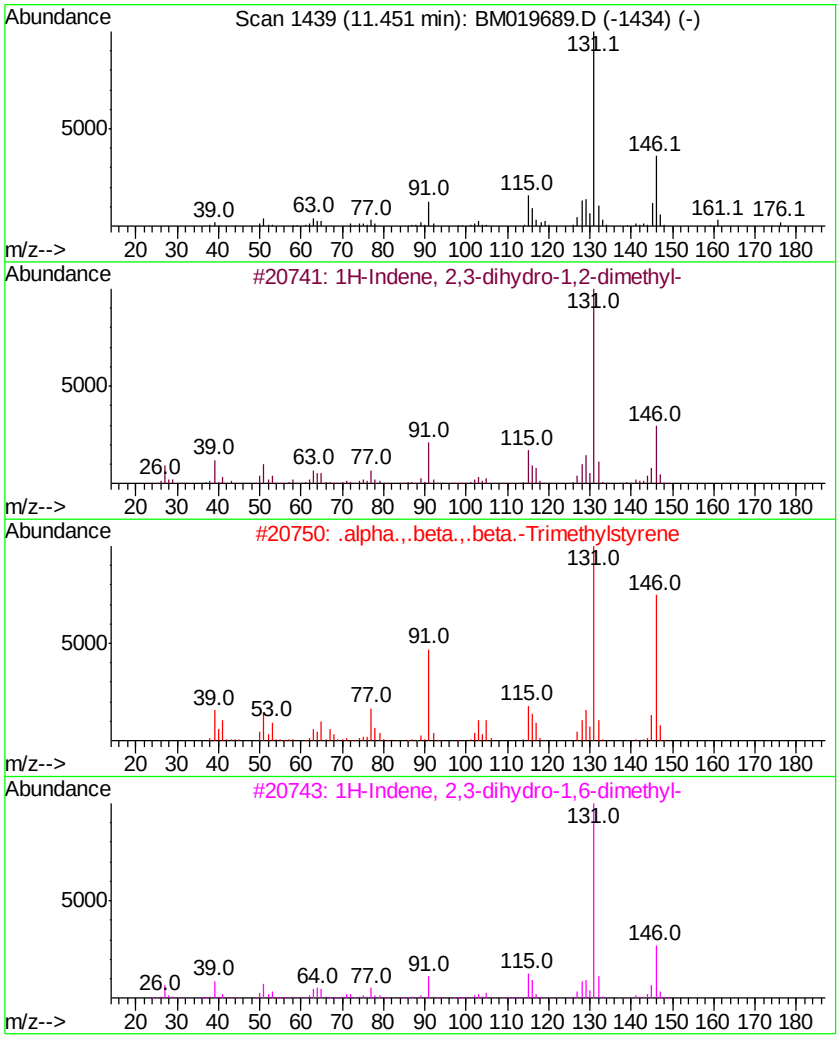
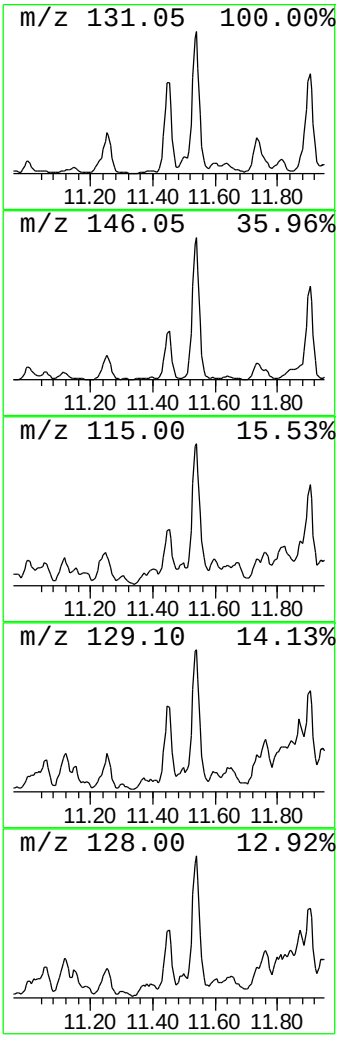
Peak Number 11 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	5.50 ng/ul	589972	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	92
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Library Search Compound Report

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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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Quant Title : SVOA CALIBRATION

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

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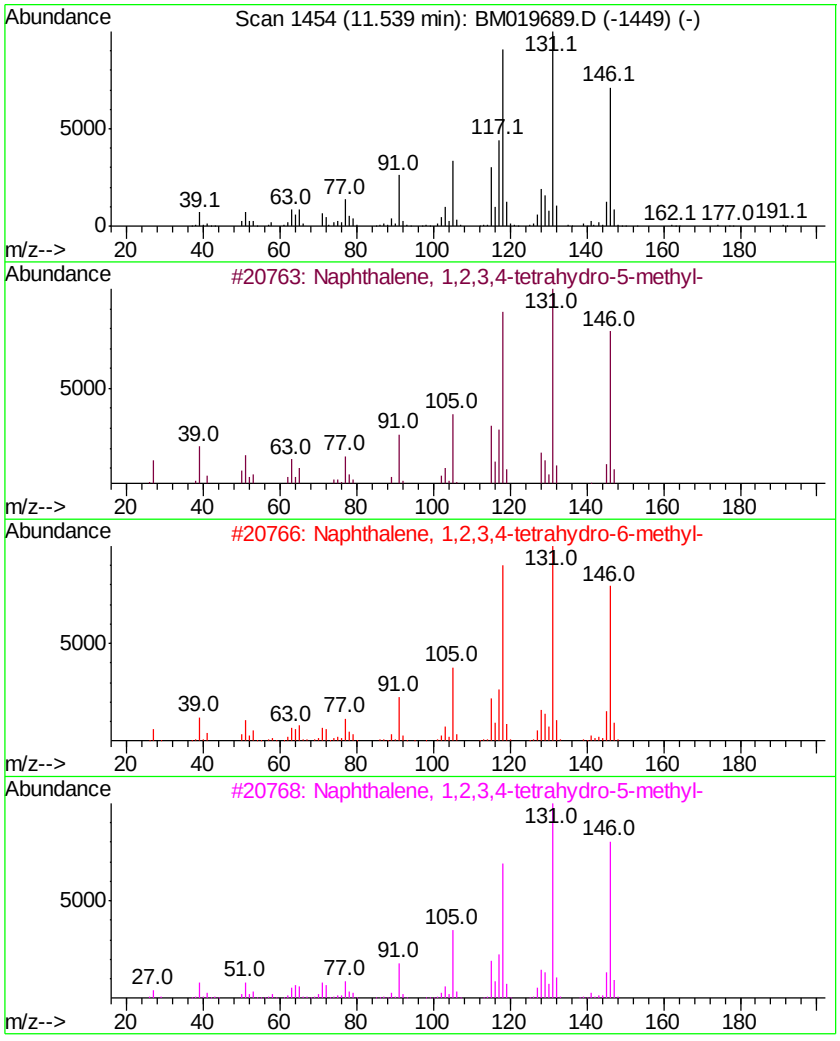
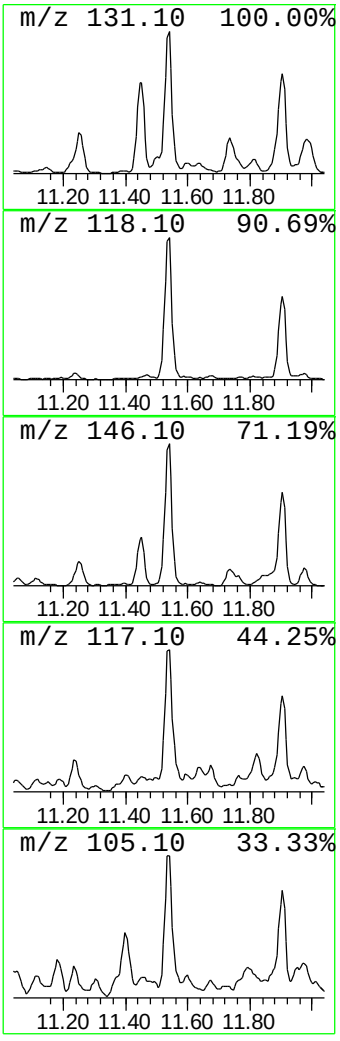
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	18.61 ng/ul	1997470	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	98
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95





Library Search Compound Report

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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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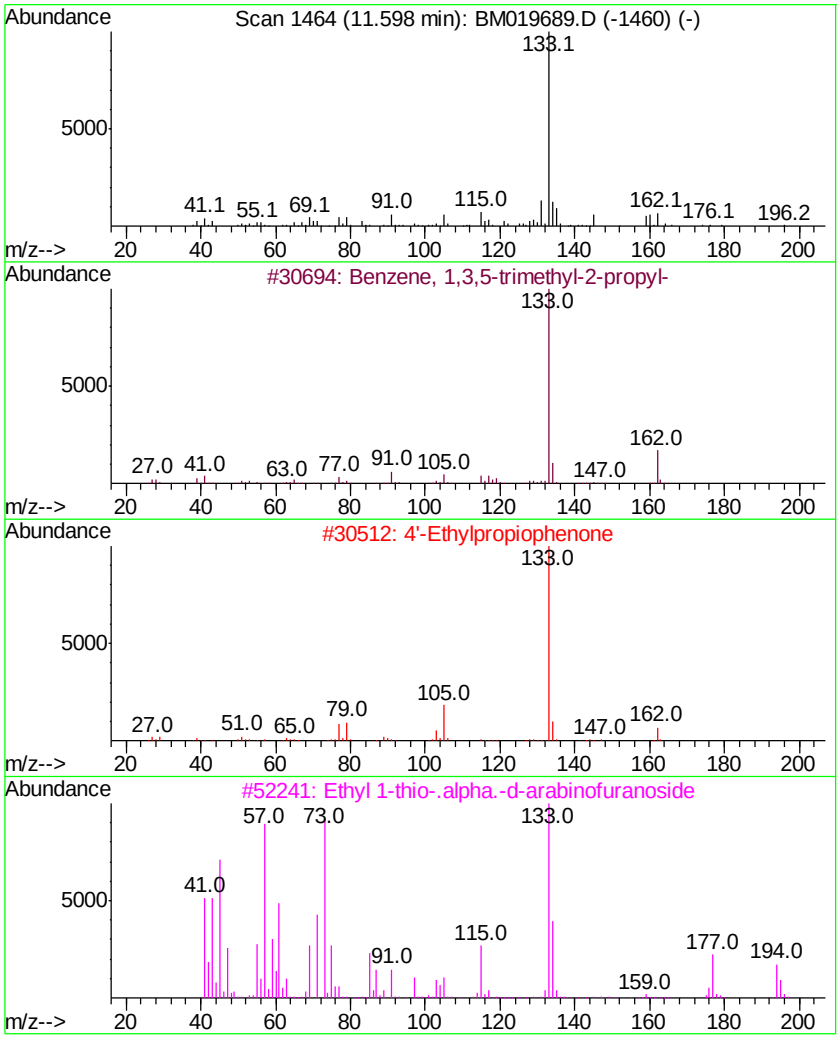
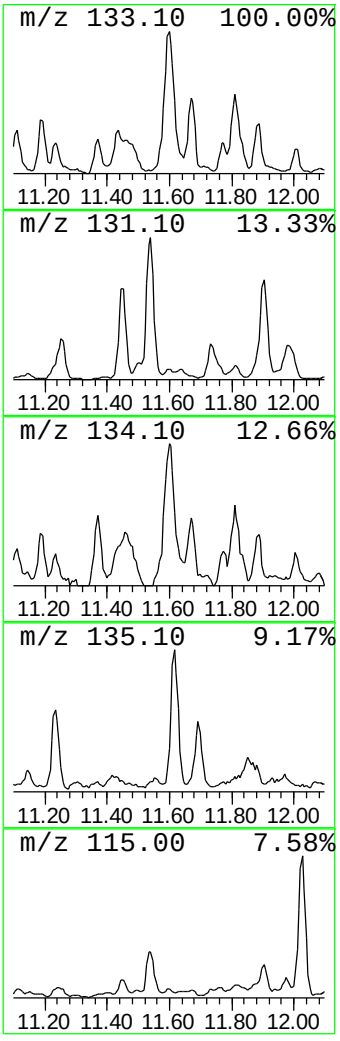
Peak Number 13 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	3.00 ng/ul	322075	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	50
2	4'-Ethylpropiophenone	162	C11H14O	027465-51-6	47
3	Ethyl 1-thio-.alpha.-d-arabinofu...	194	C7H14O4S	1000129-83-7	47
4	1,2,4-Triazolo[4,3-a]pyridine, 3...	133	C7H7N3	001004-65-5	38
5	3-Chloro-N-isochroman-1-ylmethyl...	253	C13H16ClNO2	1000297-29-7	38





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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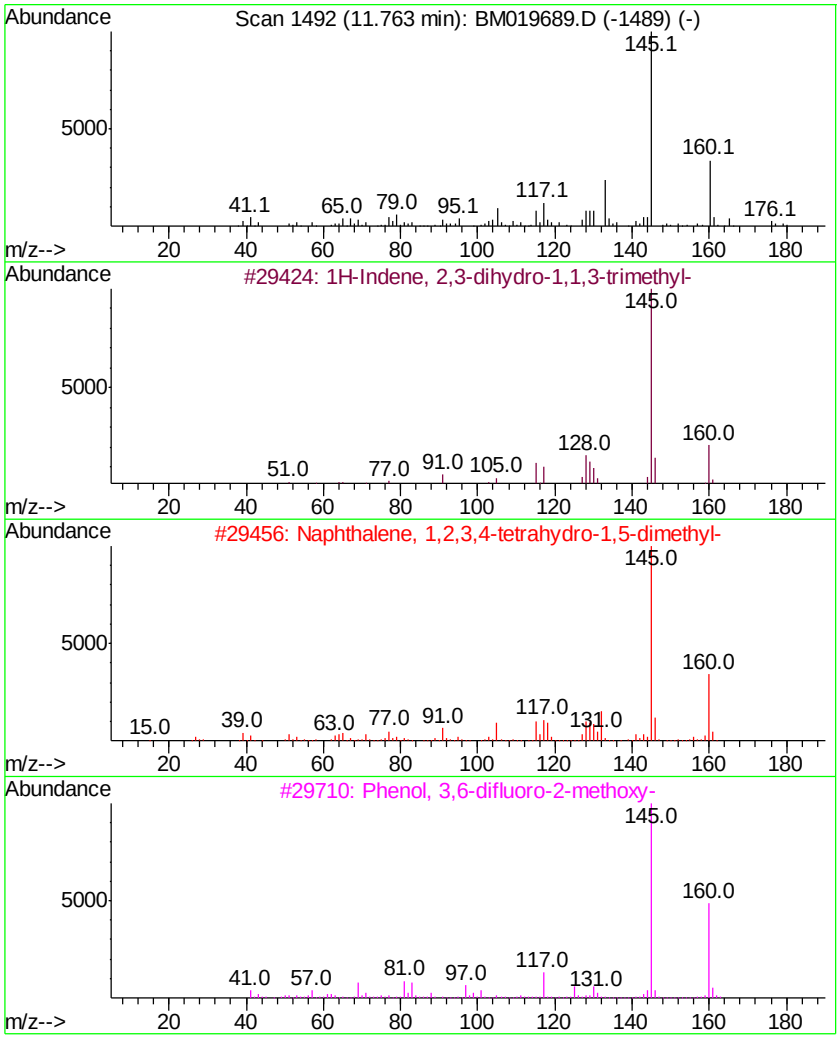
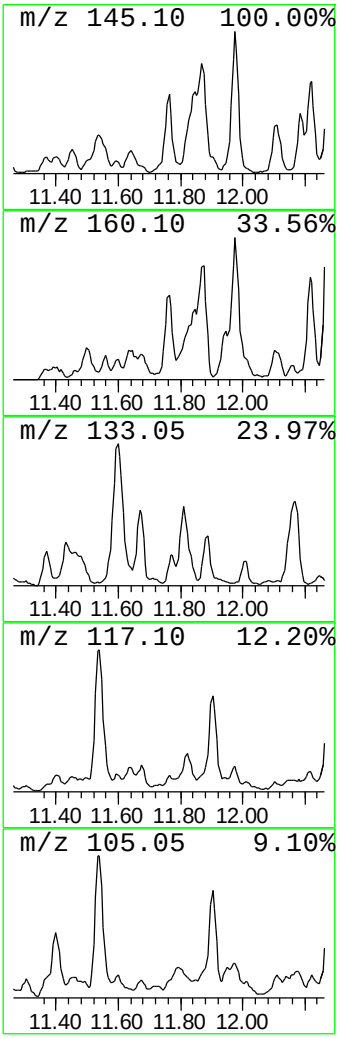
Peak Number 14 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.58 ng/ul	383960	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76
3	Phenol, 3,6-difluoro-2-methoxy-	160	C7H6F2O2	075626-22-1	72
4	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	68
5	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	68





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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Quant Title : SVOA CALIBRATION

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

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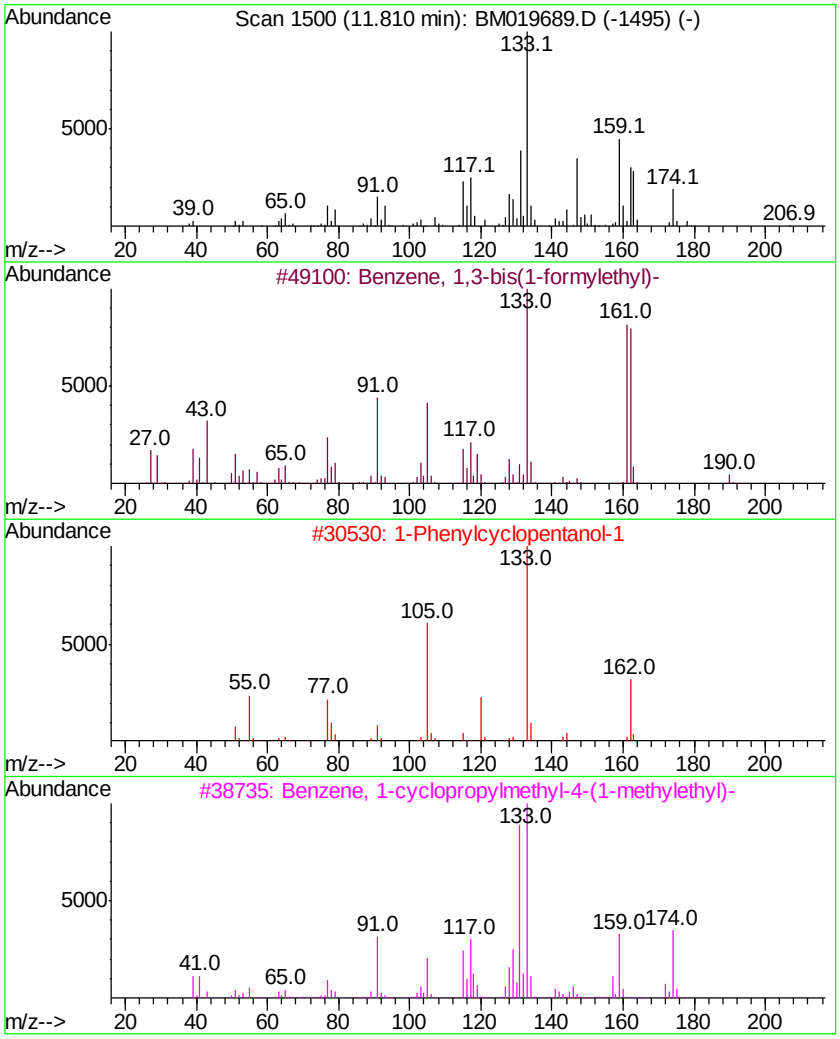
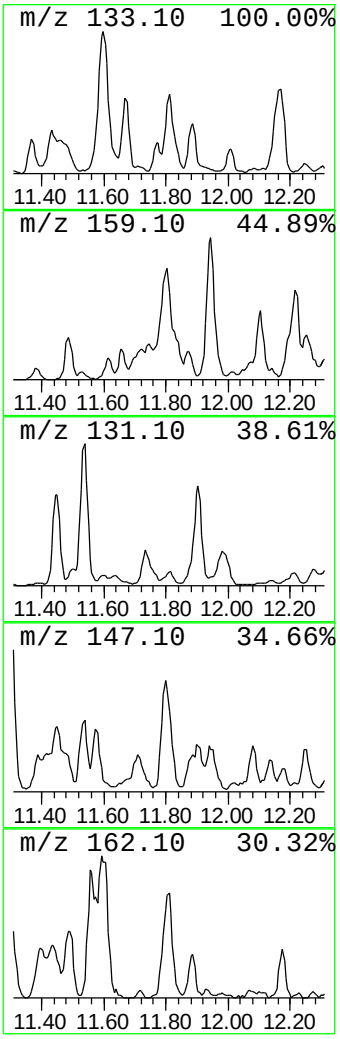
Peak Number 15 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	9.70 ng/ul	1040770	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1-formylethyl)-	190	C12H14O2	1000160-34-1	32
2	1-Phenylcyclopentanol-1	162	C11H14O	010487-96-4	27
3	Benzene, 1-cyclopropylmethyl-4-(...	174	C13H18	1000271-09-9	27
4	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	27
5	Benzoxazole, 2-(2,2-dimethylprop...	189	C12H15NO	143857-68-5	22





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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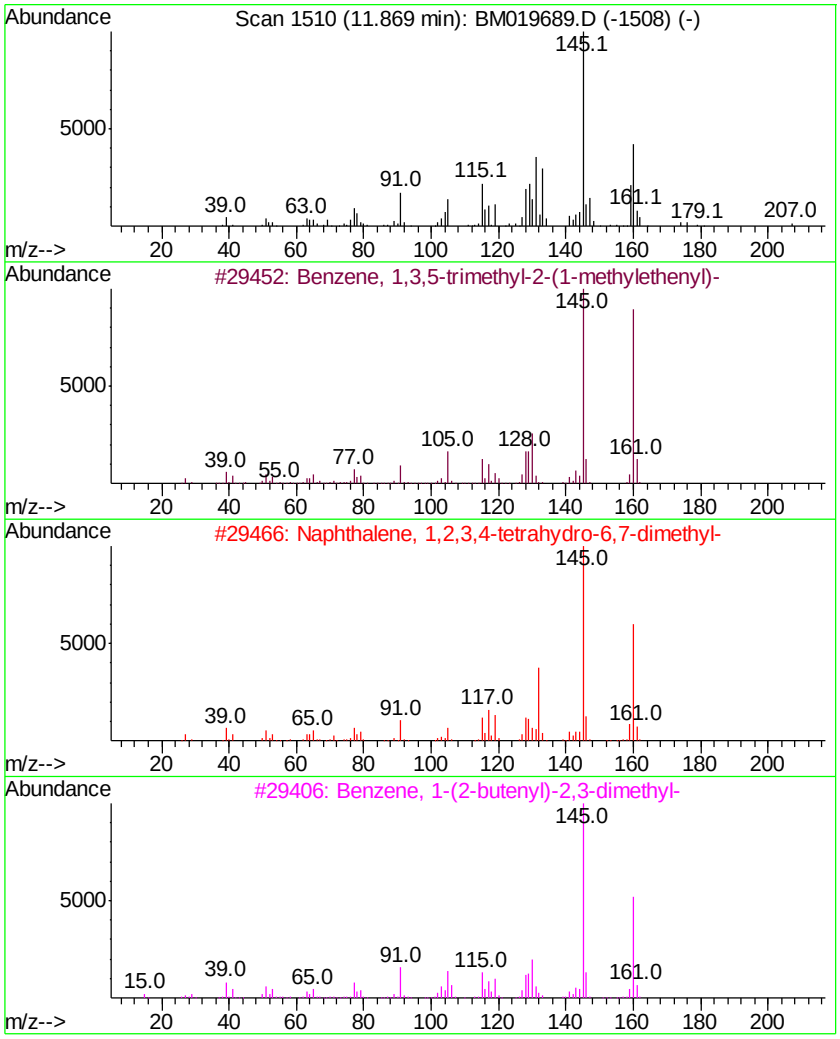
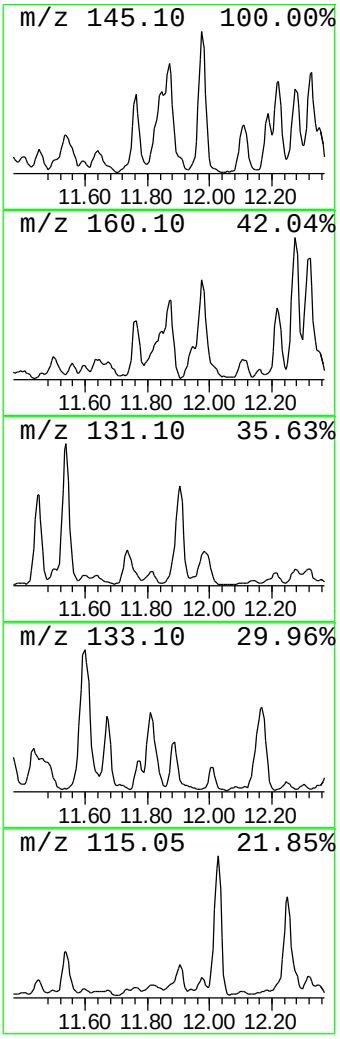
Peak Number 16 unknown-03 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	4.18 ng/ul	449051	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	45
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	41
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	41
4	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	41
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	38





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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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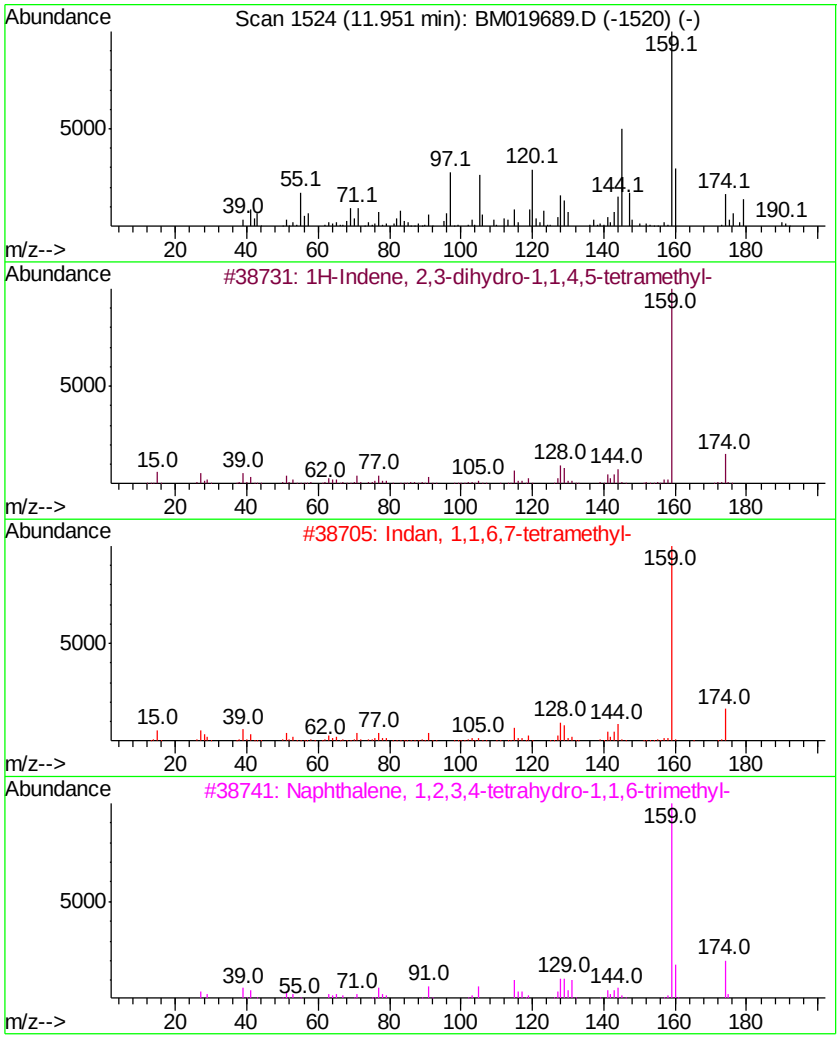
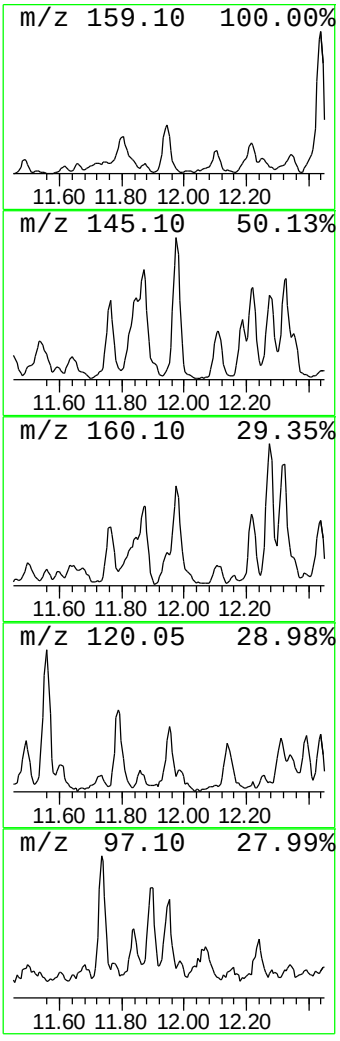
Peak Number 18 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.30 ng/ul	353724	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	91
2	Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	68
4	1H-Indene, 2,3-dihydro-1,1,4,7-t...	174	C13H18	001078-04-2	64
5	1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	64





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Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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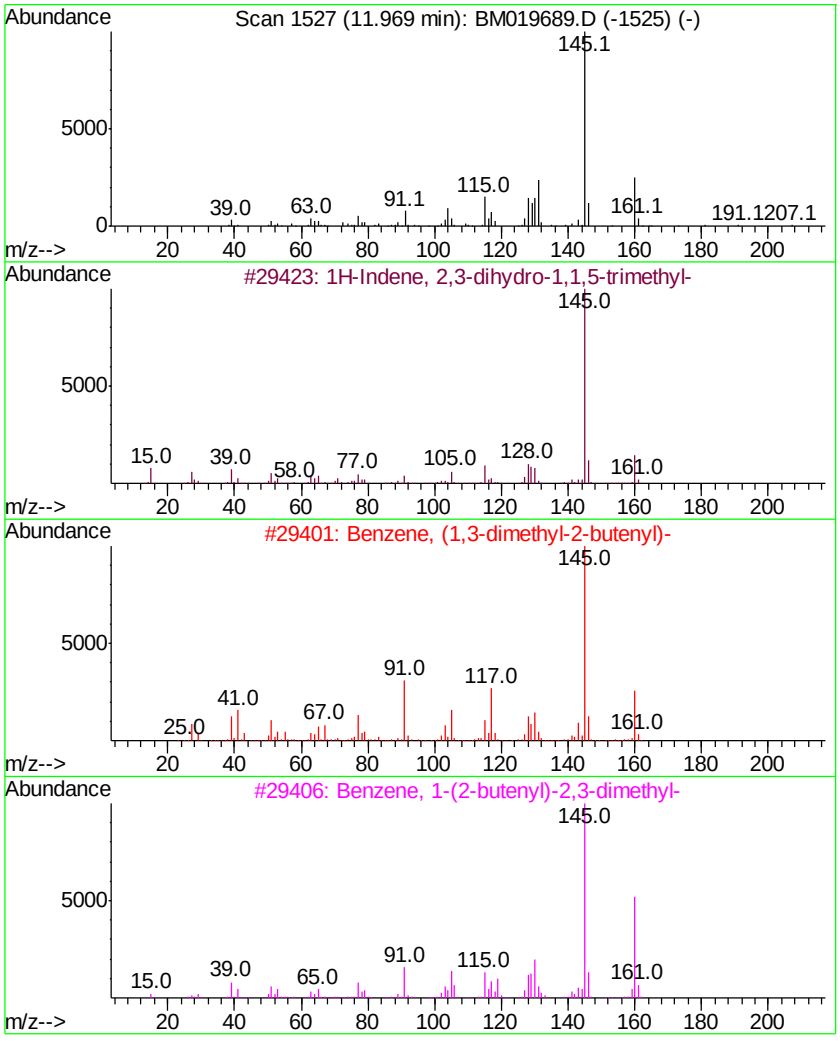
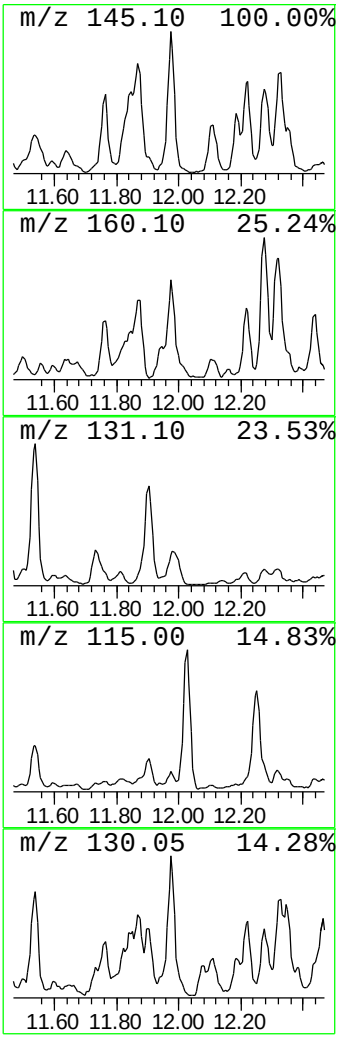
Peak Number 19 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.32 ng/ul	678616	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
2	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	87
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	83
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	83





Library Search Compound Report

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Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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Quant Title : SVOA CALIBRATION

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

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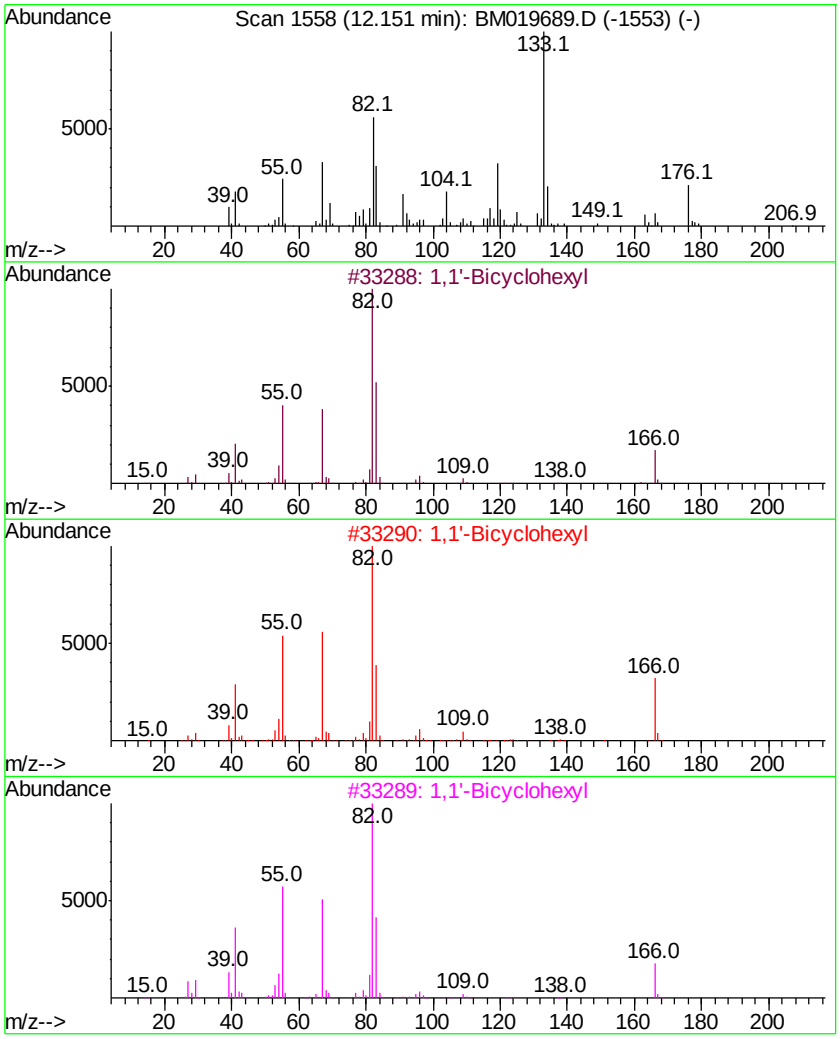
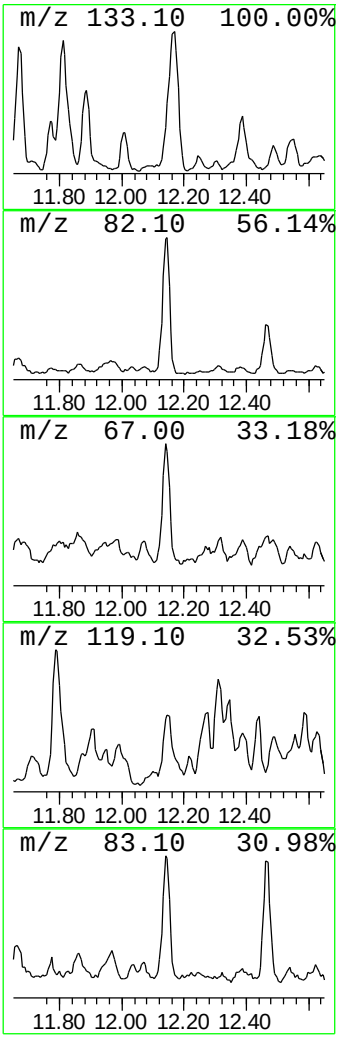
Peak Number 20 1,1'-Bicyclohexyl Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.45 ng/ul	263434	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	60
2	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	60
3	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	60
4	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	50
5	Cyclohexene,3-cyclohexyl-	164	C12H20	001808-09-9	37





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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

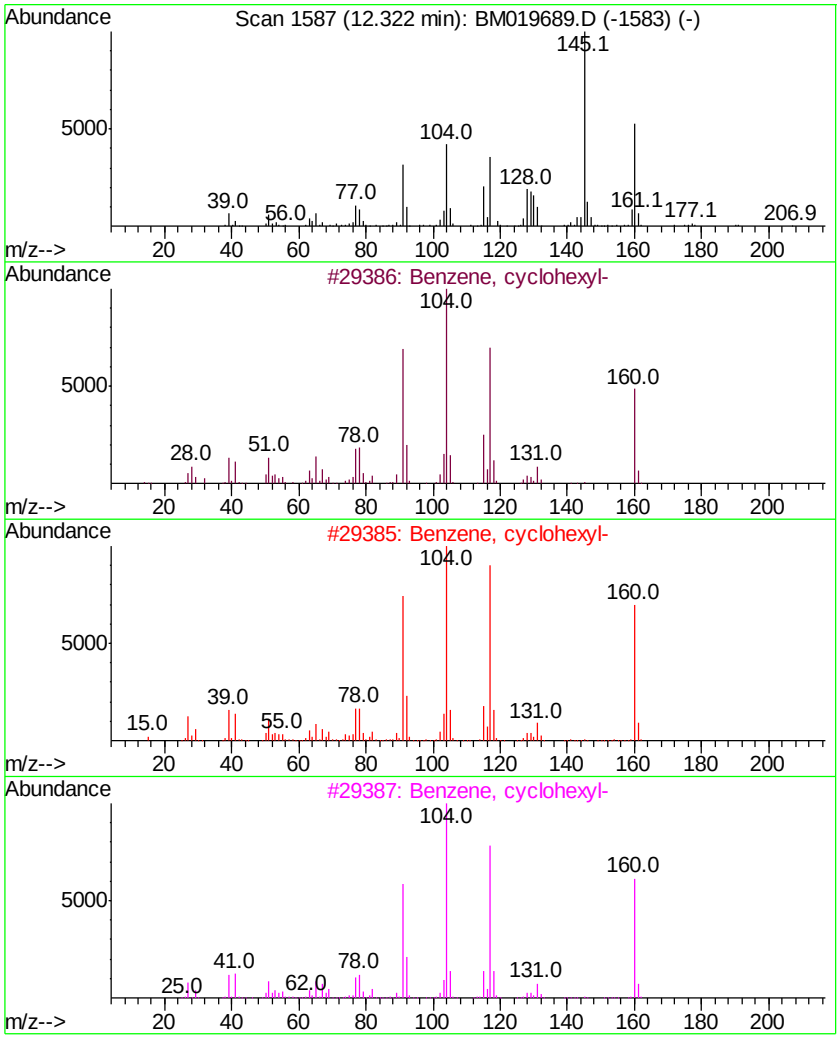
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

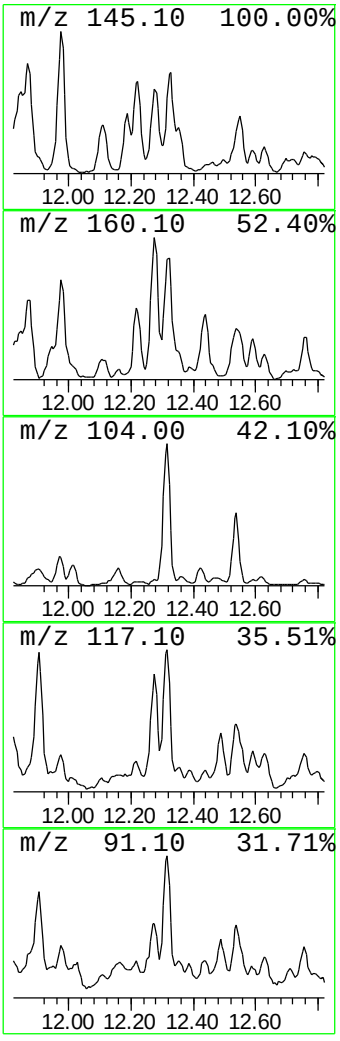
****

Peak Number 21 Benzene, cyclohexyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	4.66 ng/ul	564698	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclohexyl-	160	C12H16	000827-52-1	83
2	Benzene, cyclohexyl-	160	C12H16	000827-52-1	83
3	Benzene, cyclohexyl-	160	C12H16	000827-52-1	83
4	Benzene, cyclohexyl-	160	C12H16	000827-52-1	70
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	55





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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

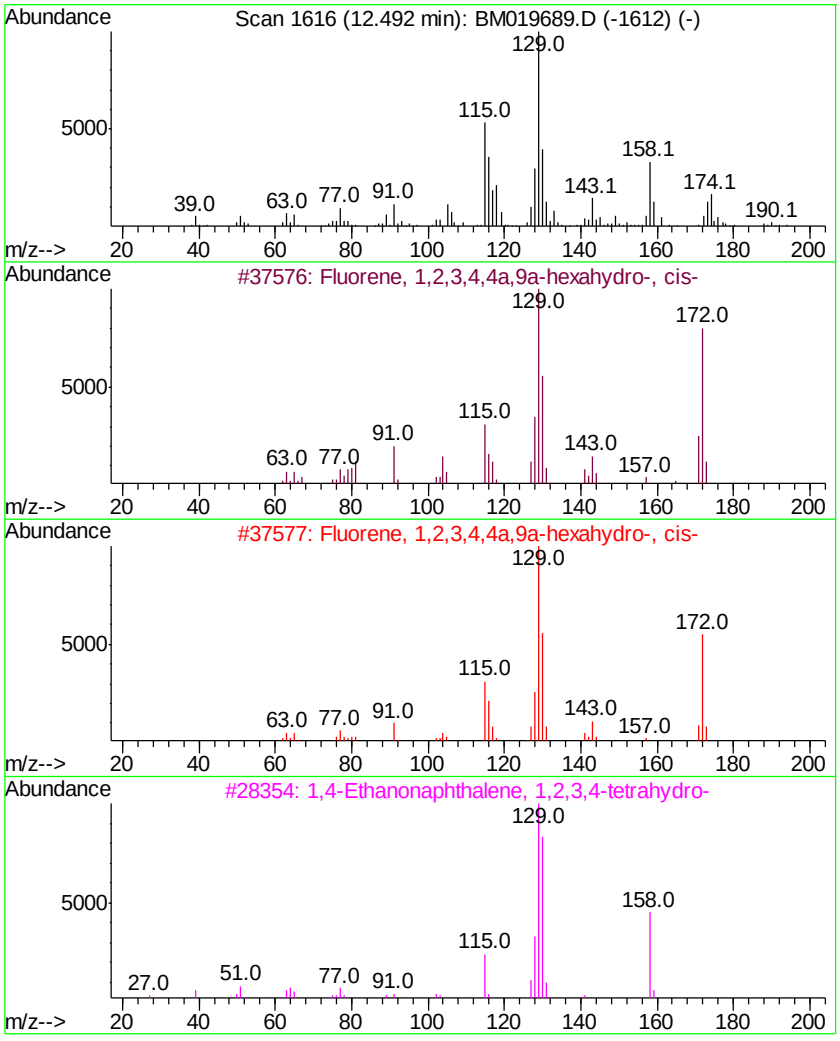
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

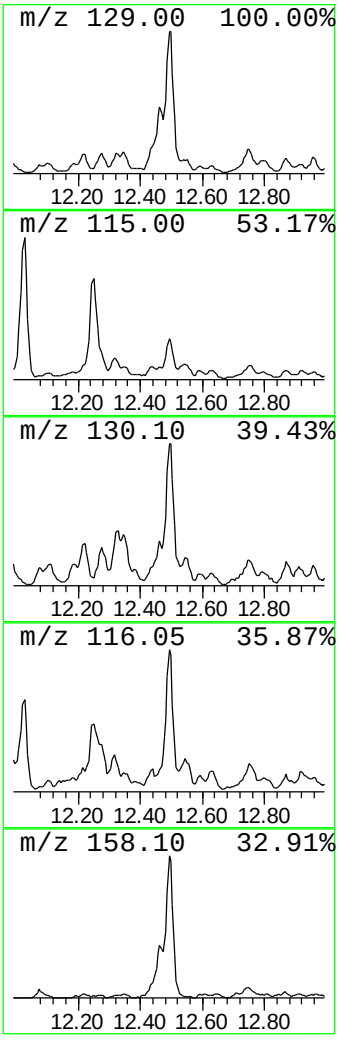
****

Peak Number 23 Fluorene, 1,2,3,4,4a,9a-hex... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	7.39 ng/ul	894704	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	52
2	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	47
3	1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	43
4	1-Phenyl-hexa-1,2-diene	158	C12H14	1000146-04-1	38
5	Benzene, 2-heptynyl-	172	C13H16	054725-17-6	38





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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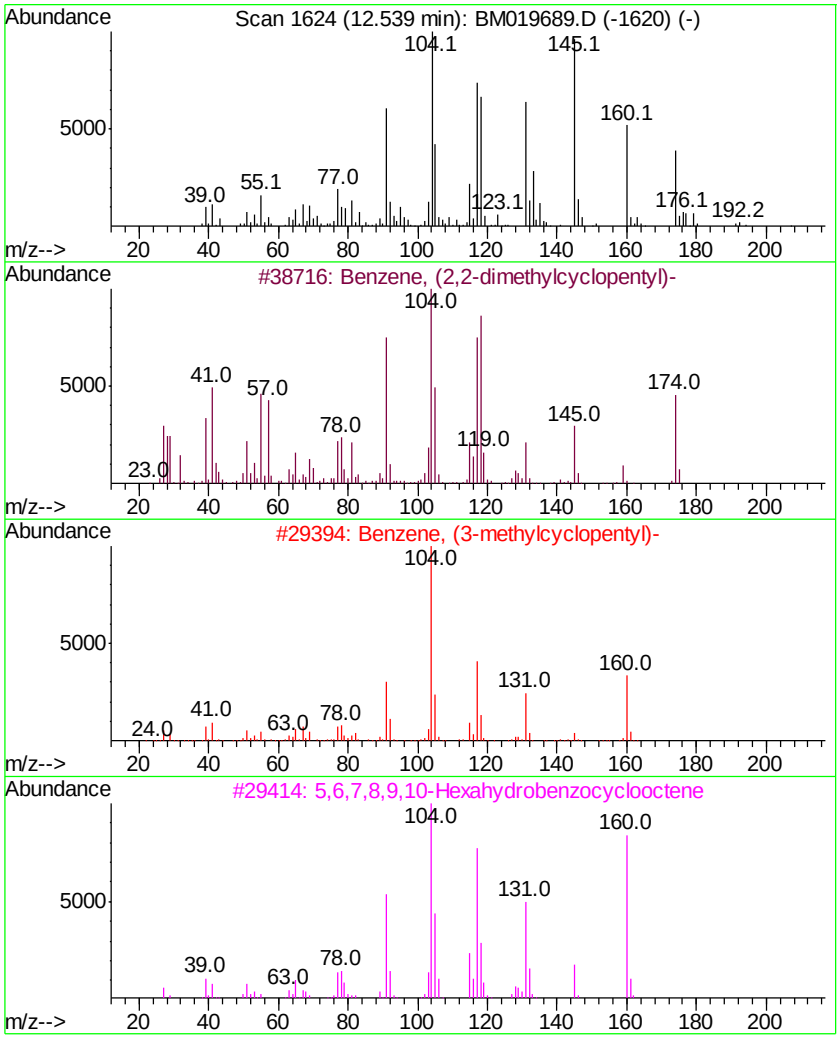
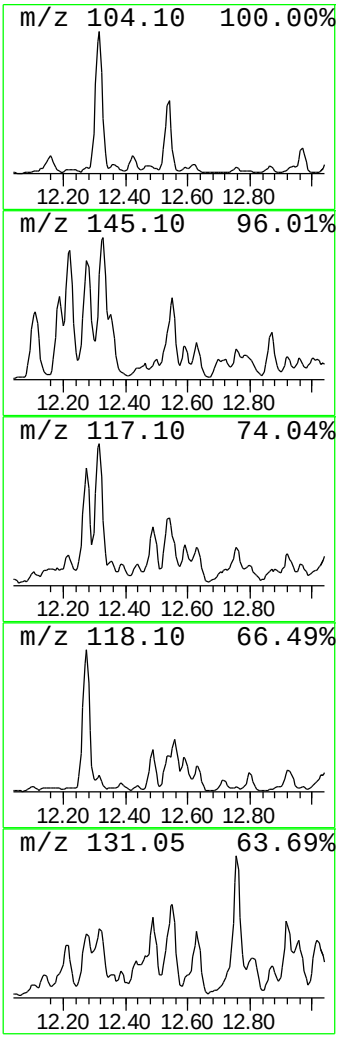
Peak Number 24 Benzene, (2,2-dimethylcyclo... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	6.09 ng/ul	737552	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2,2-dimethylcyclopentyl)-	174	C13H18	019960-99-7	53
2	Benzene, (3-methylcyclopentyl)-	160	C12H16	005078-75-1	49
3	5,6,7,8,9,10-Hexahydrobenzocyclo...	160	C12H16	001076-69-3	49
4	Benzene, (2,4-dimethylcyclopentyl)-	174	C13H18	074421-27-5	38
5	4-Phenylcyclohexanone	174	C12H14O	004894-75-1	38





Library Search Compound Report

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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

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Quant Title : SVOA CALIBRATION

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

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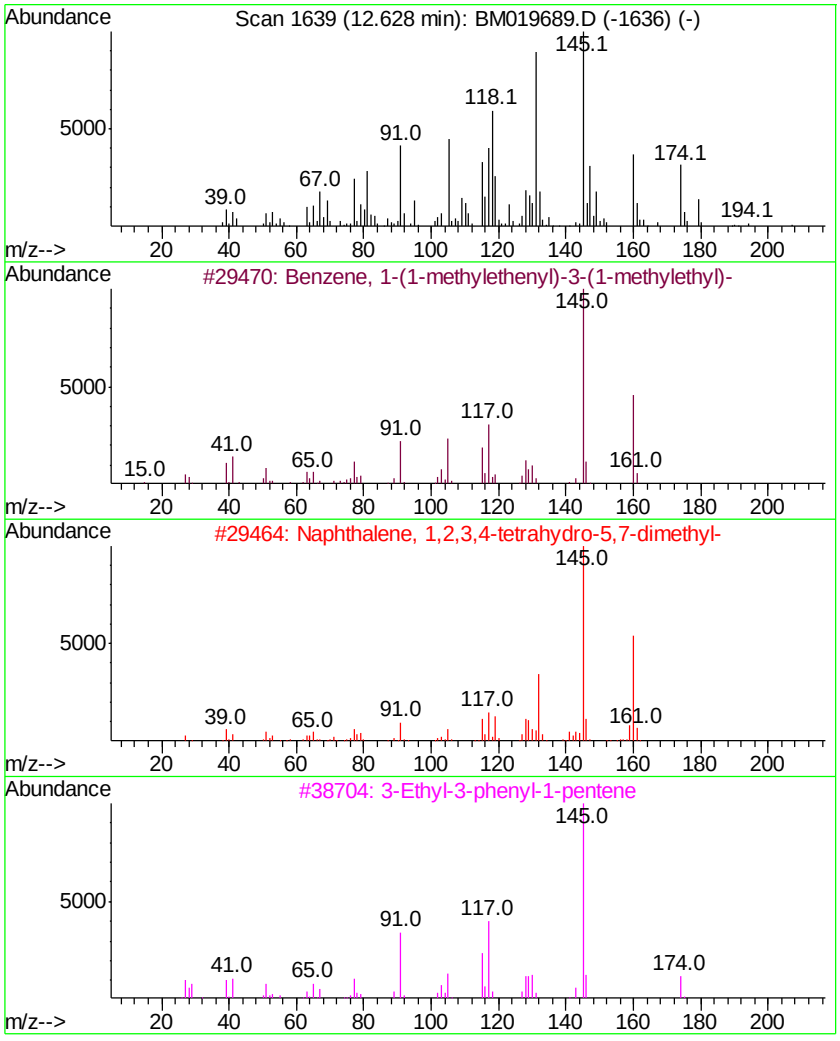
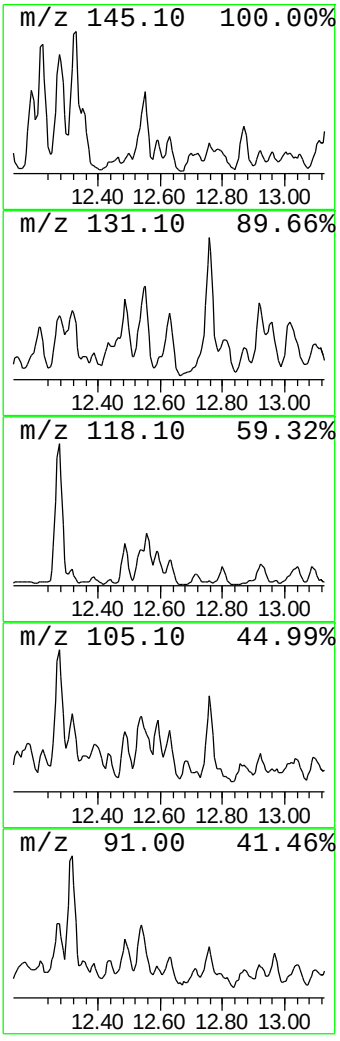
Peak Number 25 unknown-04 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.24 ng/ul	513787	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	46
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43
3	3-Ethyl-3-phenyl-1-pentene	174	C13H18	019781-34-1	42
4	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	41
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	38





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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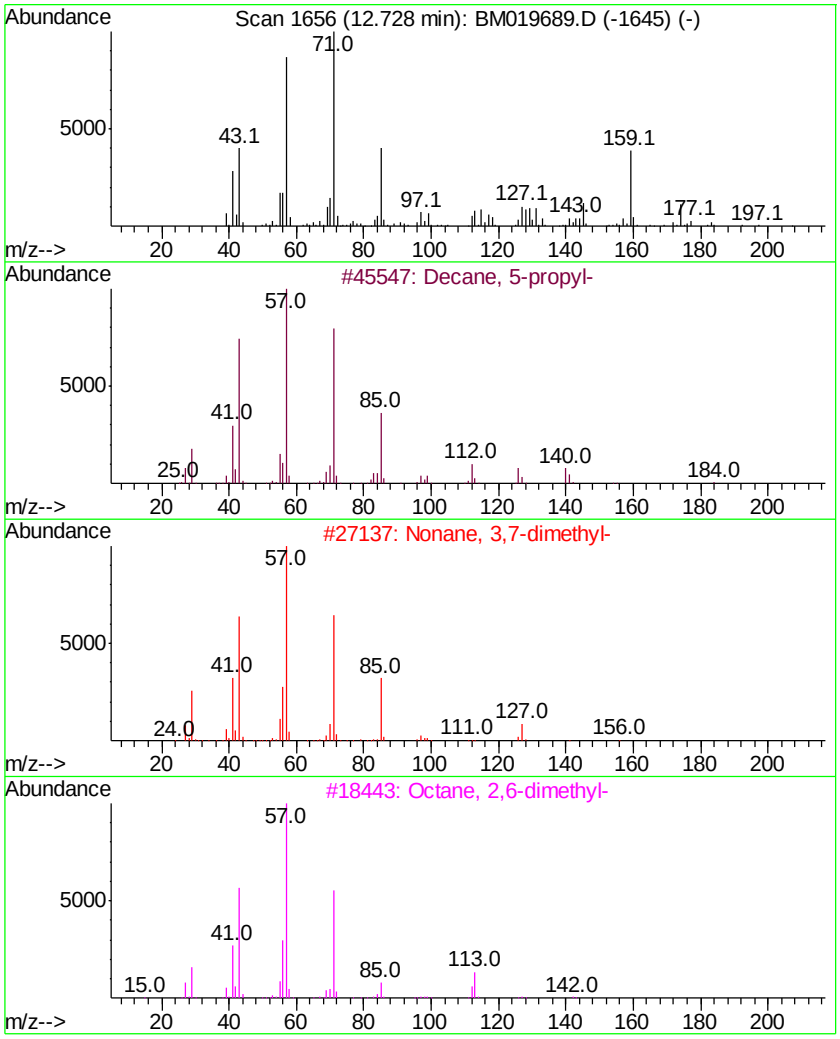
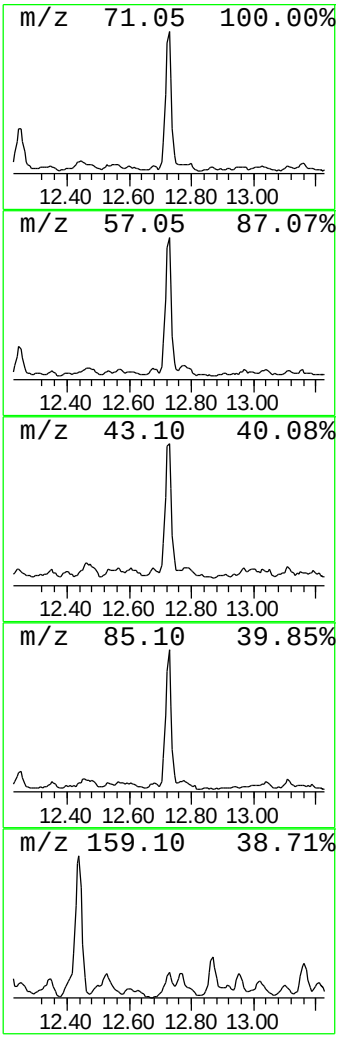
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	9.19 ng/ul	1112360	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	49
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	43
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38





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Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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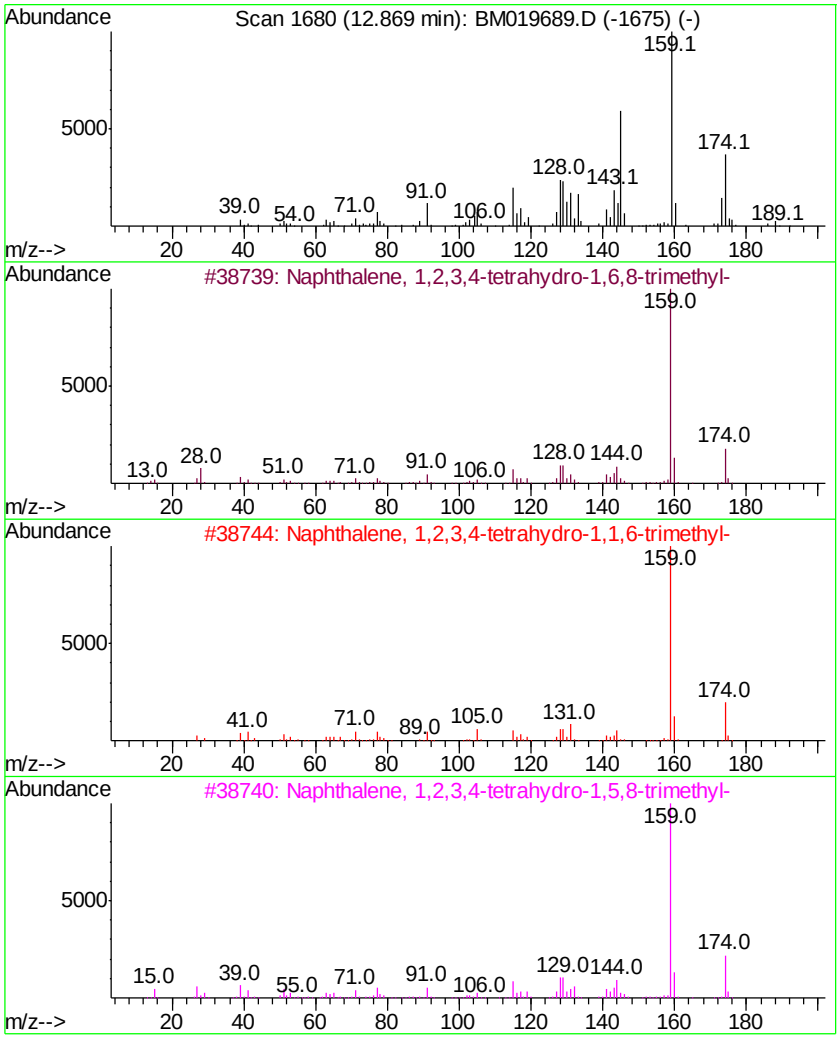
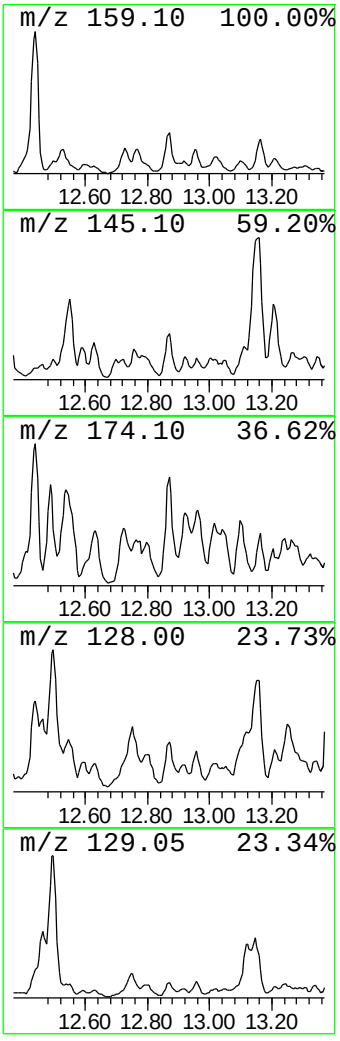
Peak Number 27 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	4.48 ng/ul	541862	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	86
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	86
5	1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	83





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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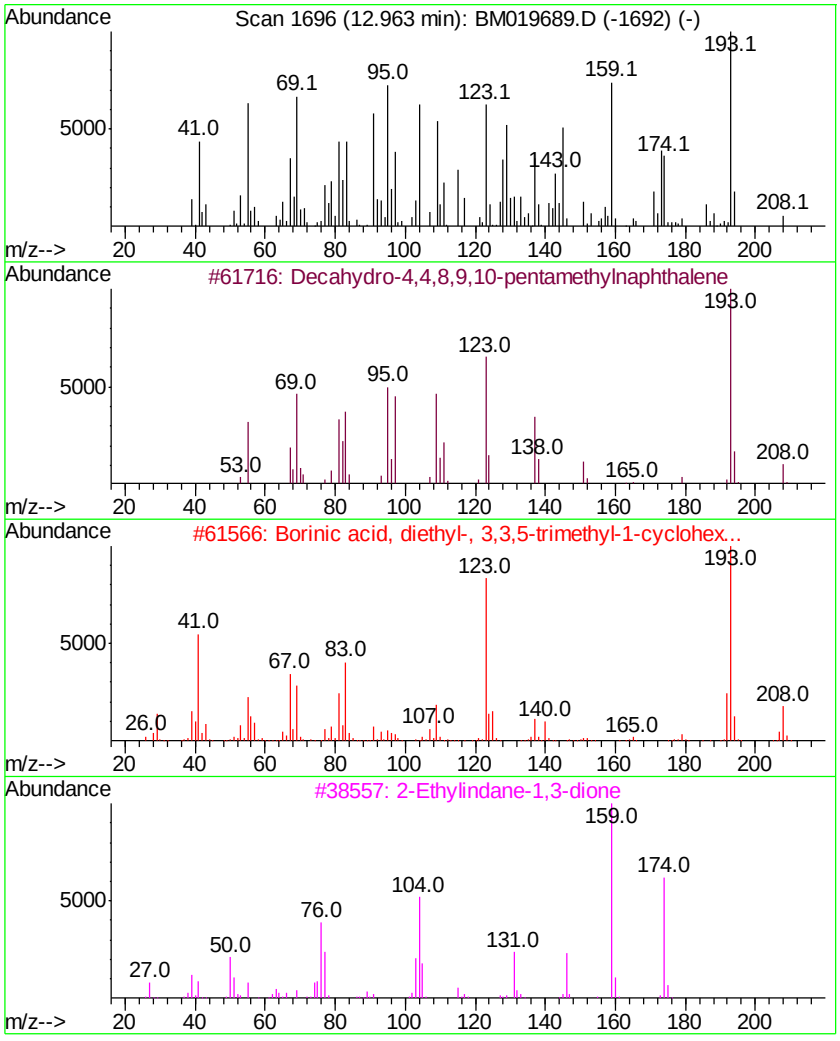
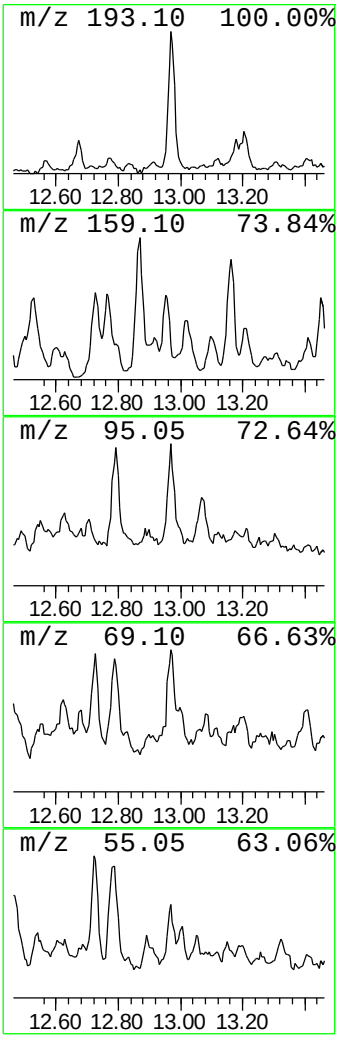
Peak Number 28 unknown-05 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.83 ng/ul	343200	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
2	Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	14
3	2-Ethylindane-1,3-dione	174	C11H10O2	027606-61-7	11
4	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	11
5	2-Anthracenamine	193	C14H11N	000613-13-8	10





Library Search Compound Report

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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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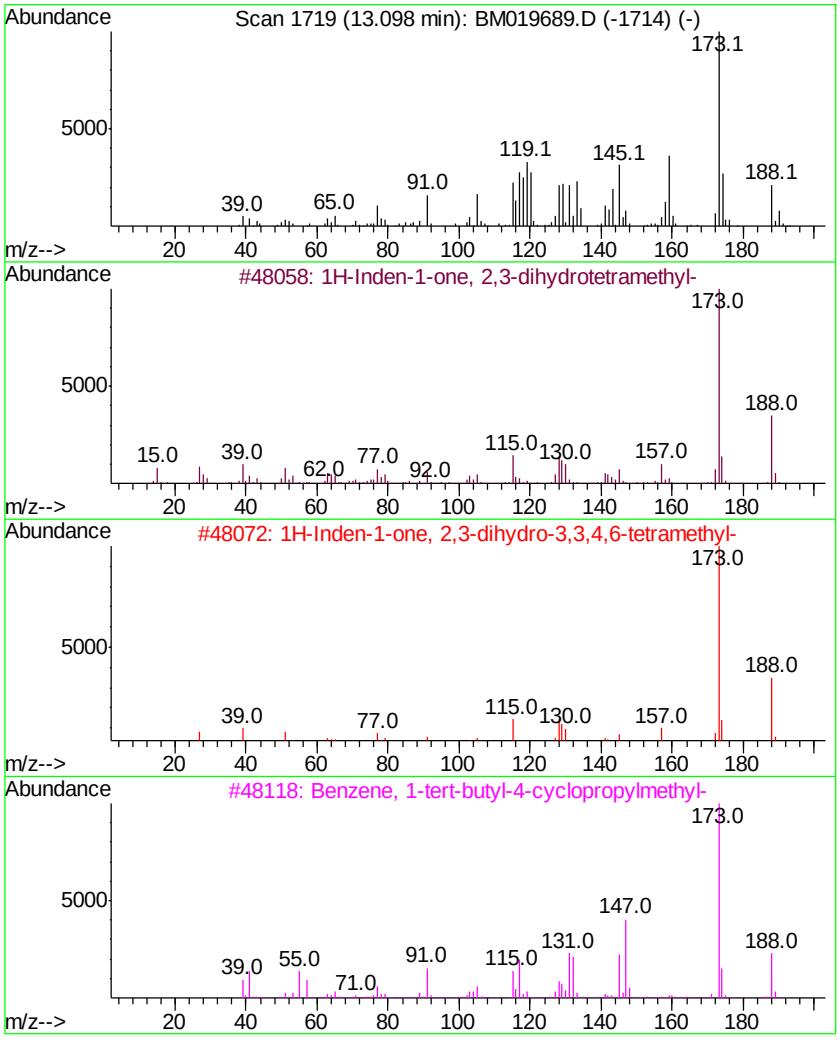
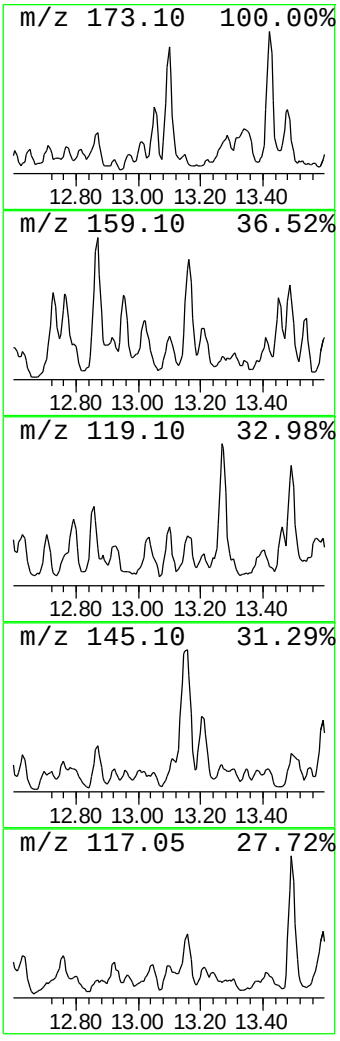
Peak Number 29 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.43 ng/ul	294416	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydrotetra...	188	C13H16O	089907-33-5	55
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	055255-42-0	55
3	Benzene, 1-tert-butyl-4-cyclopro...	188	C14H20	058249-45-9	47
4	1,3-Cyclohexadiene, 2,6,6-trimet...	188	C14H20	052260-01-2	43
5	Benzyl alcohol, .alpha.-isobutyl...	206	C14H22O	016204-64-1	40





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Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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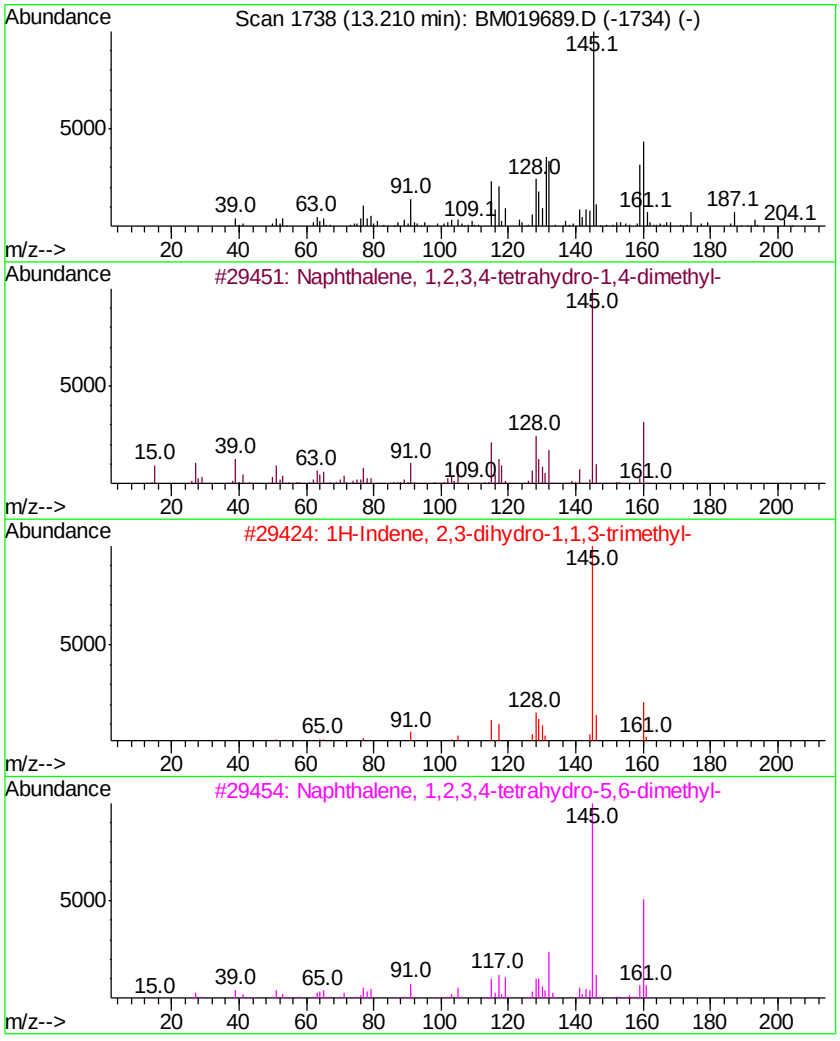
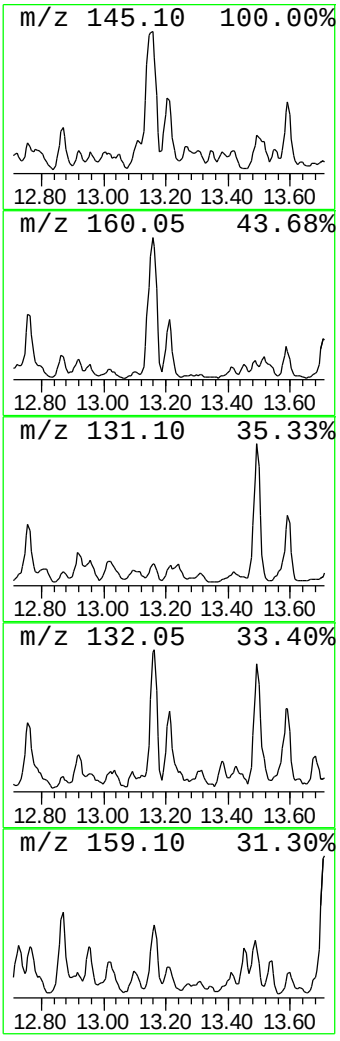
Peak Number 31 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.47 ng/ul	299399	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	74
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	74
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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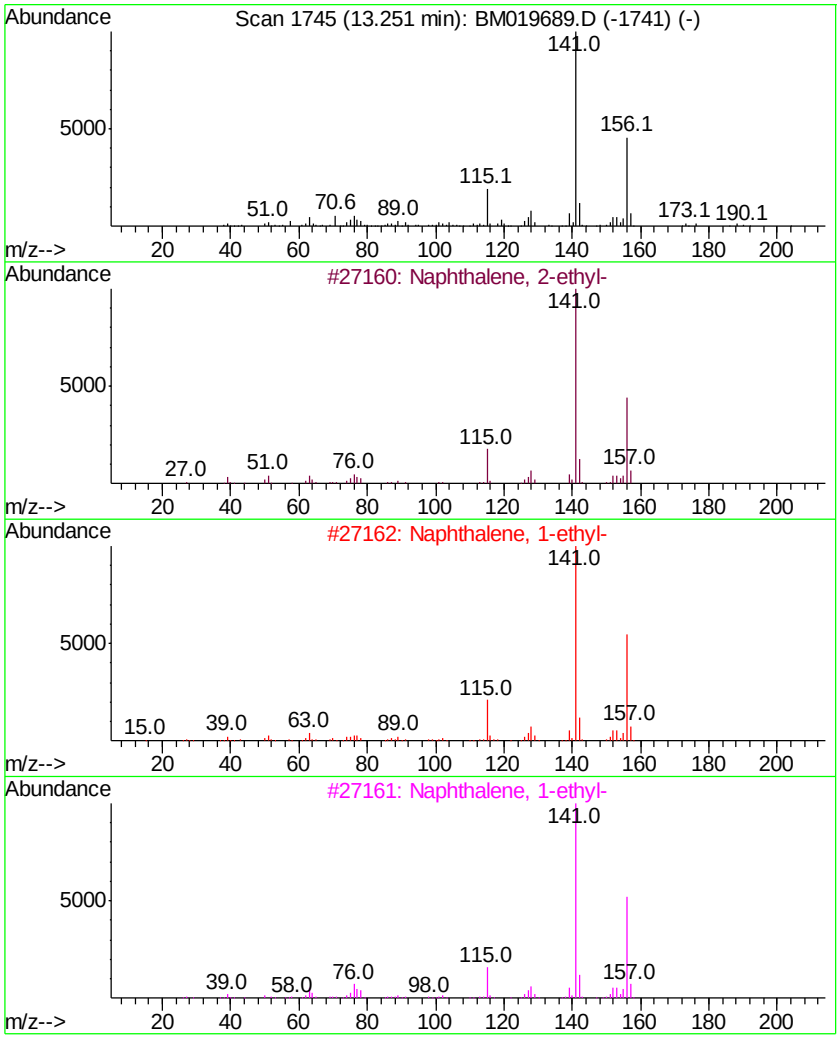
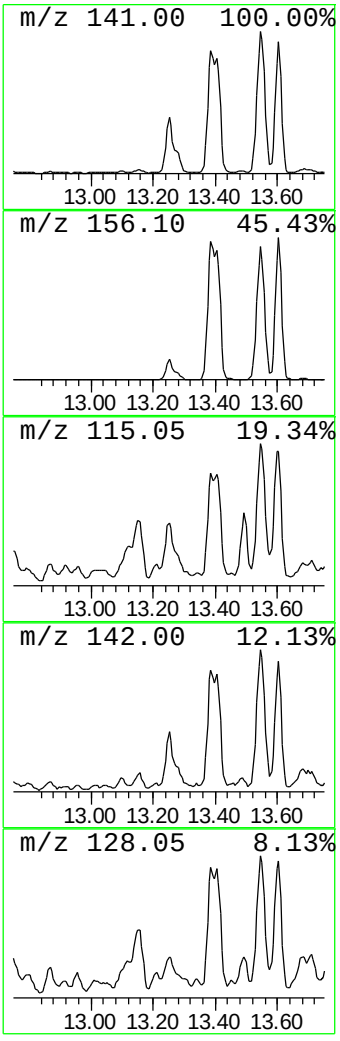
Peak Number 32 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	6.60 ng/ul	799473	Acenaphthene-d10	14.23

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	97
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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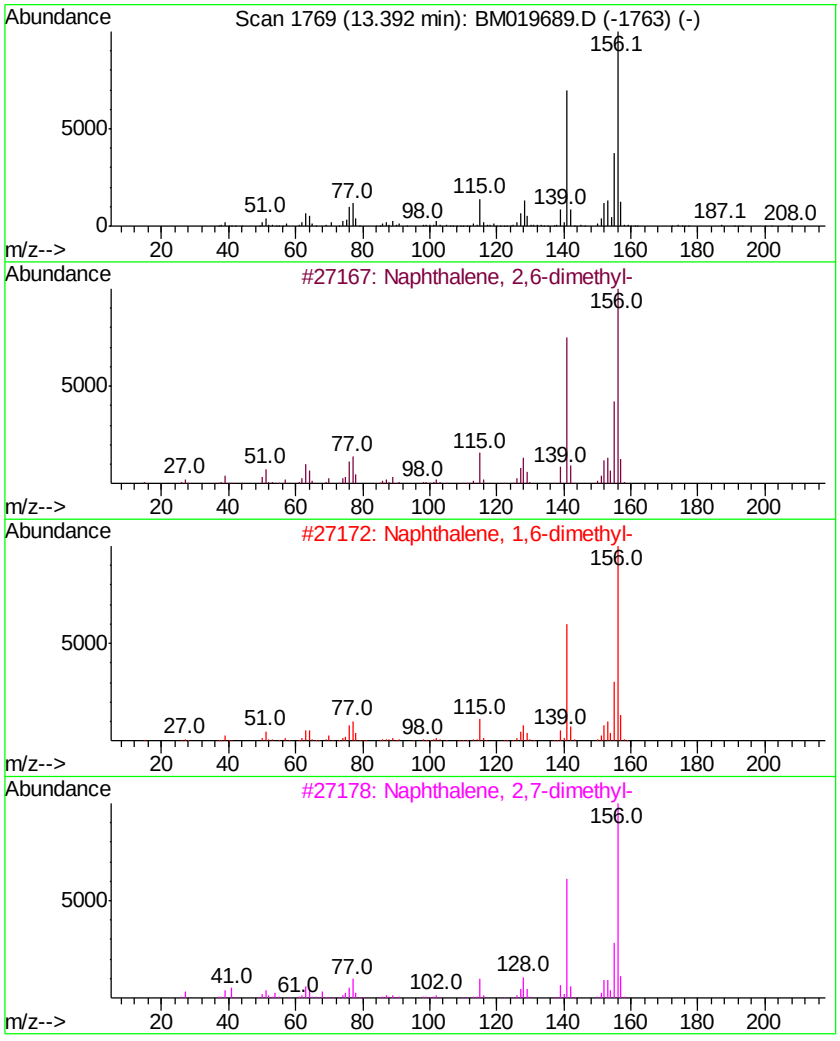
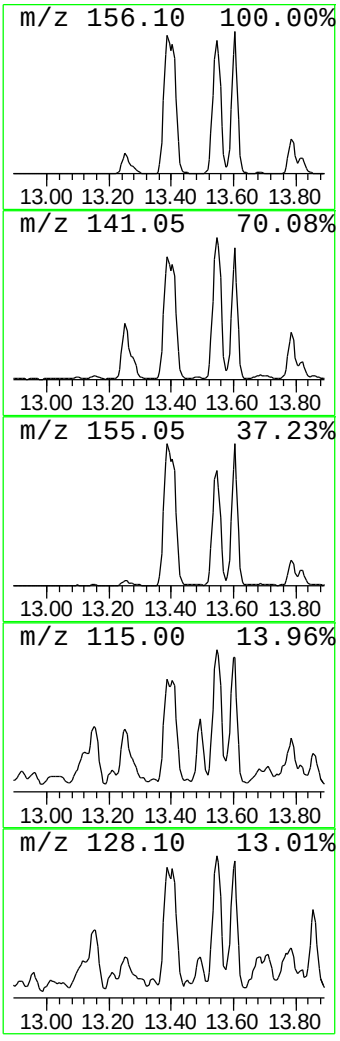
Peak Number 33 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	22.90 ng/ul	2772710	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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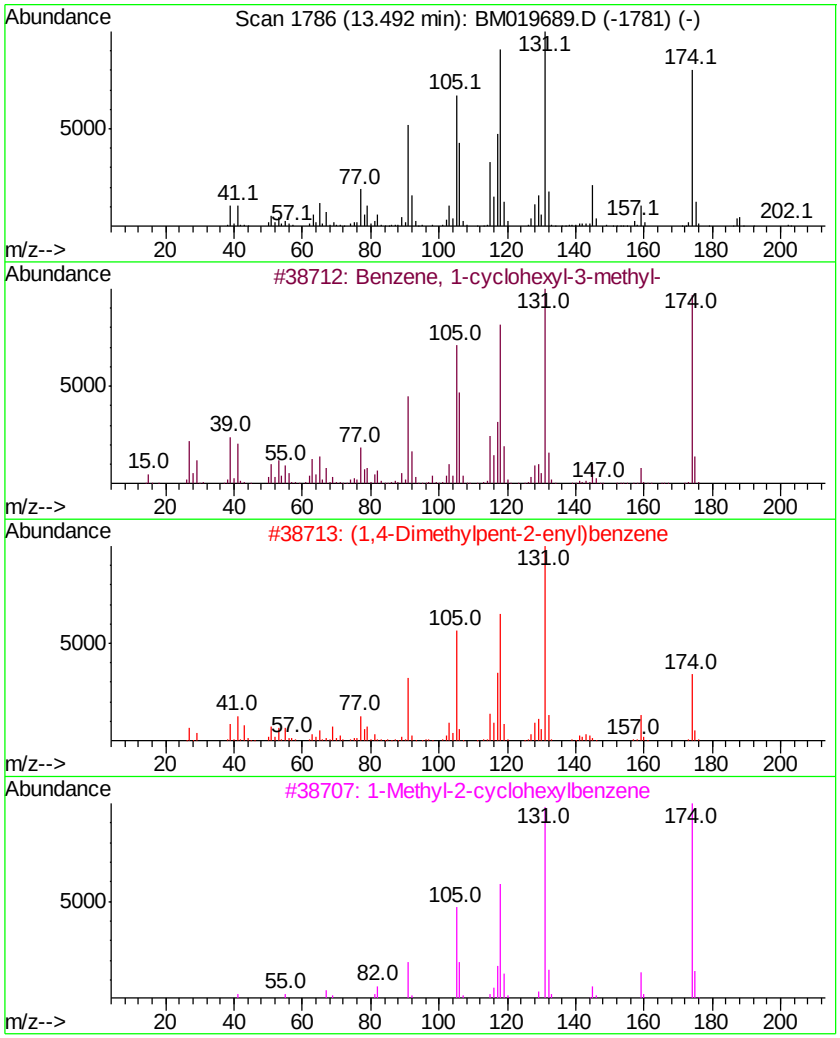
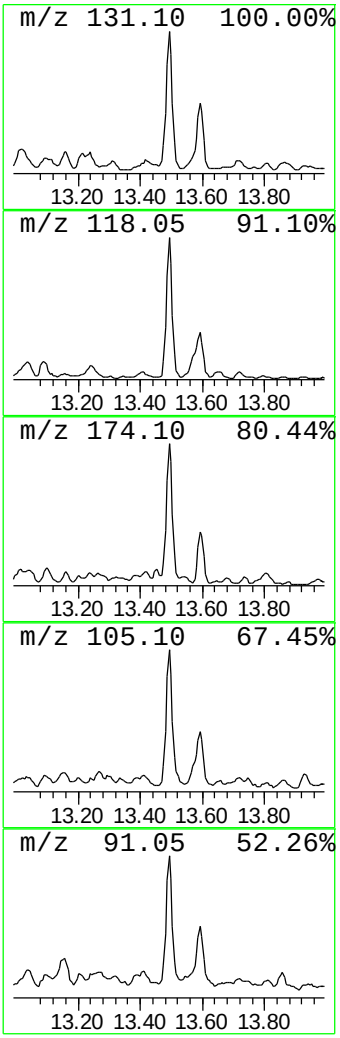
Peak Number 34 (1,4-Dimethylpent-2-enyl)be... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	10.98 ng/ul	1328930	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	93
2	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	81
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	74
4	2-Pentanone, 3-(phenylmethylene)-	174	C12H14O	003437-89-6	45
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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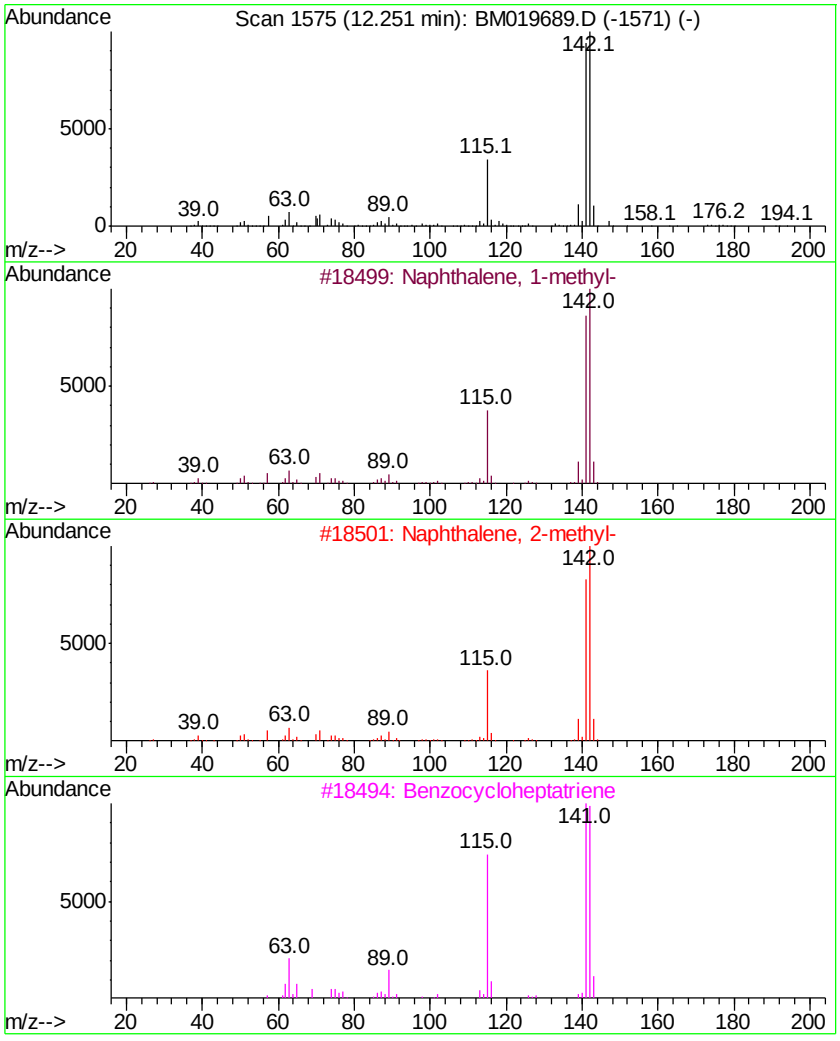
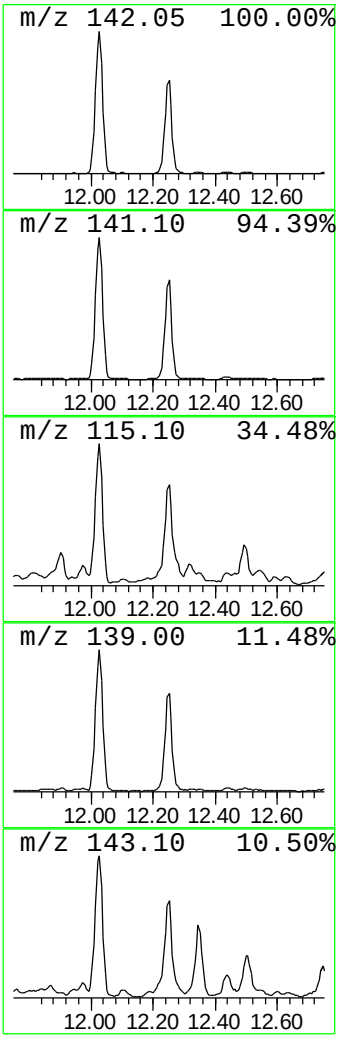
Peak Number 49 Naphthalene, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	21.52 ng/ul	2309130	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
3	Benzocycloheptatriene	142	C11H10	000264-09-5	83
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	83
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019689.D
Acq On : 02 Apr 2019 11:50
Operator : JU/SJ
Sample : K2119-19DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5B6DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 4-ethyl-...	9.75	2.5	ng/ul	262700	2	10.35	2146460	20.0
unknown-01	10.22	2.1	ng/ul	222183	2	10.35	2146460	20.0
1H-Indene, 2,3-di...	10.64	6.1	ng/ul	655308	2	10.35	2146460	20.0
Benzene, 1,4-dime...	10.77	2.6	ng/ul	277197	2	10.35	2146460	20.0
Naphthalene, 1,2,...	10.80	3.7	ng/ul	397899	2	10.35	2146460	20.0
(DEL) Alkane: Cyc...	11.02	3.8	ng/ul	411133	2	10.35	2146460	20.0
Benzene, 1-(2-but...	11.12	3.5	ng/ul	378906	2	10.35	2146460	20.0
Bicyclo[4.2.0]oct...	11.24	6.1	ng/ul	653751	2	10.35	2146460	20.0
(DEL) Alkane: Str...	11.34	6.2	ng/ul	662586	2	10.35	2146460	20.0
1H-Indene, 2,3-di...	11.45	5.5	ng/ul	589972	2	10.35	2146460	20.0
Naphthalene, 1,2,...	11.54	18.6	ng/ul	1997470	2	10.35	2146460	20.0
Benzene, 1,3,5-tr...	11.60	3.0	ng/ul	322075	2	10.35	2146460	20.0
1H-Indene, 2,3-di...	11.76	3.6	ng/ul	383960	2	10.35	2146460	20.0
unknown-02	11.81	9.7	ng/ul	1040770	2	10.35	2146460	20.0
unknown-03	11.87	4.2	ng/ul	449051	2	10.35	2146460	20.0
1H-Indene, 2,3-di...	11.95	3.3	ng/ul	353724	2	10.35	2146460	20.0
1H-Indene, 2,3-di...	11.97	6.3	ng/ul	678616	2	10.35	2146460	20.0
1,1'-Bicyclohexyl	12.15	2.5	ng/ul	263434	2	10.35	2146460	20.0
Benzene, cyclohexyl-	12.32	4.7	ng/ul	564698	3	14.23	2421540	20.0
Fluorene, 1,2,3,4...	12.49	7.4	ng/ul	894704	3	14.23	2421540	20.0
Benzene, (2,2-dim...	12.54	6.1	ng/ul	737552	3	14.23	2421540	20.0
unknown-04	12.63	4.2	ng/ul	513787	3	14.23	2421540	20.0
(DEL) Alkane: Str...	12.73	9.2	ng/ul	1112360	3	14.23	2421540	20.0
Naphthalene, 1,2,...	12.87	4.5	ng/ul	541862	3	14.23	2421540	20.0
unknown-05	12.96	2.8	ng/ul	343200	3	14.23	2421540	20.0
1H-Inden-1-one, 2...	13.10	2.4	ng/ul	294416	3	14.23	2421540	20.0
Benzene, 1,3,5-tr...	13.21	2.5	ng/ul	299399	3	14.23	2421540	20.0
Naphthalene, 2-et...	13.25	6.6	ng/ul	799473	3	14.23	2421540	20.0
Naphthalene, 2,6-...	13.39	22.9	ng/ul	2772710	3	14.23	2421540	20.0
(1,4-Dimethylpent...	13.49	11.0	ng/ul	1328930	3	14.23	2421540	20.0
Naphthalene, 1-me...	12.25	21.5	ng/ul	2309130	2	10.35	2146460	20.0