LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	17	23	31	rBV	218958	412543	11.32%	1.212%
2	3.293	31	35	50	rVB	162308	248107	6.81%	0.729%
3	5.714	440	447	458	rBV	404375	663317	18.20%	1.948%
4	7.311	711	719	731	rBV2	279650	515214	14.14%	1.513%
5	7.693	776	784	792	rBV	792377	1357075	37.23%	3.986%
6	8.169	858	865	879	rBV	186895	332112	9.11%	0.976%
7	8.492	912	920	926	rBV	762563	1343748	36.87%	3.947%
8	8.645	938	946	952	rBV	63710	103885	2.85%	0.305%
9	9.273	1048	1053	1058	rVB2	48564	78749	2.16%	0.231%
10	9.344	1058	1065	1075	rBV2	781397	1437632	39.44%	4.223%
11	9.491	1083	1090	1097	rBV3	28847	66086	1.81%	0.194%
12	10.043	1176	1184	1191	rVB	35961	62792	1.72%	0.184%
13	10.155	1197	1203	1209	rBV2	102270	174188	4.78%	0.512%
14	10.219	1209	1214	1217	rBV2	41090	73883	2.03%	0.217%
15	10.542	1259	1269	1274	rBV4	31364	67510	1.85%	0.198%
16	10.660	1284	1289	1295	rVB	49304	82940	2.28%	0.244%
17	10.842	1311	1320	1324	rBV4	30712	69362	1.90%	0.204%
18	10.889	1324	1328	1330	rBV2	40354	59607	1.64%	0.175%
19	10.924	1330	1334	1335	rBV	91136	112166	3.08%	0.329%
20	10.989	1341	1345	1349	rBV	185116	273244	7.50%	0.803%
21	11.030	1349	1352	1356	rVB3	113069	163600	4.49%	0.481%
22	11.083	1356	1361	1369	rVB	231000	418588	11.48%	1.230%
23	11.177	1369	1377	1384	rVB3	74360	169055	4.64%	0.497%
24	11.277	1384	1394	1400	rBV2	25724	55493	1.52%	0.163%
25	11.447	1417	1423	1430	rVB	324102	569846	15.63%	1.674%
26	11.559	1435	1442	1450	rBV	222848	405535	11.13%	1.191%
27	11.635	1450	1455	1460	rBV3	51268	102291	2.81%	0.300%
28	11.747	1468	1474	1479	rBV3	36107	67316	1.85%	0.198%
29	11.882	1490	1497	1504	rBV	126327	236795	6.50%	0.696%
30	11.993	1508	1516	1522	rBV4	37946	91080	2.50%	0.268%
31	12.093	1526	1533	1538	rVV7	42237	110236	3.02%	0.324%
32	12.164	1538	1545	1552	rVV	646825	1164725	31.96%	3.421%
33	12.252	1556	1560	1564	rVV2	47880	90889	2.49%	0.267%
34	12.352	1572	1577	1584	rVV2	78006	184758	5.07%	0.543%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.446	1584	1593	1598	rVV2	90358	239309	6.57%	0.703%
36	12.522	1602	1606	1612	rVV5	33531	76556	2.10%	0.225%
37	12.581	1612	1616	1624	rVB3	44530	82092	2.25%	0.241%
38	12.816	1651	1656	1659	rBV	45016	66072	1.81%	0.194%
39	12.869	1659	1665	1670	rVV2	267311	481869	13.22%	1.415%
40	12.916	1670	1673	1676	rVV2	98810	156076	4.28%	0.458%
41	12.945	1676	1678	1684	rVB	94415	115730	3.18%	0.340%
42	13.045	1684	1695	1699	rBV6	46638	133511	3.66%	0.392%
43	13.115	1704	1707	1713	rVB	80306	131151	3.60%	0.385%
44	13.174	1713	1717	1722	rBV2	65797	94043	2.58%	0.276%
45	13.280	1729	1735	1739	rBV2	65203	112065	3.07%	0.329%
46	13.338	1741	1745	1749	rVV	85917	136787	3.75%	0.402%
47	13.415	1749	1758	1766	rVV	1887408	3002680	82.38%	8.820%
48	13.626	1788	1794	1805	rBV2	184422	325540	8.93%	0.956%
49	13.726	1805	1811	1816	rVV2	115715	199093	5.46%	0.585%
50	13.785	1816	1821	1827	rVV3	69498	140900	3.87%	0.414%
51	13.844	1827	1831	1839	rVB2	86518	163797	4.49%	0.481%
52	13.973	1850	1853	1861	rVB6	33591	56216	1.54%	0.165%
53	14.096	1870	1874	1878	rBV5	34714	61609	1.69%	0.181%
54	14.143	1880	1882	1887	rVB4	43593	66032	1.81%	0.194%
55	14.231	1893	1897	1902	rBV2	72519	107114	2.94%	0.315%
56	14.284	1902	1906	1910	rVV5	29821	54393	1.49%	0.160%
57	14.343	1911	1916	1926	rVB7	46855	131312	3.60%	0.386%
58	14.537	1940	1949	1954	rVB4	39654	91569	2.51%	0.269%
59	14.789	1980	1992	1999	rBV3	609443	1147419	31.48%	3.370%
60	14.860	1999	2004	2009	rVV3	46794	76427	2.10%	0.224%
61	14.948	2015	2019	2023	rBV5	37592	66707	1.83%	0.196%
62	15.095	2034	2044	2048	rBV4	63555	135755	3.72%	0.399%
63	15.183	2054	2059	2065	rVV	120554	206531	5.67%	0.607%
64	15.248	2066	2070	2078	rVB4	48283	90848	2.49%	0.267%
65	15.389	2088	2094	2102	rBV2	115591	205086	5.63%	0.602%
66	15.512	2108	2115	2123	rBV4	68452	164774	4.52%	0.484%
67	15.612	2125	2132	2138	rVV9	48362	105077	2.88%	0.309%
68	15.700	2143	2147	2150	rVV4	58383	100515	2.76%	0.295%
69	15.741	2150	2154	2158	rVB	100078	136884	3.76%	0.402%
70	15.835	2164	2170	2179	rBV	290115	528158	14.49%	1.551%
71	15.958	2183	2191	2194	rBV	272763	455862	12.51%	1.339%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG012919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.994	2194	2197	2205	rVB	246155	374081	10.26%	1.099%
73	16.094	2208	2214	2225	rBV3	344821	721911	19.81%	2.120%
74	16.276	2235	2245	2255	rVB	1272330	2124880	58.30%	6.241%
75	16.364	2256	2260	2267	rVB7	43077	97922	2.69%	0.288%
76	16.464	2268	2277	2280	rBV7	40758	111609	3.06%	0.328%
77	16.599	2295	2300	2305	rBV7	23892	57266	1.57%	0.168%
78	16.810	2329	2336	2338	rBV3	96714	207083	5.68%	0.608%
79	16.881	2343	2348	2361	rVV3	201762	474059	13.01%	1.392%
80	16.981	2361	2365	2370	rVV6	61847	103636	2.84%	0.304%
81	17.110	2380	2387	2393	rVB10	40883	107862	2.96%	0.317%
82	17.351	2422	2428	2433	rVB2	74872	140729	3.86%	0.413%
83	17.533	2453	2459	2471	rVB	565105	919785	25.24%	2.702%
84	17.733	2489	2493	2501	rVB2	65675	142729	3.92%	0.419%
85	17.985	2532	2536	2544	rVB5	31537	59545	1.63%	0.175%
86	18.073	2547	2551	2554	rBV2	42522	61657	1.69%	0.181%
87	18.161	2561	2566	2571	rBV	136124	210641	5.78%	0.619%
88	18.314	2589	2592	2599	rVB4	40539	76324	2.09%	0.224%
89	18.385	2600	2604	2617	rBV4	115831	261304	7.17%	0.768%
90	18.819	2674	2678	2685	rVB	80423	133214	3.65%	0.391%
91	19.043	2708	2716	2722	rBV	149014	295119	8.10%	0.867%
92	19.101	2722	2726	2736	rVB	136315	200435	5.50%	0.589%
93	19.289	2754	2758	2768	rVB3	35546	72418	1.99%	0.213%
94	20.123	2894	2900	2909	rBV	2629124	3644802	100.00%	10.706%
95	21.416	3116	3120	3130	rVB2	107422	166513	4.57%	0.489%
96	21.821	3183	3189	3197	rVB2	559934	962302	26.40%	2.827%
97	22.597	3317	3321	3327	rVB2	41441	68873	1.89%	0.202%
98	23.319	3439	3444	3453	rVB2	59865	121366	3.33%	0.356%
99	24.159	3581	3587	3594	rVB2	52230	110367	3.03%	0.324%
100	25.199	3750	3764	3778	rVB2	297761	1006279	27.61%	2.956%

Sum of corrected areas: 34044637

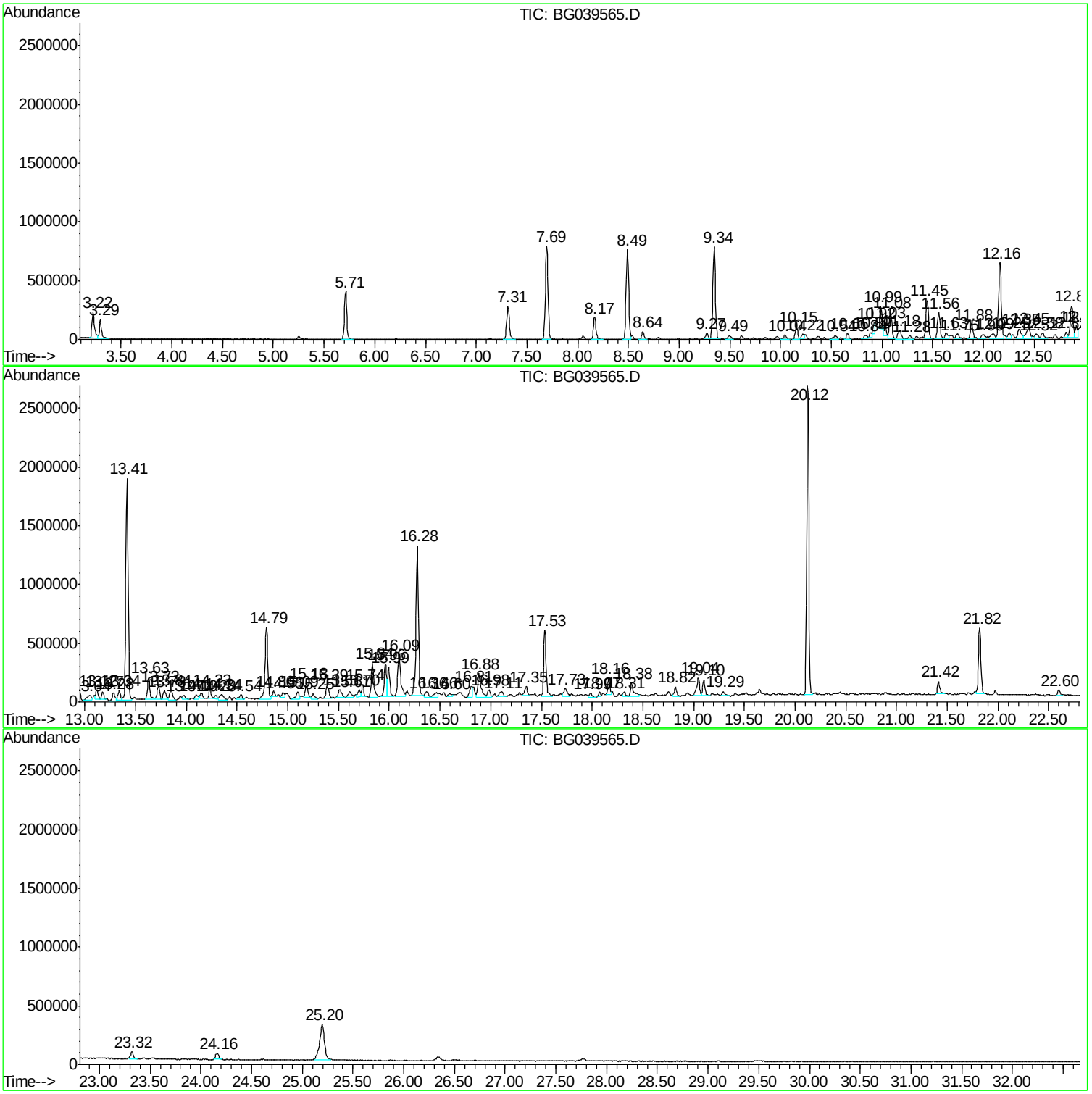
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

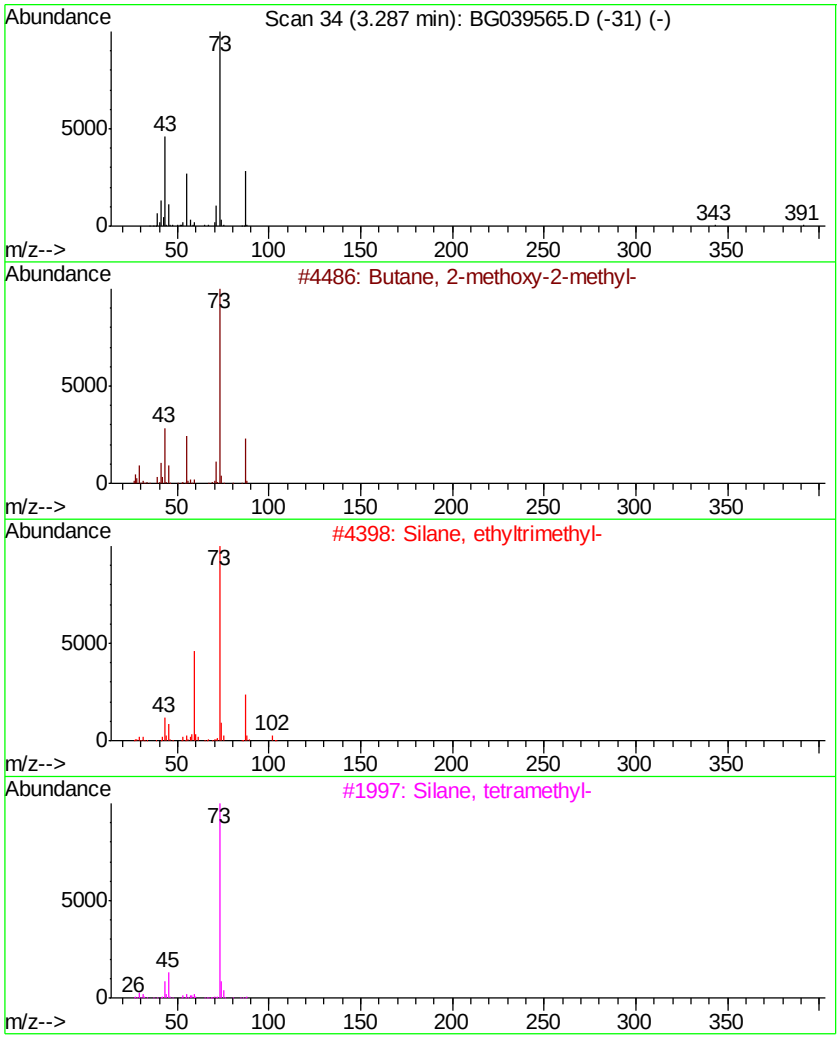
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

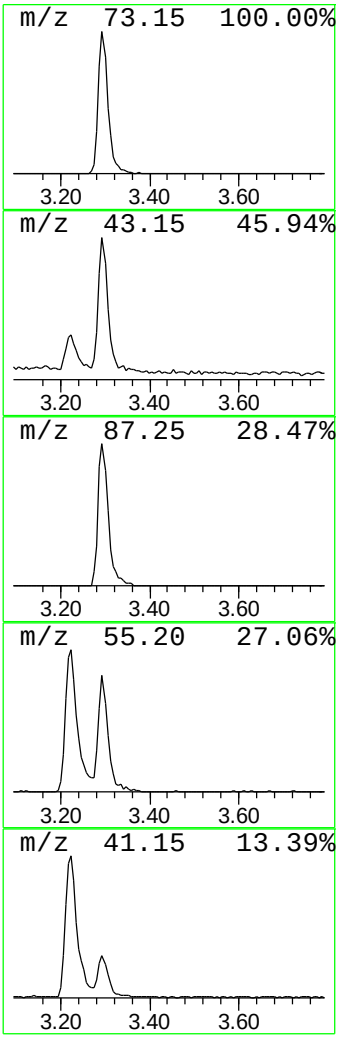
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	14.94 ng	248107	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

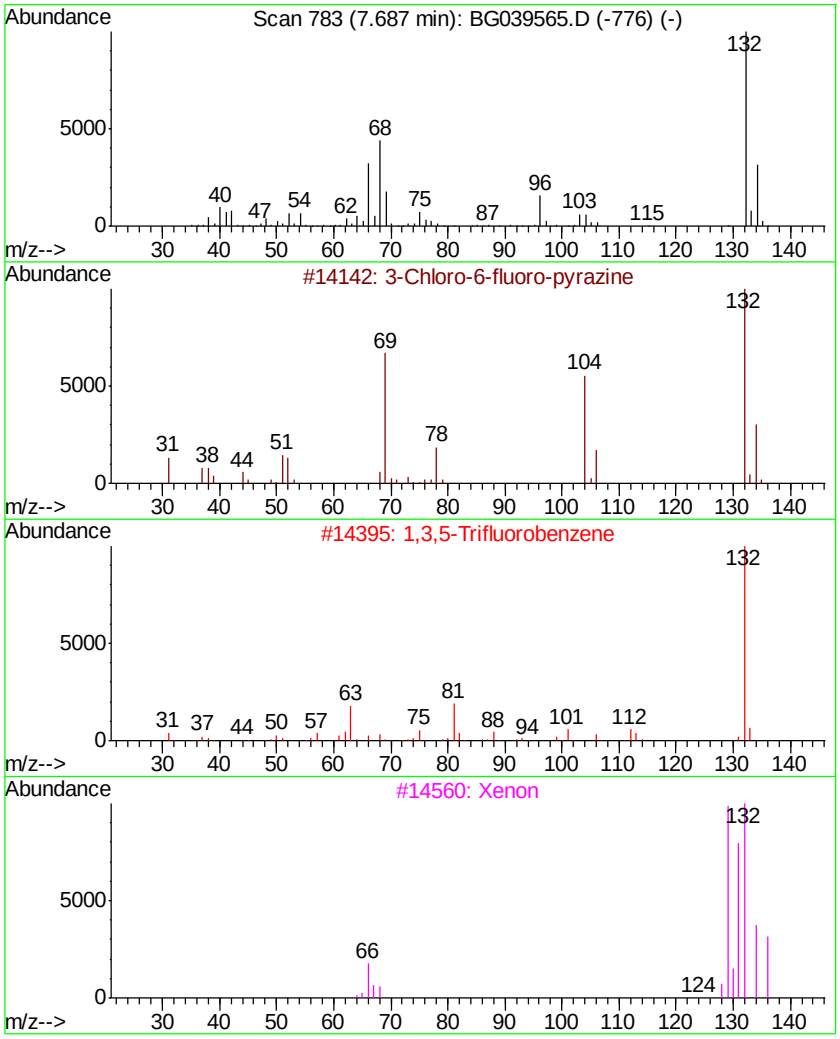
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

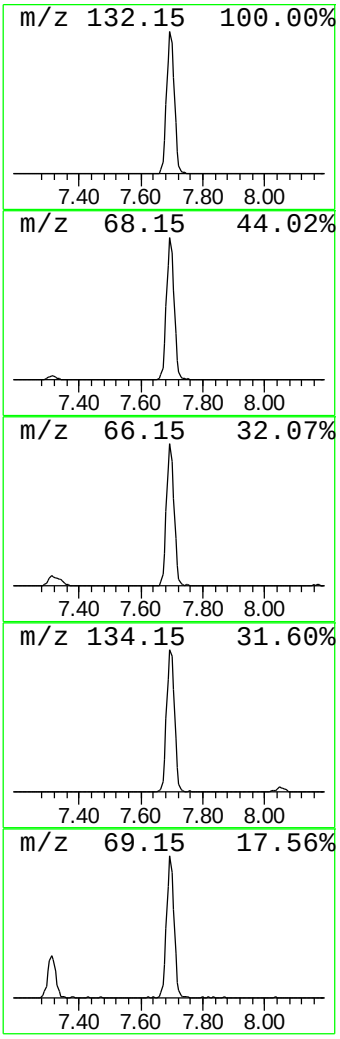
****

Peak Number 3 unknown7.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	81.72 ng	1357080	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

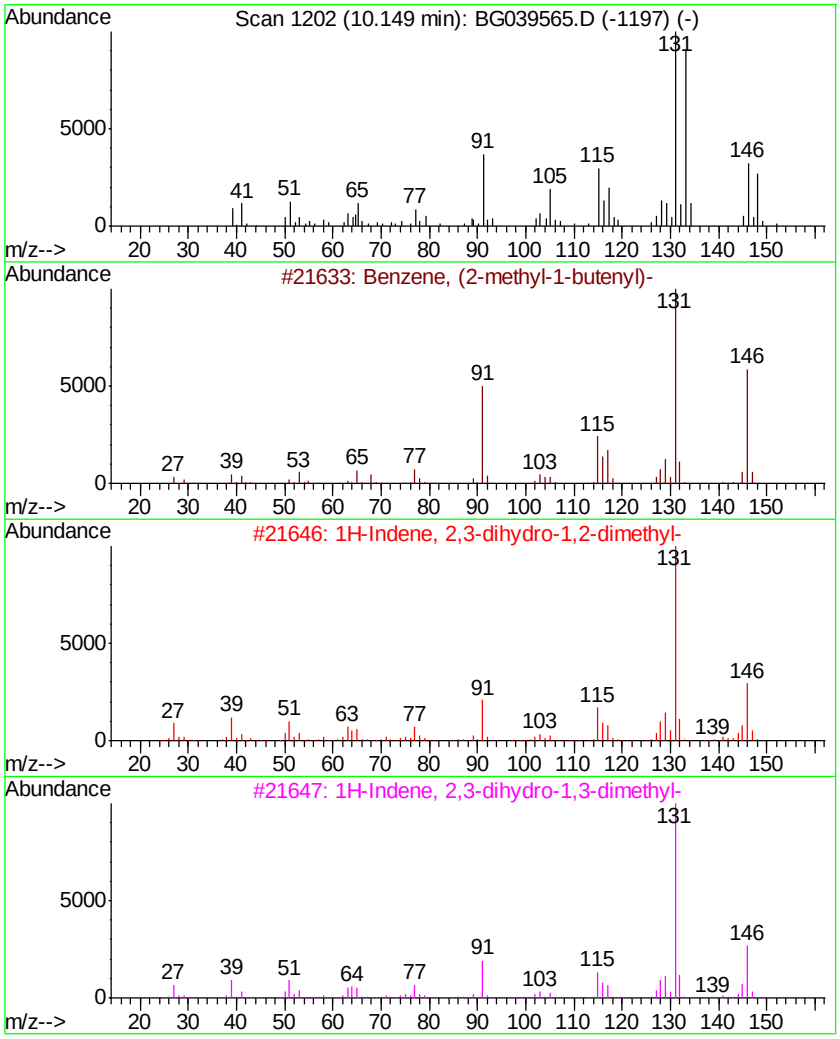
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

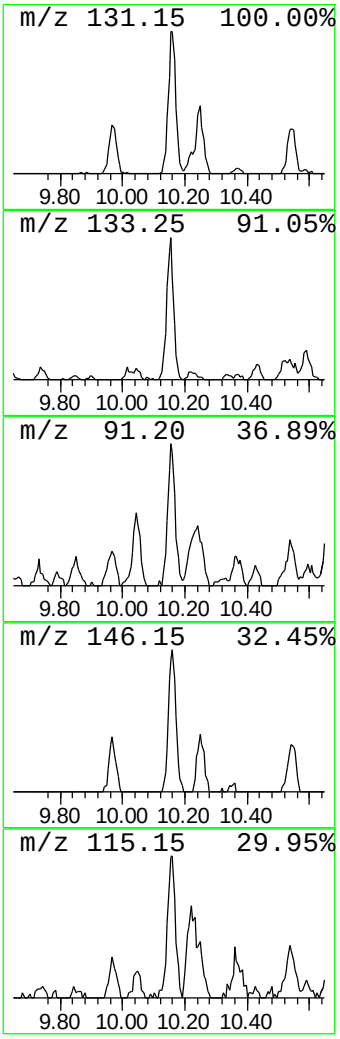
****

Peak Number 5 Benzene, (2-methyl-1-butenyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	12.75 ng	174188	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

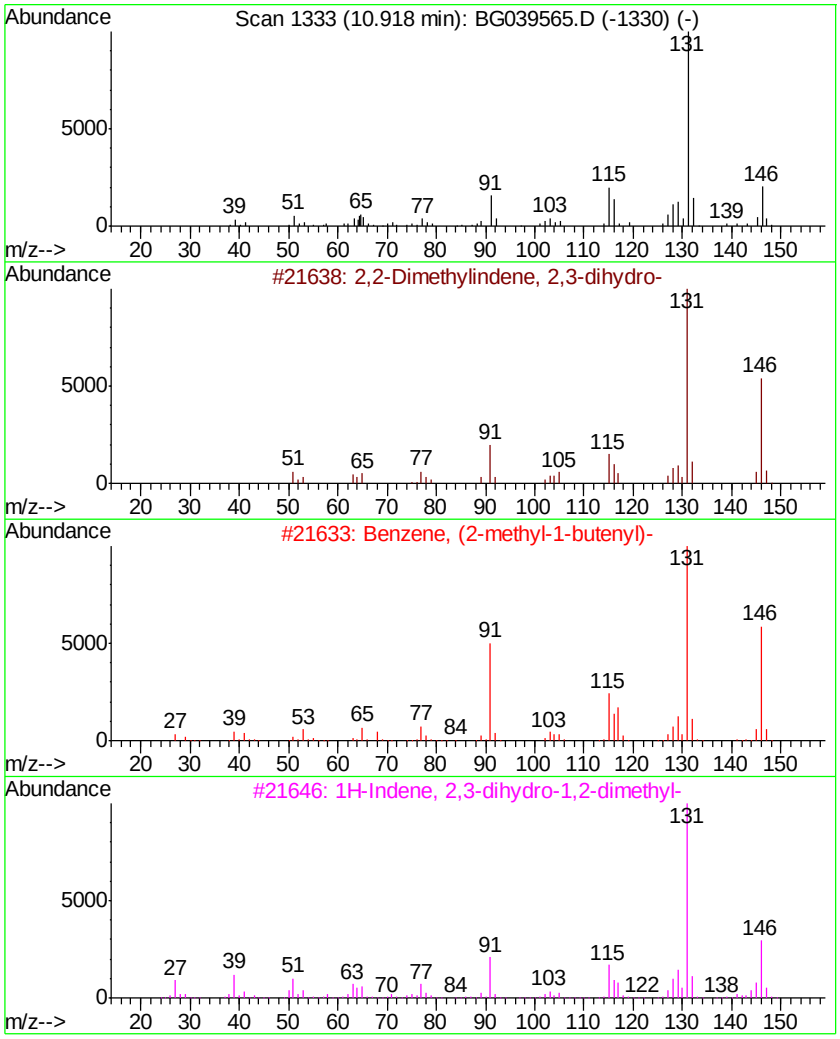
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

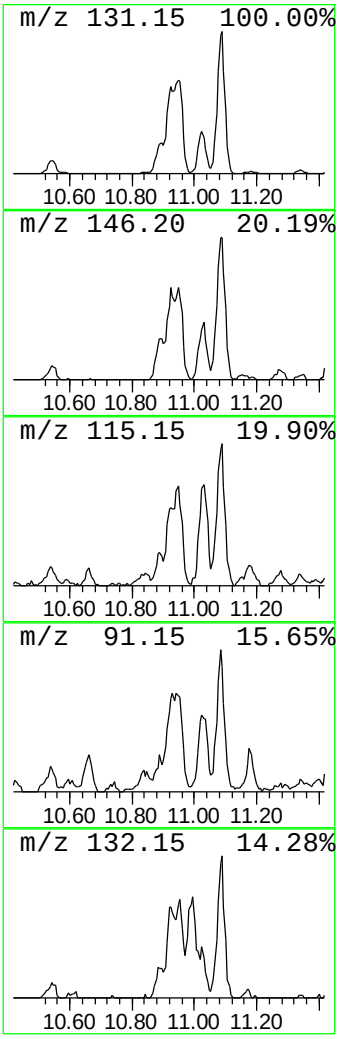
****

Peak Number 6 2,2-Dimethylindene, 2,3-dih... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	8.21 ng	112166	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

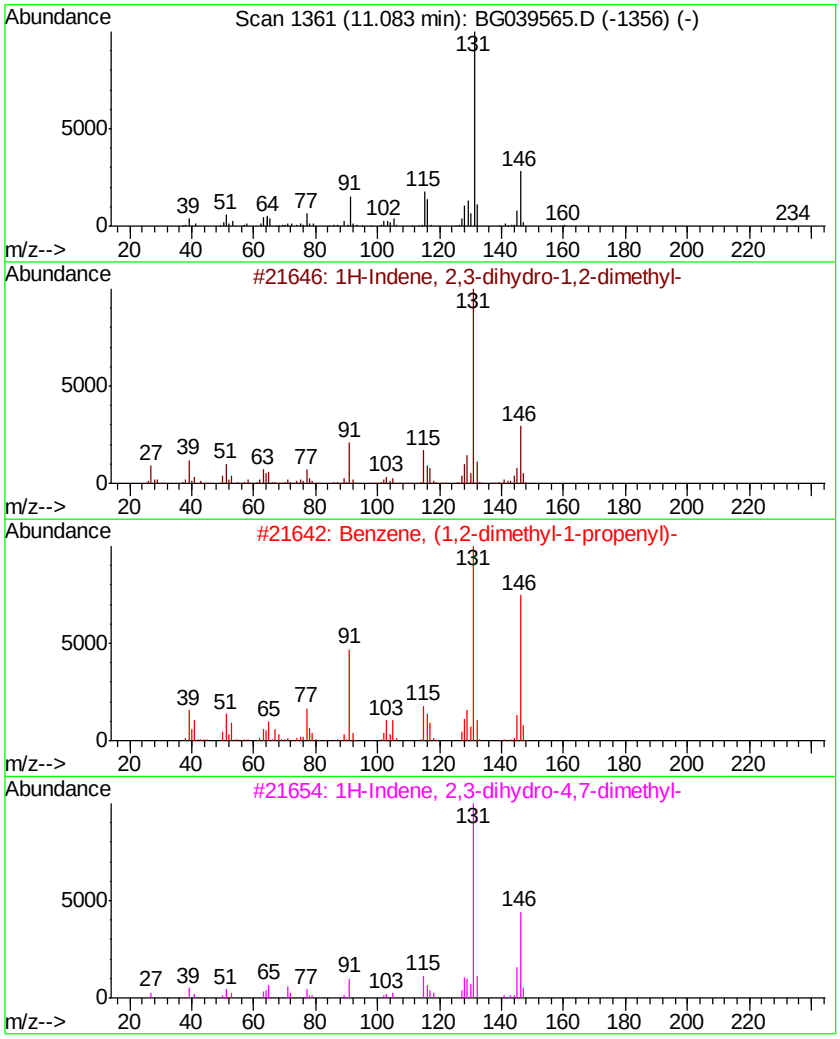
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

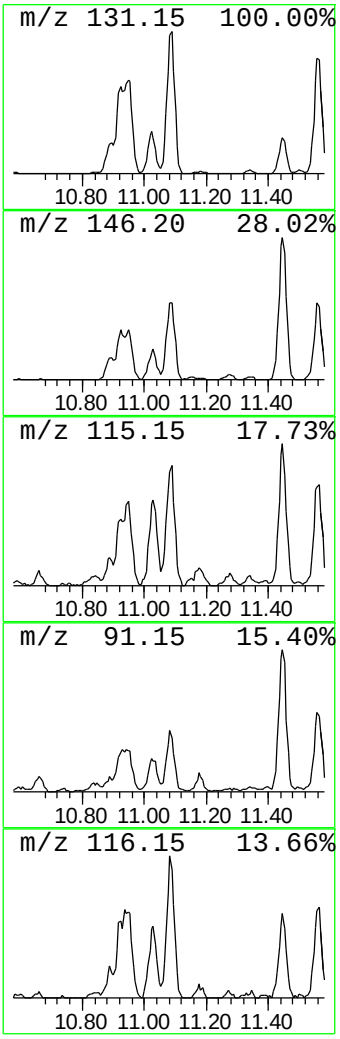
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	30.64 ng	418588	Naphthalene-d8	10.99

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	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

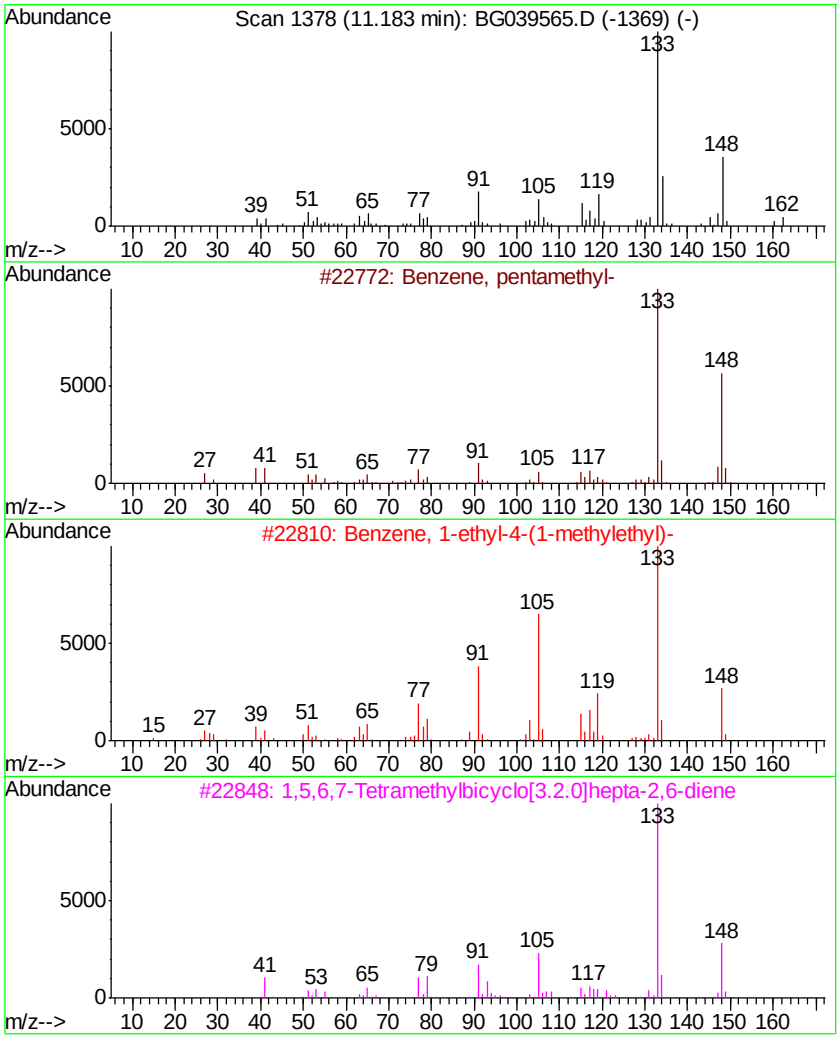
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

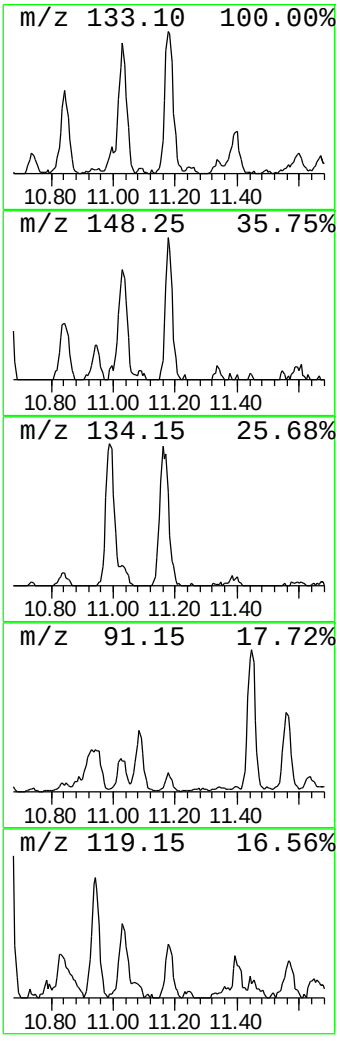
****

Peak Number 8 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	12.37 ng	169055	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
3	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	62
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	62
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

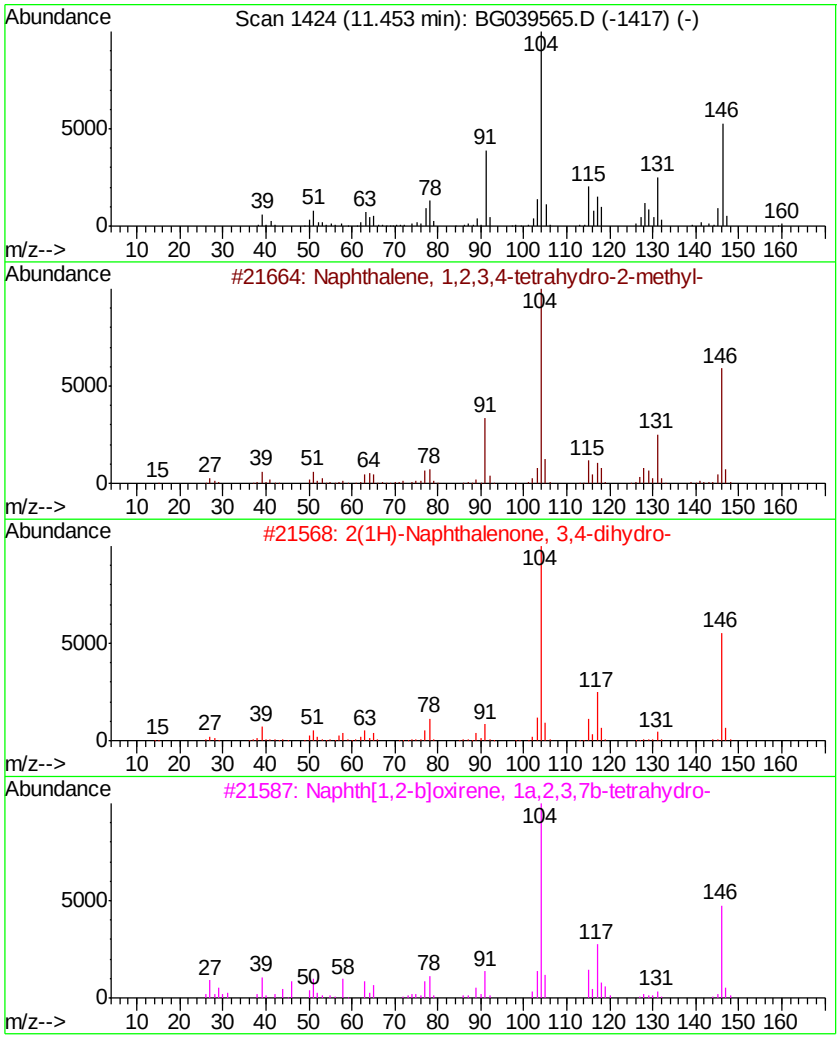
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

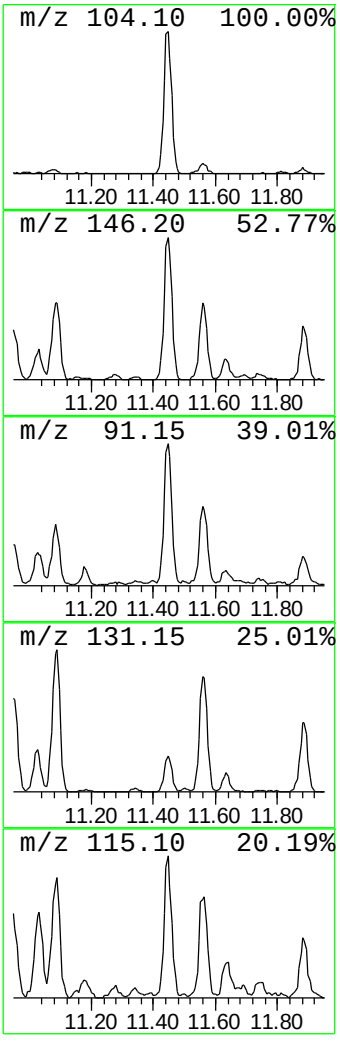
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	41.71 ng	569846	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	76
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	62
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

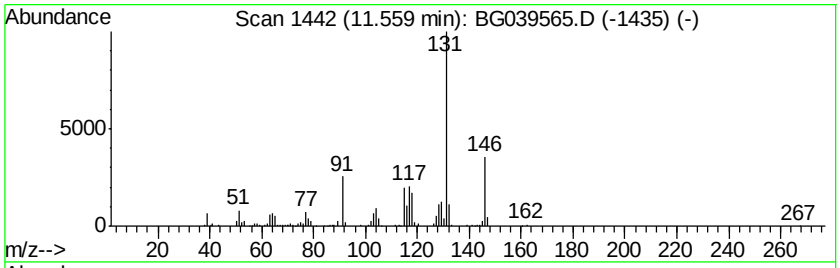
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

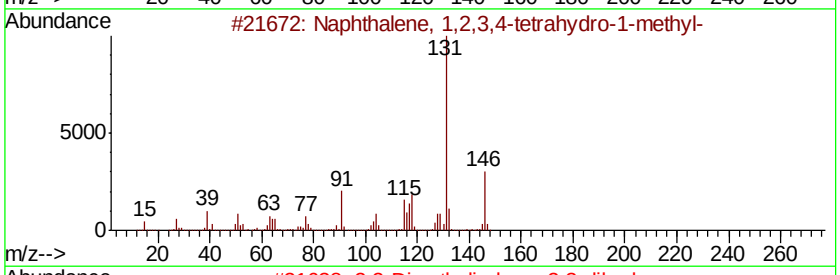
****

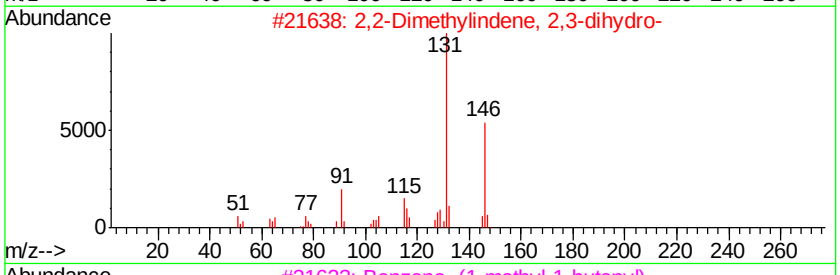
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

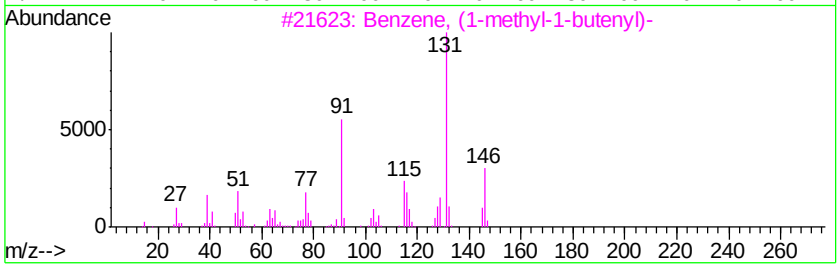
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	29.68 ng	405535	Naphthalene-d8	10.99

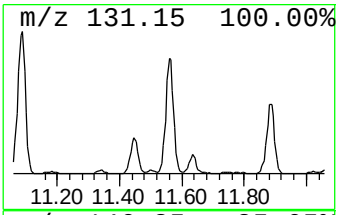
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	97
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
4	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	83
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76

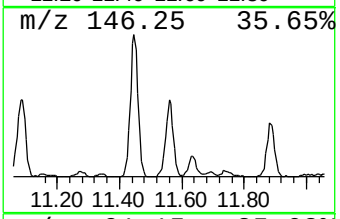


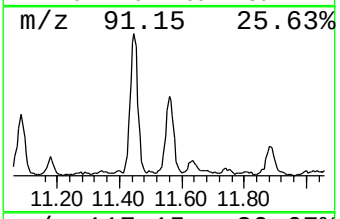


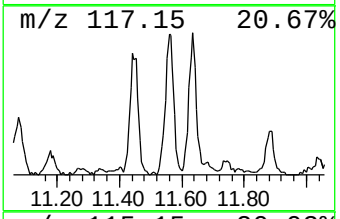


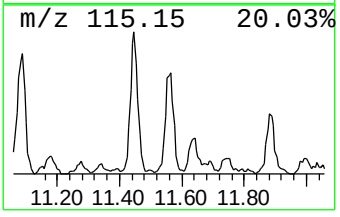












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

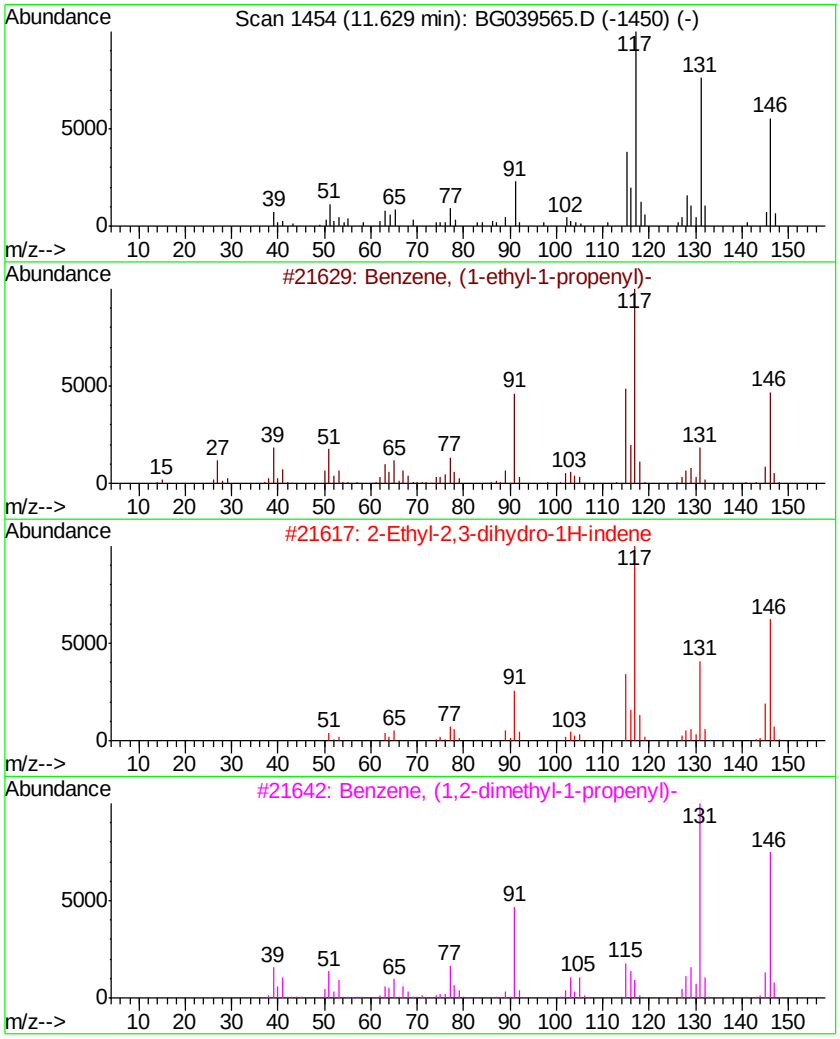
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

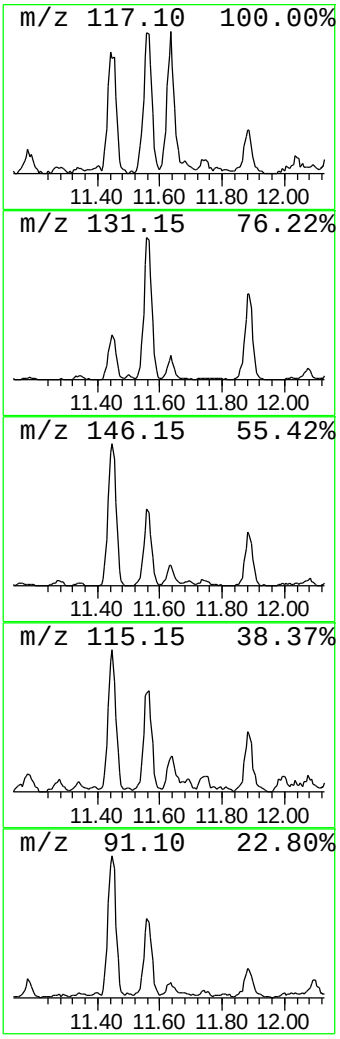
****

Peak Number 11 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	7.49 ng	102291	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	86
2	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	74
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

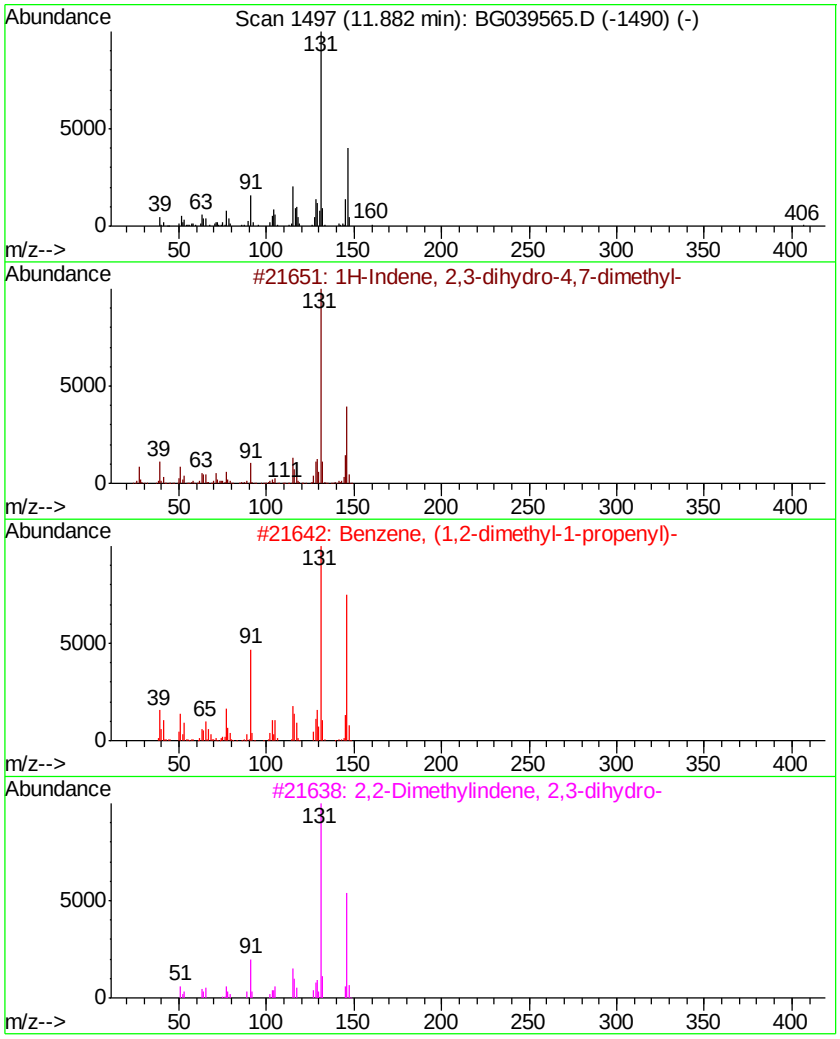
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

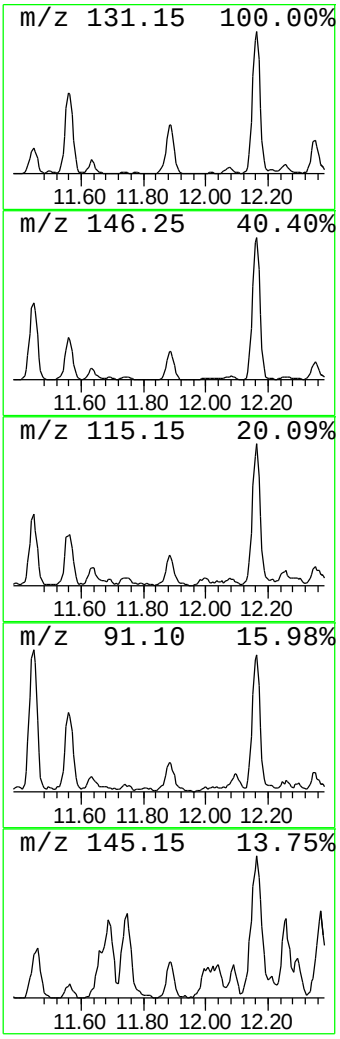
****

Peak Number 12 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	17.33 ng	236795	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

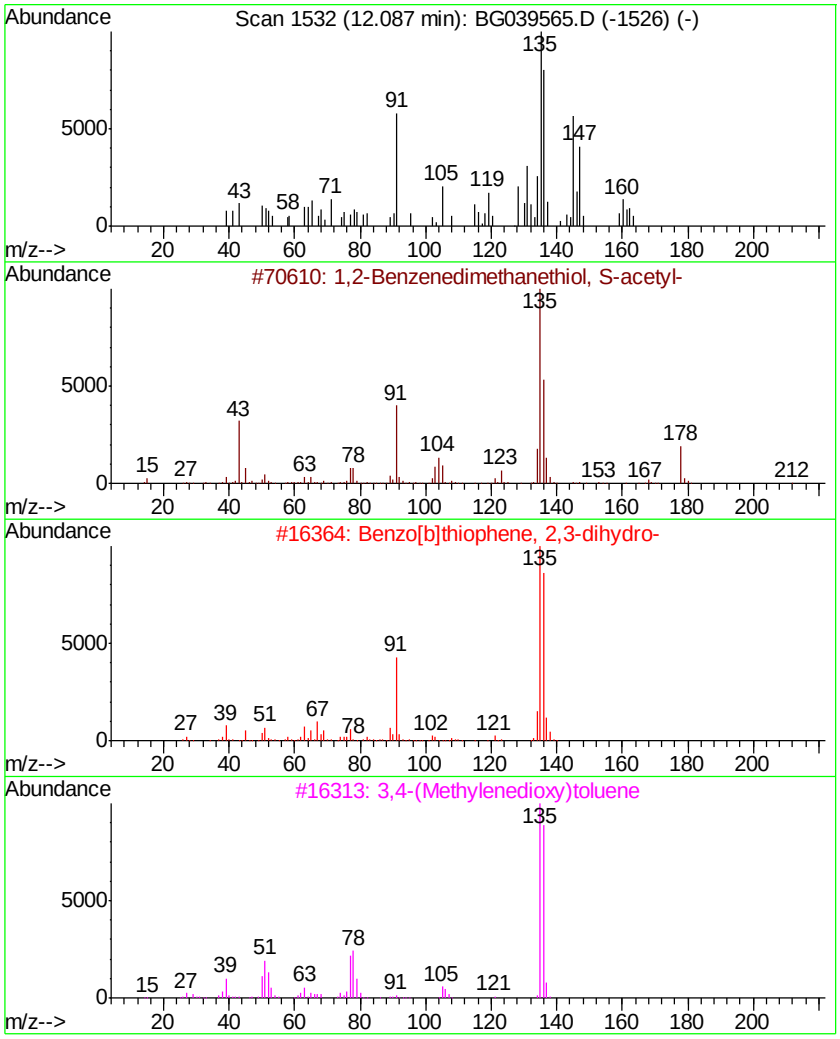
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

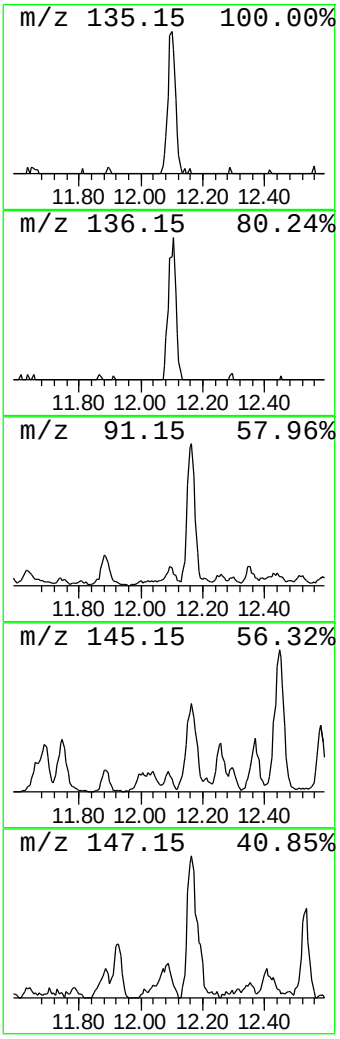
****

Peak Number 13 1,2-Benzenedimethanethiol, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	8.07 ng	110236	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedimethanethiol, S-ace...	212	C10H12OS2	1000353-02-8	64
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	64
3	3,4-(Methylenedioxy)toluene	136	C8H8O2	007145-99-5	59
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	59
5	Benzaldehyde, 2-hydroxy-4-methyl-	136	C8H8O2	000698-27-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

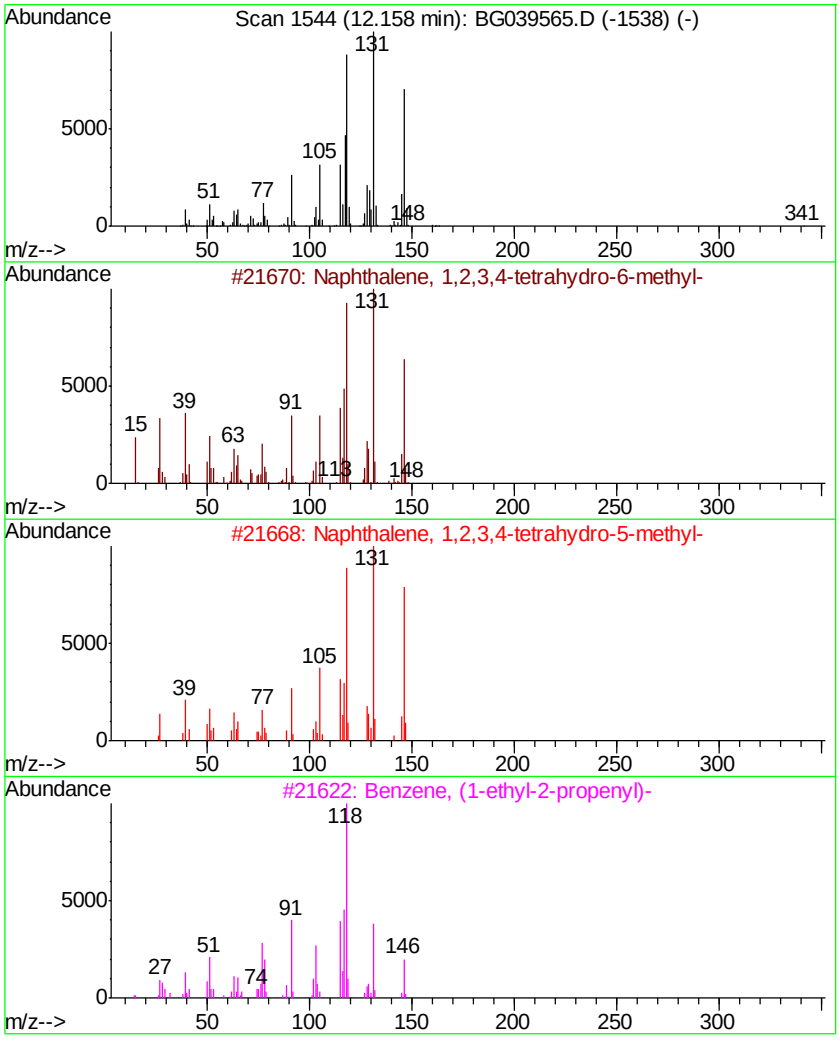
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

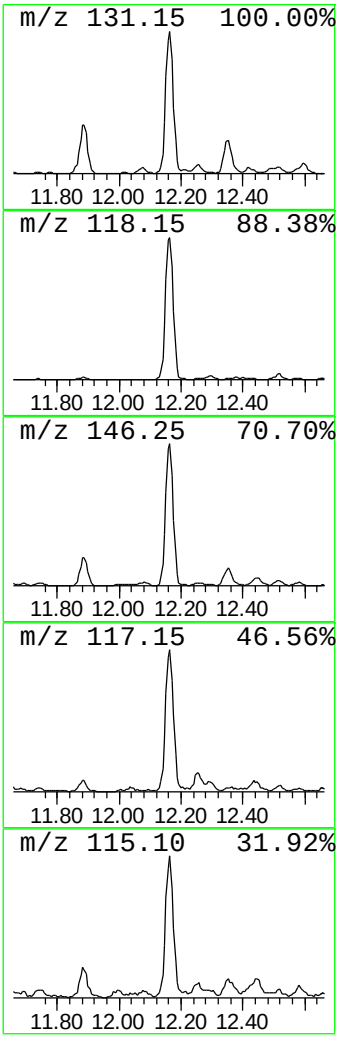
****

Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	85.25 ng	1164730	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	90
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

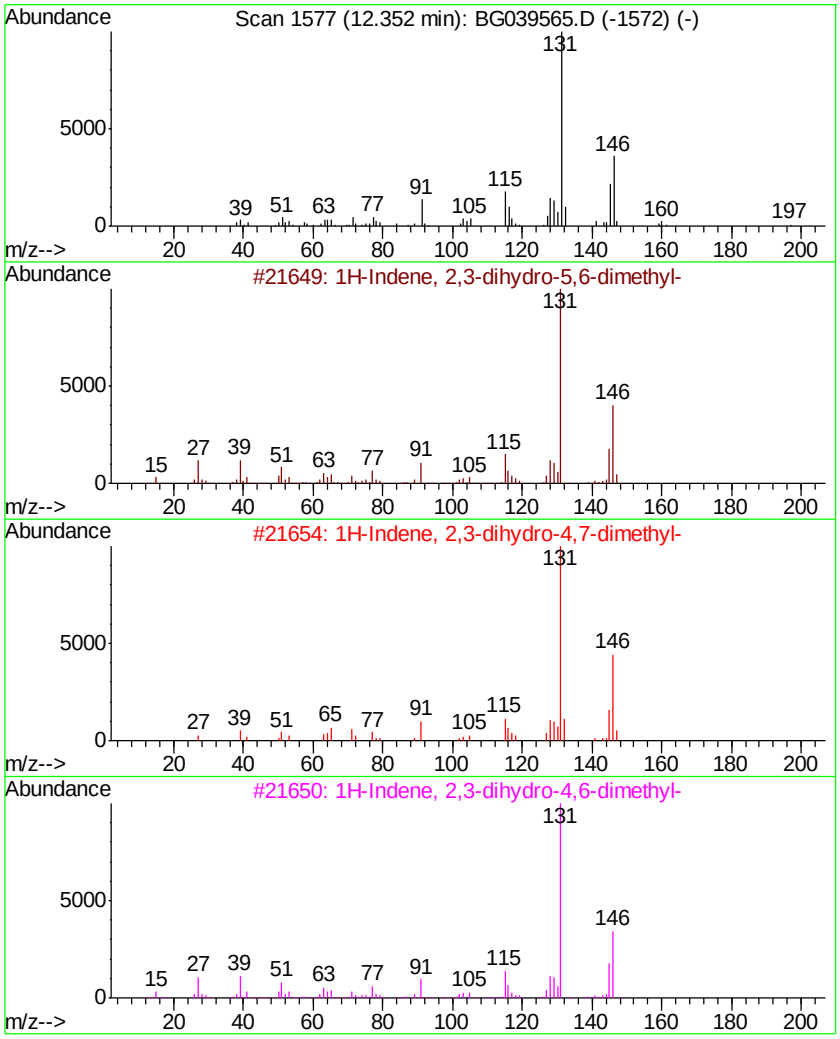
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

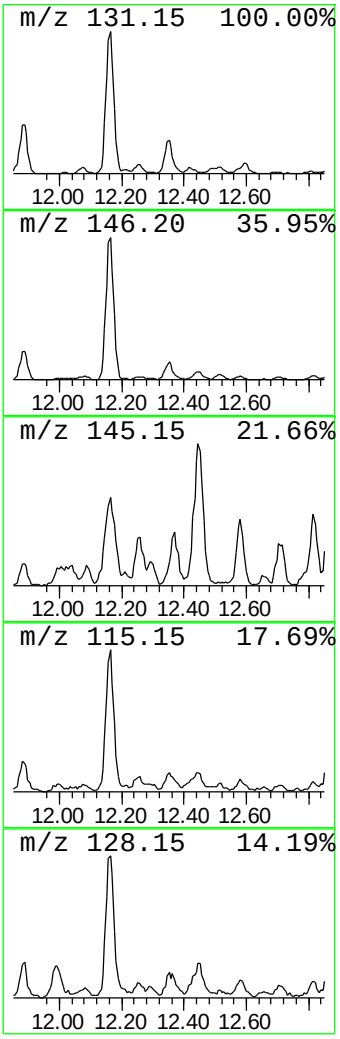
****

Peak Number 15 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	13.52 ng	184758	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

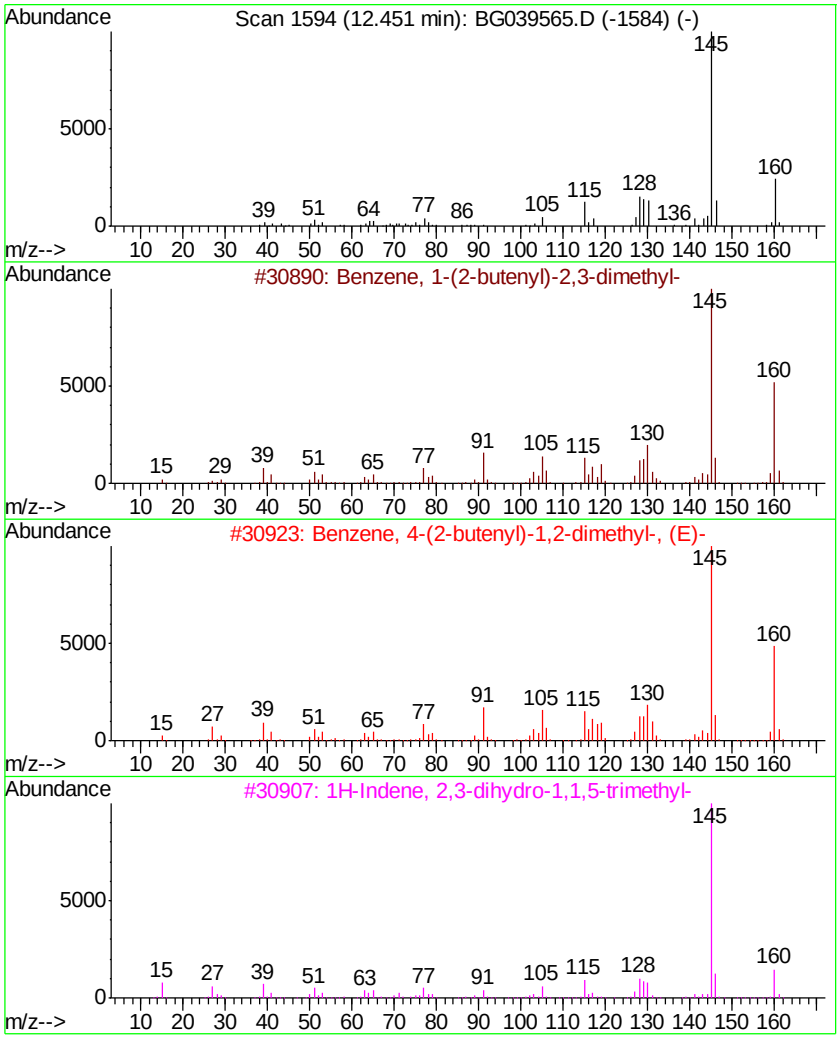
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

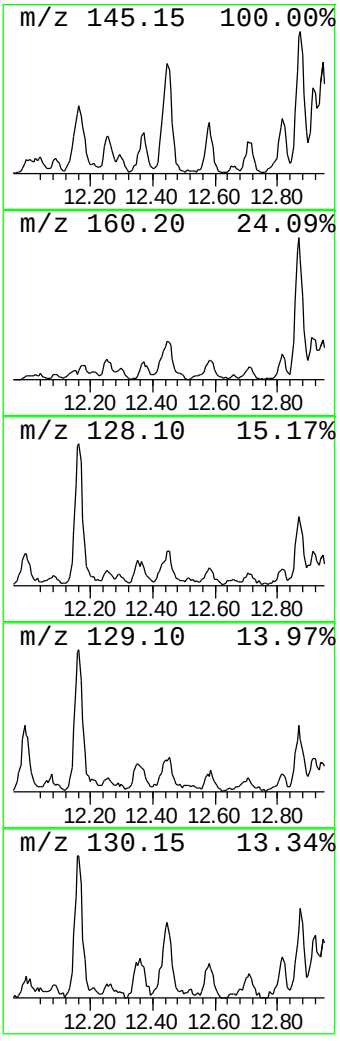
****

Peak Number 16 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	17.52 ng	239309	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	95
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	91
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
4	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	90
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

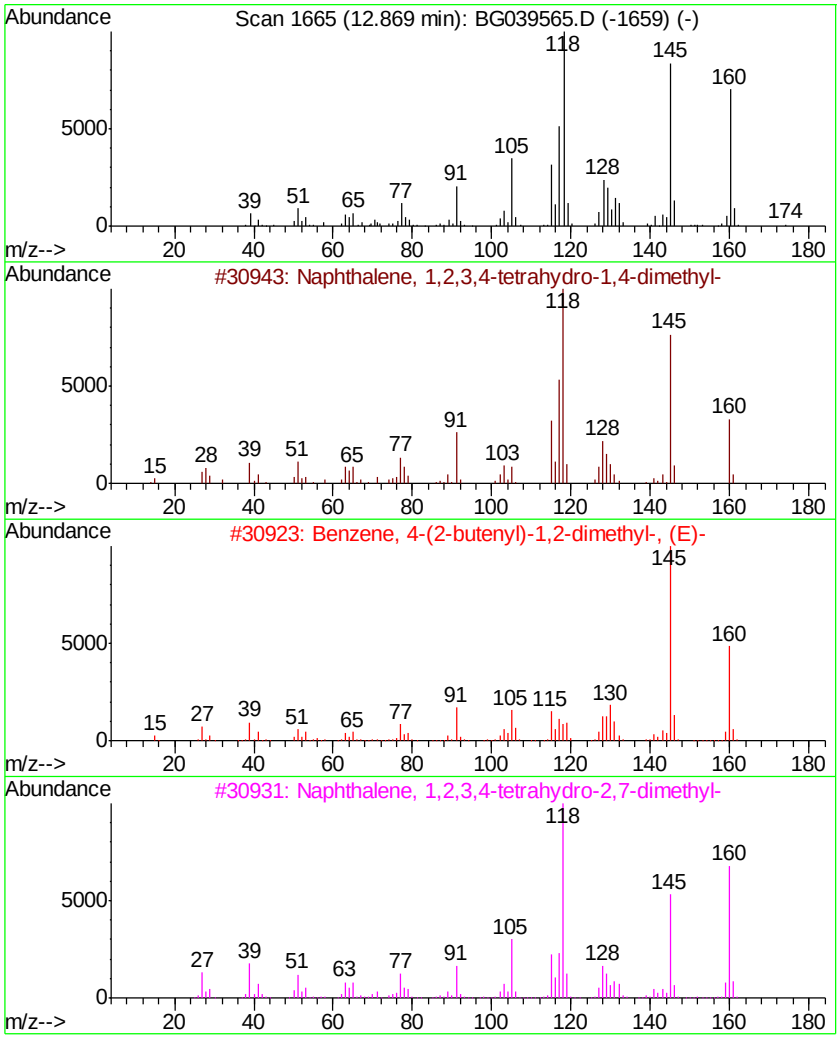
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

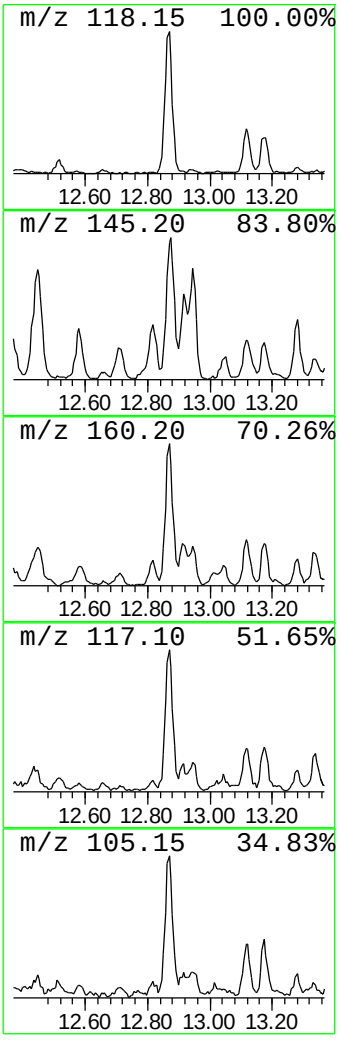
****

Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	35.27 ng	481869	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	97
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	86
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

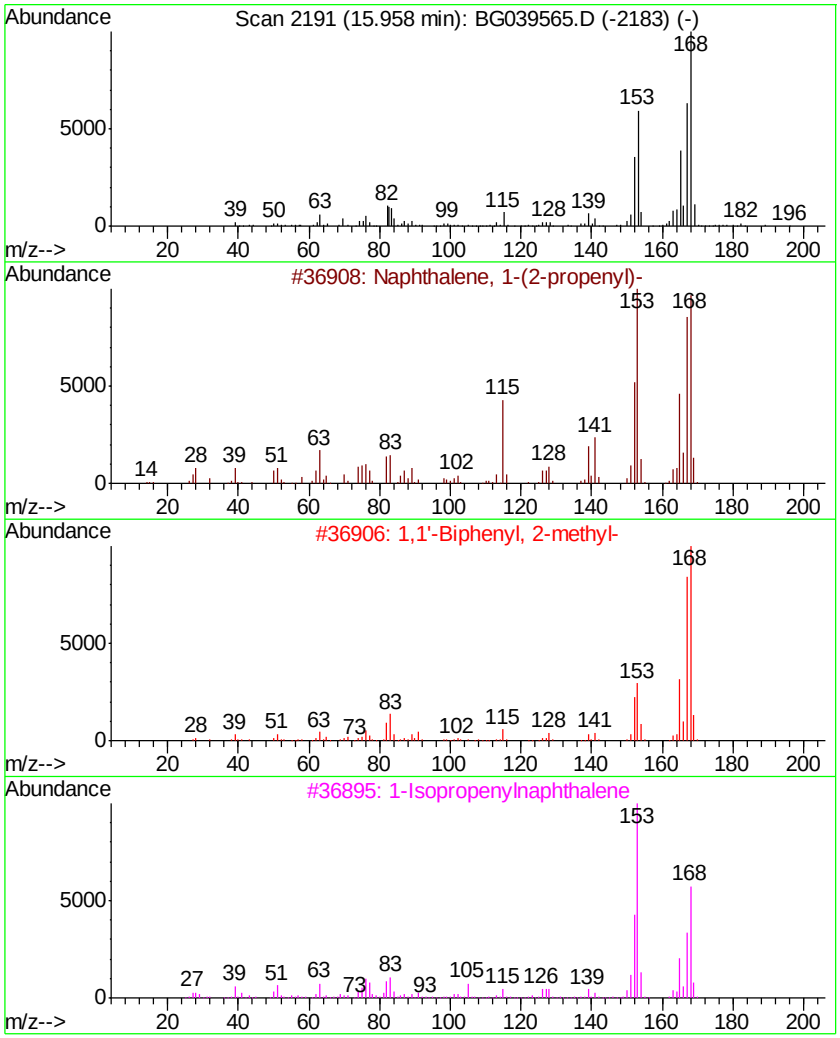
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

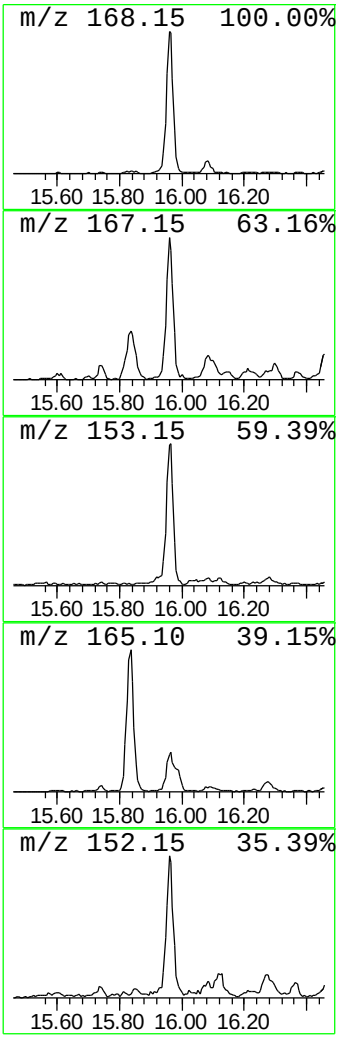
****

Peak Number 18 Naphthalene, 1-(2-propenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	7.95 ng	455862	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	89
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	74
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	68
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

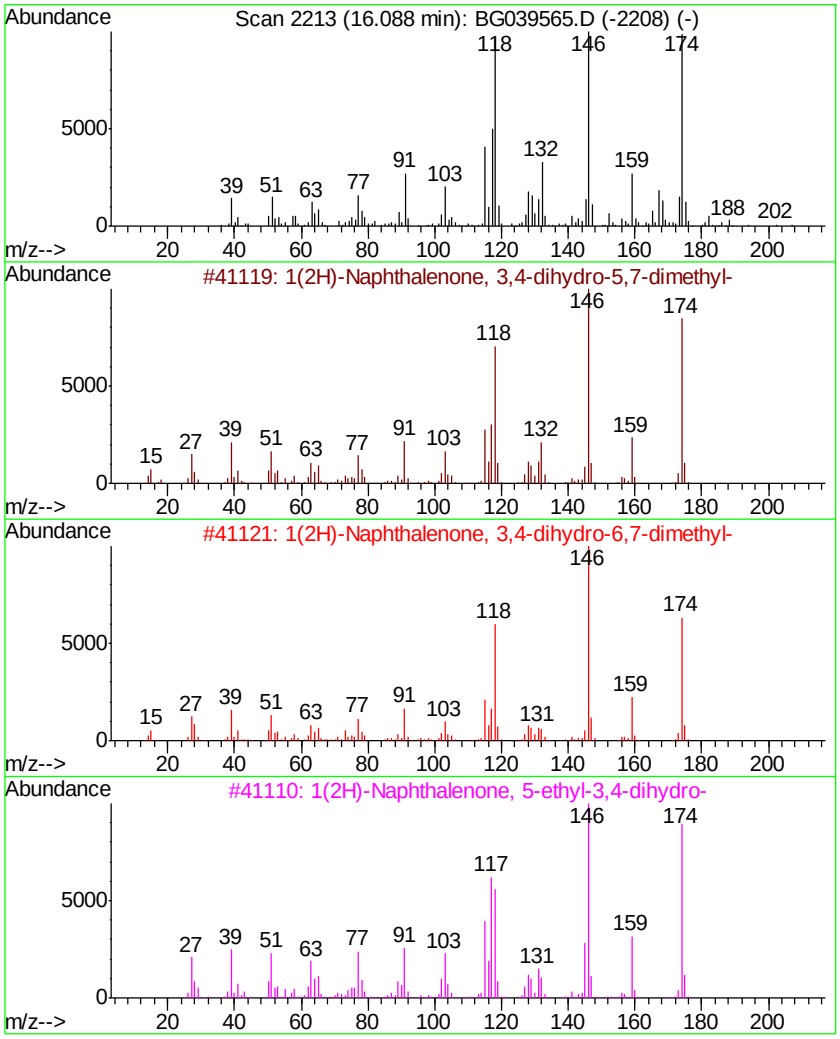
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

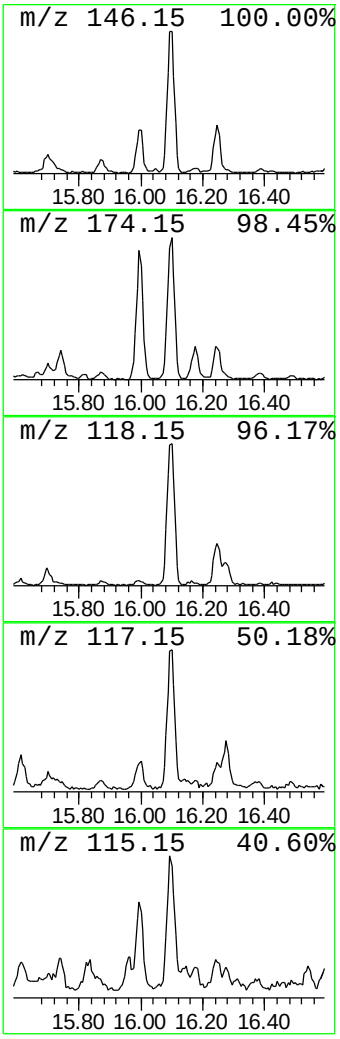
****

Peak Number 19 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	12.58 ng	721911	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	013621-25-5	95
2	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	019550-57-3	93
3	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	81
4	7-Ethyl-3,4-dihydro-1(2H)-naphth...	174	C12H14O	022531-06-2	68
5	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

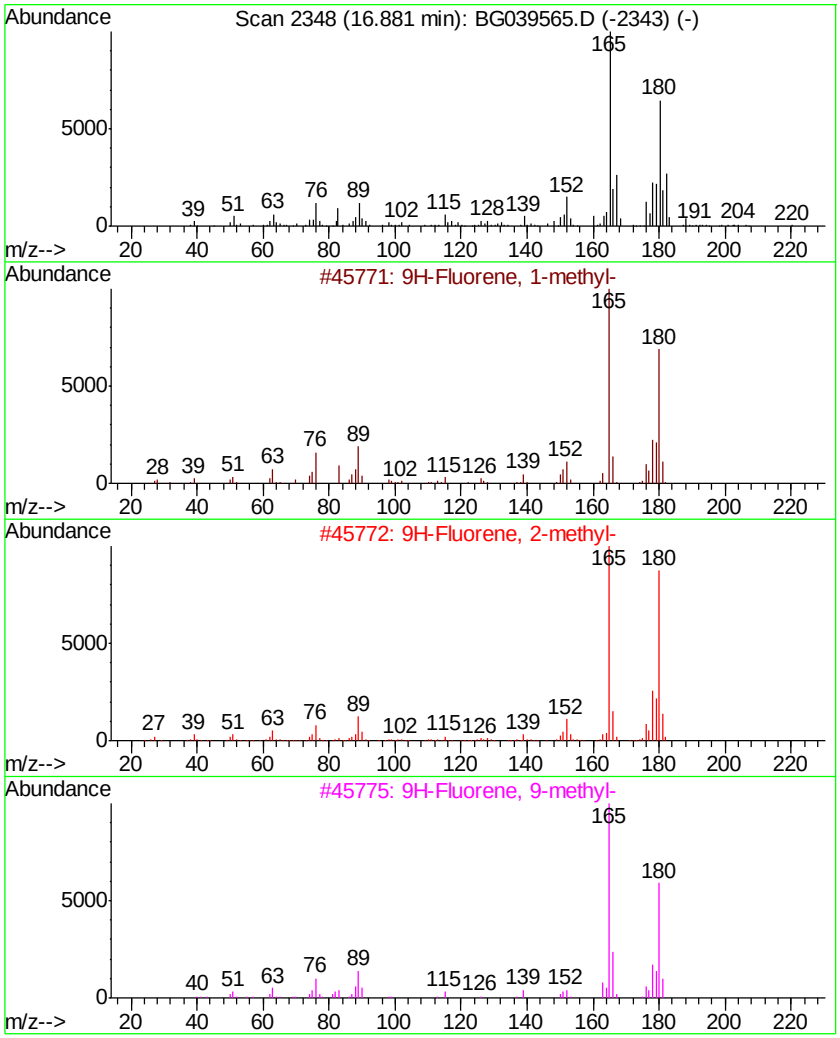
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

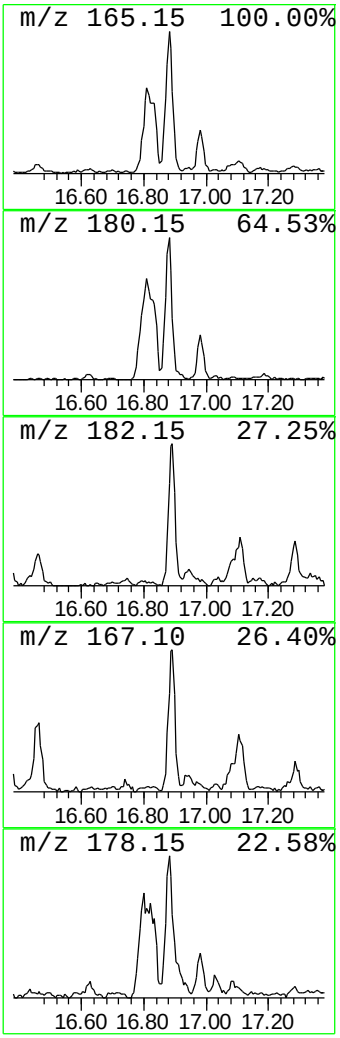
****

Peak Number 20 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	10.31 ng	474059	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	53
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
Data File : BG039565.D
Acq On : 19 Feb 2019 21:42
Operator : JU/SJ
Sample : K1528-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Butane, 2-methoxy...	3.29	14.9	ng	248107	1	8.17	332112	20.0
unknown7.69	7.69	81.7	ng	1357080	1	8.17	332112	20.0
Benzene, (2-methy...	10.15	12.8	ng	174188	2	10.99	273244	20.0
2,2-Dimethylinden...	10.92	8.2	ng	112166	2	10.99	273244	20.0
1H-Indene, 2,3-di...	11.08	30.6	ng	418588	2	10.99	273244	20.0
Benzene, pentamet...	11.18	12.4	ng	169055	2	10.99	273244	20.0
Naphthalene, 1,2,...	11.45	41.7	ng	569846	2	10.99	273244	20.0
Naphthalene, 1,2,...	11.56	29.7	ng	405535	2	10.99	273244	20.0
Benzene, (1-ethyl...	11.63	7.5	ng	102291	2	10.99	273244	20.0
1H-Indene, 2,3-di...	11.88	17.3	ng	236795	2	10.99	273244	20.0
1,2-Benzenedimeth...	12.09	8.1	ng	110236	2	10.99	273244	20.0
Naphthalene, 1,2,...	12.16	85.3	ng	1164730	2	10.99	273244	20.0
1H-Indene, 2,3-di...	12.35	13.5	ng	184758	2	10.99	273244	20.0
Benzene, 1-(2-but...	12.45	17.5	ng	239309	2	10.99	273244	20.0
Naphthalene, 1,2,...	12.87	35.3	ng	481869	2	10.99	273244	20.0
Naphthalene, 1-(2...	15.96	8.0	ng	455862	3	14.79	1147420	20.0
1(2H)-Naphthaleno...	16.09	12.6	ng	721911	3	14.79	1147420	20.0
9H-Fluorene, 1-me...	16.88	10.3	ng	474059	4	17.53	919785	20.0