LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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	3.219	17	22	31	rBV	209649	388713	10.49%	1.091%
2	3.295	31	35	44	rVB	144724	209759	5.66%	0.589%
3	5.716	439	447	456	rBV	471474	780636	21.08%	2.191%
4	7.314	710	719	732	rBV	343071	654026	17.66%	1.835%
5	7.695	776	784	799	rBV	918159	1615859	43.62%	4.535%
6	8.054	834	845	850	rBV	33079	62126	1.68%	0.174%
7	8.165	858	864	880	rBV	184872	330220	8.92%	0.927%
8	8.488	909	919	926	rBV	749803	1328926	35.88%	3.729%
9	8.641	937	945	951	rBV	62642	103771	2.80%	0.291%
10	9.276	1047	1053	1057	rVV3	47059	78755	2.13%	0.221%
11	9.346	1057	1065	1075	rVB2	788273	1435168	38.75%	4.028%
12	9.493	1083	1090	1099	rBV3	28415	70171	1.89%	0.197%
13	10.045	1177	1184	1194	rVB	36945	63505	1.71%	0.178%
14	10.157	1194	1203	1209	rBV2	98387	177021	4.78%	0.497%
15	10.221	1209	1214	1217	rBV	42539	80461	2.17%	0.226%
16	10.539	1260	1268	1273	rBV5	30082	69099	1.87%	0.194%
17	10.662	1283	1289	1295	rVB	48954	86665	2.34%	0.243%
18	10.844	1312	1320	1323	rBV3	31952	63915	1.73%	0.179%
19	10.891	1323	1328	1329	rBV	40553	58348	1.58%	0.164%
20	10.926	1329	1334	1335	rBV	94624	126063	3.40%	0.354%
21	10.991	1341	1345	1349	rBV	182357	269525	7.28%	0.756%
22	11.026	1349	1351	1356	rVB3	113293	158225	4.27%	0.444%
23	11.085	1356	1361	1368	rVB	229555	410897	11.09%	1.153%
24	11.173	1368	1376	1385	rVB3	73362	170725	4.61%	0.479%
25	11.273	1385	1393	1400	rBV2	26605	55797	1.51%	0.157%
26	11.443	1417	1422	1430	rVB	318307	562541	15.19%	1.579%
27	11.561	1435	1442	1449	rBV	218287	397018	10.72%	1.114%
28	11.631	1449	1454	1458	rBV2	47318	86830	2.34%	0.244%
29	11.743	1468	1473	1479	rVB3	35593	65048	1.76%	0.183%
30	11.884	1490	1497	1507	rBV	133834	251146	6.78%	0.705%
31	12.095	1525	1533	1538	rVV8	29731	60093	1.62%	0.169%
32	12.160	1538	1544	1551	rBV	642529	1117503	30.17%	3.136%
33	12.254	1556	1560	1564	rBV2	34952	60355	1.63%	0.169%
34	12.348	1571	1576	1584	rBV2	74285	177642	4.80%	0.499%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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	12.448	1584	1593	1597	rVB	78001	170860	4.61%	0.480%
36	12.524	1602	1606	1612	rVV5	33271	73644	1.99%	0.207%
37	12.583	1612	1616	1623	rVB3	42666	77622	2.10%	0.218%
38	12.712	1632	1638	1643	rVB3	30797	55031	1.49%	0.154%
39	12.812	1650	1655	1659	rBV2	45850	70114	1.89%	0.197%
40	12.871	1659	1665	1669	rVV2	279316	490174	13.23%	1.376%
41	12.912	1669	1672	1675	rVV2	121038	190294	5.14%	0.534%
42	12.947	1675	1678	1684	rVB	90273	132440	3.58%	0.372%
43	13.041	1692	1694	1699	rVV4	38276	65350	1.76%	0.183%
44	13.117	1699	1707	1713	rVB2	77996	178653	4.82%	0.501%
45	13.176	1713	1717	1721	rBV	73622	94289	2.55%	0.265%
46	13.282	1729	1735	1740	rBV	60913	120124	3.24%	0.337%
47	13.335	1740	1744	1748	rVV	84630	144165	3.89%	0.405%
48	13.417	1748	1758	1766	rVV	1888322	3005687	81.15%	8.435%
49	13.629	1788	1794	1803	rBV2	203179	353622	9.55%	0.992%
50	13.728	1805	1811	1815	rVV	116567	203741	5.50%	0.572%
51	13.781	1815	1820	1826	rVV3	77659	147185	3.97%	0.413%
52	13.846	1827	1831	1840	rVB2	92543	167285	4.52%	0.469%
53	13.975	1850	1853	1861	rVB7	40775	73571	1.99%	0.206%
54	14.093	1870	1873	1878	rBV6	34859	68173	1.84%	0.191%
55	14.151	1879	1883	1888	rVV5	52723	95901	2.59%	0.269%
56	14.234	1892	1897	1902	rVV	122831	186770	5.04%	0.524%
57	14.286	1902	1906	1911	rVV5	35726	71313	1.93%	0.200%
58	14.345	1911	1916	1925	rVV7	44145	113680	3.07%	0.319%
59	14.539	1946	1949	1953	rVB	42645	58241	1.57%	0.163%
60	14.792	1979	1992	1998	rBV3	610672	1134974	30.64%	3.185%
61	14.862	1999	2004	2008	rVB3	54417	85140	2.30%	0.239%
62	14.950	2015	2019	2023	rBV4	37913	73336	1.98%	0.206%
63	15.097	2034	2044	2048	rBV4	60826	129663	3.50%	0.364%
64	15.185	2054	2059	2064	rVB	120291	204317	5.52%	0.573%
65	15.391	2088	2094	2102	rBV2	111363	192776	5.20%	0.541%
66	15.514	2107	2115	2123	rBV5	66904	178652	4.82%	0.501%
67	15.614	2125	2132	2138	rVV7	44950	100775	2.72%	0.283%
68	15.702	2143	2147	2150	rVV2	59973	103909	2.81%	0.292%
69	15.737	2150	2153	2158	rVB	99558	140713	3.80%	0.395%
70	15.831	2163	2169	2180	rBV	299423	544533	14.70%	1.528%
71	15.961	2183	2191	2194	rBV2	280745	460668	12.44%	1.293%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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	15.996	2194	2197	2205	rVB	242363	346001	9.34%	0.971%
73	16.096	2208	2214	2225	rBV4	339561	699649	18.89%	1.963%
74	16.278	2235	2245	2255	rVB	1487134	2482163	67.01%	6.966%
75	16.366	2255	2260	2267	rVB5	47399	108560	2.93%	0.305%
76	16.466	2267	2277	2282	rBV5	49136	152171	4.11%	0.427%
77	16.701	2311	2317	2328	rVB10	41692	135436	3.66%	0.380%
78	16.812	2328	2336	2337	rBV3	97701	194475	5.25%	0.546%
79	16.883	2343	2348	2360	rVV3	187024	384757	10.39%	1.080%
80	16.983	2361	2365	2370	rVB3	57079	92058	2.49%	0.258%
81	17.106	2379	2386	2394	rVB8	44618	123180	3.33%	0.346%
82	17.353	2422	2428	2433	rVB	77179	144717	3.91%	0.406%
83	17.535	2453	2459	2465	rBV	562424	861618	23.26%	2.418%
84	17.735	2489	2493	2500	rVB2	54885	114145	3.08%	0.320%
85	18.164	2561	2566	2570	rBV	134437	191190	5.16%	0.537%
86	18.316	2588	2592	2600	rVB5	36427	69620	1.88%	0.195%
87	18.387	2600	2604	2613	rBV3	102326	208757	5.64%	0.586%
88	18.822	2673	2678	2686	rVB	79149	138602	3.74%	0.389%
89	19.045	2708	2716	2721	rVV2	140669	292602	7.90%	0.821%
90	19.103	2721	2726	2734	rVB	129170	204529	5.52%	0.574%
91	20.126	2894	2900	2910	rBV	2859836	3704078	100.00%	10.395%
92	21.412	3115	3119	3129	rVB2	127886	199084	5.37%	0.559%
93	21.823	3183	3189	3195	rVB	577053	937707	25.32%	2.632%
94	21.976	3210	3215	3220	rBV	75980	110221	2.98%	0.309%
95	22.605	3316	3322	3328	rVB	120315	195176	5.27%	0.548%
96	23.321	3438	3444	3451	rVB	143144	276372	7.46%	0.776%
97	24.161	3579	3587	3597	rVB2	137400	315278	8.51%	0.885%
98	25.201	3749	3764	3777	rVB4	296344	1186200	32.02%	3.329%
99	26.341	3950	3958	3970	rVB2	79147	250809	6.77%	0.704%
100	27.768	4195	4201	4212	rVB4	40822	129818	3.50%	0.364%

Sum of corrected areas: 35632910

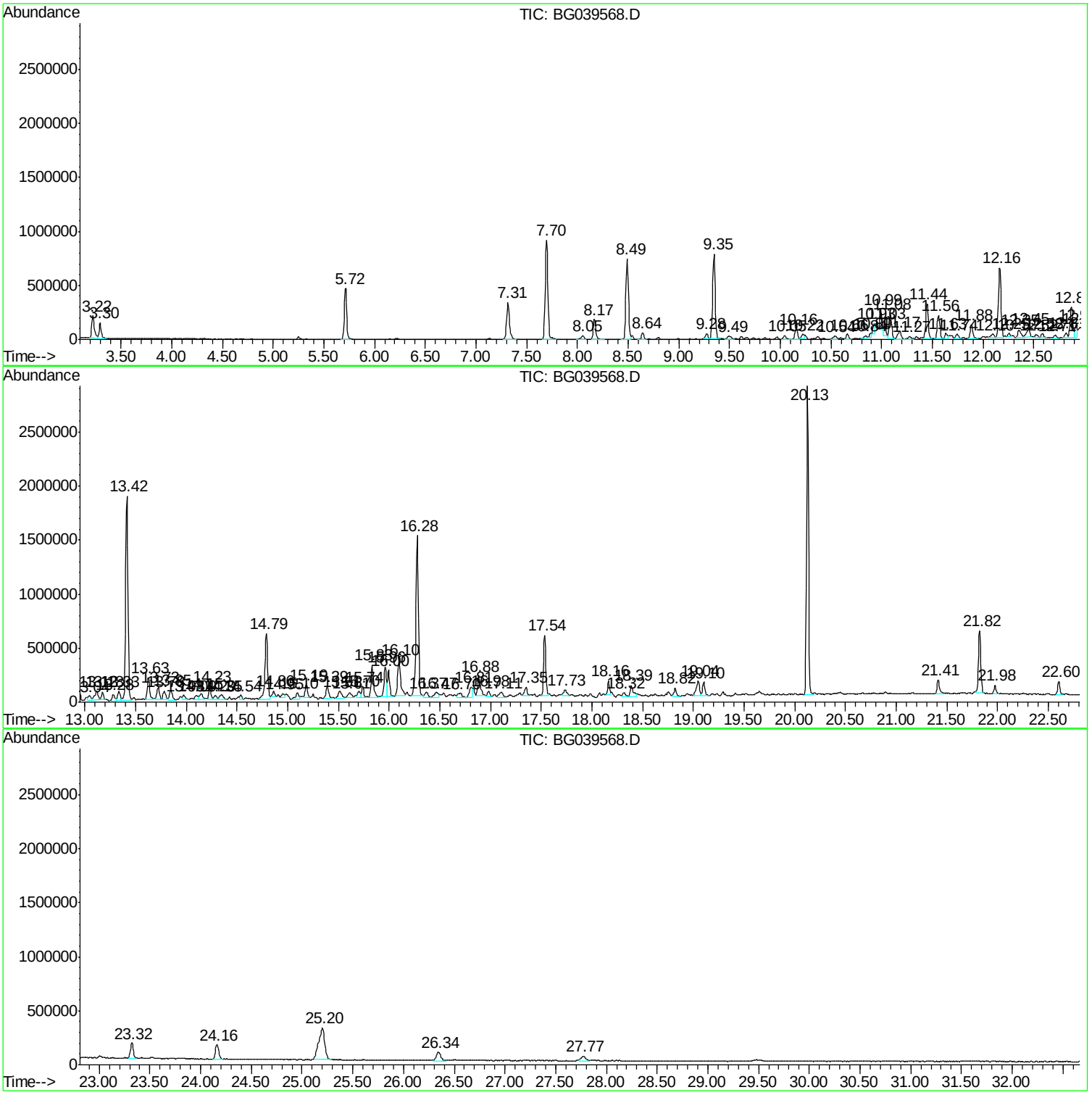
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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 : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

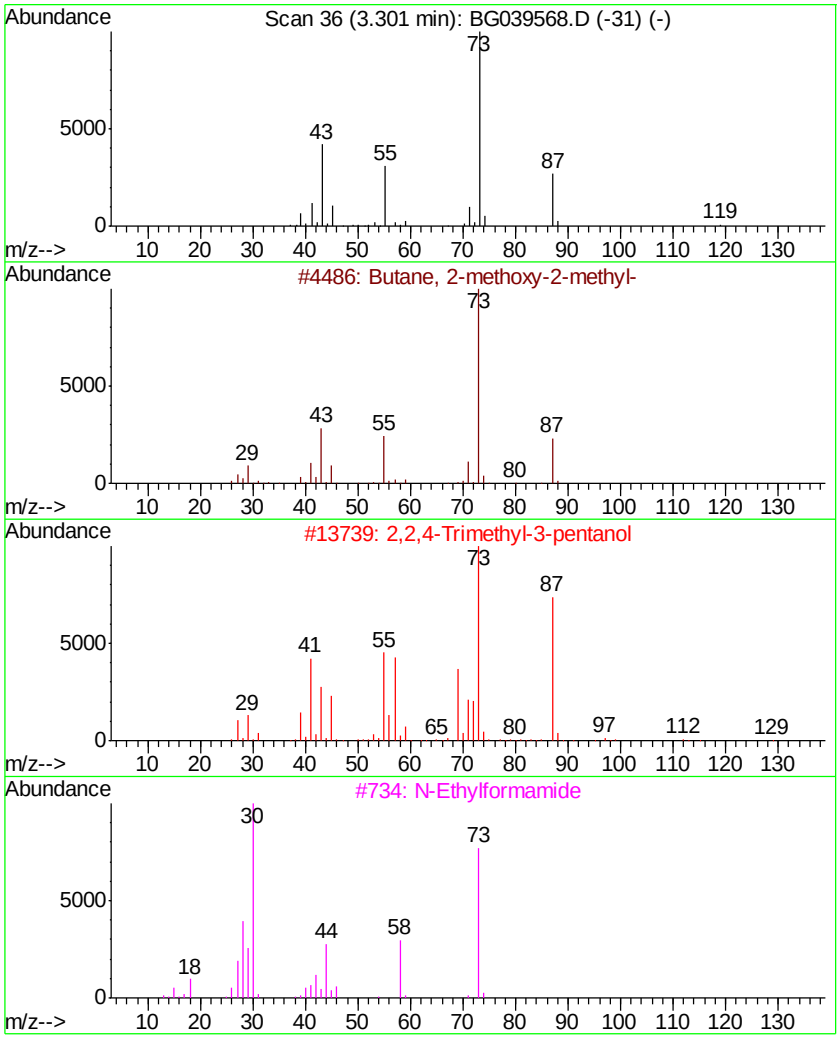
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

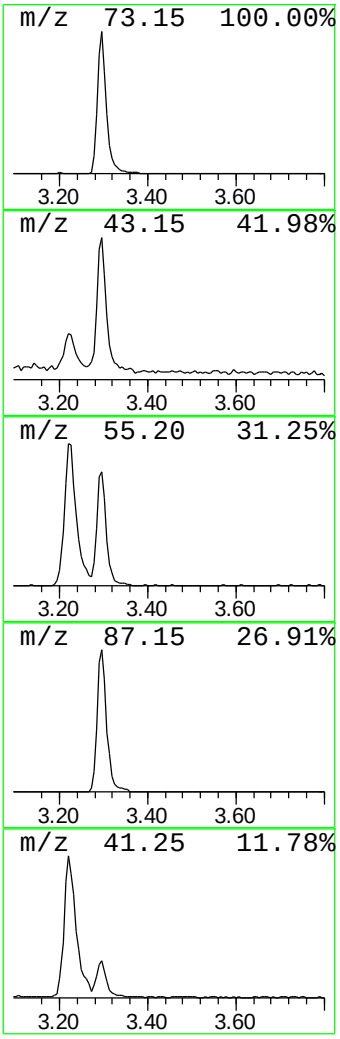
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.30	12.70 ng	209759	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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

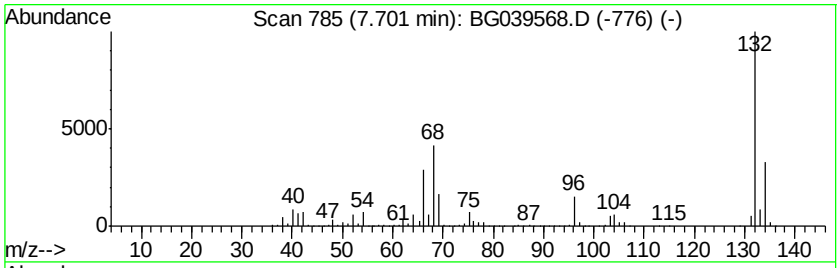
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

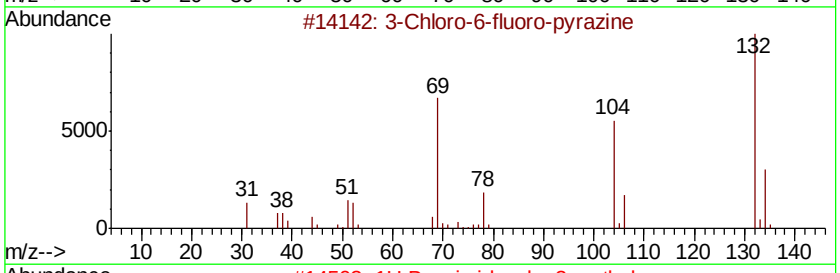
****

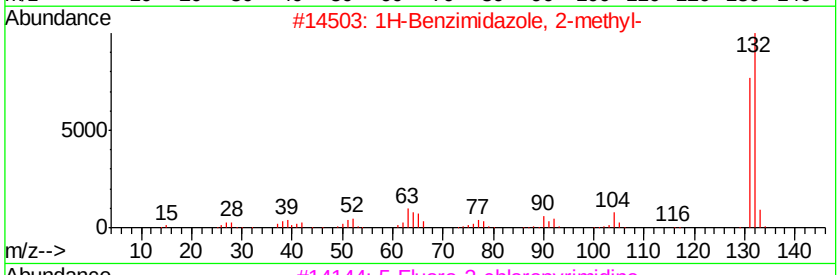
Peak Number 3 unknown7.70 Concentration Rank 1

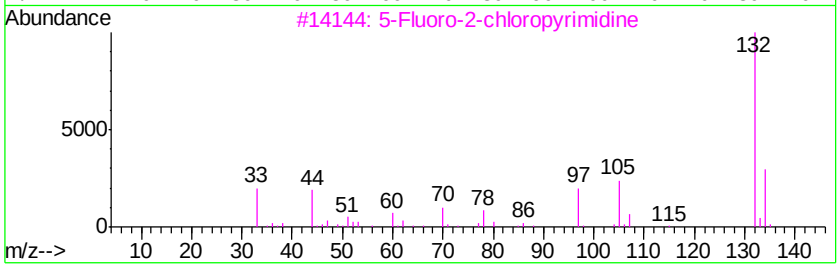
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	97.87 ng	1615860	1,4-Dichlorobenzene-d4	8.17

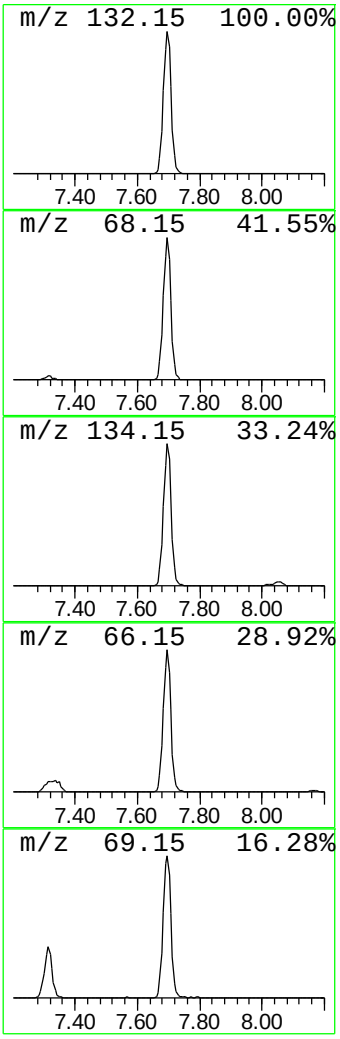
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

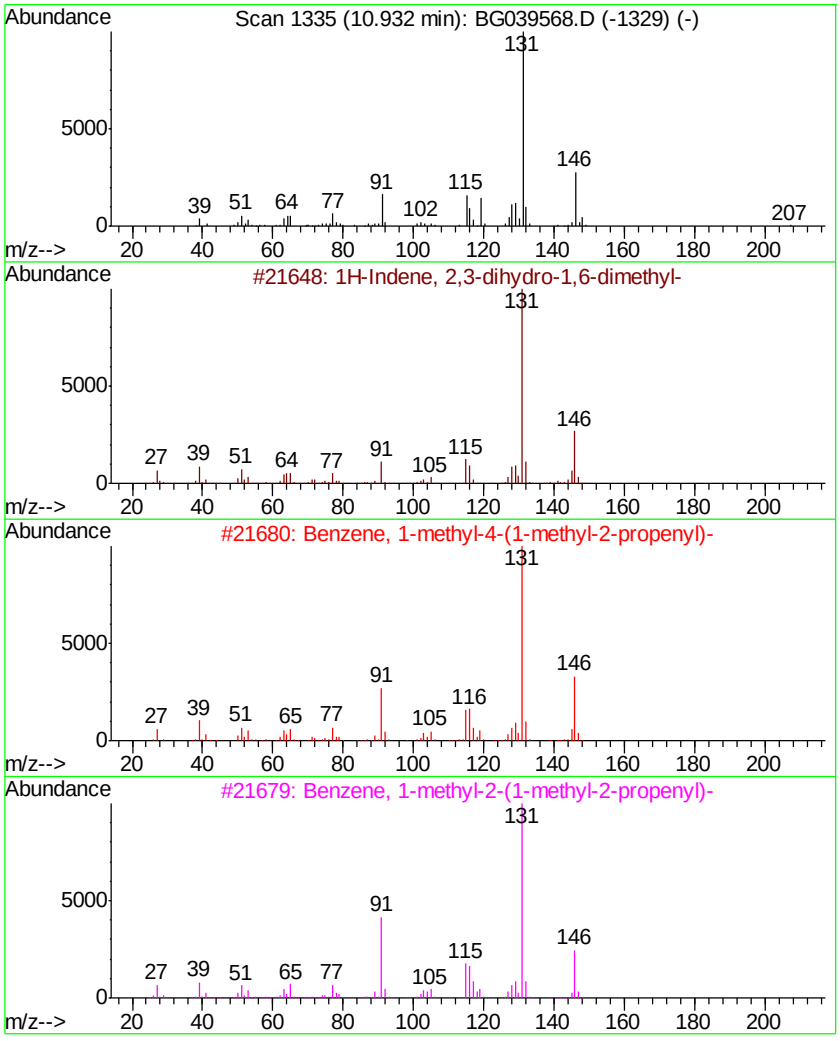
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

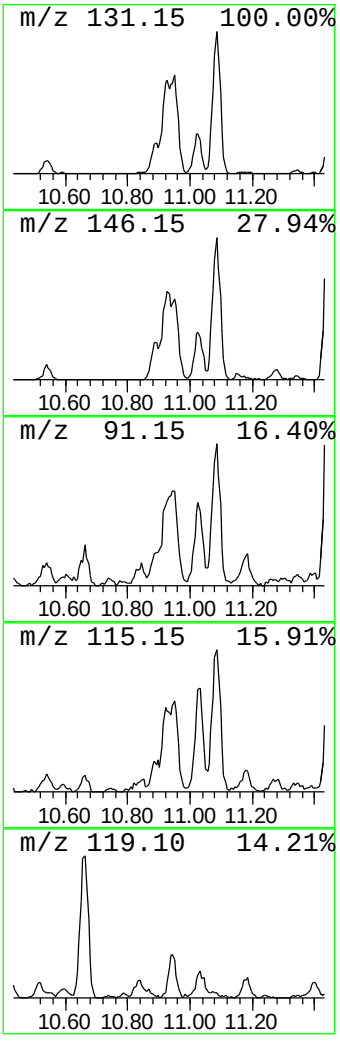
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	9.35 ng	126063	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
3	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

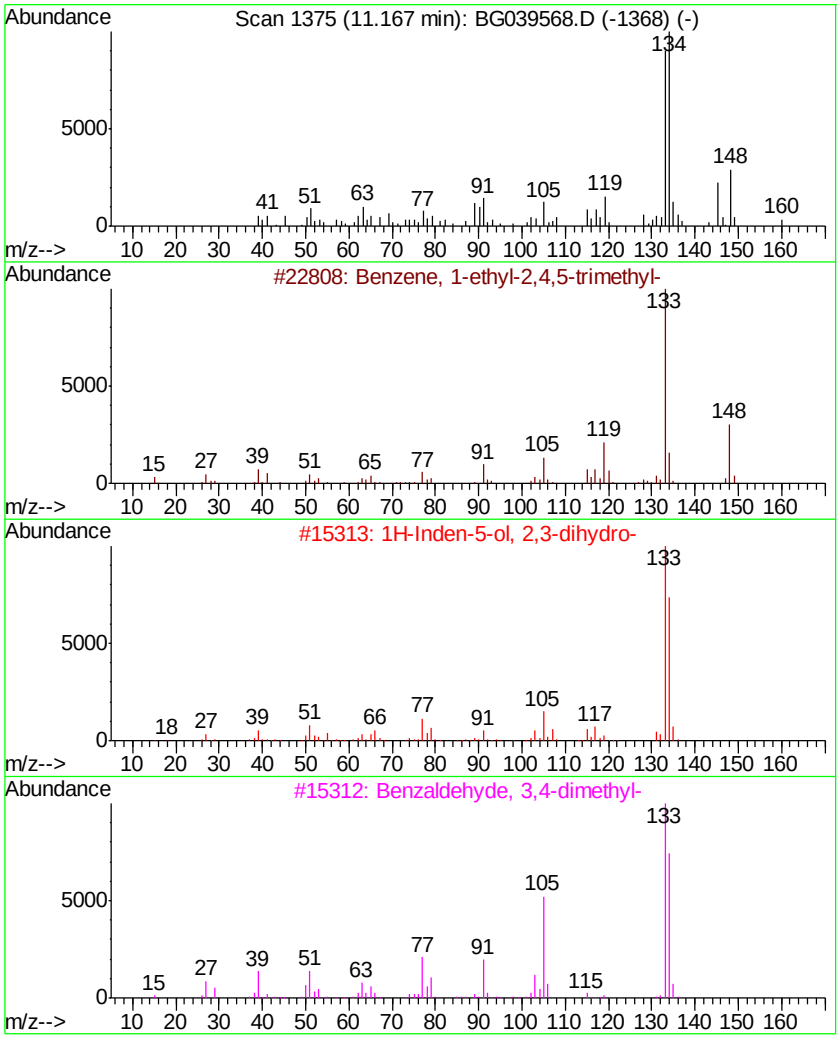
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

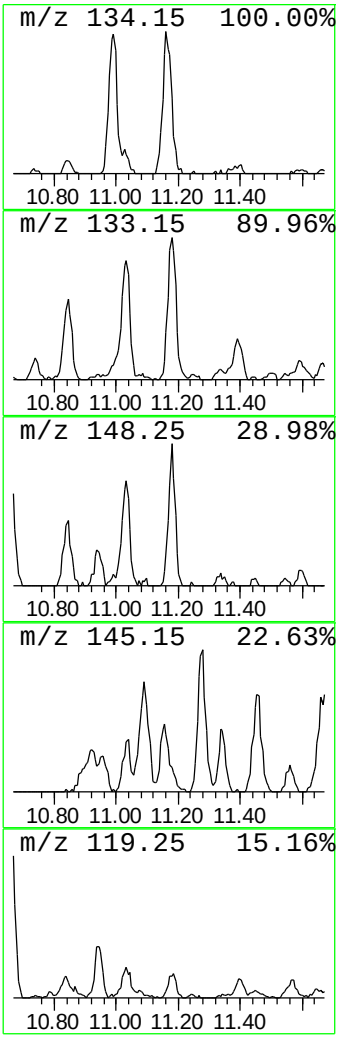
****

Peak Number 8 Benzene, 1-ethyl-2,4,5-trim... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	12.67 ng	170725	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	86
2	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	70
3	Benzaldehyde, 3,4-dimethyl-	134	C9H10O	005973-71-7	70
4	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

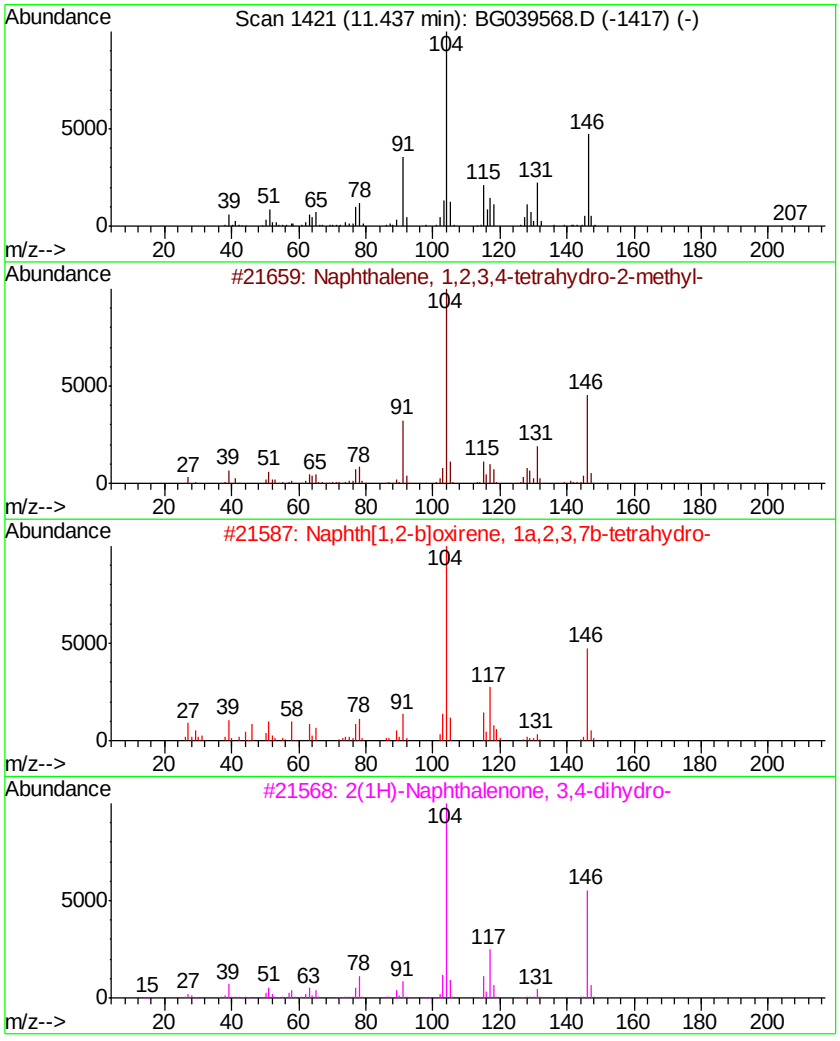
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

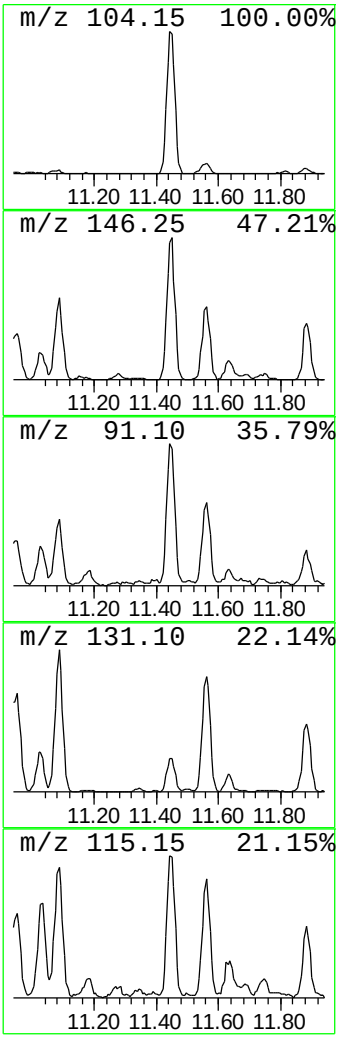
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	41.74 ng	562541	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	95
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	76
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
4	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	35
5	2-Propenoic acid, 2-phenylethyl ...	176	C11H12O2	003530-36-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

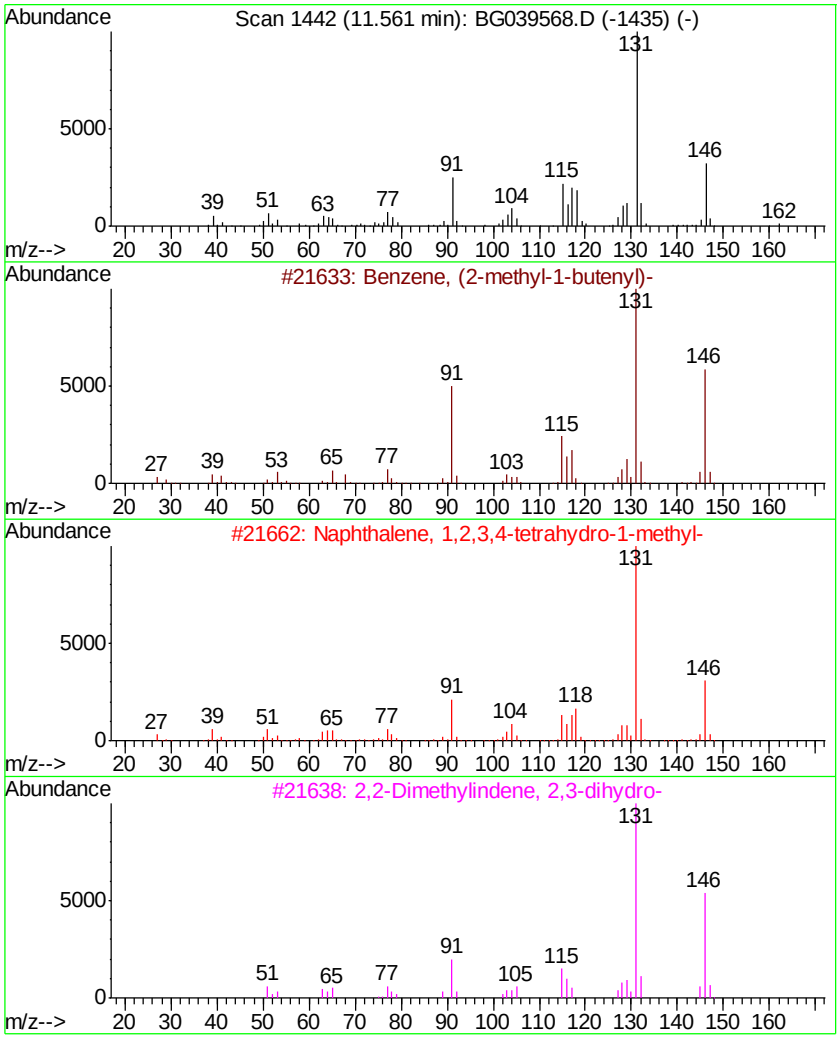
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

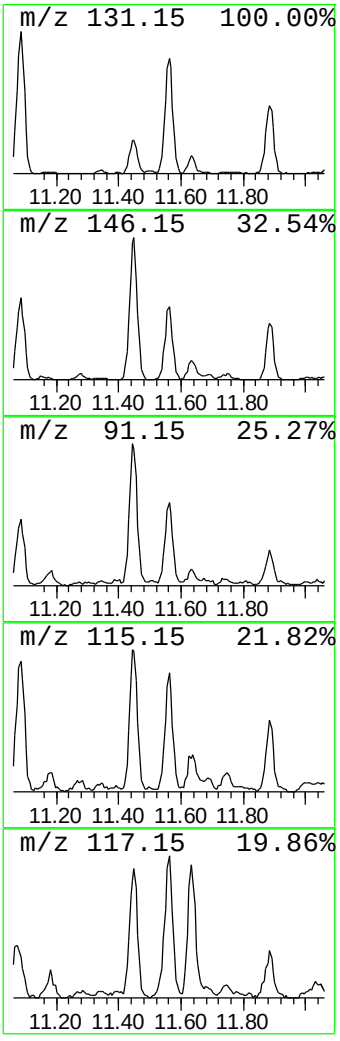
****

Peak Number 10 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	29.46 ng	397018	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

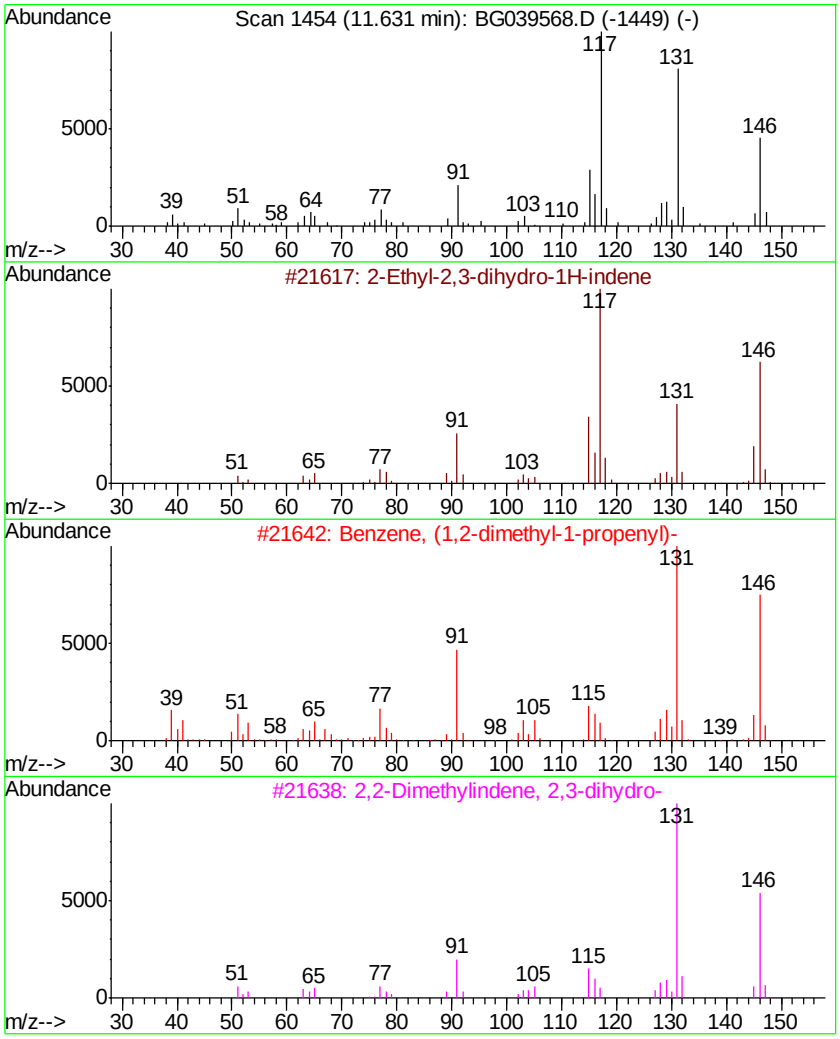
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

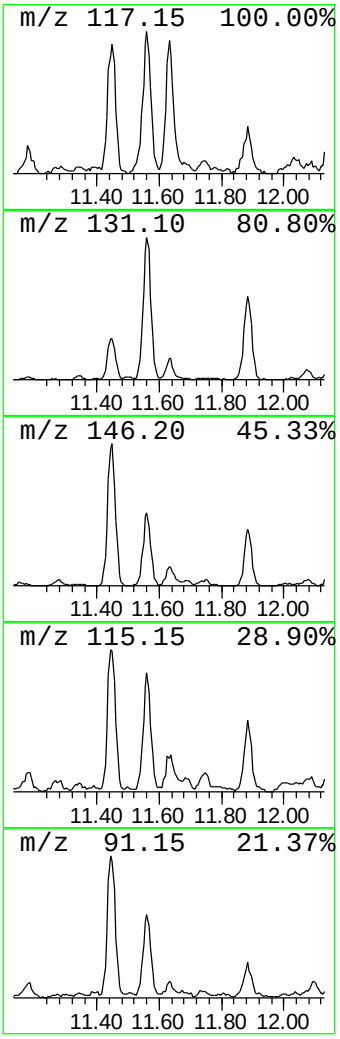
****

Peak Number 11 2-Ethyl-2,3-dihydro-1H-indene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	6.44 ng	86830	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	86
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	58
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

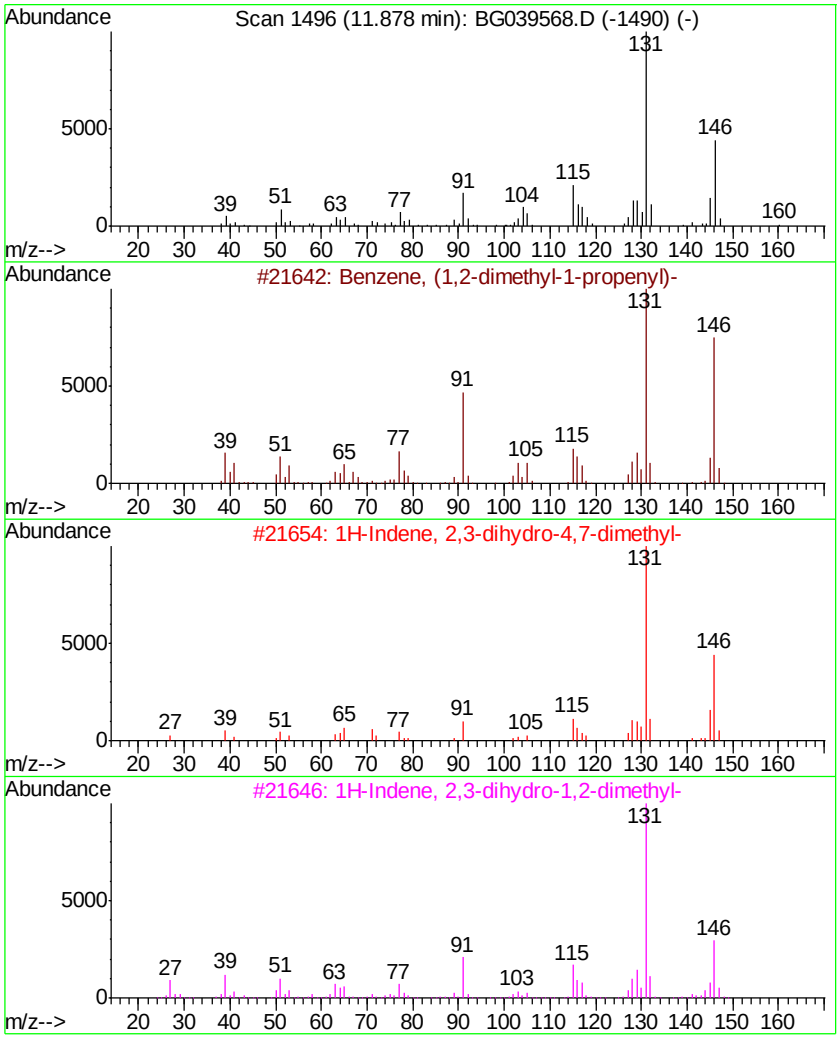
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

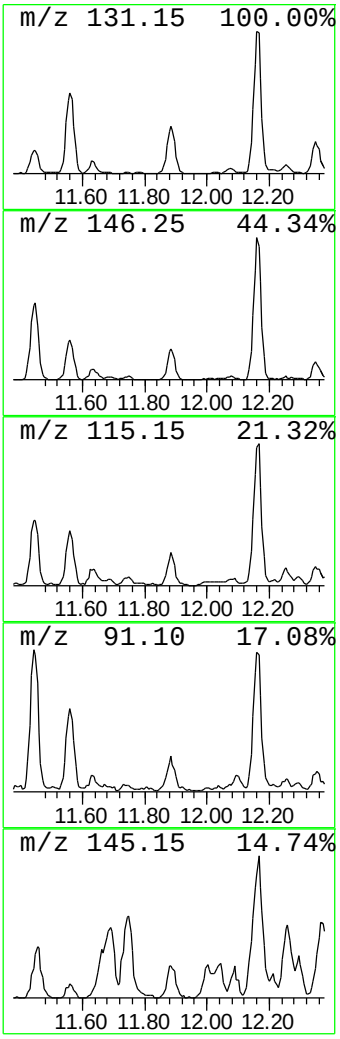
****

Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	18.64 ng	251146	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	97
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	93
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

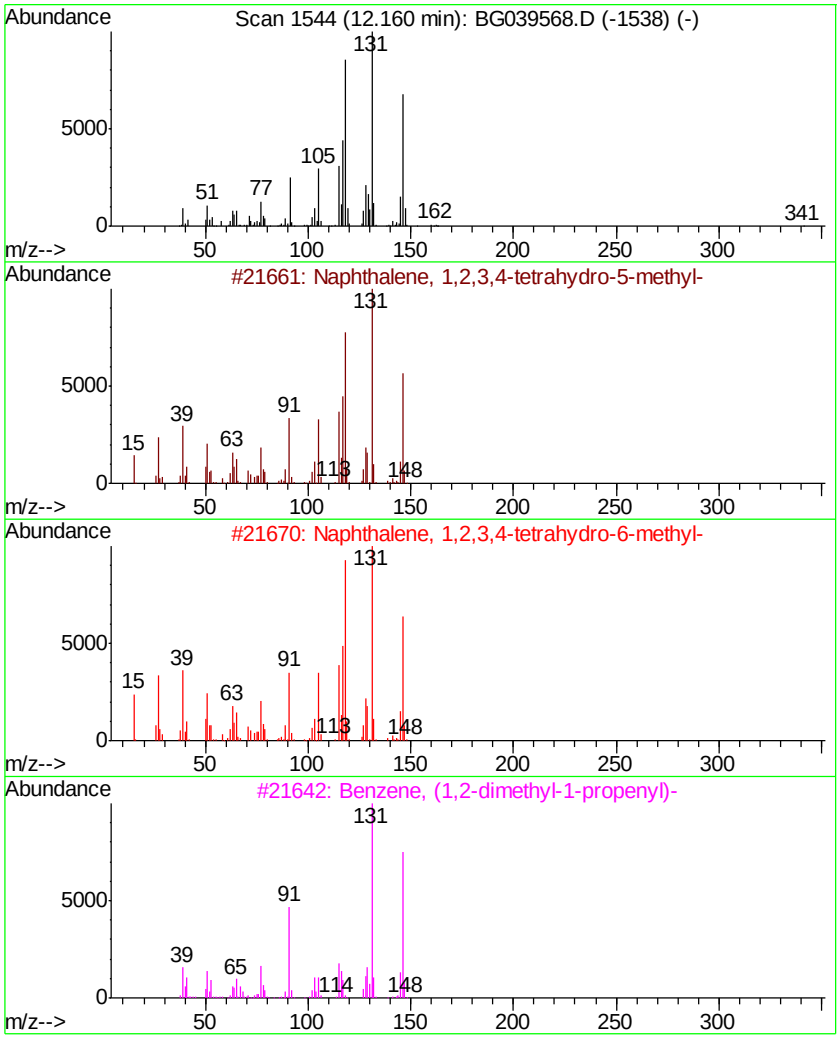
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

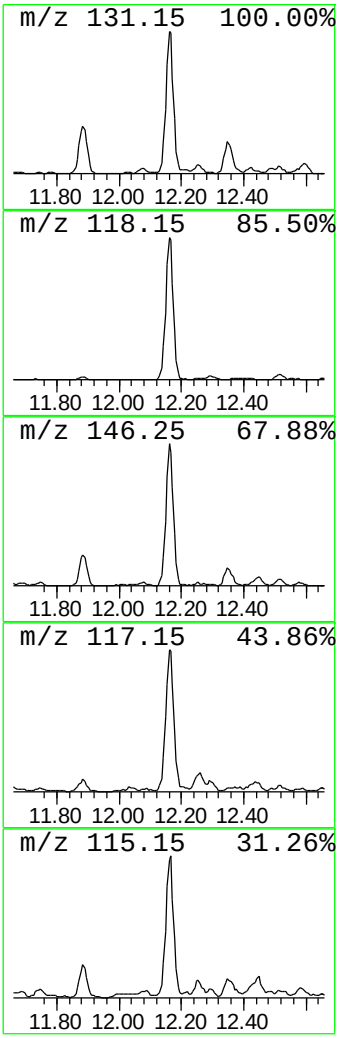
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	82.92 ng	1117500	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

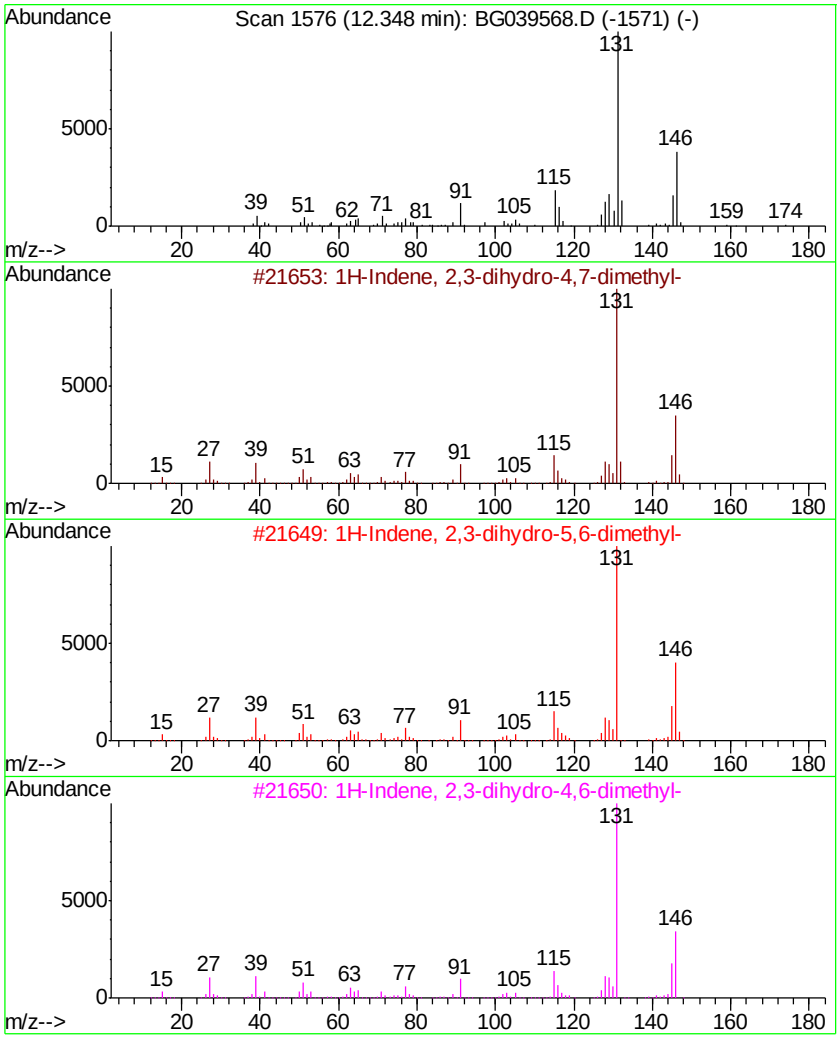
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

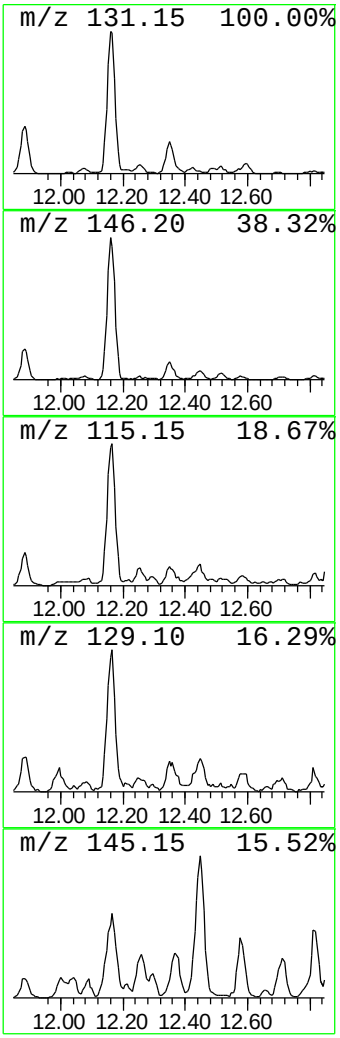
****

Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	13.18 ng	177642	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	94
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
3	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

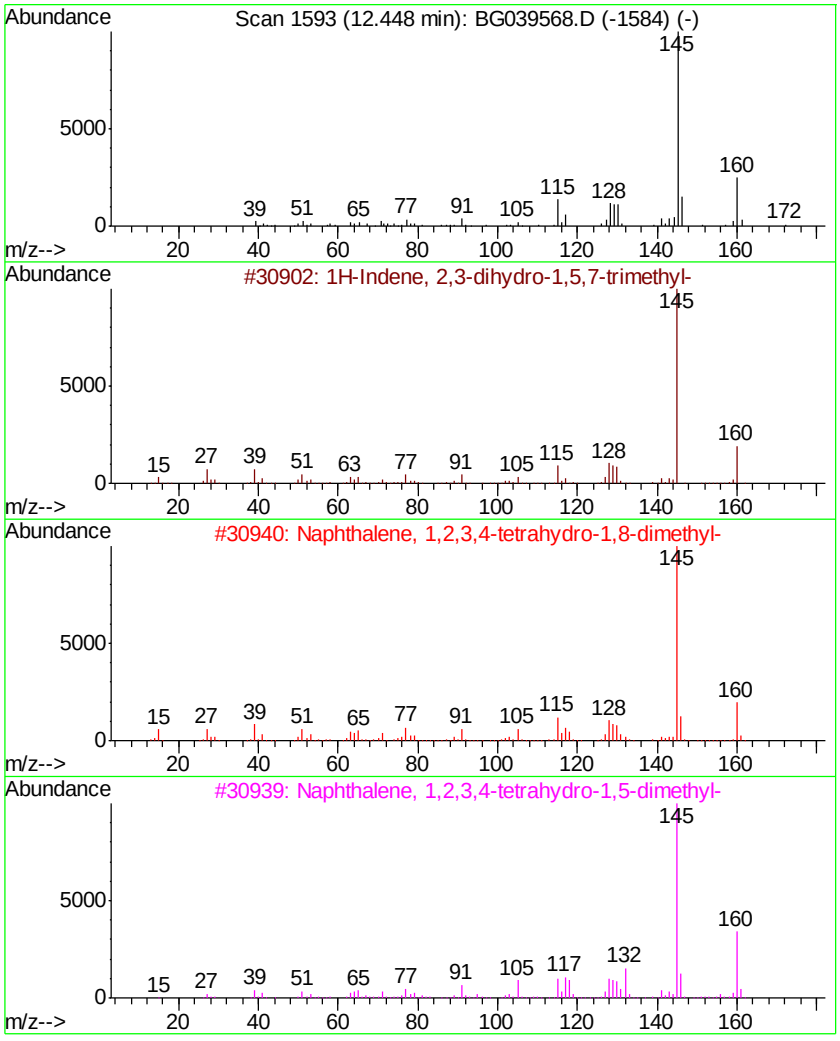
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

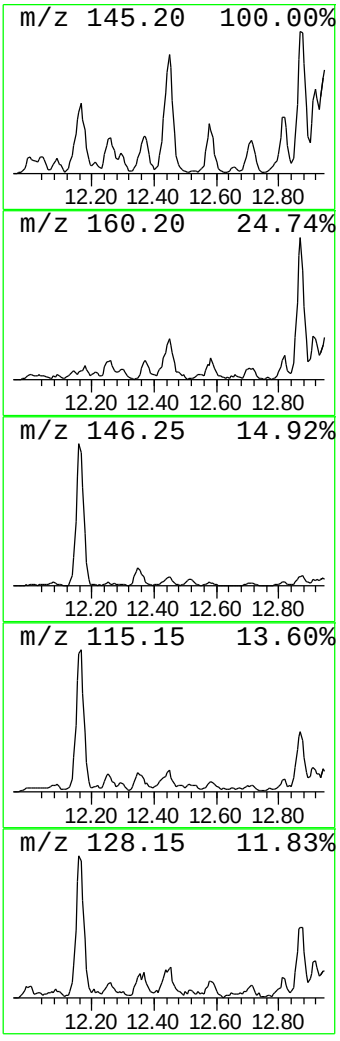
****

Peak Number 15 1H-Indene, 2,3-dihydro-1,5,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	12.68 ng	170860	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

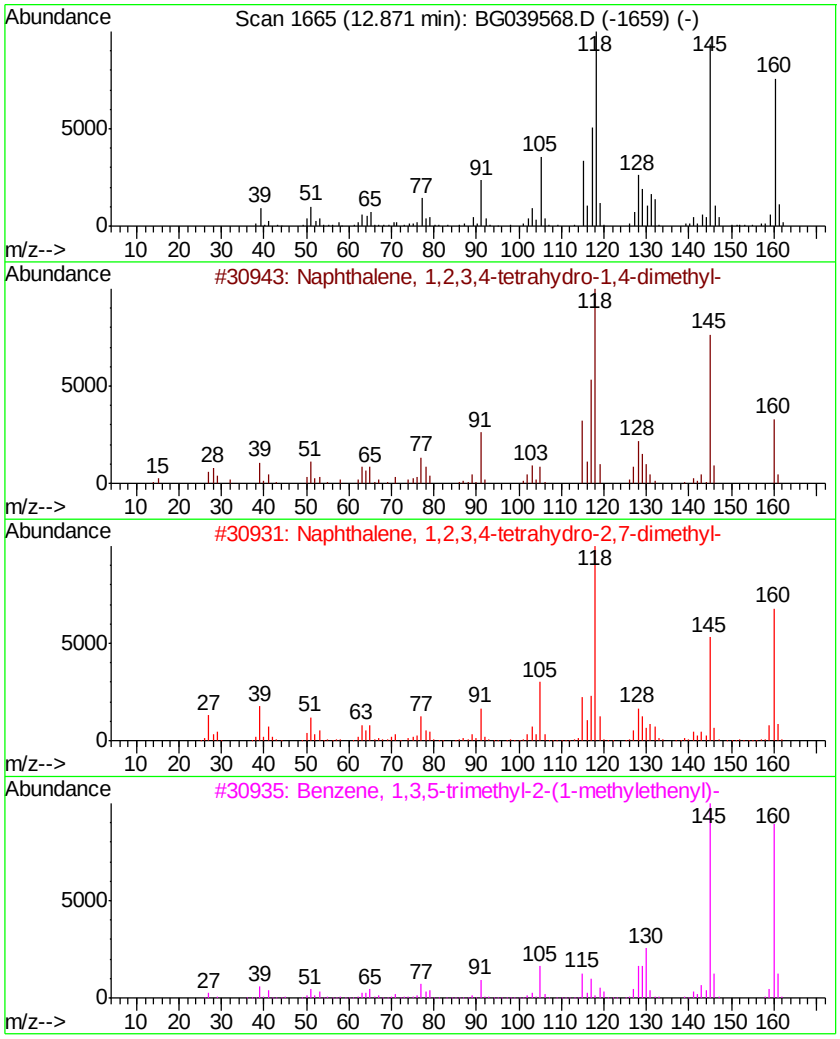
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

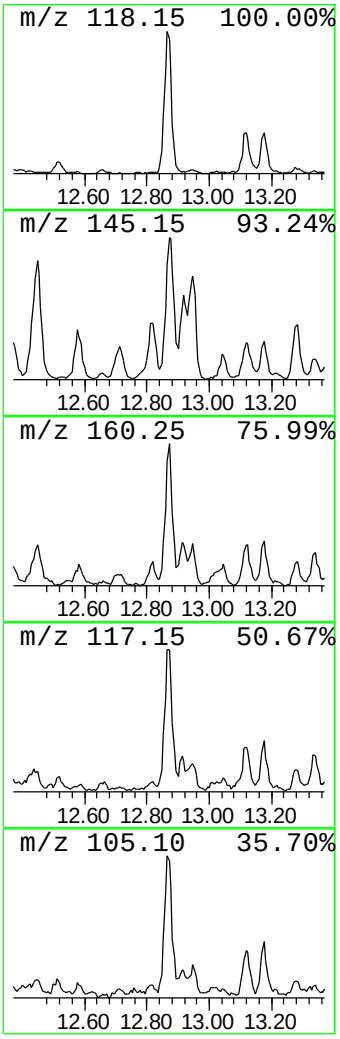
****

Peak Number 16 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	36.37 ng	490174	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	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	87
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	83
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

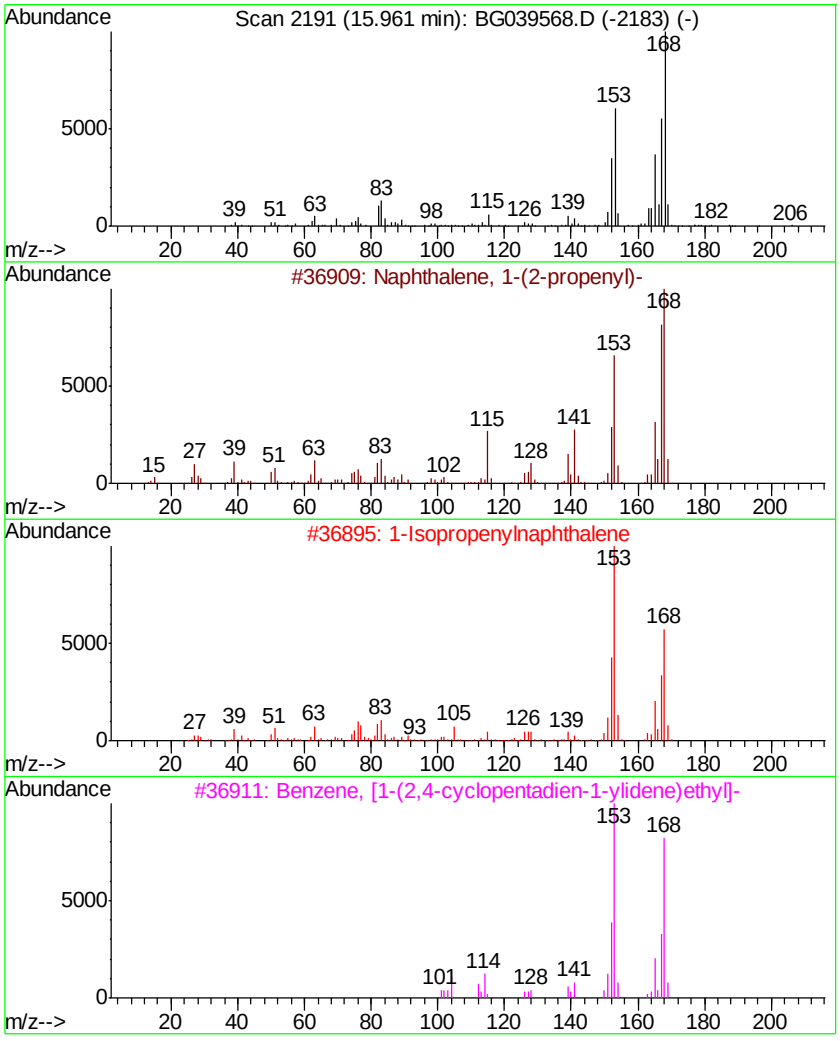
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

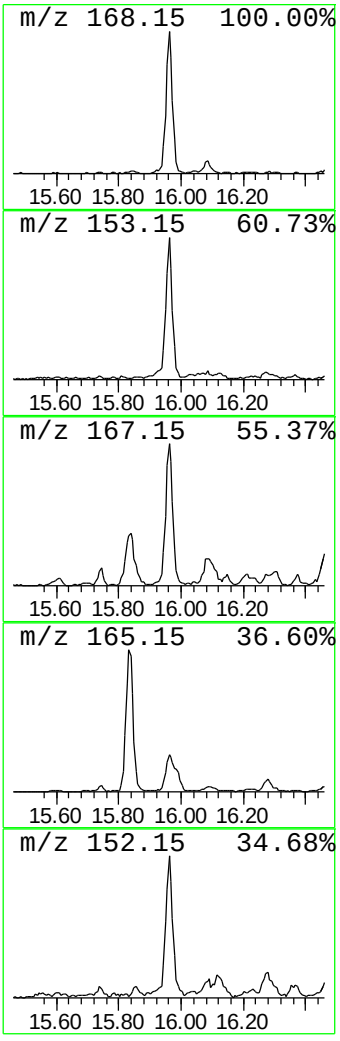
****

Peak Number 17 Naphthalene, 1-(2-propenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	8.12 ng	460668	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	80
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	74
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	72
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

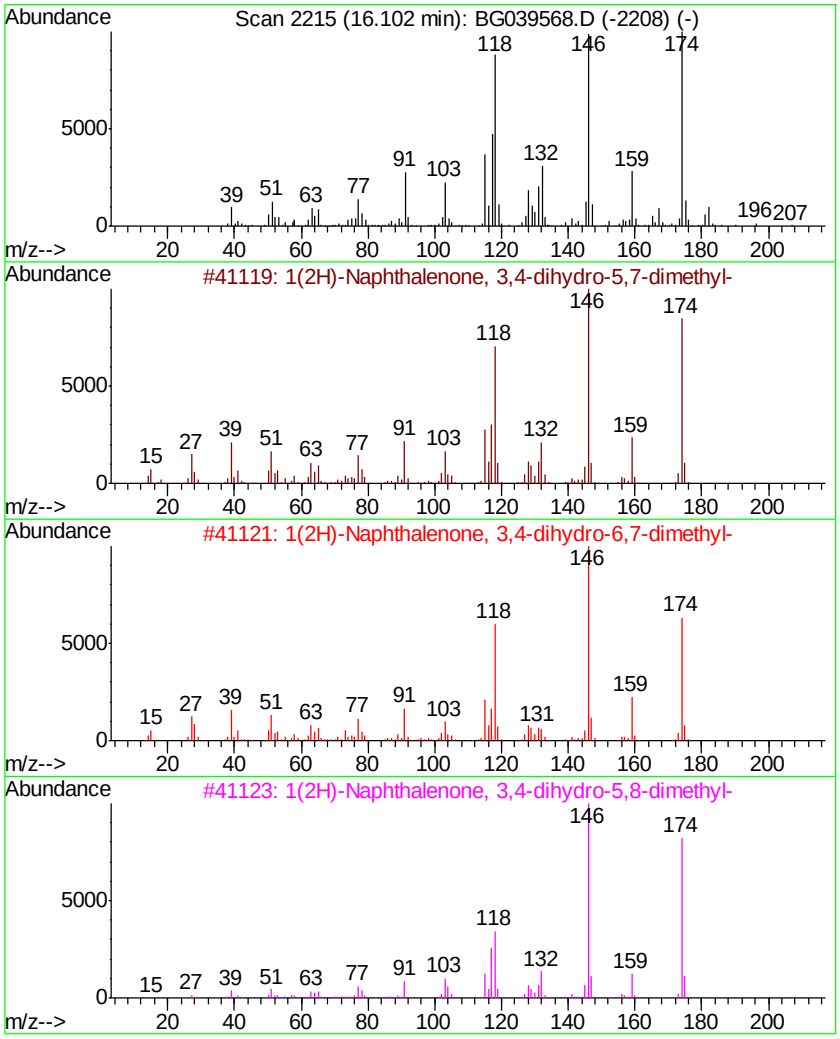
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

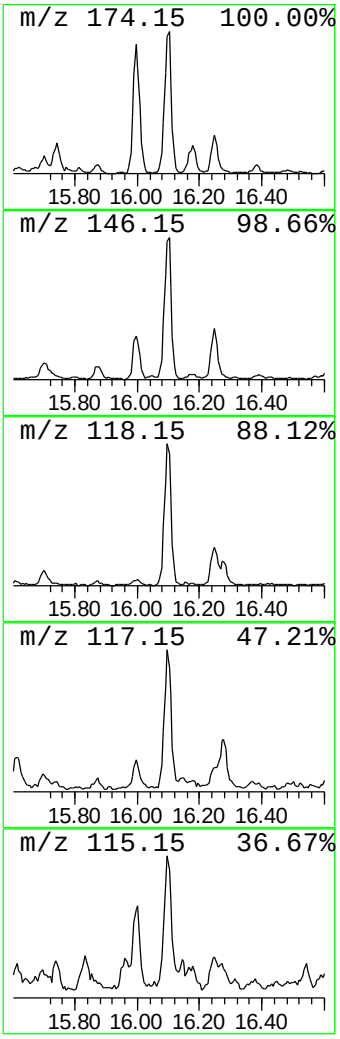
****

Peak Number 18 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	12.33 ng	699649	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	96
2	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	019550-57-3	94
3	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	89
4	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	81
5	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

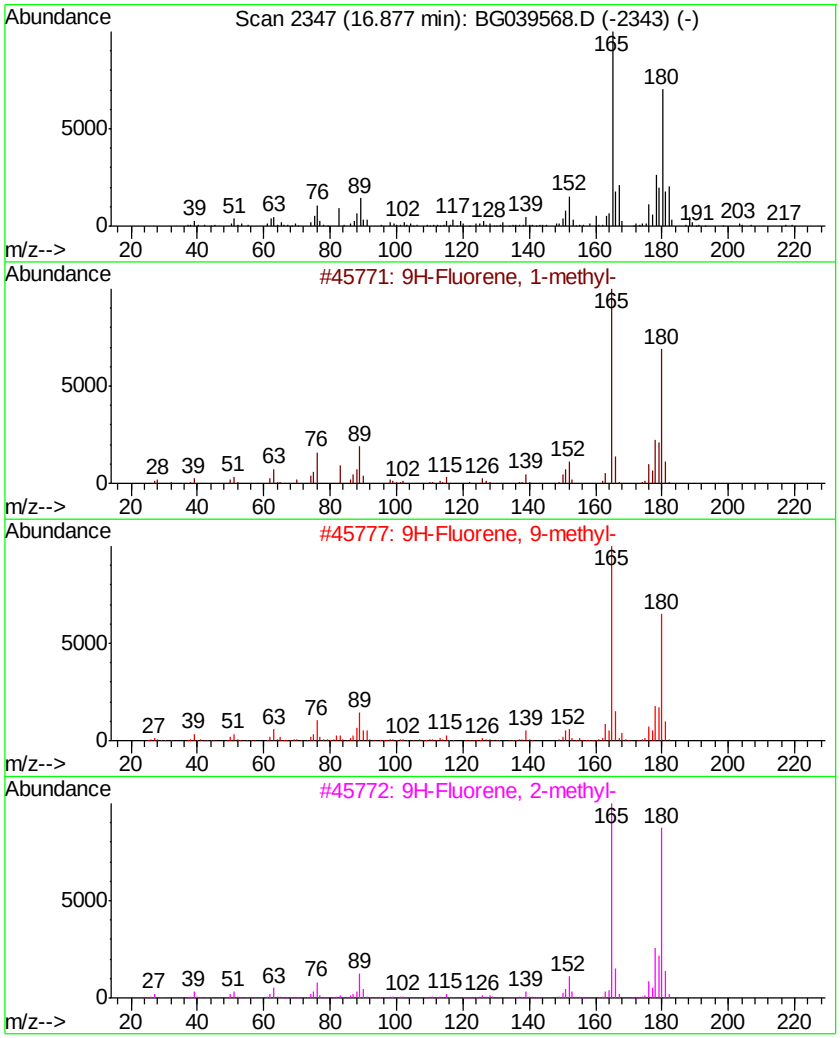
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

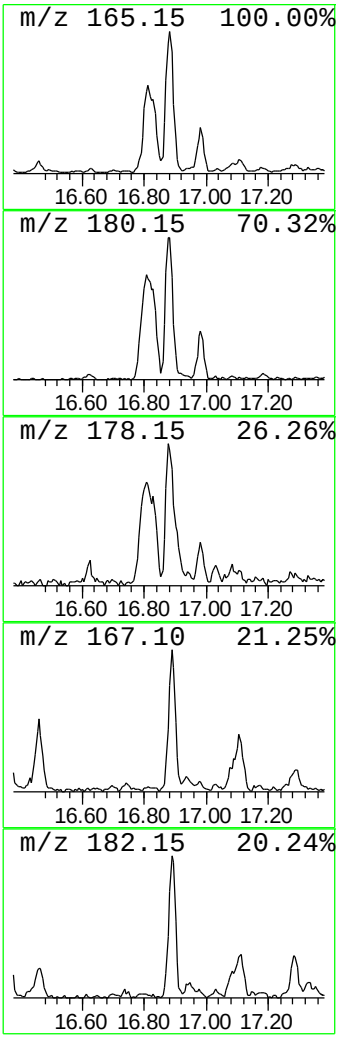
****

Peak Number 19 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	8.93 ng	384757	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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

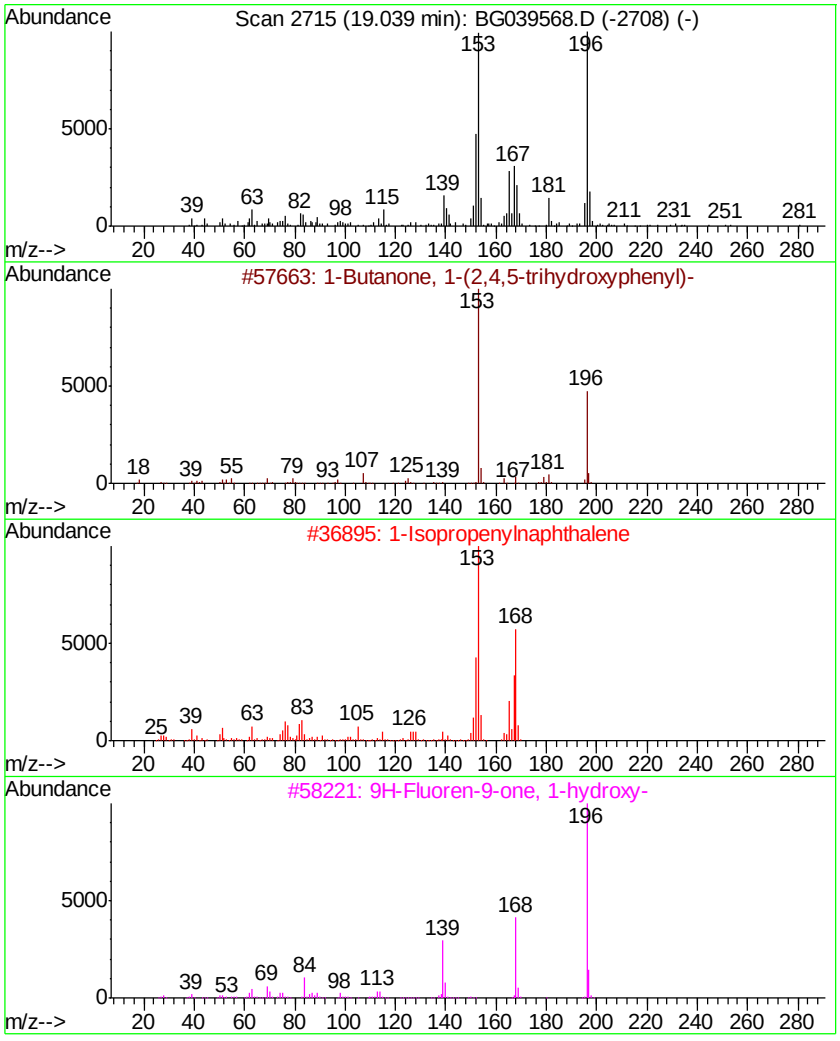
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

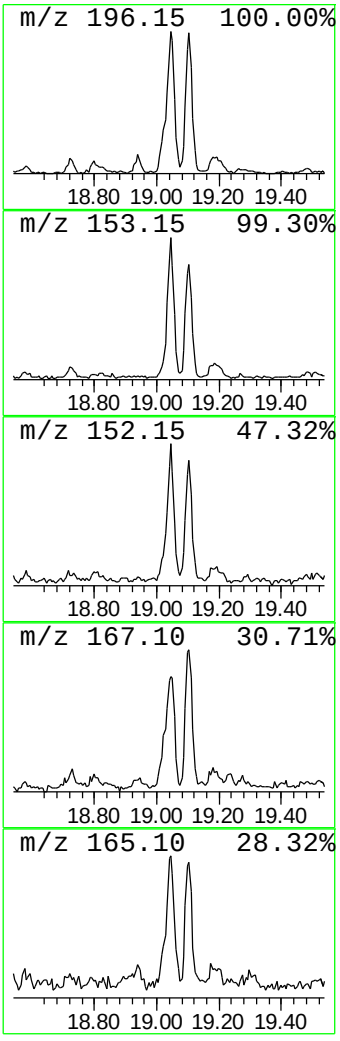
****

Peak Number 20 unknown19.04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	6.79 ng	292602	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanone, 1-(2,4,5-trihydroxyp...	196	C10H12O4	001421-63-2	47
2	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	43
3	9H-Fluoren-9-one, 1-hydroxy-	196	C13H8O2	006344-60-1	38
4	4-Hydroxy-9-fluorenone	196	C13H8O2	001986-00-1	38
5	2-Hydroxy-9-fluorenone	196	C13H8O2	006949-73-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021919\
Data File : BG039568.D
Acq On : 19 Feb 2019 23:41
Operator : JU/SJ
Sample : K1528-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPE-X

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...	3.30	12.7	ng	209759	1	8.17	330220	20.0
unknown7.70	7.70	97.9	ng	1615860	1	8.17	330220	20.0
1H-Indene, 2,3-di...	10.93	9.3	ng	126063	2	10.99	269525	20.0
Benzene, 1-ethyl-...	11.17	12.7	ng	170725	2	10.99	269525	20.0
Naphthalene, 1,2,...	11.44	41.7	ng	562541	2	10.99	269525	20.0
Benzene, (2-methy...	11.56	29.5	ng	397018	2	10.99	269525	20.0
2-Ethyl-2,3-dihyd...	11.63	6.4	ng	86830	2	10.99	269525	20.0
Benzene, (1,2-dim...	11.88	18.6	ng	251146	2	10.99	269525	20.0
Naphthalene, 1,2,...	12.16	82.9	ng	1117500	2	10.99	269525	20.0
1H-Indene, 2,3-di...	12.35	13.2	ng	177642	2	10.99	269525	20.0
1H-Indene, 2,3-di...	12.45	12.7	ng	170860	2	10.99	269525	20.0
Naphthalene, 1,2,...	12.87	36.4	ng	490174	2	10.99	269525	20.0
Naphthalene, 1-(2...	15.96	8.1	ng	460668	3	14.79	1134970	20.0
1(2H)-Naphthaleno...	16.10	12.3	ng	699649	3	14.79	1134970	20.0
9H-Fluorene, 1-me...	16.88	8.9	ng	384757	4	17.54	861618	20.0
unknown19.04	19.04	6.8	ng	292602	4	17.54	861618	20.0