LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

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-BG101118.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	5.649	393	402	414	rBV	429294	720907	17.40%	2.265%
2	7.247	667	674	682	rVV	290951	552160	13.33%	1.735%
3	7.318	682	686	694	rVB	26856	41928	1.01%	0.132%
4	7.635	731	740	751	rBV	769110	1372806	33.14%	4.313%
5	7.741	754	758	766	rVB2	28991	48922	1.18%	0.154%
6	8.111	814	821	831	rBV	217410	405133	9.78%	1.273%
7	8.217	833	839	849	rVB	60276	106324	2.57%	0.334%
8	8.434	867	876	883	rBV	657444	1196150	28.88%	3.758%
9	8.646	908	912	919	rVB	39005	66064	1.59%	0.208%
10	8.740	921	928	934	rBV2	84727	150287	3.63%	0.472%
11	9.057	974	982	986	rBV2	44887	74230	1.79%	0.233%
12	9.110	986	991	997	rVB	38315	62886	1.52%	0.198%
13	9.210	1000	1008	1014	rBV2	118077	207153	5.00%	0.651%
14	9.286	1014	1021	1030	rVB	630081	1204778	29.08%	3.785%
15	9.545	1059	1065	1071	rBV2	44856	85093	2.05%	0.267%
16	9.733	1090	1097	1102	rBV	77636	134846	3.26%	0.424%
17	9.797	1102	1108	1115	rVB	134956	229455	5.54%	0.721%
18	10.109	1155	1161	1166	rVV2	48070	91530	2.21%	0.288%
19	10.168	1166	1171	1181	rVB	77027	156841	3.79%	0.493%
20	10.314	1189	1196	1202	rVV	299801	523761	12.64%	1.646%
21	10.373	1202	1206	1214	rVB3	38003	73341	1.77%	0.230%
22	10.497	1217	1227	1231	rBV4	31750	72109	1.74%	0.227%
23	10.561	1231	1238	1243	rBV	169080	309332	7.47%	0.972%
24	10.608	1243	1246	1254	rVB2	31715	56761	1.37%	0.178%
25	10.902	1287	1296	1297	rBV	105600	191781	4.63%	0.603%
26	10.931	1297	1301	1307	rVB	253580	475004	11.47%	1.492%
27	11.031	1313	1318	1327	rVB	97924	173375	4.19%	0.545%
28	11.125	1327	1334	1341	rVB	35047	65690	1.59%	0.206%
29	11.390	1373	1379	1387	rVB	92459	171430	4.14%	0.539%
30	11.507	1392	1399	1407	rBV2	96718	205753	4.97%	0.646%
31	11.584	1407	1412	1418	rVB	73544	117865	2.85%	0.370%
32	11.836	1447	1455	1463	rBV	103135	194300	4.69%	0.610%
33	12.024	1480	1487	1493	rBV	89848	156668	3.78%	0.492%
34	12.112	1493	1502	1514	rVV	310483	591858	14.29%	1.859%

LSC Area Percent Report

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Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.236	1514	1523	1529	rVB4	39790	98997	2.39%	0.311%
36	12.300	1529	1534	1542	rBV3	76310	158284	3.82%	0.497%
37	12.400	1543	1551	1555	rVV4	32232	89549	2.16%	0.281%
38	12.465	1555	1562	1569	rVV	270422	487915	11.78%	1.533%
39	12.529	1569	1573	1577	rVV3	28412	53665	1.30%	0.169%
40	12.582	1577	1582	1589	rVV	58862	107366	2.59%	0.337%
41	12.823	1610	1623	1628	rBV3	165629	441145	10.65%	1.386%
42	12.894	1633	1635	1641	rVB2	79870	118082	2.85%	0.371%
43	13.076	1657	1666	1672	rBV4	55971	143830	3.47%	0.452%
44	13.129	1672	1675	1680	rVB2	44975	62609	1.51%	0.197%
45	13.235	1686	1693	1697	rBV3	39696	87677	2.12%	0.275%
46	13.287	1698	1702	1708	rVV	73608	135765	3.28%	0.427%
47	13.370	1708	1716	1724	rVV	1650596	2627397	63.43%	8.255%
48	13.446	1724	1729	1737	rVB3	27590	54256	1.31%	0.170%
49	13.575	1745	1751	1755	rBV5	46340	91597	2.21%	0.288%
50	13.681	1762	1769	1773	rBV	123291	231866	5.60%	0.728%
51	13.734	1773	1778	1782	rVV4	84263	174929	4.22%	0.550%
52	13.769	1782	1784	1790	rVV2	28997	42446	1.02%	0.133%
53	13.898	1800	1806	1822	rBV5	138899	397140	9.59%	1.248%
54	14.057	1822	1833	1838	rBV3	180778	483365	11.67%	1.519%
55	14.110	1838	1842	1848	rVV5	138840	276738	6.68%	0.869%
56	14.186	1848	1855	1860	rVB	98342	163186	3.94%	0.513%
57	14.245	1860	1865	1870	rBV4	43481	84809	2.05%	0.266%
58	14.298	1870	1874	1877	rVV3	74518	134219	3.24%	0.422%
59	14.327	1877	1879	1884	rVV4	57011	84925	2.05%	0.267%
60	14.380	1884	1888	1893	rVB5	42926	65741	1.59%	0.207%
61	14.462	1896	1902	1908	rBV6	41841	86872	2.10%	0.273%
62	14.633	1925	1931	1935	rBV7	25490	55748	1.35%	0.175%
63	14.745	1938	1950	1958	rBV2	537792	975118	23.54%	3.064%
64	14.944	1974	1984	1993	rBV5	45860	152312	3.68%	0.479%
65	15.126	2011	2015	2024	rVB3	50110	91986	2.22%	0.289%
66	15.209	2024	2029	2034	rBV3	48799	74974	1.81%	0.236%
67	15.356	2047	2054	2055	rBV2	68295	110053	2.66%	0.346%
68	15.514	2078	2081	2085	rVV4	33685	64192	1.55%	0.202%
69	15.555	2085	2088	2095	rVB6	56958	93216	2.25%	0.293%
70	15.690	2105	2111	2120	rVB6	24019	46897	1.13%	0.147%
71	15.914	2144	2149	2154	rBV3	64459	110186	2.66%	0.346%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5519-01
Misc :
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Instrument : BNA_G
ClientSampleId : BS-DRUM

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.231	2196	2203	2212	rBV	1261798	2039593	49.24%	6.408%
73	16.448	2237	2240	2252	rVB7	37001	98530	2.38%	0.310%
74	16.842	2302	2307	2317	rVB7	37449	92078	2.22%	0.289%
75	17.488	2411	2417	2424	rBV2	749752	1167983	28.20%	3.670%
76	17.947	2489	2495	2501	rBV	196278	318953	7.70%	1.002%
77	18.141	2523	2528	2537	rVB7	37722	74684	1.80%	0.235%
78	18.352	2559	2564	2576	rBV3	165804	306408	7.40%	0.963%
79	18.569	2595	2601	2619	rBV	346406	595329	14.37%	1.870%
80	19.615	2775	2779	2790	rBV3	88364	161748	3.90%	0.508%
81	20.091	2854	2860	2874	rVB	3019607	4142418	100.00%	13.015%
82	21.384	3076	3080	3090	rVB6	44964	85316	2.06%	0.268%
83	21.636	3119	3123	3129	rVB	31894	45631	1.10%	0.143%
84	21.772	3139	3146	3160	rVB2	749063	1268229	30.62%	3.984%
85	22.571	3277	3282	3286	rBV	44557	69676	1.68%	0.219%
86	22.958	3341	3348	3356	rBV	154576	303681	7.33%	0.954%
87	23.287	3397	3404	3413	rVB	74099	151005	3.65%	0.474%
88	23.487	3433	3438	3445	rVB2	31445	64791	1.56%	0.204%
89	24.122	3539	3546	3553	rBV2	72178	166073	4.01%	0.522%
90	25.115	3704	3715	3729	rBV3	460071	1422286	34.33%	4.469%
91	26.290	3906	3915	3927	rVB4	48149	156189	3.77%	0.491%
92	27.712	4150	4157	4164	rVB6	19639	52900	1.28%	0.166%

Sum of corrected areas: 31829074

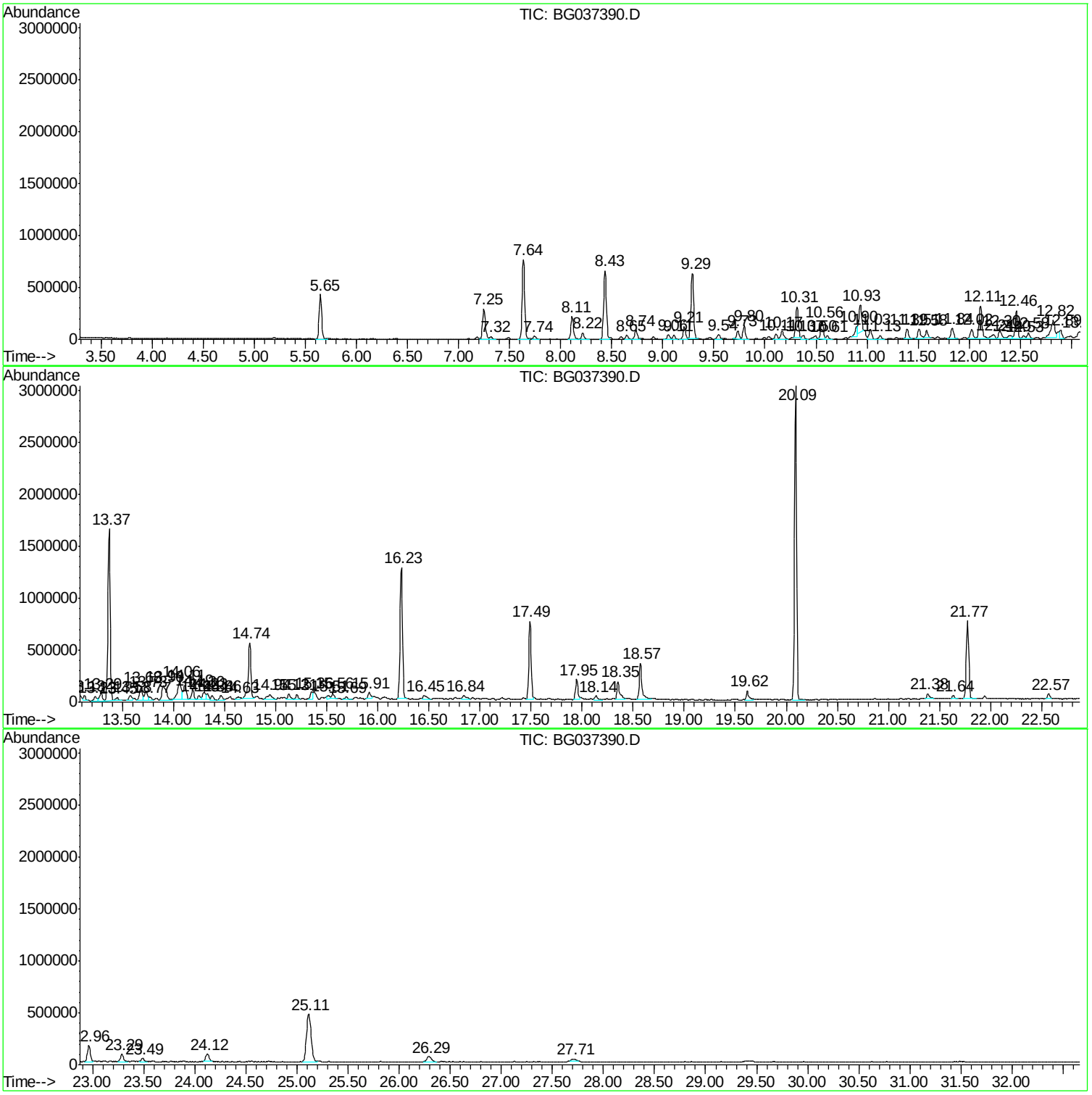
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.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\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

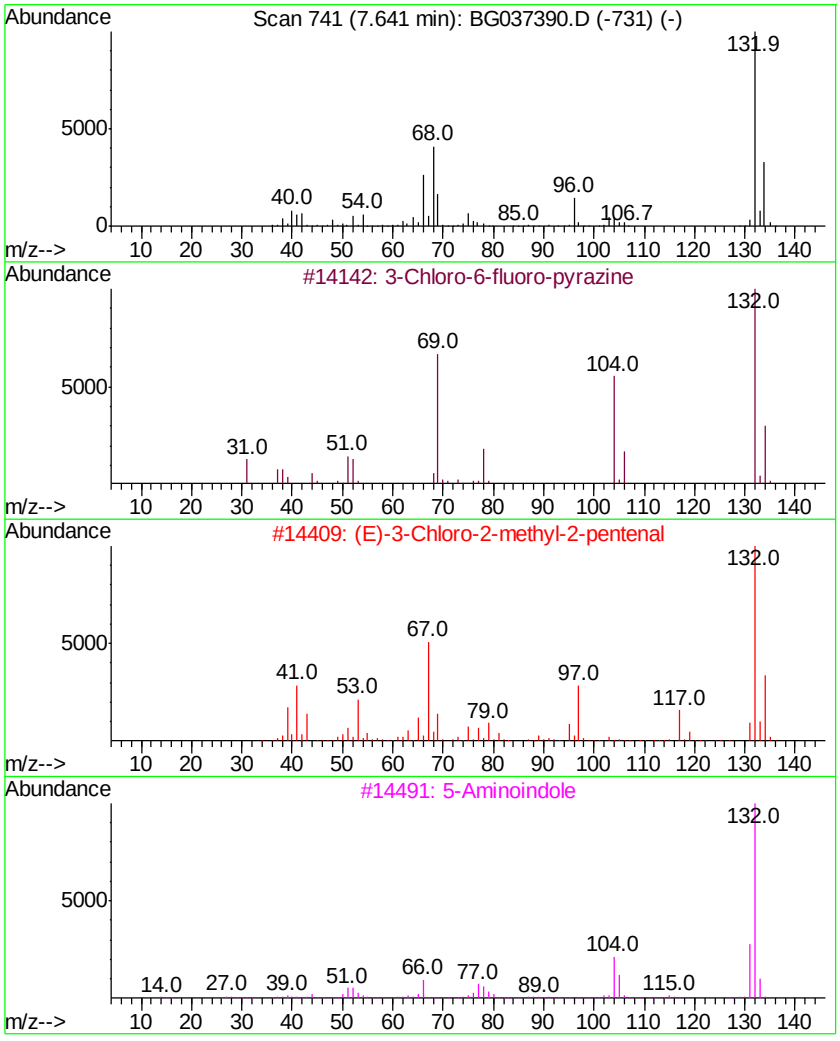
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

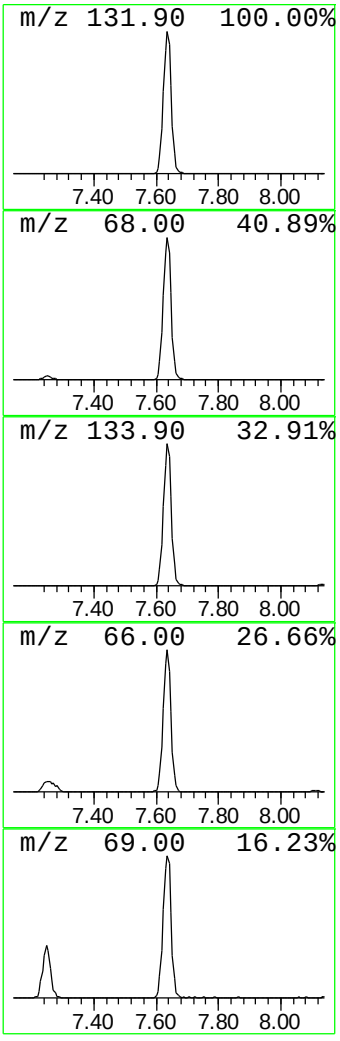
****

Peak Number 1 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	67.77 ng	1372810	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

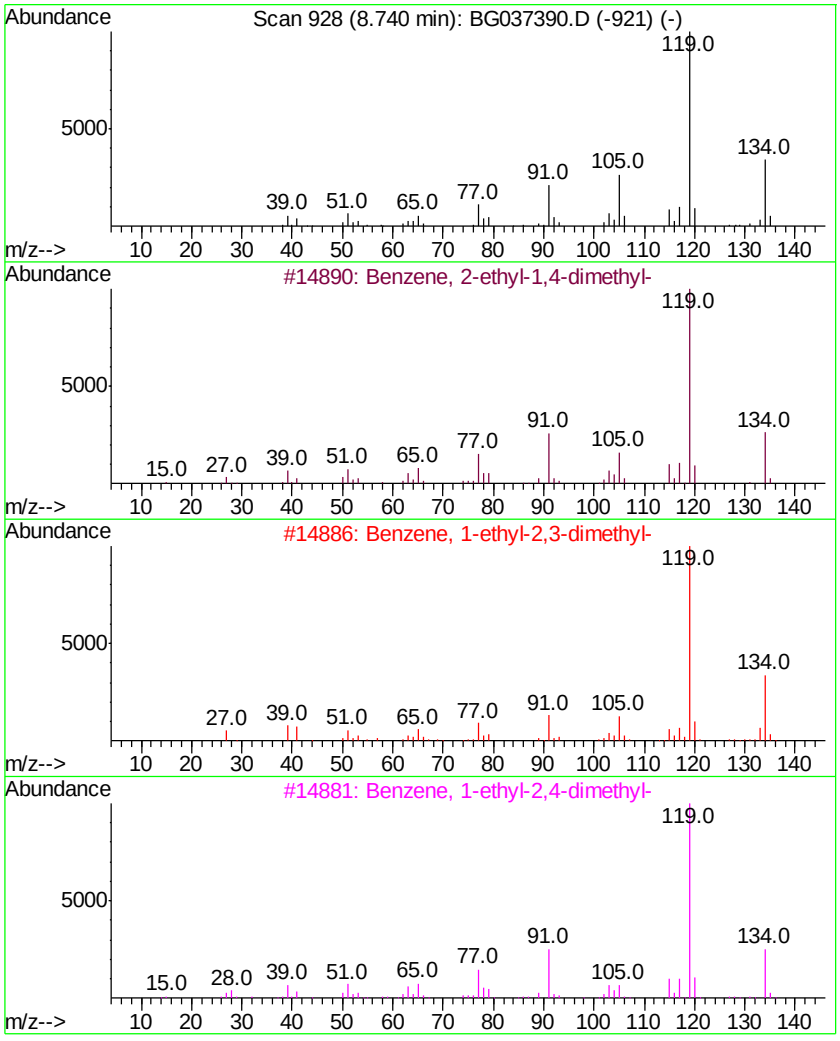
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

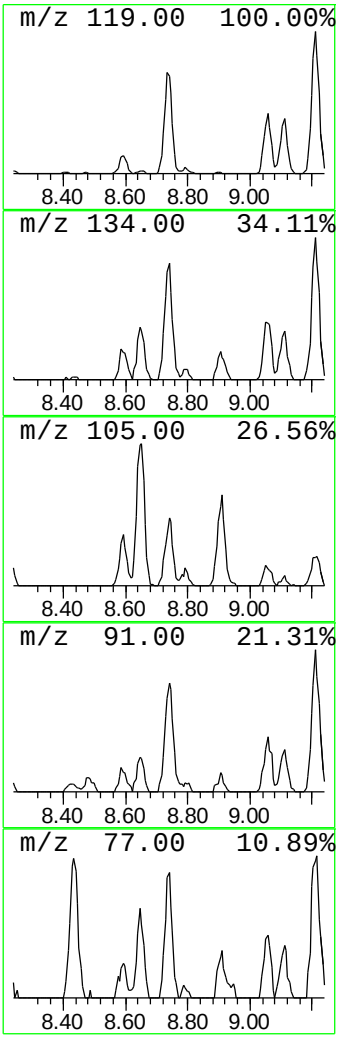
****

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	7.42 ng	150287	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

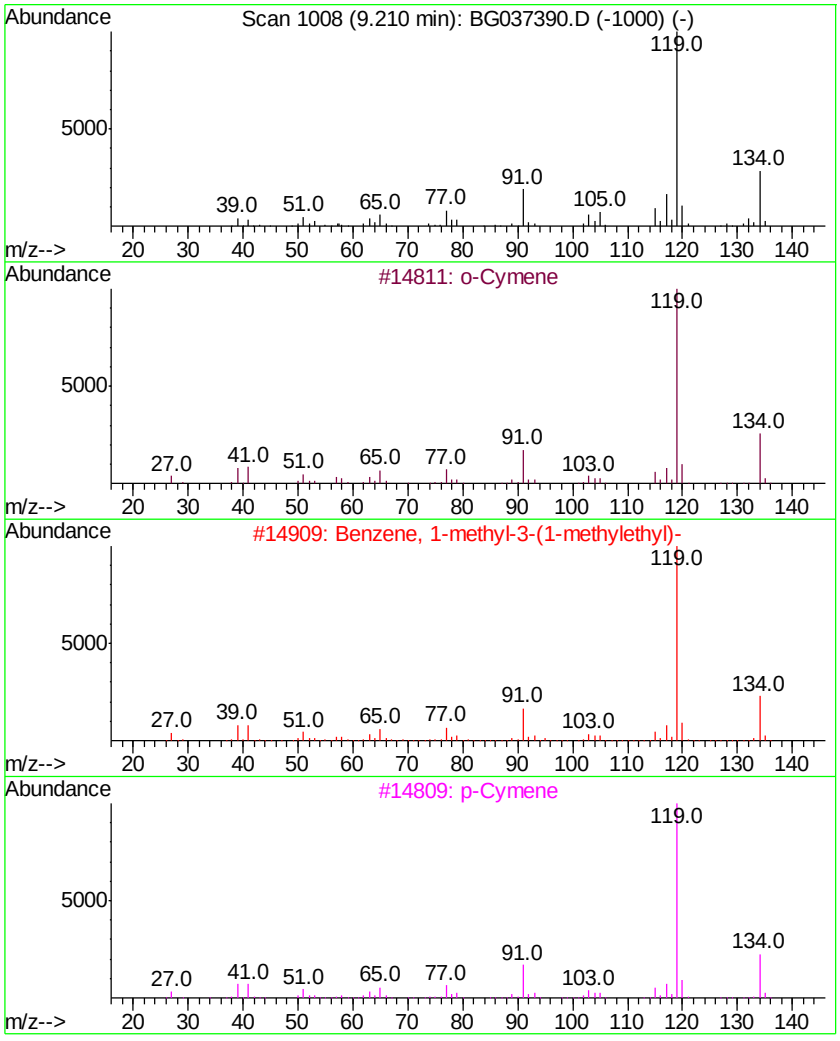
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

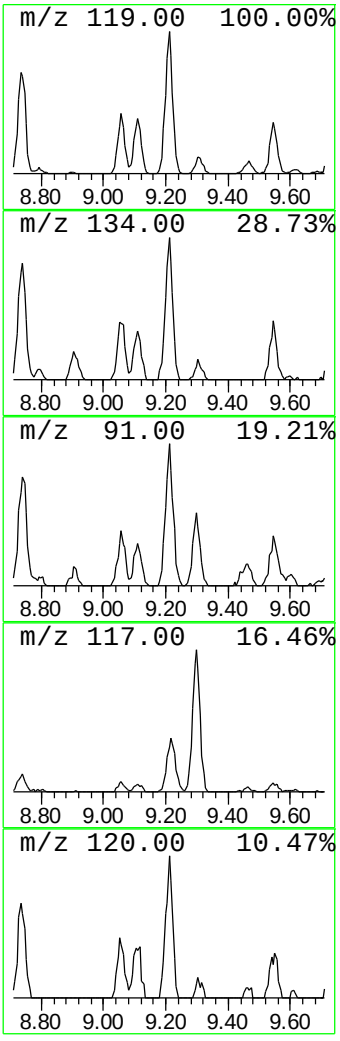
****

Peak Number 4 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	10.23 ng	207153	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93





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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

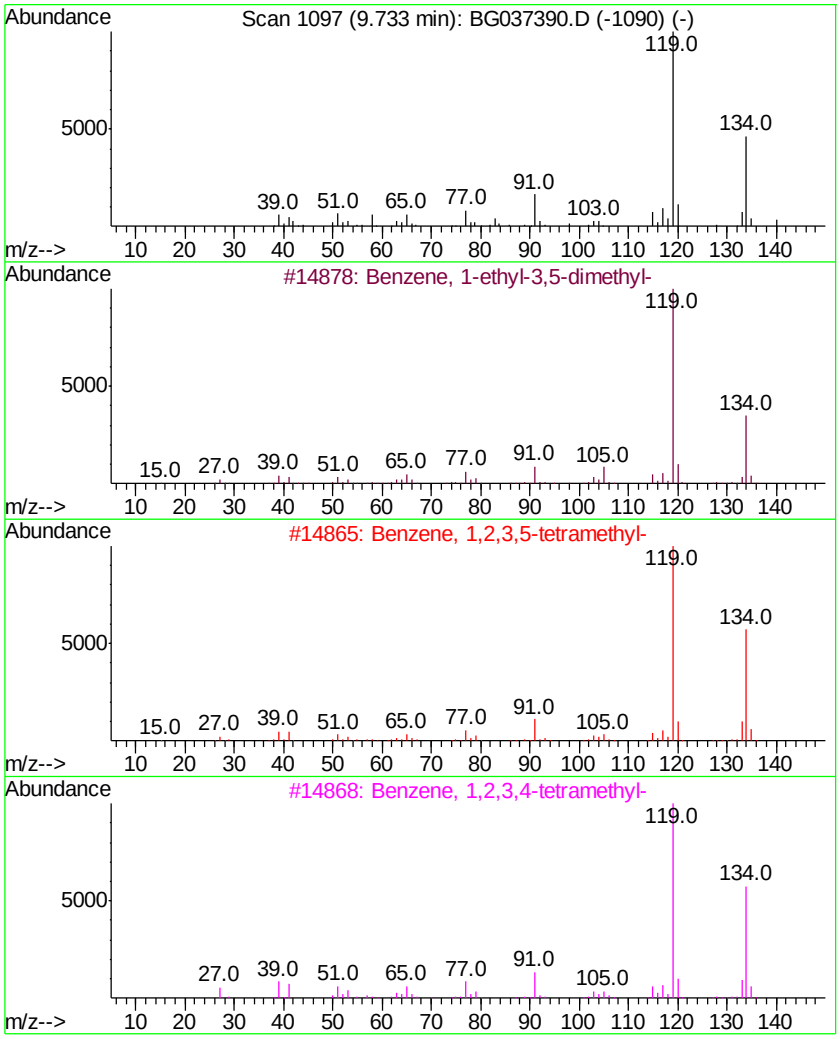
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

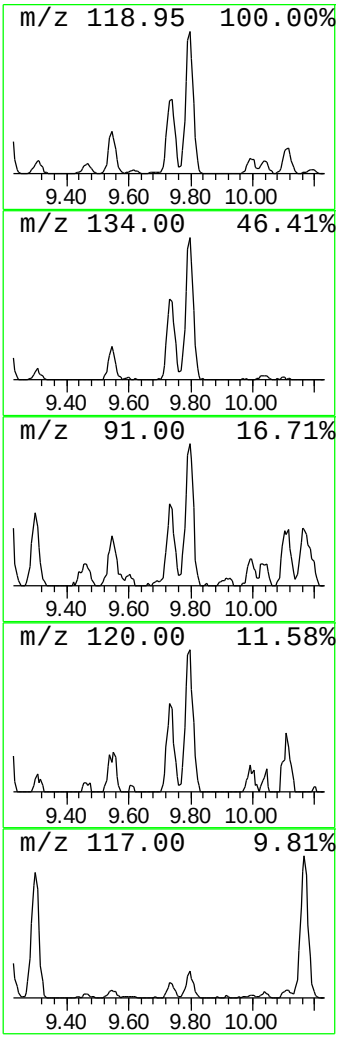
****

Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	5.68 ng	134846	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

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Data File : BG037390.D
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Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

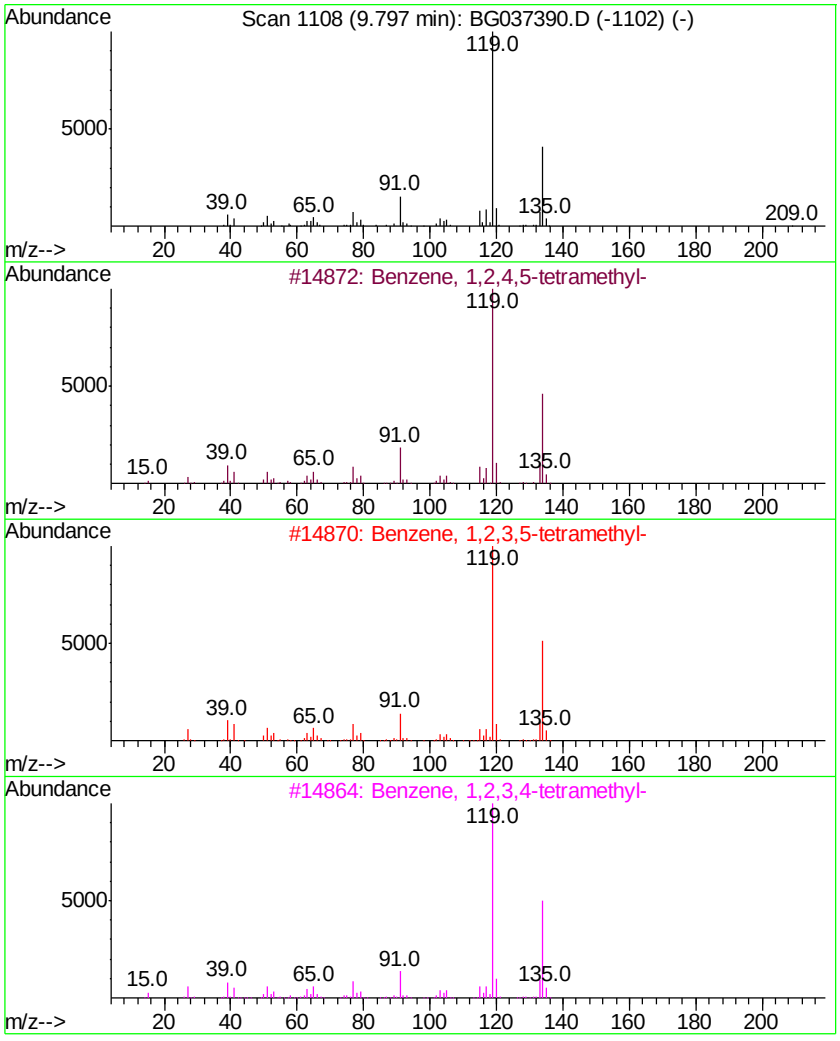
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

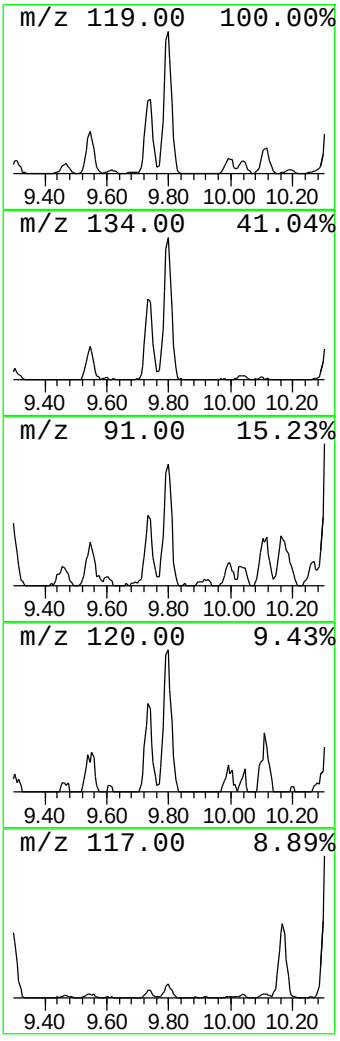
****

Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	9.66 ng	229455	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

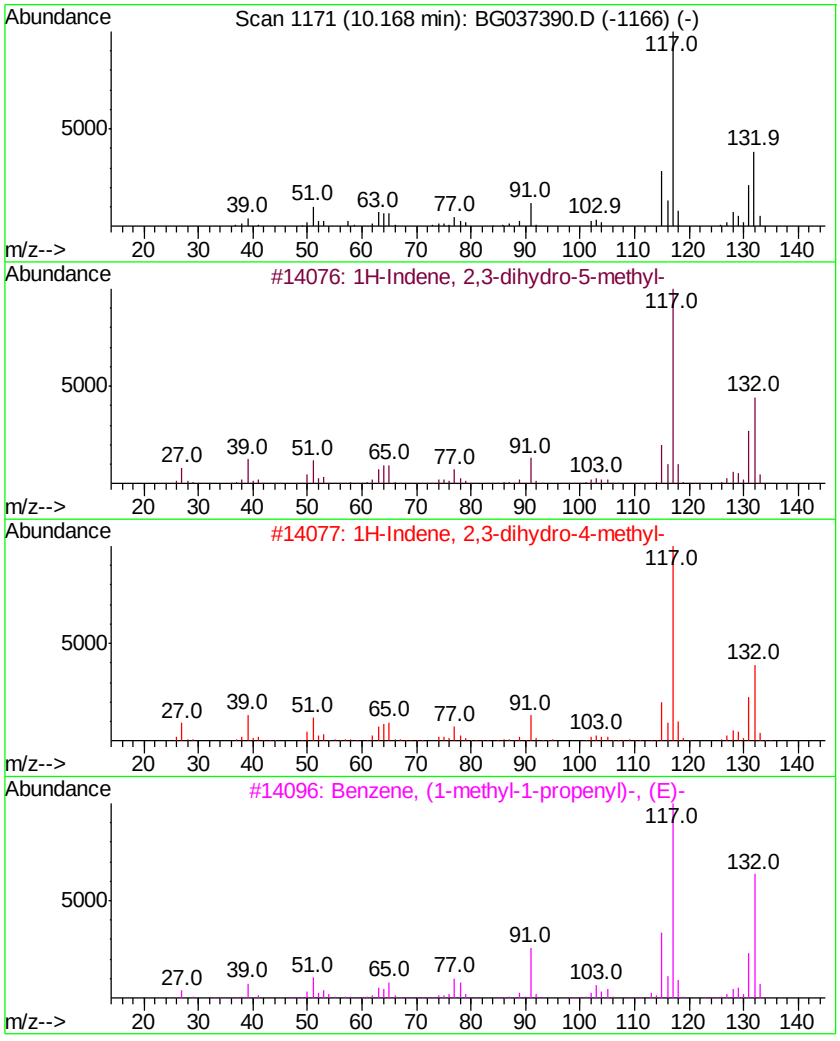
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

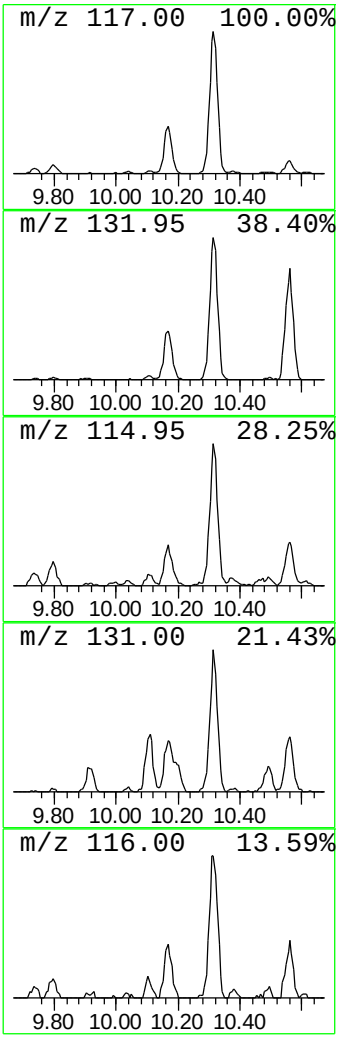
****

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	6.60 ng	156841	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	95
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

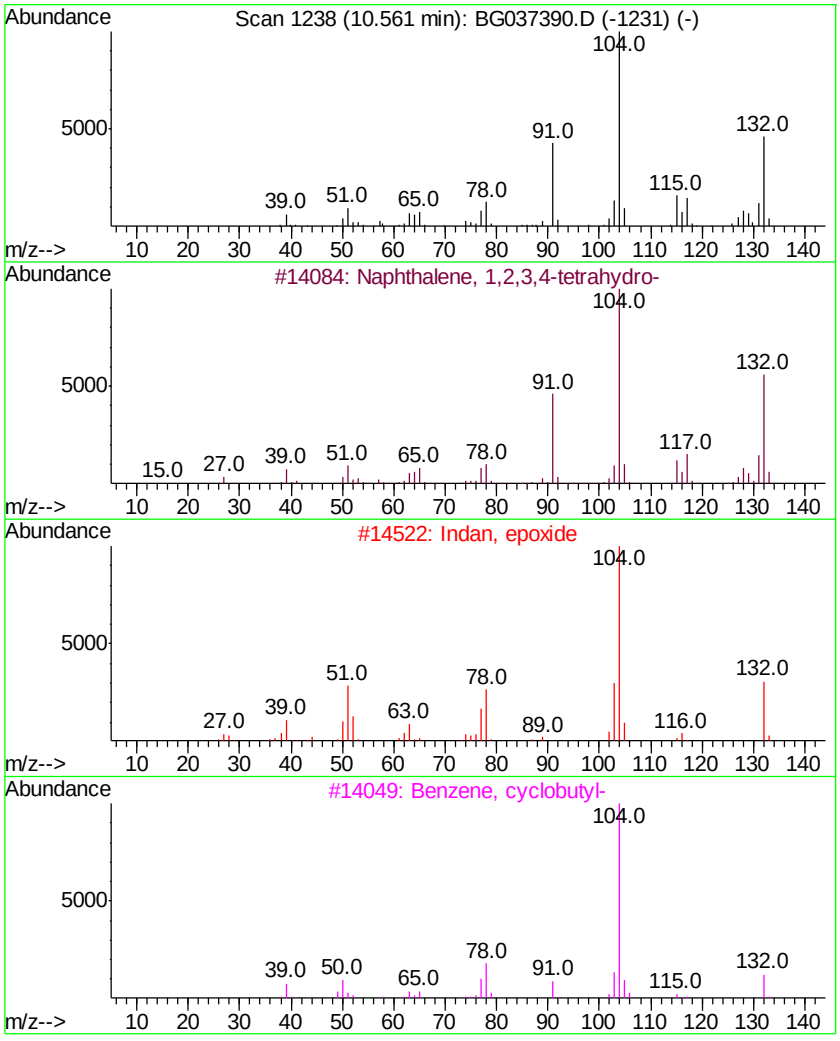
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

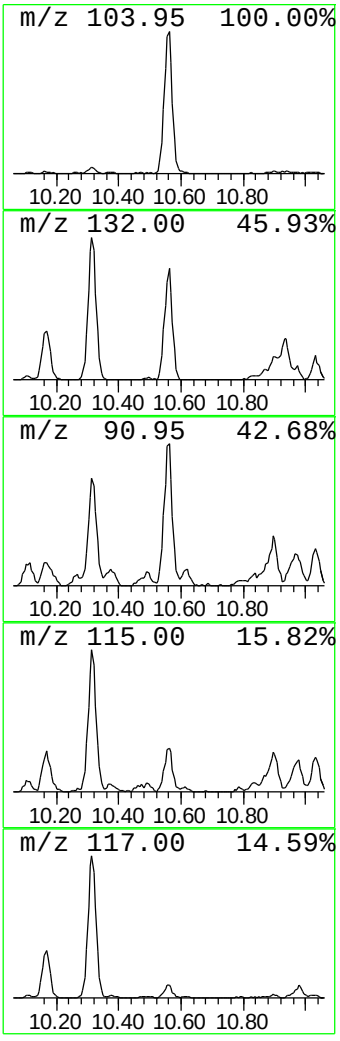
****

Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	13.02 ng	309332	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Indan, epoxide	132	C9H8O	000768-22-9	62
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46





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Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

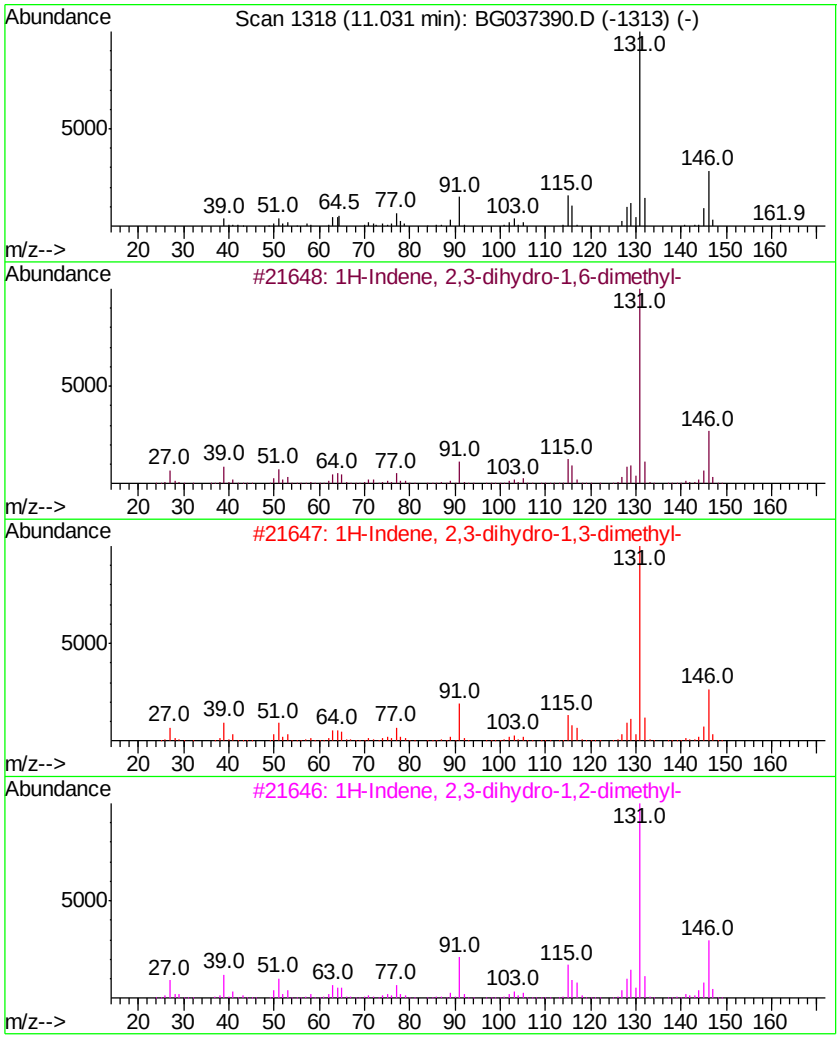
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

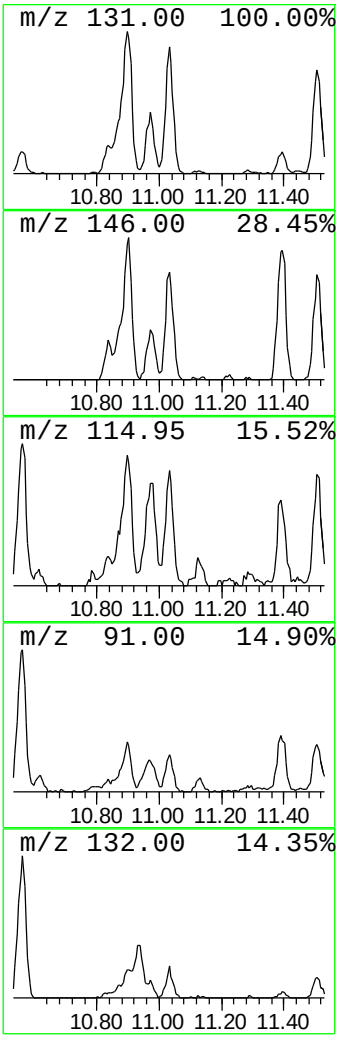
****

Peak Number 10 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	7.30 ng	173375	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	95
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90





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Data File : BG037390.D
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Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

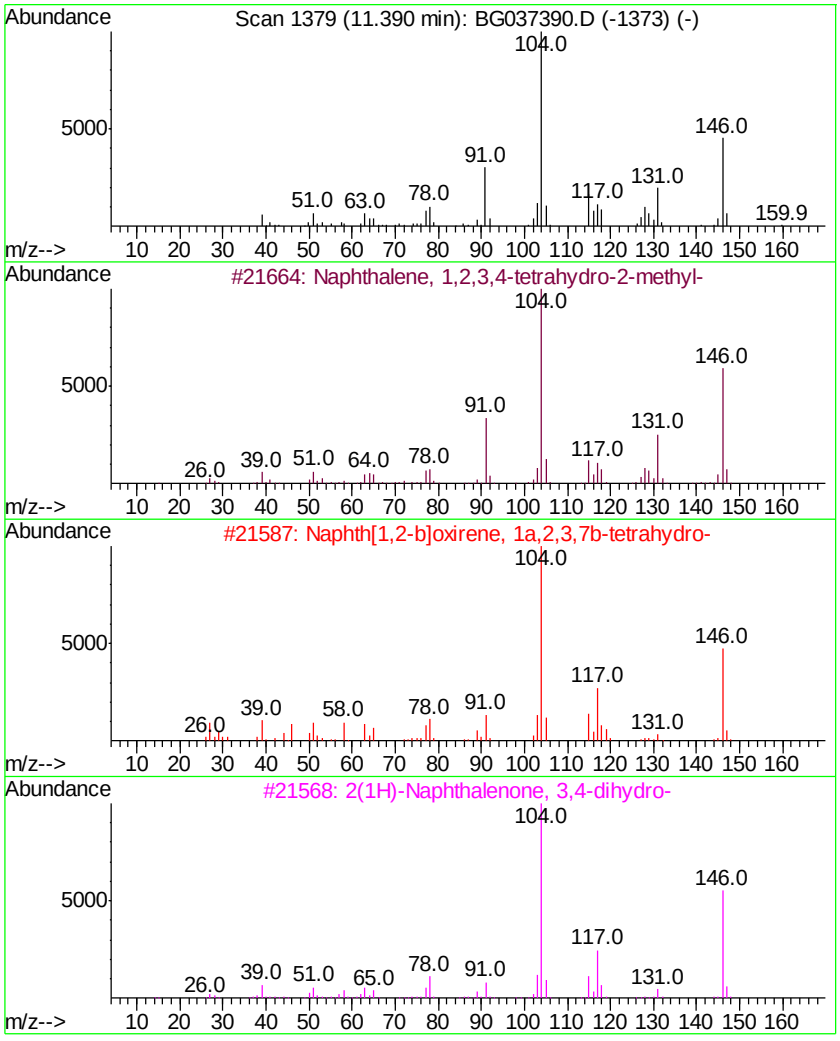
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

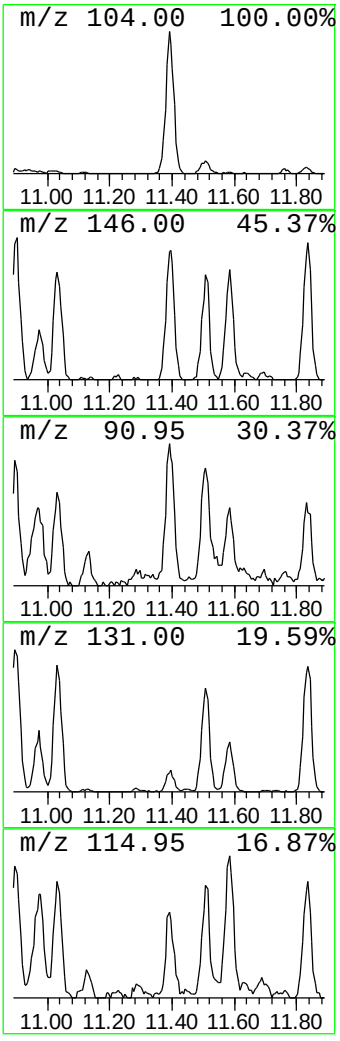
****

Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	7.22 ng	171430	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	96
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	62
4	Benzoic acid, 2-phenylethyl ester	226	C15H14O2	000094-47-3	35
5	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35





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Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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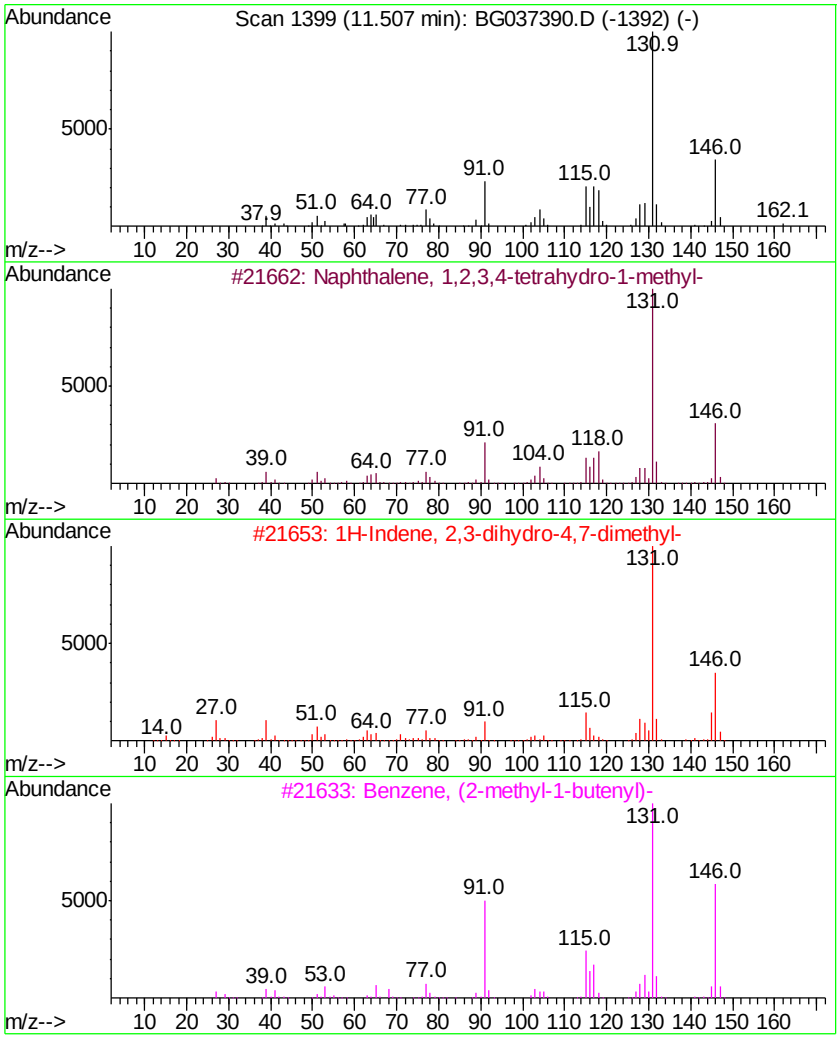
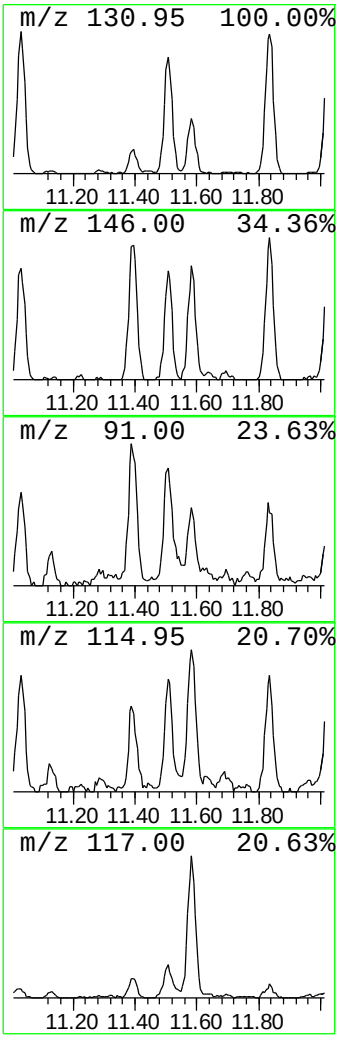
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	8.66 ng	205753	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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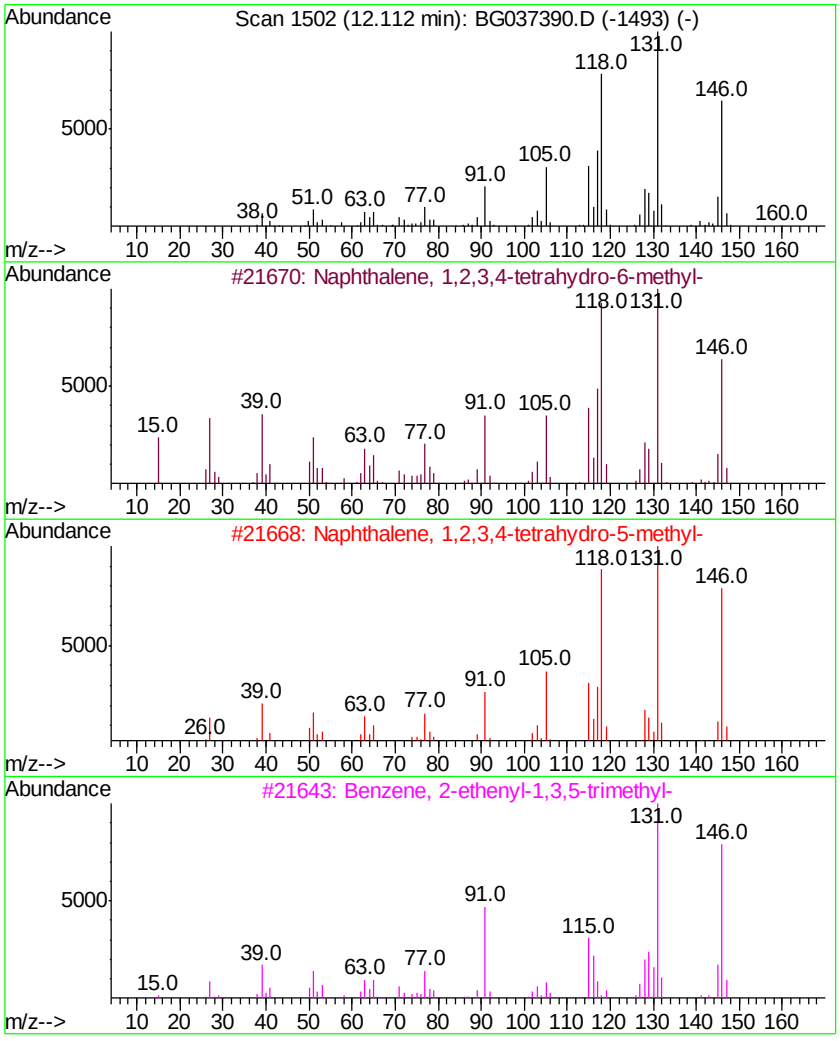
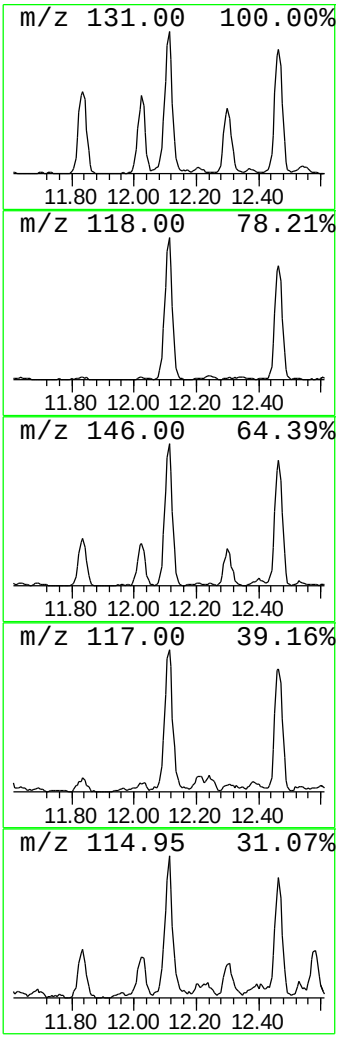
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	24.92 ng	591858	Naphthalene-d8	10.93

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, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

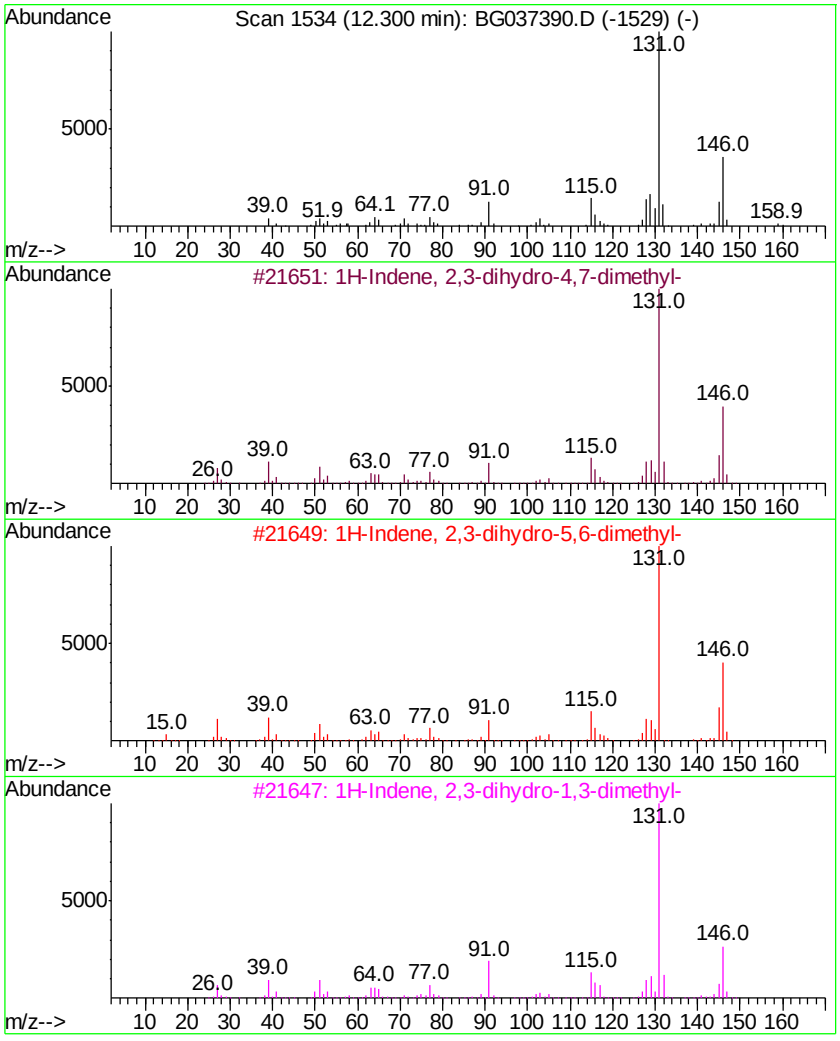
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

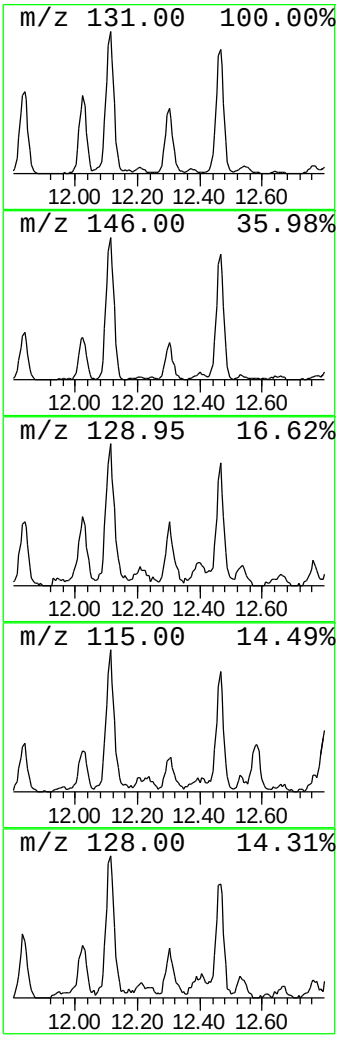
****

Peak Number 16 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	6.66 ng	158284	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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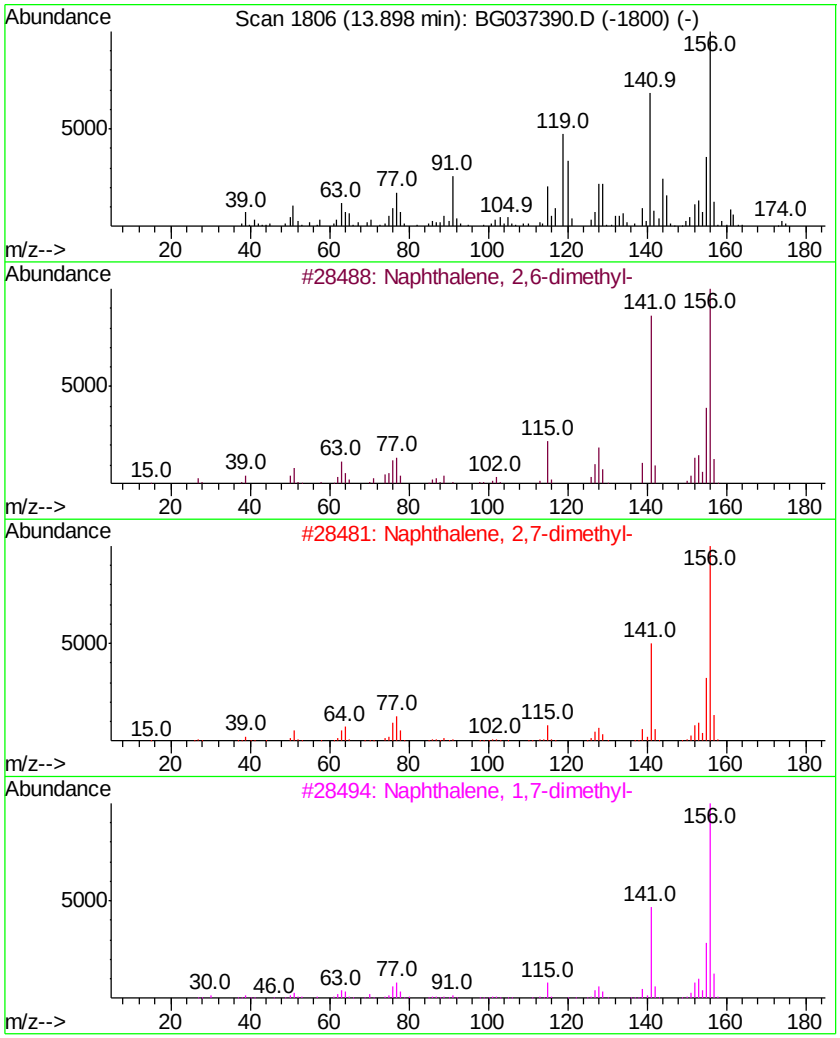
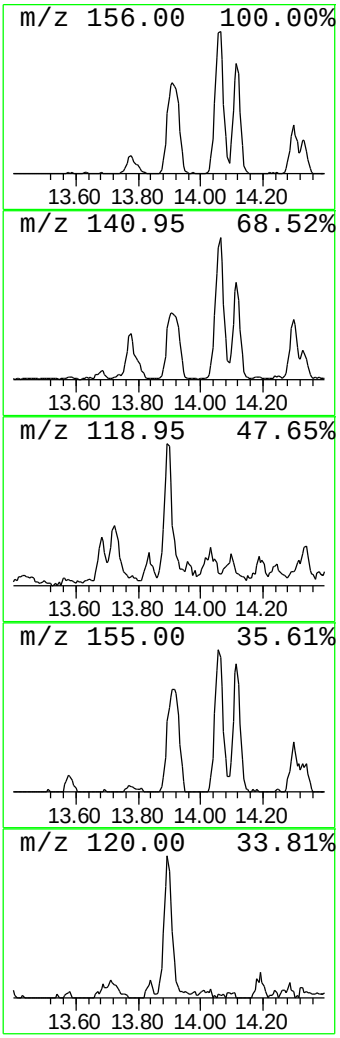
Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	8.15 ng	397140	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	92
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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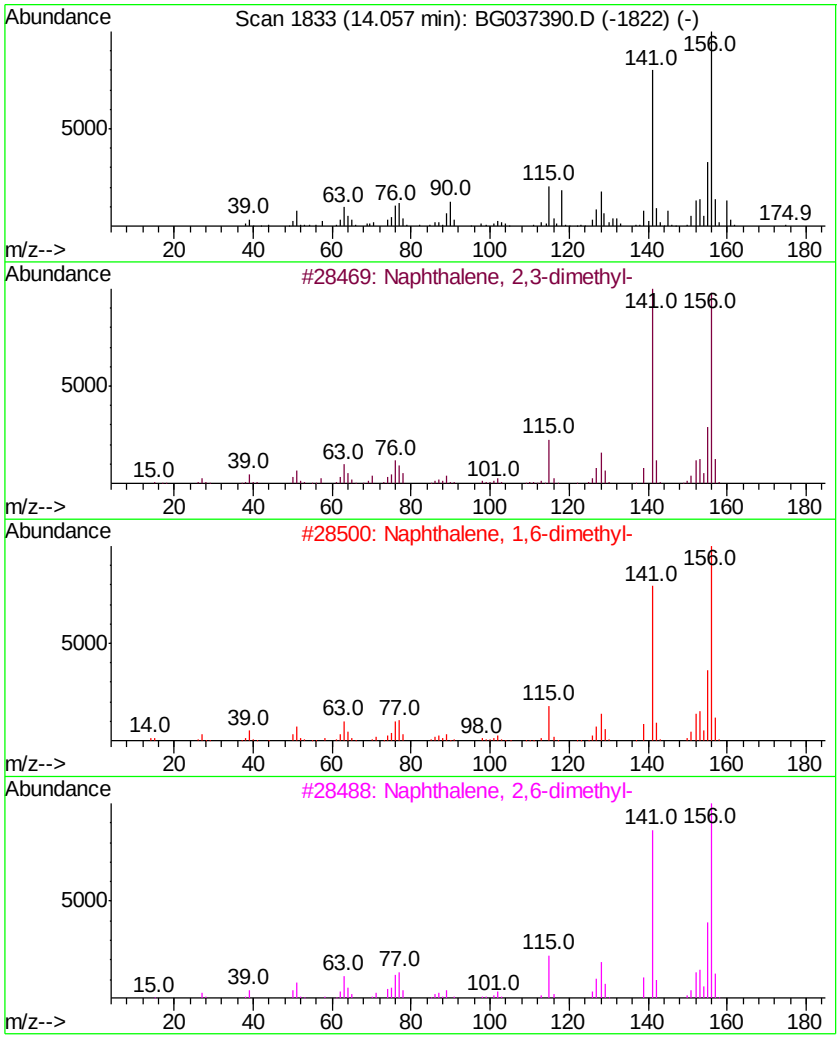
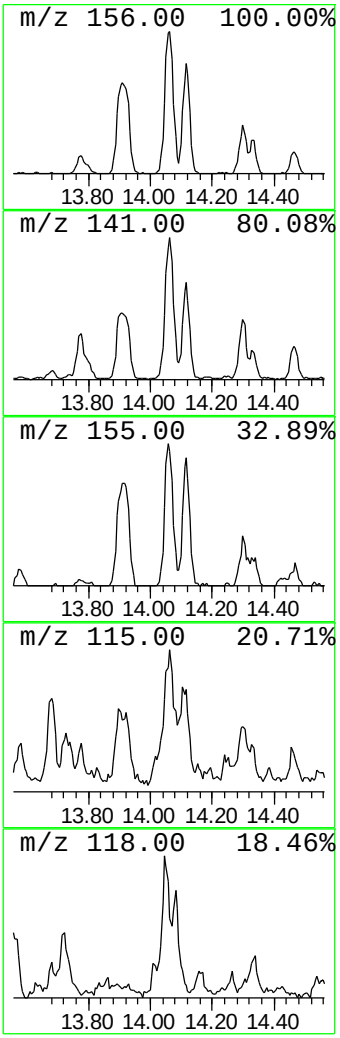
Peak Number 19 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.06	9.91 ng	483365	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Sample : J5519-01
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Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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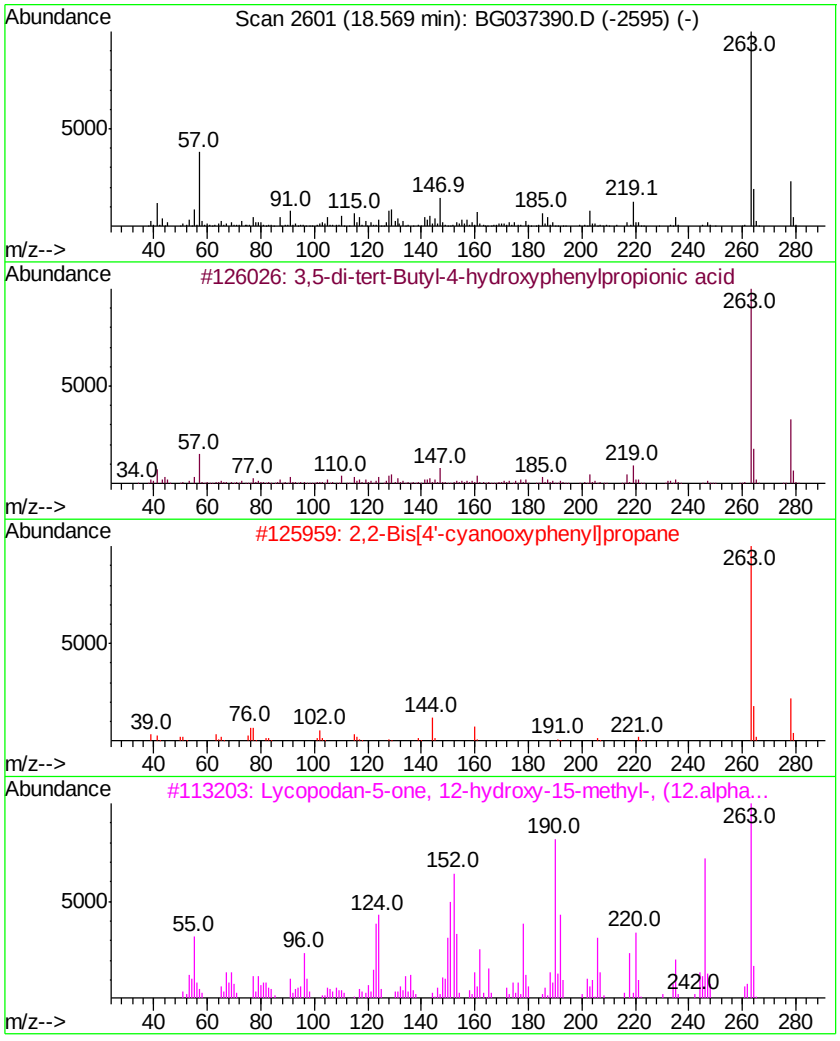
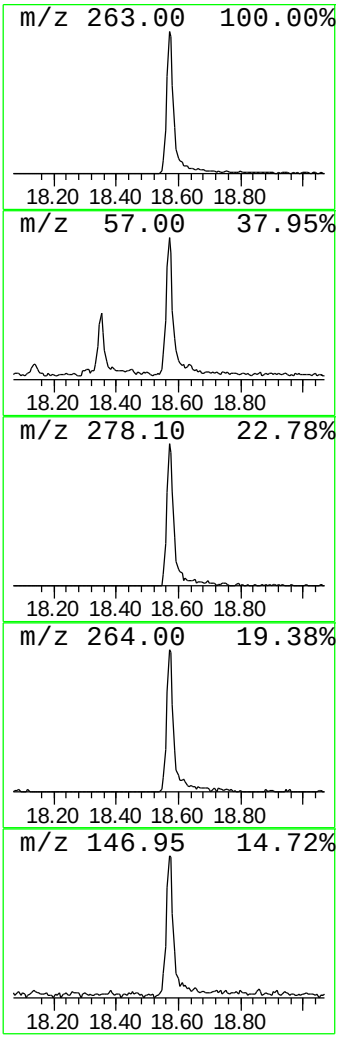
Peak Number 20 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	10.19 ng	595329	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxyphenyl...	278	C17H26O3	020170-32-5	94
2	2,2-Bis[4'-cyanooxyphenyl]propane	278	C17H14N2O2	1000322-13-3	72
3	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60
4	1H-Indole, 2-(2'-tetrahhydrofuryl...	263	C18H17NO	163064-85-5	53
5	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	52





Tentatively Identified Compound (LSC) summary

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Data File : BG037390.D
Acq On : 17 Oct 2018 14:04
Operator : JU/SJ
Sample : J5519-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101118.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
unknown7.64	7.64	67.8	ng	1372810	1	8.11	405133	20.0
Benzene, 2-ethyl-...	8.74	7.4	ng	150287	1	8.11	405133	20.0
o-Cymene	9.21	10.2	ng	207153	1	8.11	405133	20.0
Benzene, 1-ethyl-...	9.73	5.7	ng	134846	2	10.93	475004	20.0
Benzene, 1,2,4,5-...	9.80	9.7	ng	229455	2	10.93	475004	20.0
1H-Indene, 2,3-di...	10.17	6.6	ng	156841	2	10.93	475004	20.0
Naphthalene, 1,2,...	10.56	13.0	ng	309332	2	10.93	475004	20.0
1H-Indene, 2,3-di...	11.03	7.3	ng	173375	2	10.93	475004	20.0
Naphthalene, 1,2,...	11.39	7.2	ng	171430	2	10.93	475004	20.0
Naphthalene, 1,2,...	11.51	8.7	ng	205753	2	10.93	475004	20.0
Naphthalene, 1,2,...	12.11	24.9	ng	591858	2	10.93	475004	20.0
1H-Indene, 2,3-di...	12.30	6.7	ng	158284	2	10.93	475004	20.0
Naphthalene, 2,6-...	13.90	8.2	ng	397140	3	14.74	975118	20.0
Naphthalene, 2,3-...	14.06	9.9	ng	483365	3	14.74	975118	20.0
3,5-di-tert-Butyl...	18.57	10.2	ng	595329	4	17.49	1167980	20.0