LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

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:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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	3.412	15	21	31	rBV2	36681	92887	1.78%	0.309%
2	3.506	32	37	45	rVB2	41974	71035	1.36%	0.236%
3	6.197	488	495	503	rBV	396077	699214	13.42%	2.325%
4	6.273	503	508	518	rVB	34966	80024	1.54%	0.266%
5	6.725	580	585	594	rVB	54821	89473	1.72%	0.297%
6	7.806	763	769	773	rBV	46404	75963	1.46%	0.253%
7	7.871	773	780	788	rVV	263468	486989	9.35%	1.619%
8	8.276	841	849	858	rBV	805708	1485143	28.50%	4.937%
9	8.394	862	869	876	rVB	116322	199539	3.83%	0.663%
10	8.770	925	933	945	rVV	166969	360262	6.91%	1.198%
11	8.882	945	952	960	rVB2	53254	97704	1.88%	0.325%
12	9.105	981	990	996	rBV	843842	1586002	30.44%	5.273%
13	9.152	996	998	1004	rVB2	36567	55419	1.06%	0.184%
14	9.410	1036	1042	1049	rBV3	49139	93813	1.80%	0.312%
15	9.734	1089	1097	1102	rBV2	31132	54006	1.04%	0.180%
16	9.892	1116	1124	1129	rBV2	59945	116620	2.24%	0.388%
17	9.969	1129	1137	1155	rVB	570170	1197213	22.98%	3.980%
18	10.433	1210	1216	1221	rBV	42801	72291	1.39%	0.240%
19	10.492	1221	1226	1232	rVB	53709	93792	1.80%	0.312%
20	10.809	1272	1280	1286	rBV3	25052	53394	1.02%	0.178%
21	10.868	1286	1290	1300	rVB	66630	119490	2.29%	0.397%
22	11.020	1309	1316	1322	rBV	159509	302693	5.81%	1.006%
23	11.267	1352	1358	1364	rBV	106834	197699	3.79%	0.657%
24	11.614	1407	1417	1418	rBV3	46257	90040	1.73%	0.299%
25	11.649	1418	1423	1428	rVV	230420	463051	8.89%	1.539%
26	11.696	1428	1431	1436	rVV3	79296	135652	2.60%	0.451%
27	11.749	1436	1440	1448	rVB	53796	94645	1.82%	0.315%
28	12.107	1494	1501	1509	rBV2	70306	180097	3.46%	0.599%
29	12.184	1509	1514	1517	rVV	56885	96595	1.85%	0.321%
30	12.219	1517	1520	1527	rVV4	48844	83476	1.60%	0.278%
31	12.289	1527	1532	1540	rVV	47598	94840	1.82%	0.315%
32	12.530	1565	1573	1581	rBV2	72023	139115	2.67%	0.462%
33	12.718	1599	1605	1610	rBV2	59465	96405	1.85%	0.321%
34	12.801	1613	1619	1629	rVV	232109	400459	7.69%	1.331%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

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:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.983	1645	1650	1658	rBV4	67086	137405	2.64%	0.457%
36	13.147	1670	1678	1685	rVB	163496	290912	5.58%	0.967%
37	13.259	1692	1697	1705	rVB	179828	304579	5.85%	1.013%
38	13.482	1719	1735	1742	rBV4	182060	513837	9.86%	1.708%
39	13.570	1747	1750	1756	rVB2	38338	63088	1.21%	0.210%
40	13.752	1773	1781	1785	rBV4	44378	99619	1.91%	0.331%
41	13.958	1811	1816	1819	rVV	42569	55875	1.07%	0.186%
42	14.029	1820	1828	1837	rVB	2048032	3344279	64.18%	11.118%
43	14.181	1849	1854	1858	rBV	38082	59469	1.14%	0.198%
44	14.234	1858	1863	1871	rVB2	48199	100324	1.93%	0.334%
45	14.340	1874	1881	1886	rBV	112149	199155	3.82%	0.662%
46	14.393	1886	1890	1894	rBV3	39920	65695	1.26%	0.218%
47	14.557	1912	1918	1920	rBV4	83223	133640	2.56%	0.444%
48	14.716	1933	1945	1950	rBV2	146943	376810	7.23%	1.253%
49	14.769	1950	1954	1960	rVB4	112322	194895	3.74%	0.648%
50	14.892	1971	1975	1980	rVB5	49134	75457	1.45%	0.251%
51	14.951	1980	1985	1995	rVV5	80246	192871	3.70%	0.641%
52	15.121	2008	2014	2017	rVV3	29493	52231	1.00%	0.174%
53	15.239	2029	2034	2040	rBV3	63384	102979	1.98%	0.342%
54	15.351	2047	2053	2056	rBV2	77158	132996	2.55%	0.442%
55	15.398	2056	2061	2068	rVV2	386886	666932	12.80%	2.217%
56	15.586	2089	2093	2102	rVB4	38058	91360	1.75%	0.304%
57	15.774	2121	2125	2134	rVB5	46252	80077	1.54%	0.266%
58	15.850	2134	2138	2142	rBV	52460	69451	1.33%	0.231%
59	15.997	2156	2163	2168	rBV3	66493	157099	3.02%	0.522%
60	16.179	2189	2194	2199	rVB2	75486	108257	2.08%	0.360%
61	16.332	2216	2220	2226	rVB4	38940	60267	1.16%	0.200%
62	16.432	2231	2237	2241	rBV5	22012	57630	1.11%	0.192%
63	16.561	2255	2259	2268	rBV3	72430	167166	3.21%	0.556%
64	16.678	2276	2279	2284	rBV6	29249	57170	1.10%	0.190%
65	16.872	2305	2312	2320	rVB	1693883	2685895	51.55%	8.929%
66	17.031	2335	2339	2358	rVB5	93220	262407	5.04%	0.872%
67	17.483	2411	2416	2423	rBV5	47163	79847	1.53%	0.265%
68	17.689	2447	2451	2460	rVB5	47621	91885	1.76%	0.305%
69	17.824	2470	2474	2478	rVB	69423	83857	1.61%	0.279%
70	18.130	2520	2526	2531	rBV2	544269	850422	16.32%	2.827%
71	18.559	2595	2599	2605	rVB	72667	102326	1.96%	0.340%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

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:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.946	2660	2665	2669	rBV2	197387	277755	5.33%	0.923%
73	19.228	2709	2713	2717	rVB2	60612	77133	1.48%	0.256%
74	19.839	2812	2817	2819	rBV2	79983	107172	2.06%	0.356%
75	19.863	2819	2821	2828	rVB6	52069	66066	1.27%	0.220%
76	20.180	2870	2875	2881	rBV2	212974	293288	5.63%	0.975%
77	20.315	2894	2898	2902	rVB	61534	74336	1.43%	0.247%
78	20.662	2951	2957	2967	rBV	3649840	5210377	100.00%	17.322%
79	22.466	3256	3264	3277	rBV	586227	1121307	21.52%	3.728%
80	26.185	3883	3897	3911	rBV2	337375	1128760	21.66%	3.753%

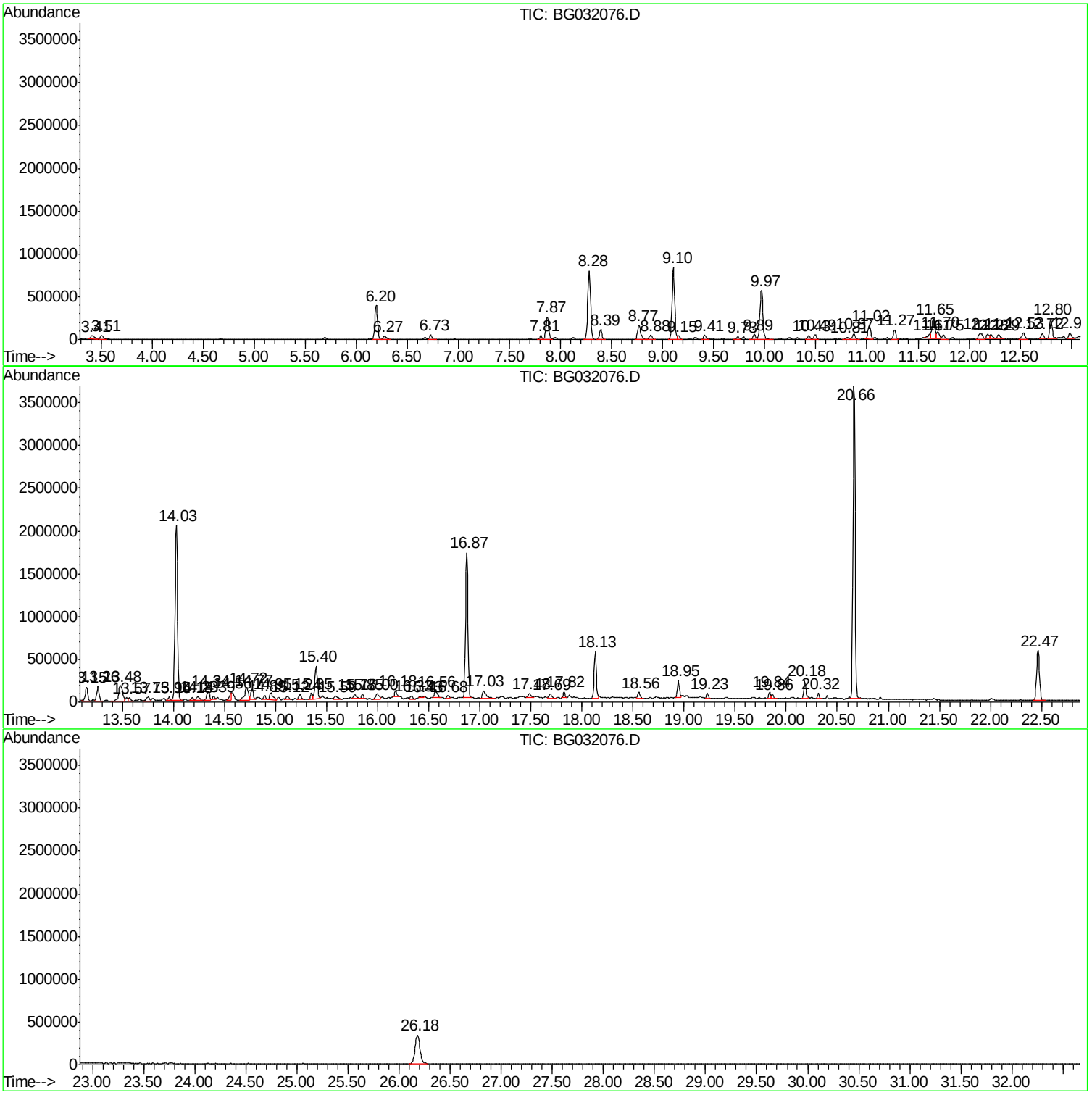
Sum of corrected areas: 30079398

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

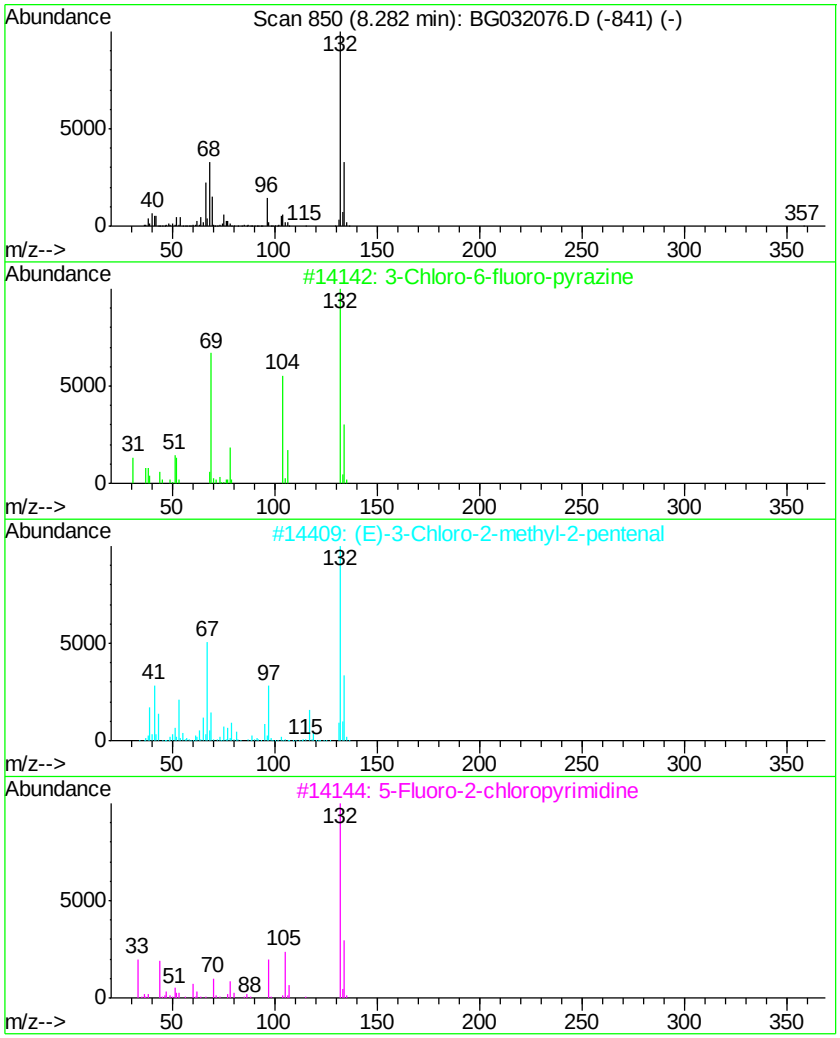
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

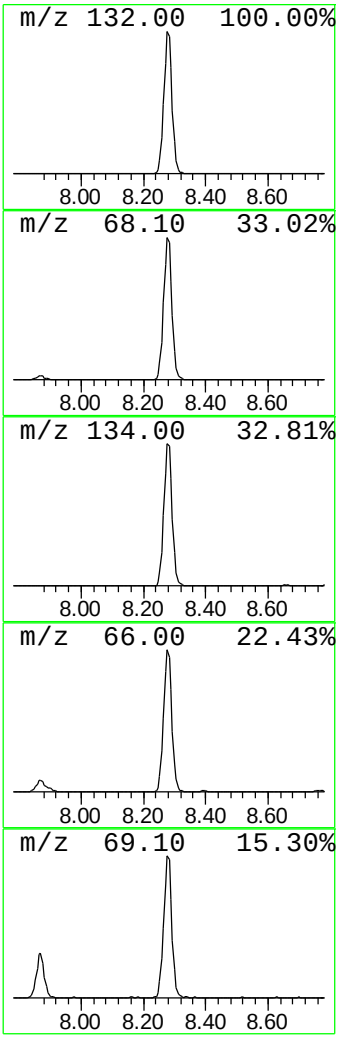
****

Peak Number 1 unknown8.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	82.45 ng	1485140	1,4-Dichlorobenzene-d4	8.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

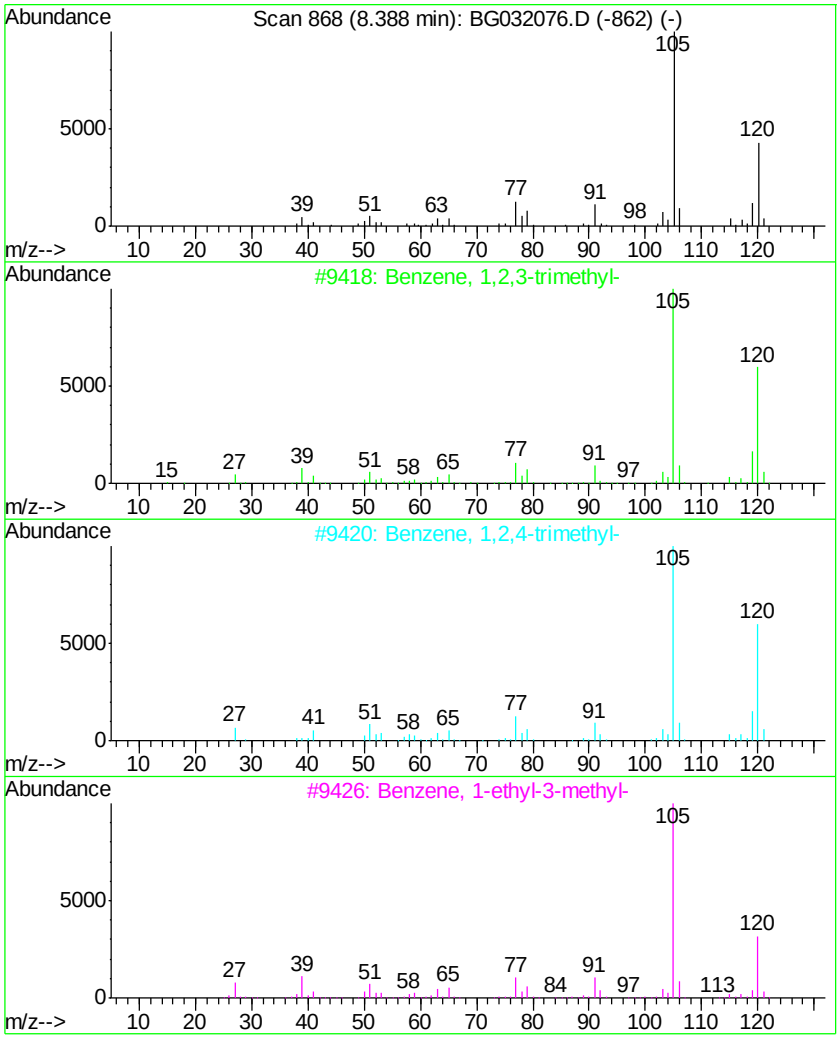
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

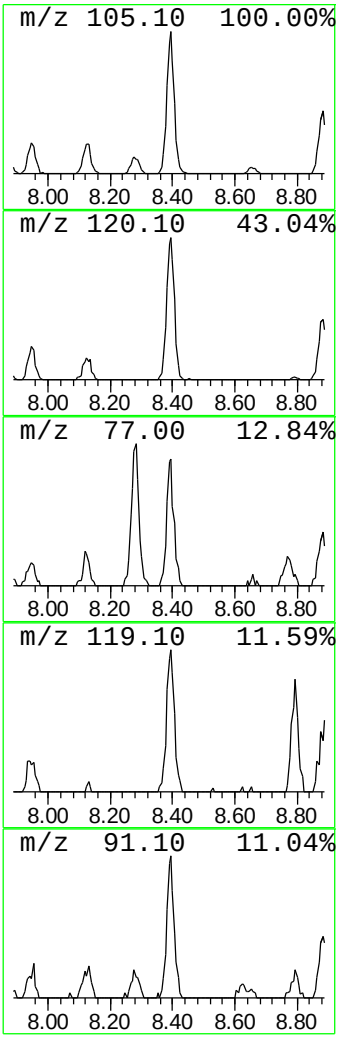
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	11.08 ng	199539	1,4-Dichlorobenzene-d4	8.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

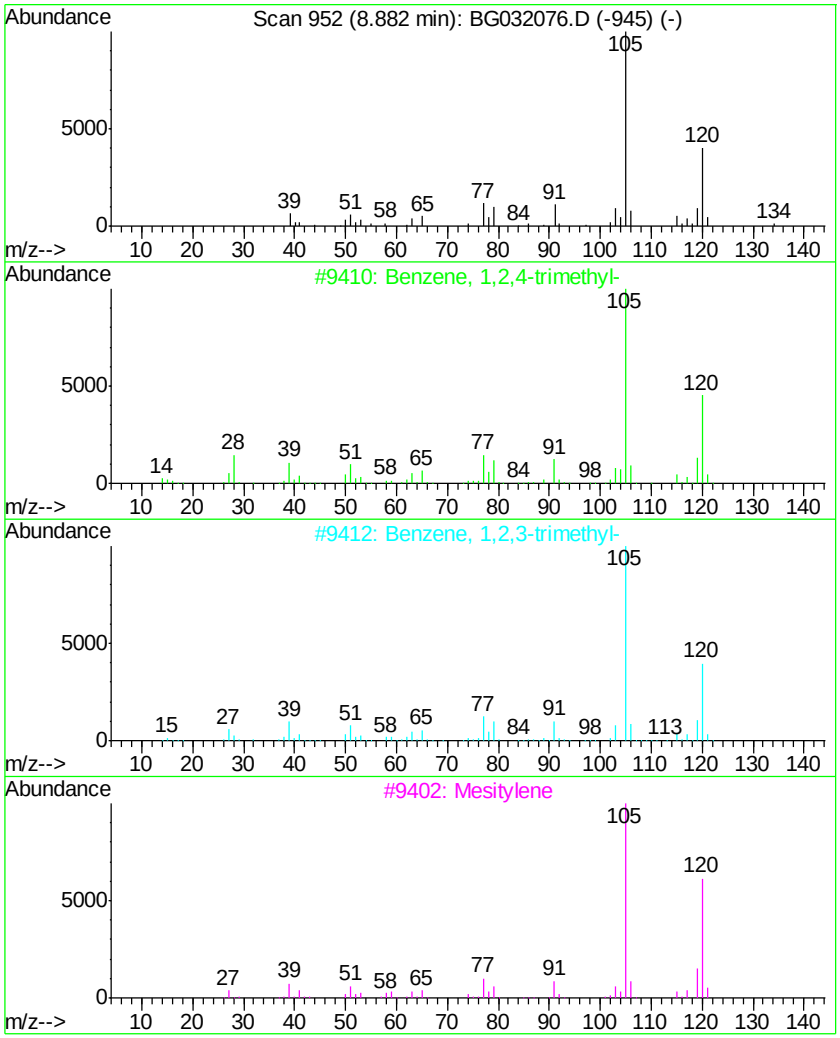
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

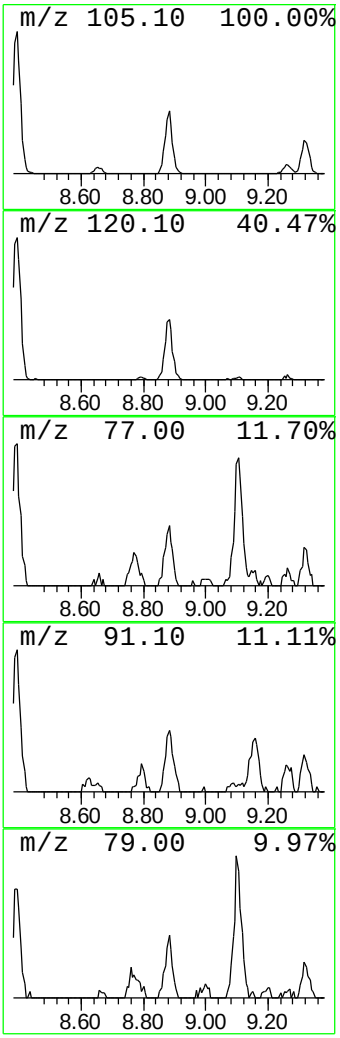
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	5.42 ng	97704	1,4-Dichlorobenzene-d4	8.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

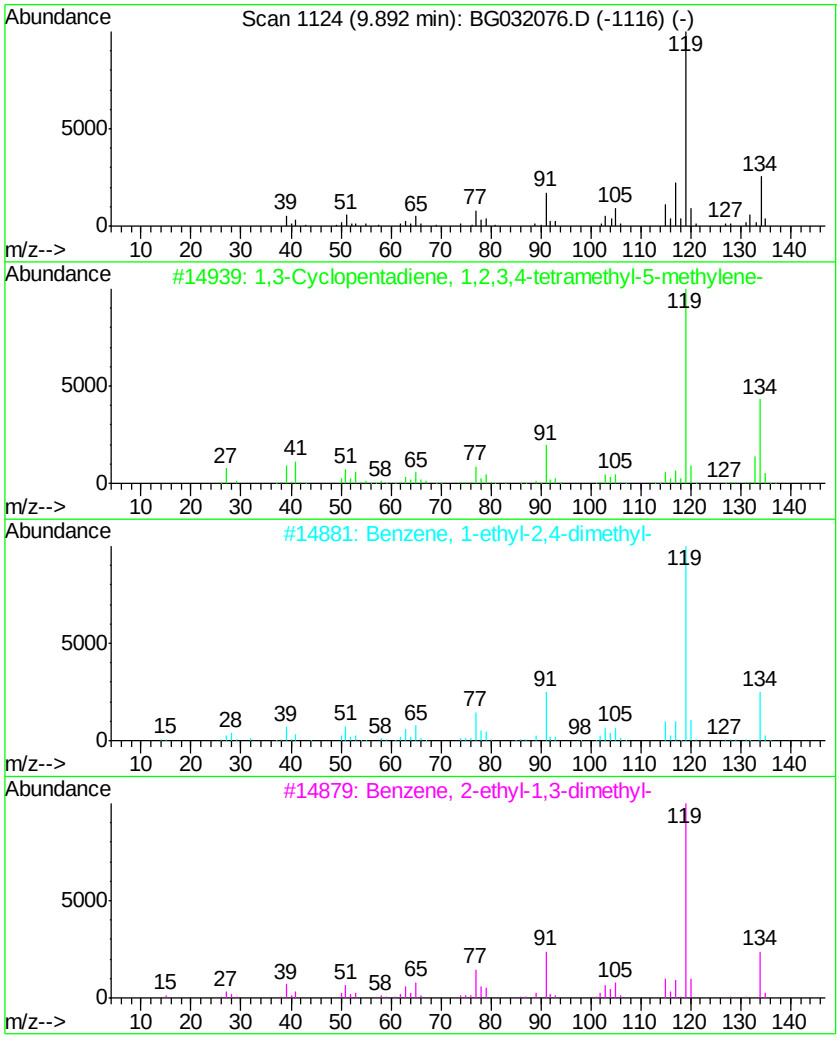
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

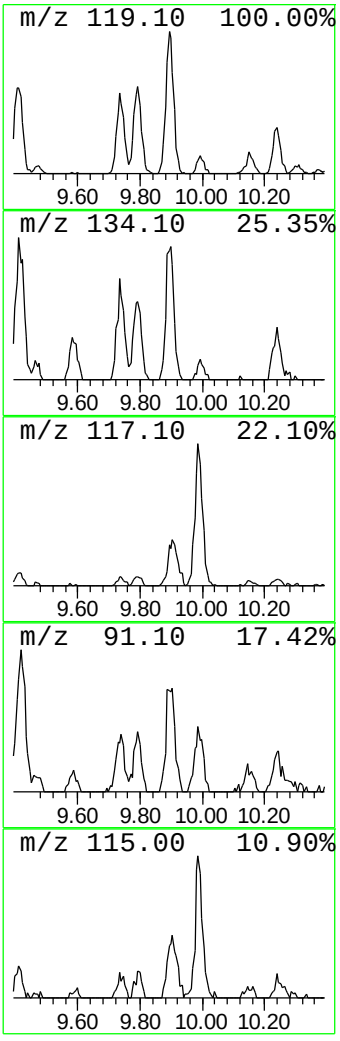
****

Peak Number 5 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	6.47 ng	116620	1,4-Dichlorobenzene-d4	8.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	87
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

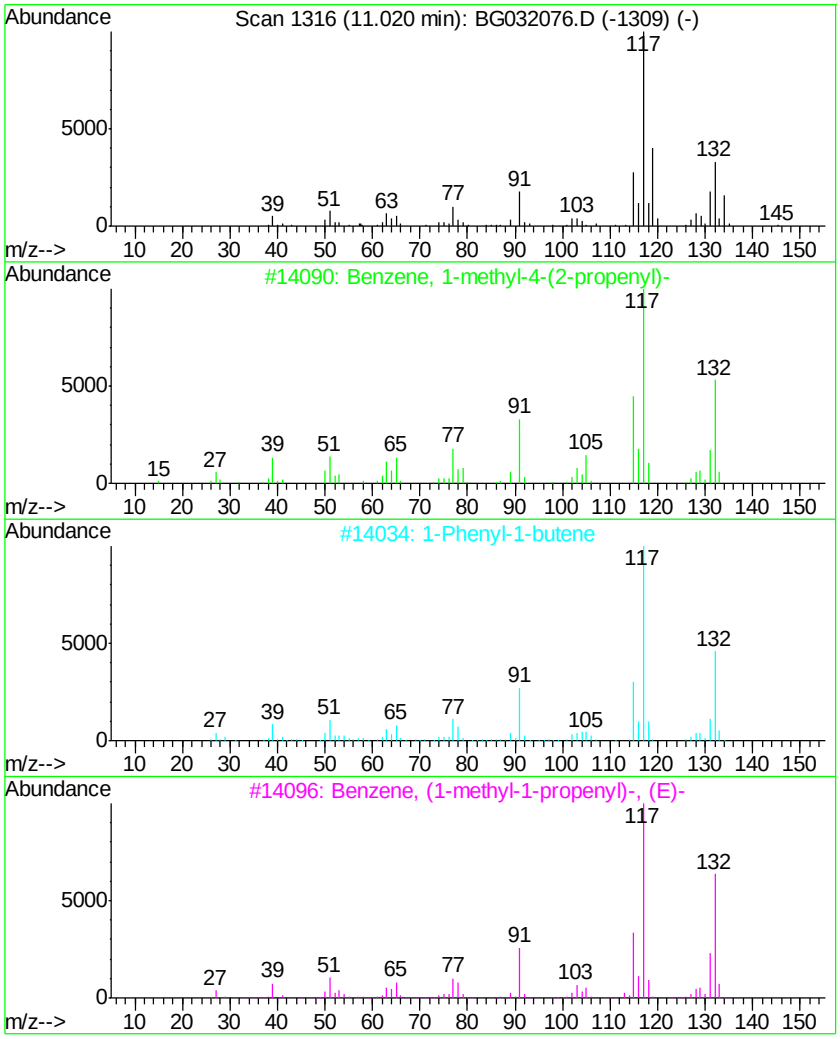
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

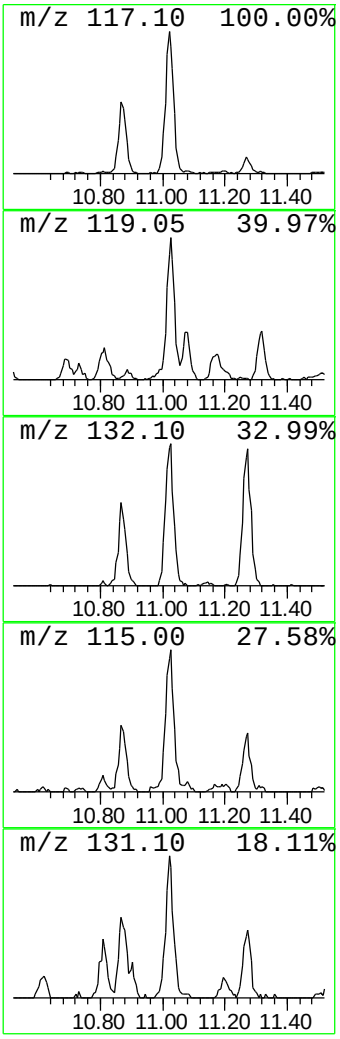
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-4-(2-prop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	13.07 ng	302693	Naphthalene-d8	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	76
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	Indan, 1-methyl-	132	C10H12	000767-58-8	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

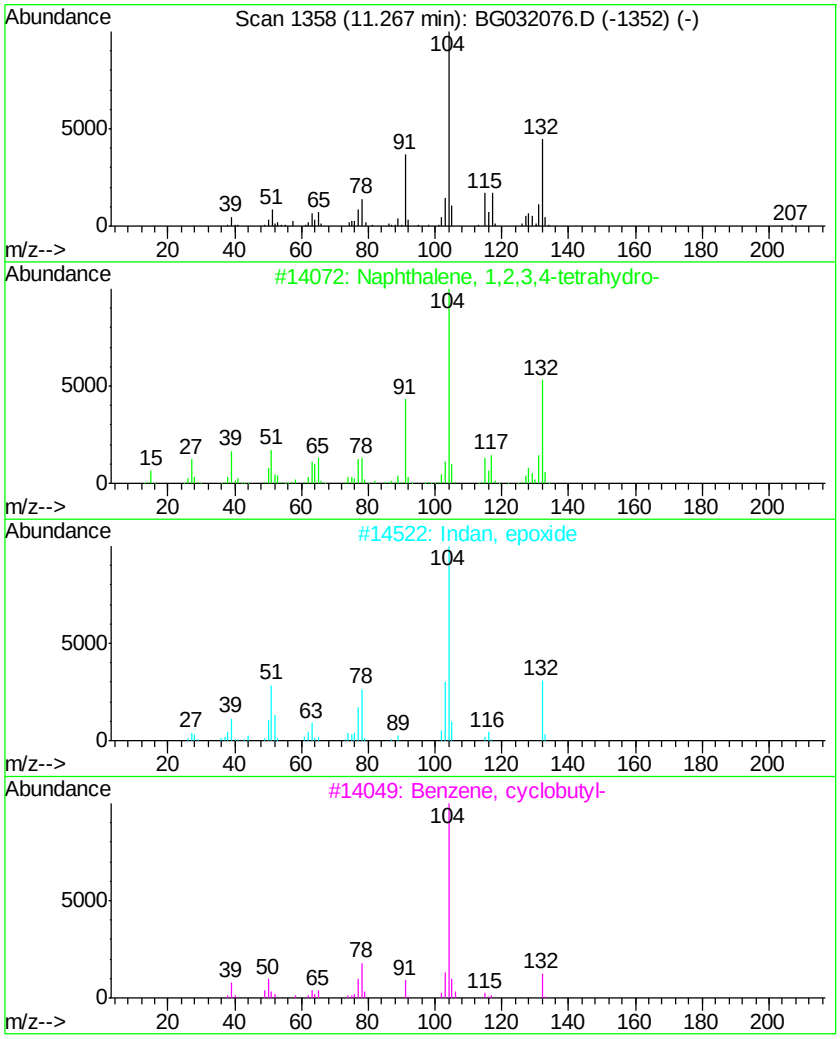
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

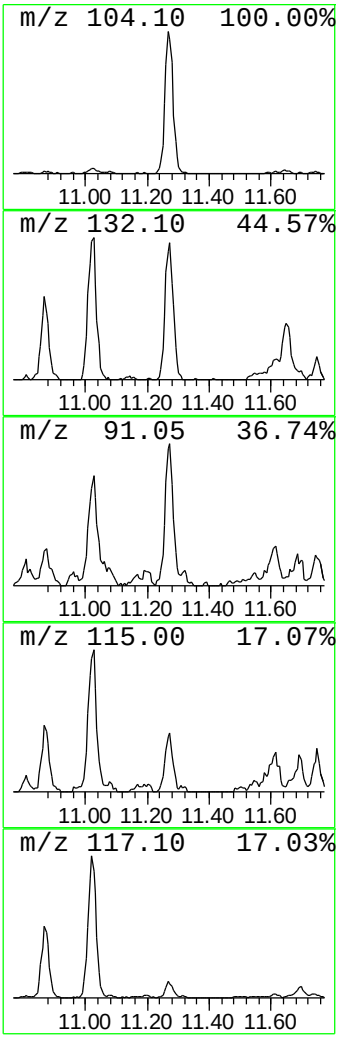
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	8.54 ng	197699	Naphthalene-d8	11.65

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	70
3	Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	58
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	43





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Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

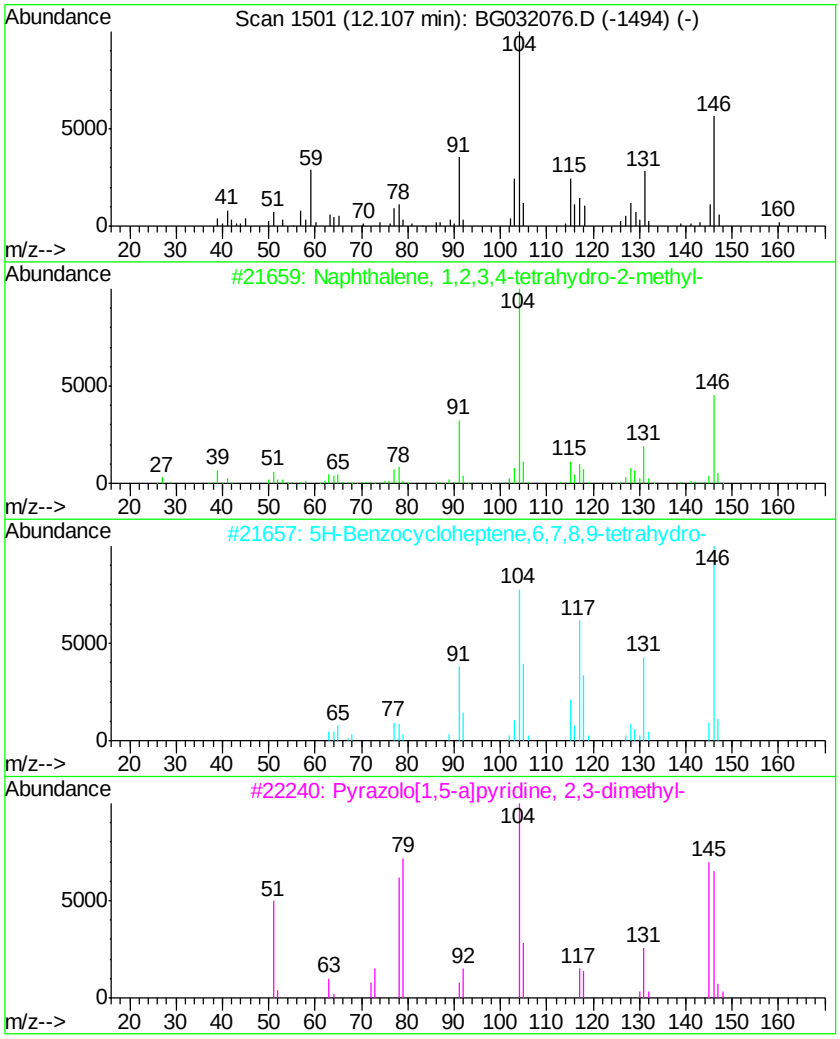
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

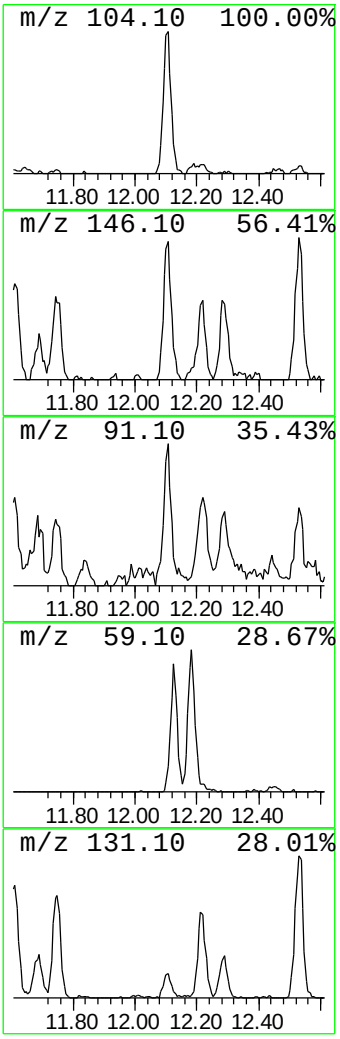
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	7.78 ng	180097	Naphthalene-d8	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	76
2	5H-Benzocycloheptene,6,7,8,9-tet...	146	C11H14	001075-16-7	59
3	Pyrazolo[1,5-a]pyridine, 2,3-dim...	146	C9H10N2	028537-56-6	58
4	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	52
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	47





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Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

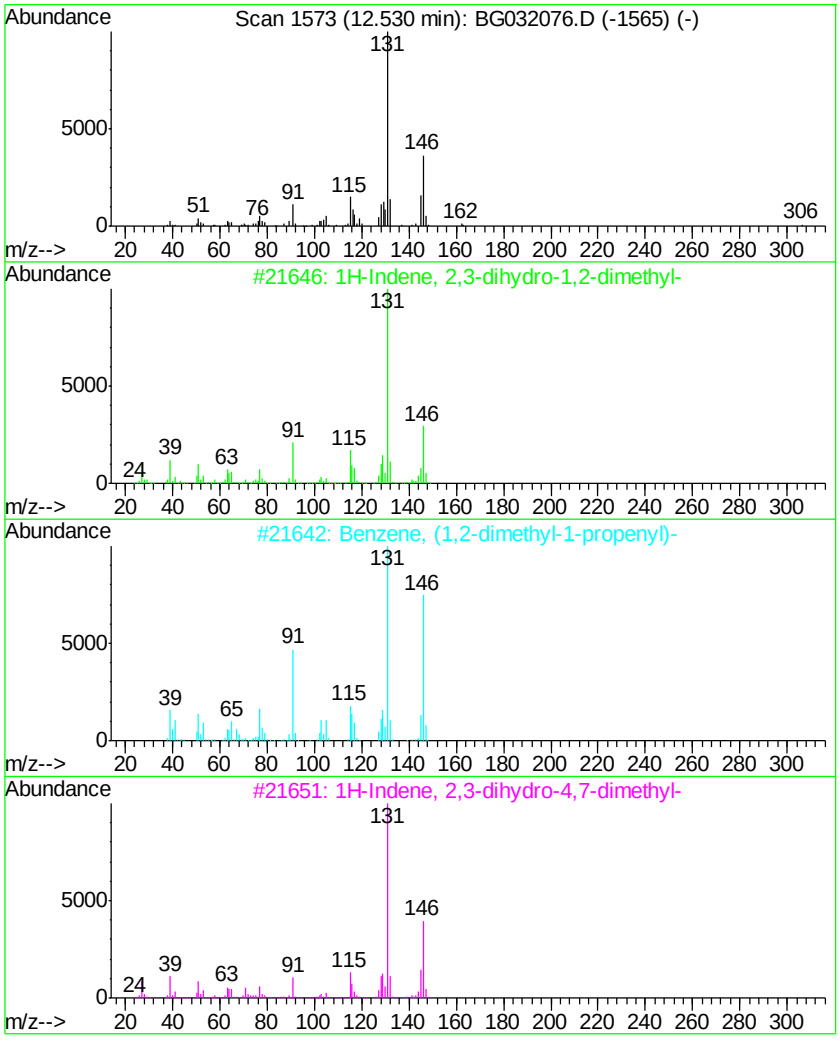
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

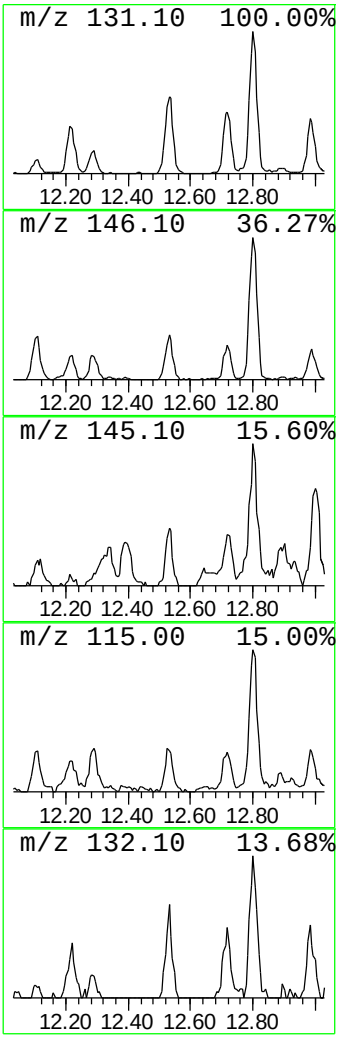
****

Peak Number 9 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	6.01 ng	139115	Naphthalene-d8	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	96
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	93





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Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

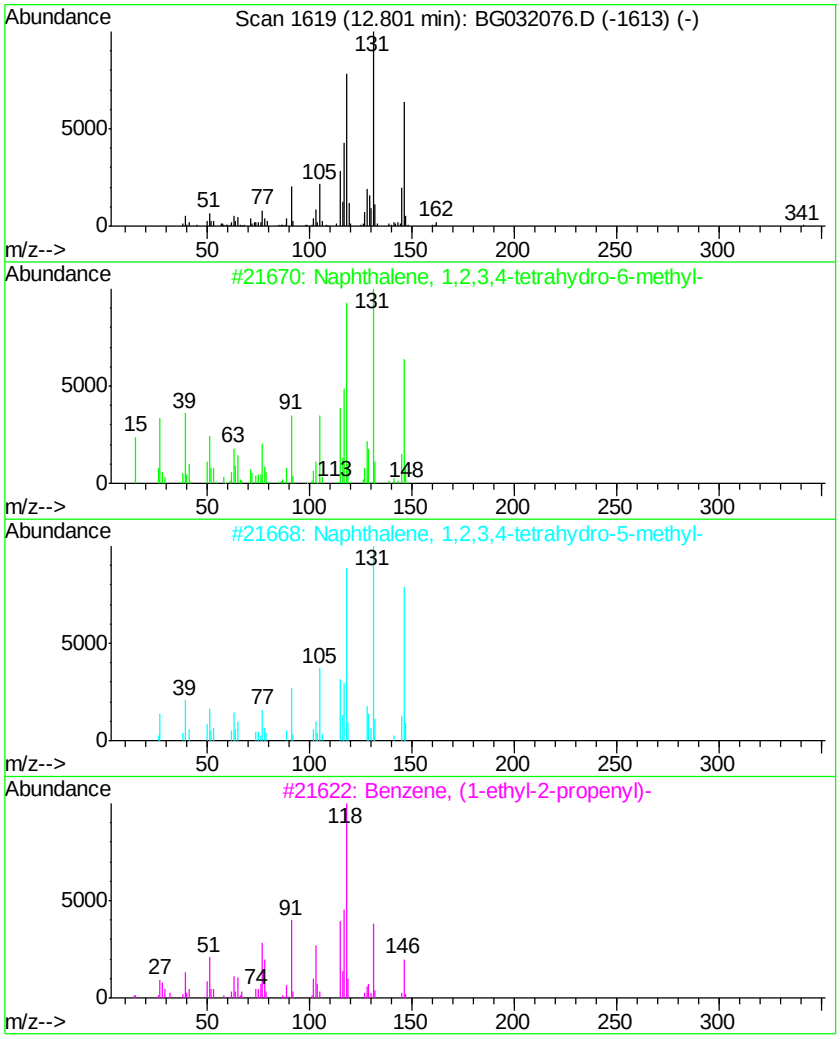
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

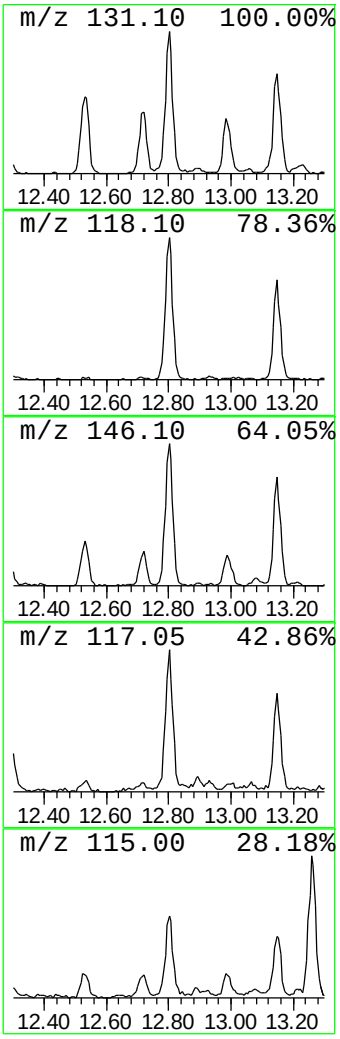
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	17.30 ng	400459	Naphthalene-d8	11.65

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	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55





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Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

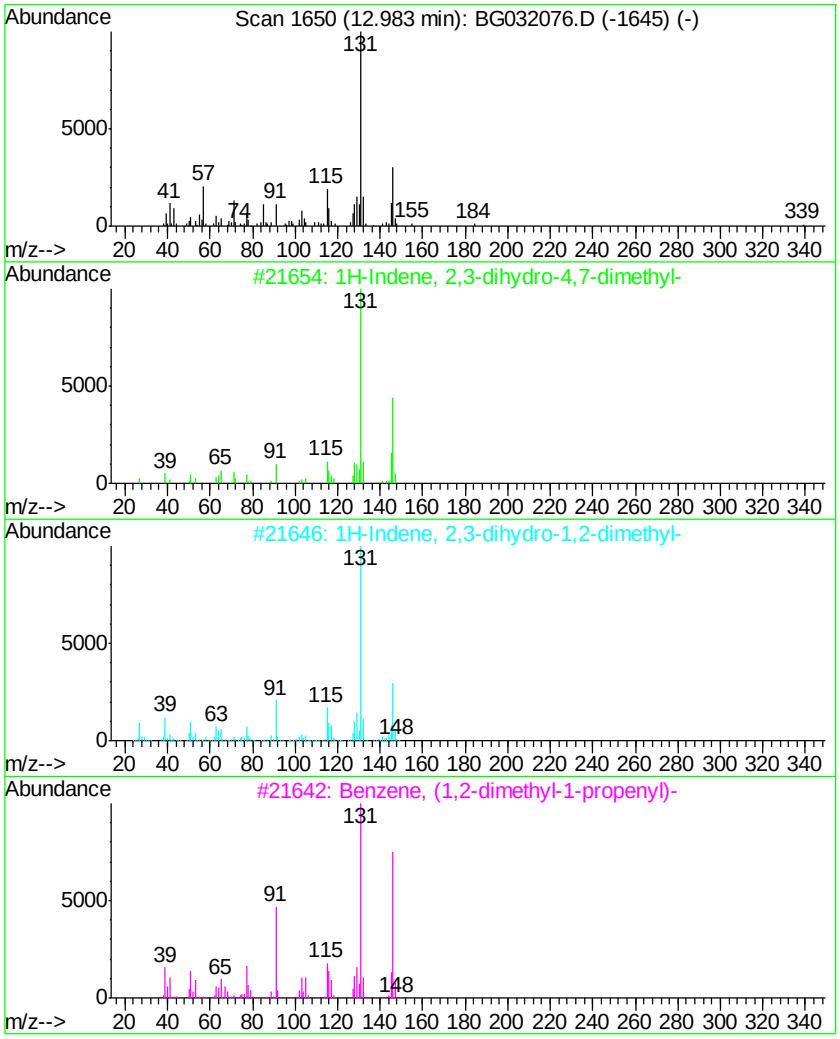
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

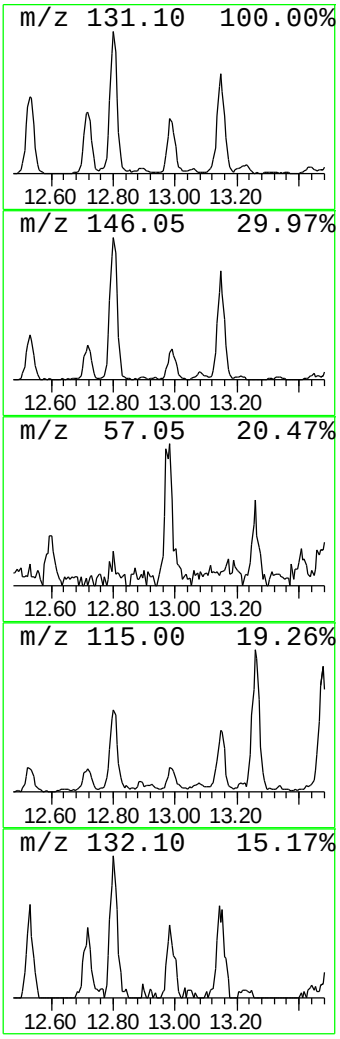
****

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	5.93 ng	137405	Naphthalene-d8	11.65

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-1,2-dimet...	146	C11H14	017057-82-8	91
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
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Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

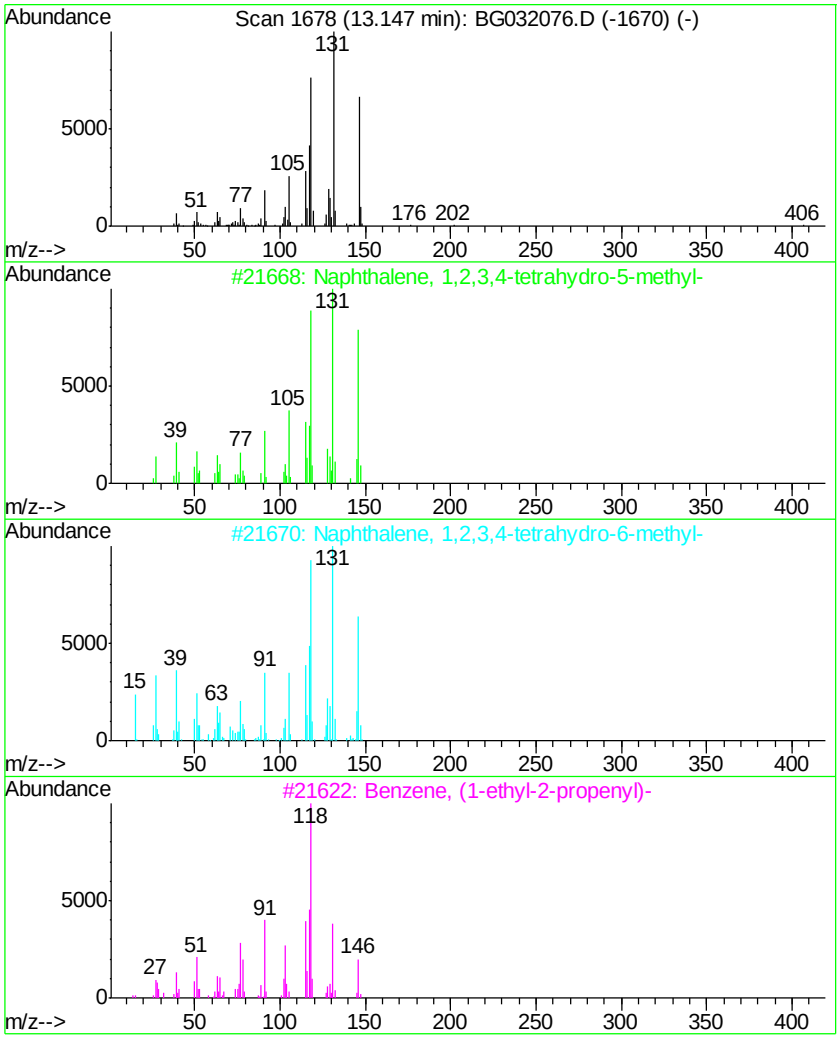
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

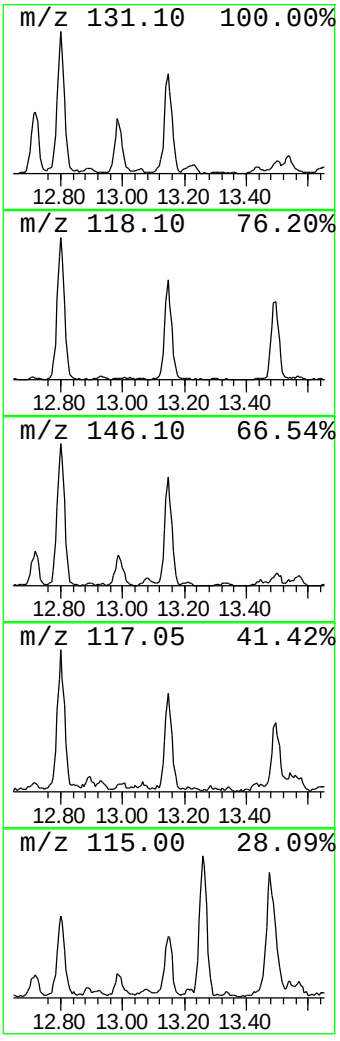
****

Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	12.57 ng	290912	Naphthalene-d8	11.65

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	94
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	64
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	53
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
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Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

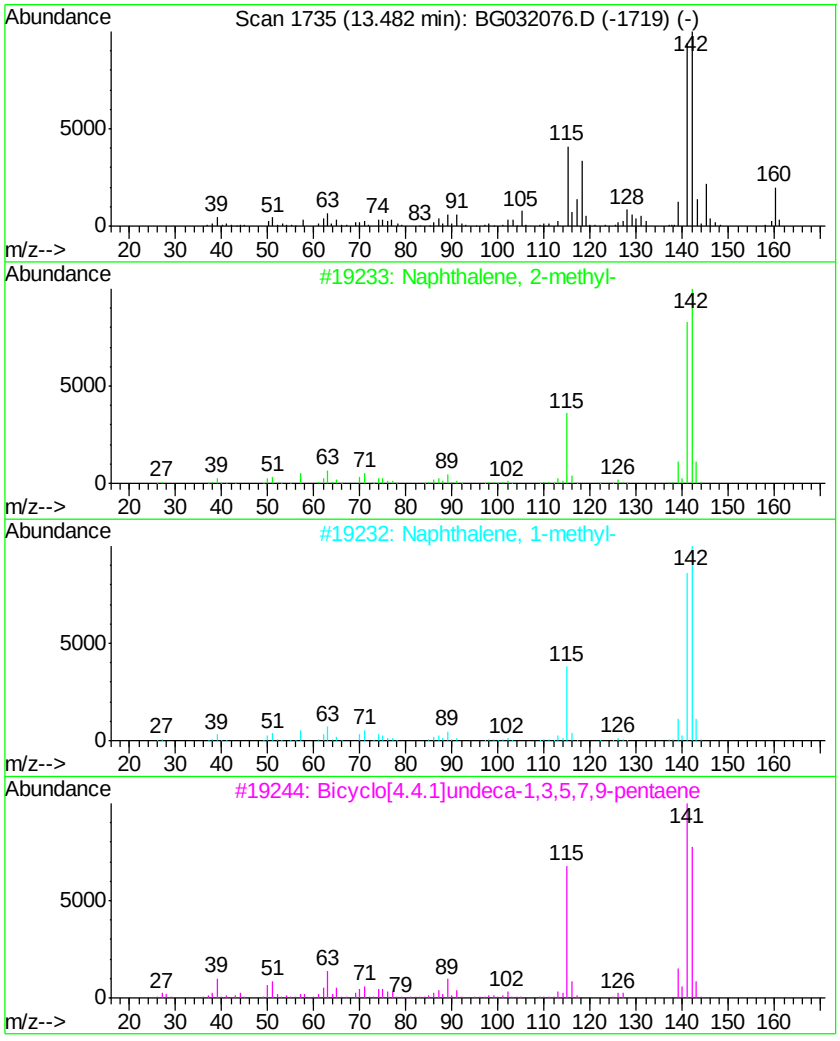
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

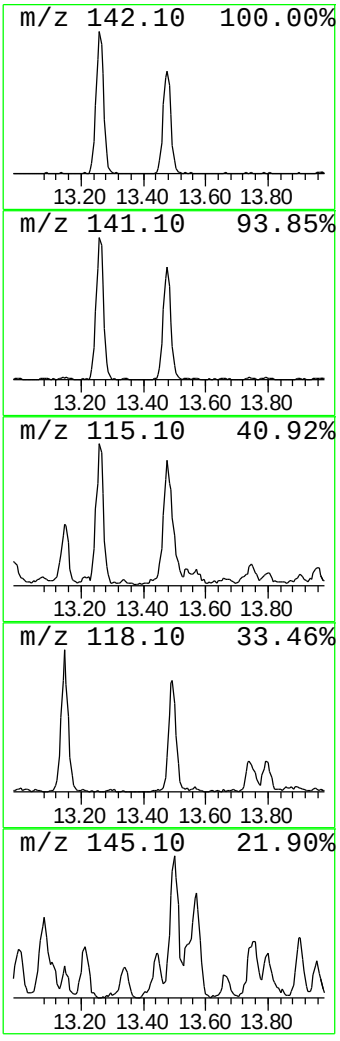
****

Peak Number 13 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	22.19 ng	513837	Naphthalene-d8	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	76
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	76
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
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Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

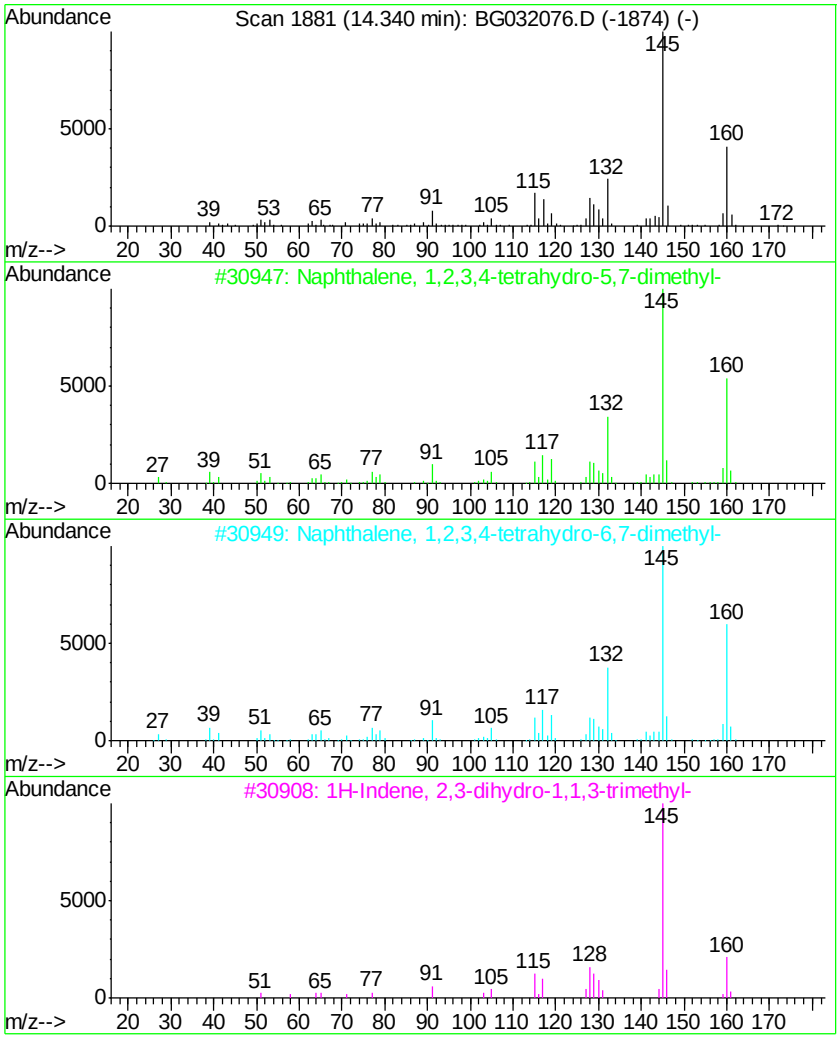
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

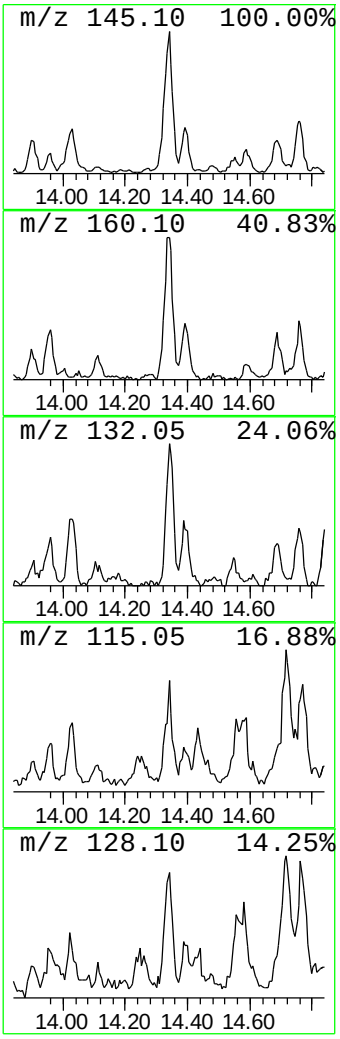
****

Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	5.97 ng	199155	Acenaphthene-d10	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	91
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
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Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

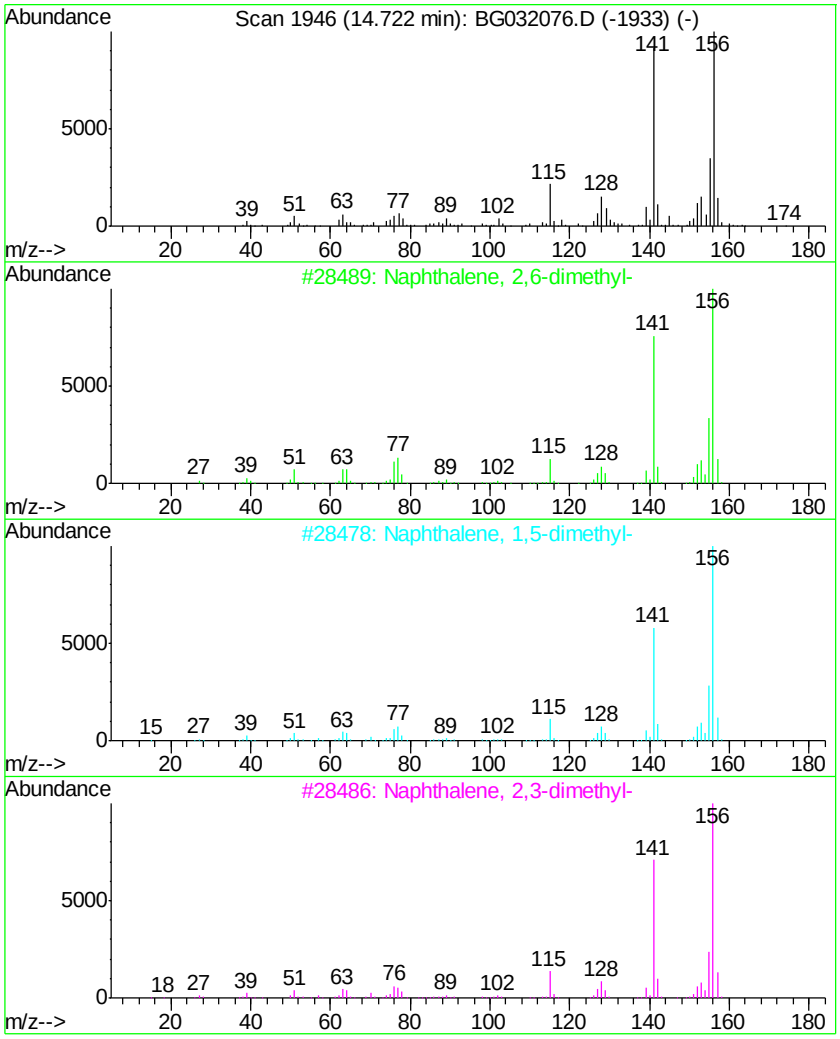
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

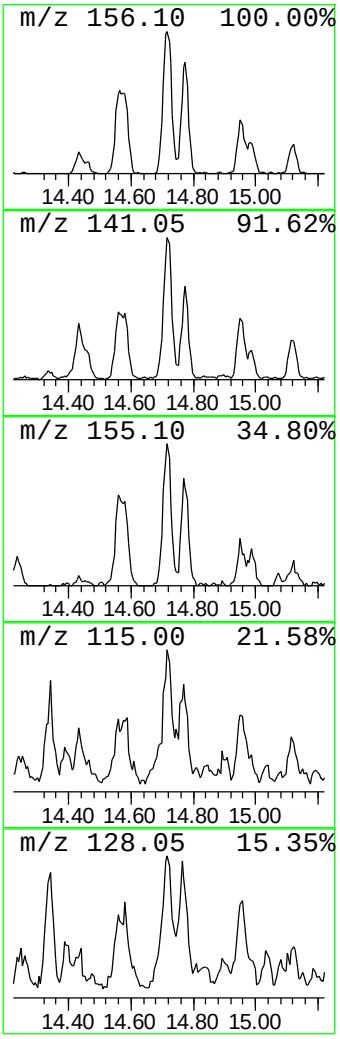
****

Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	11.30 ng	376810	Acenaphthene-d10	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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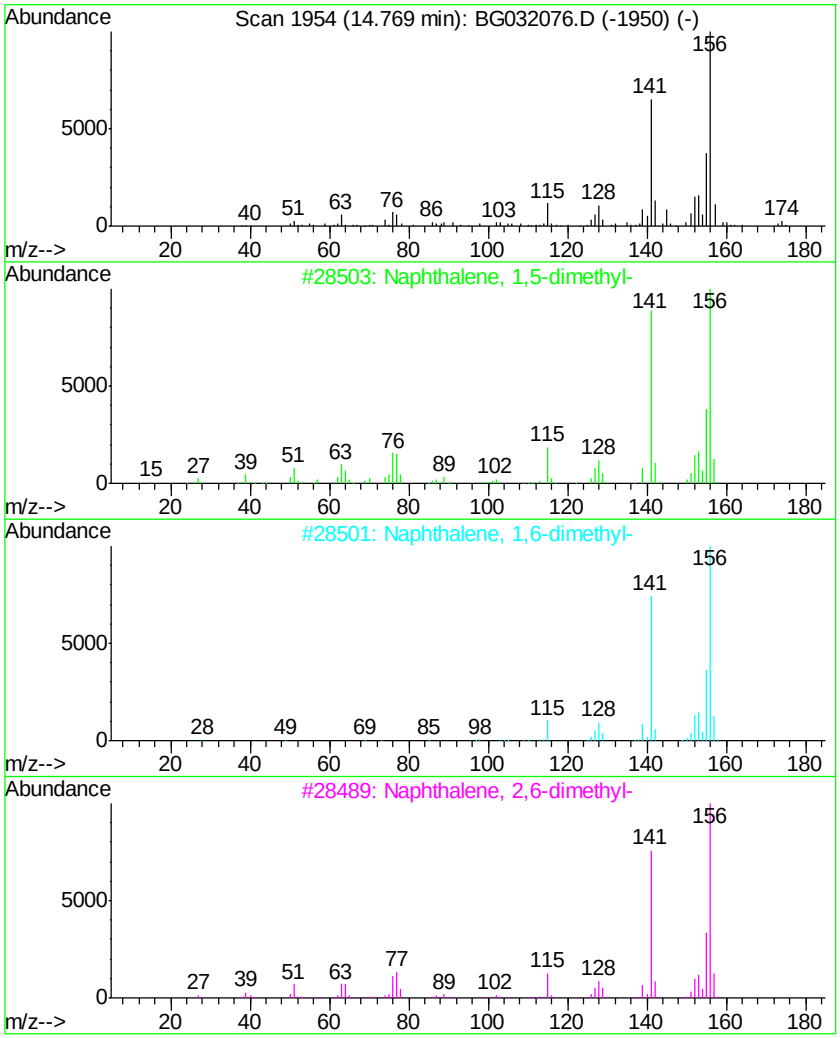
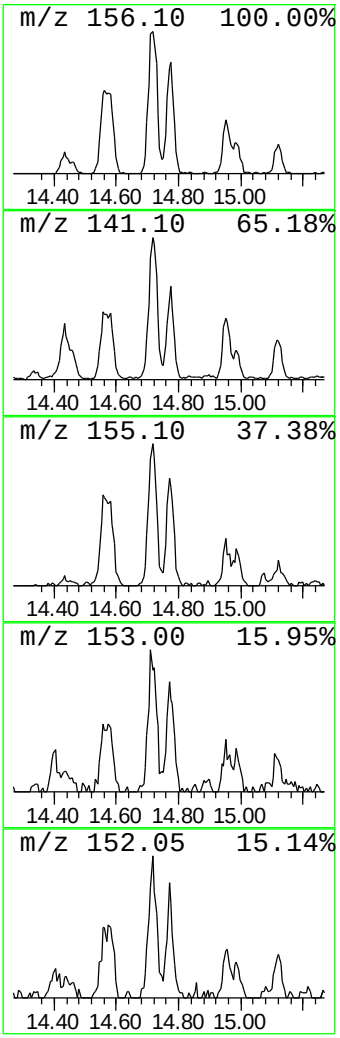
Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.84 ng	194895	Acenaphthene-d10	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





Library Search Compound Report

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Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

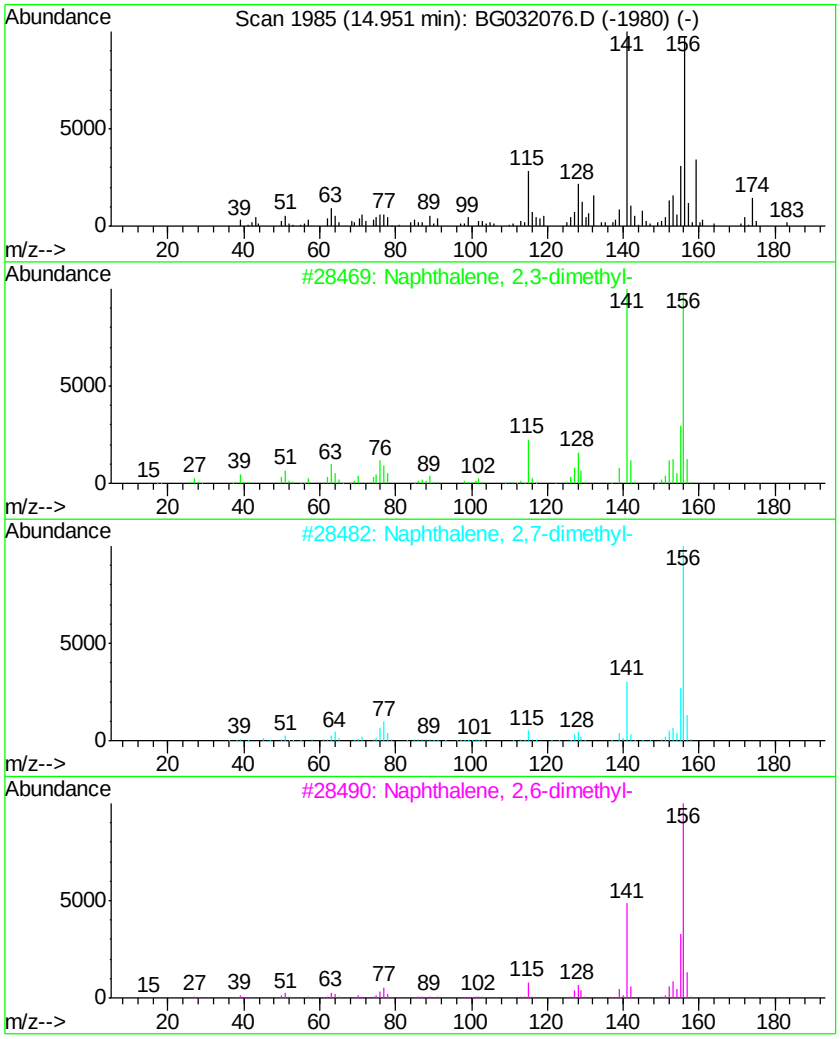
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

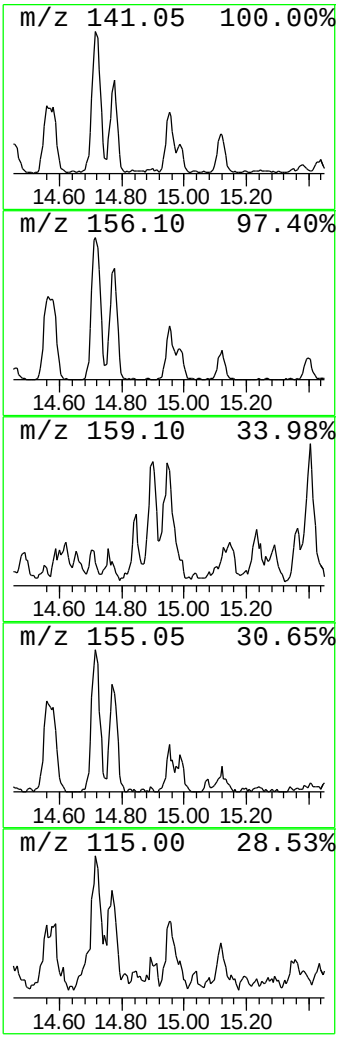
****

Peak Number 17 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	5.78 ng	192871	Acenaphthene-d10	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	81





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

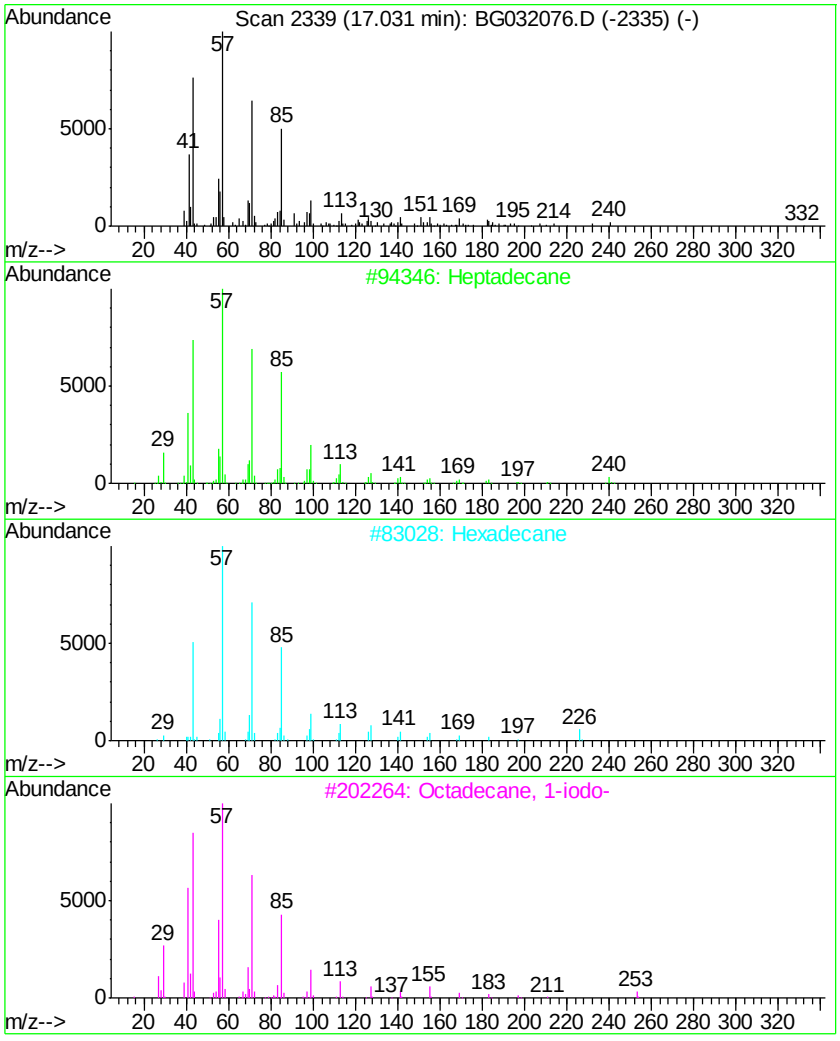
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

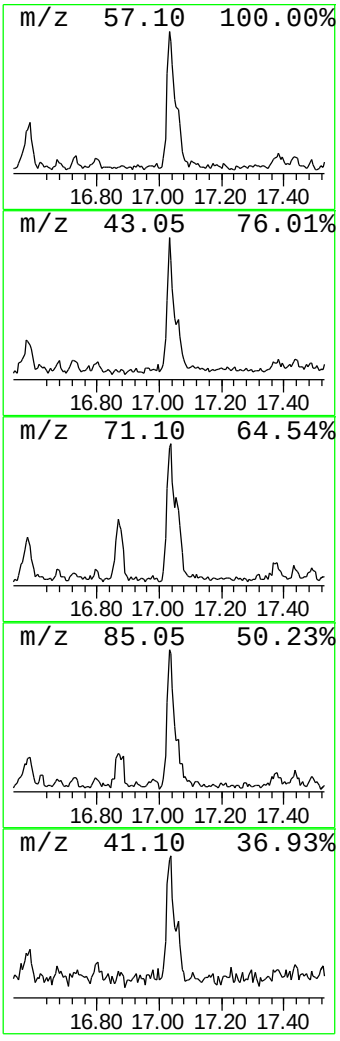
****

Peak Number 18 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	6.17 ng	262407	Phenanthrene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Eicosane	282	C20H42	000112-95-8	83





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Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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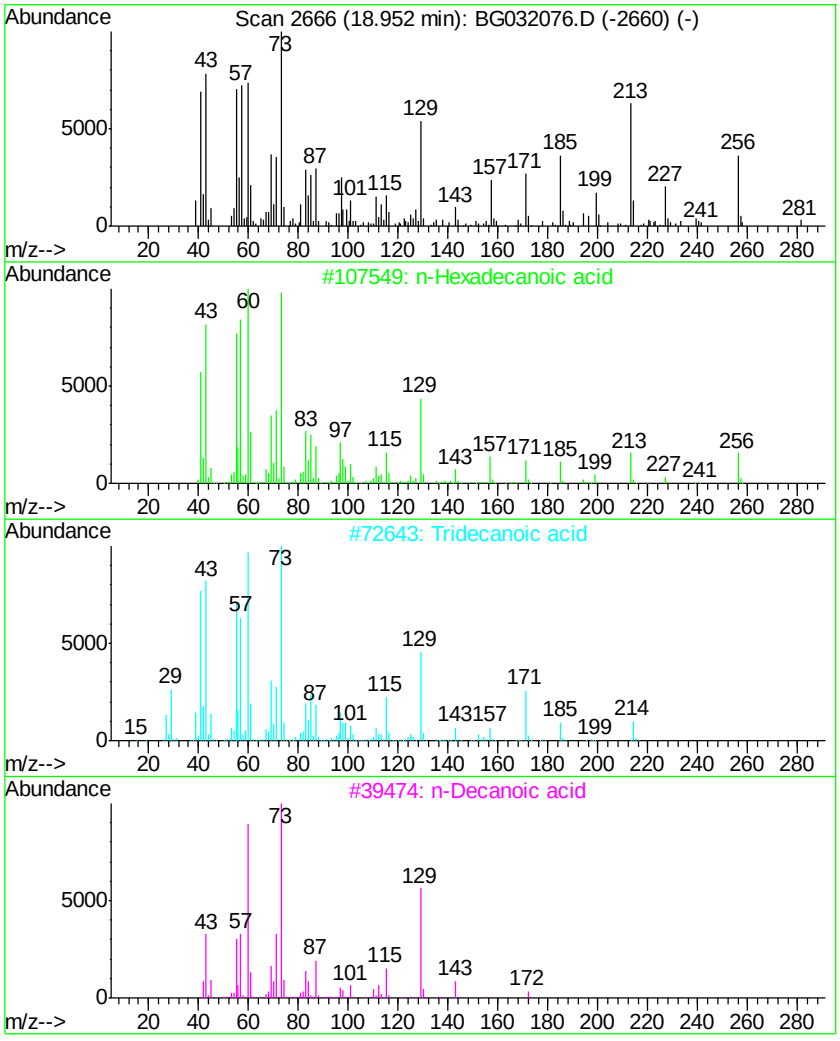
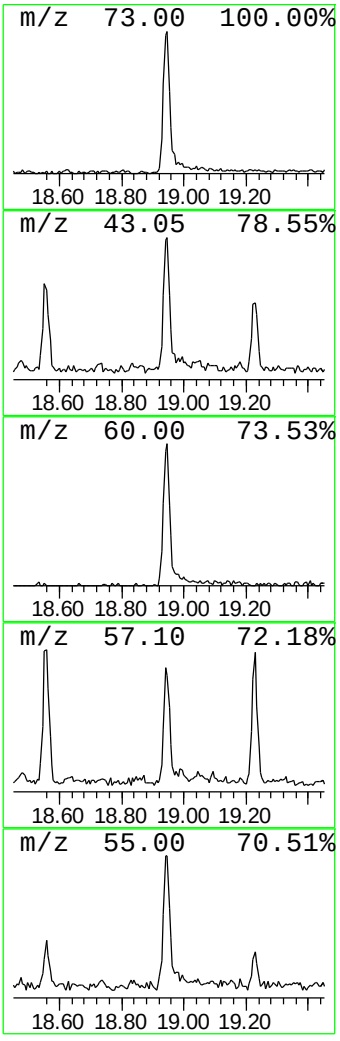
Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	6.53 ng	277755	Phenanthrene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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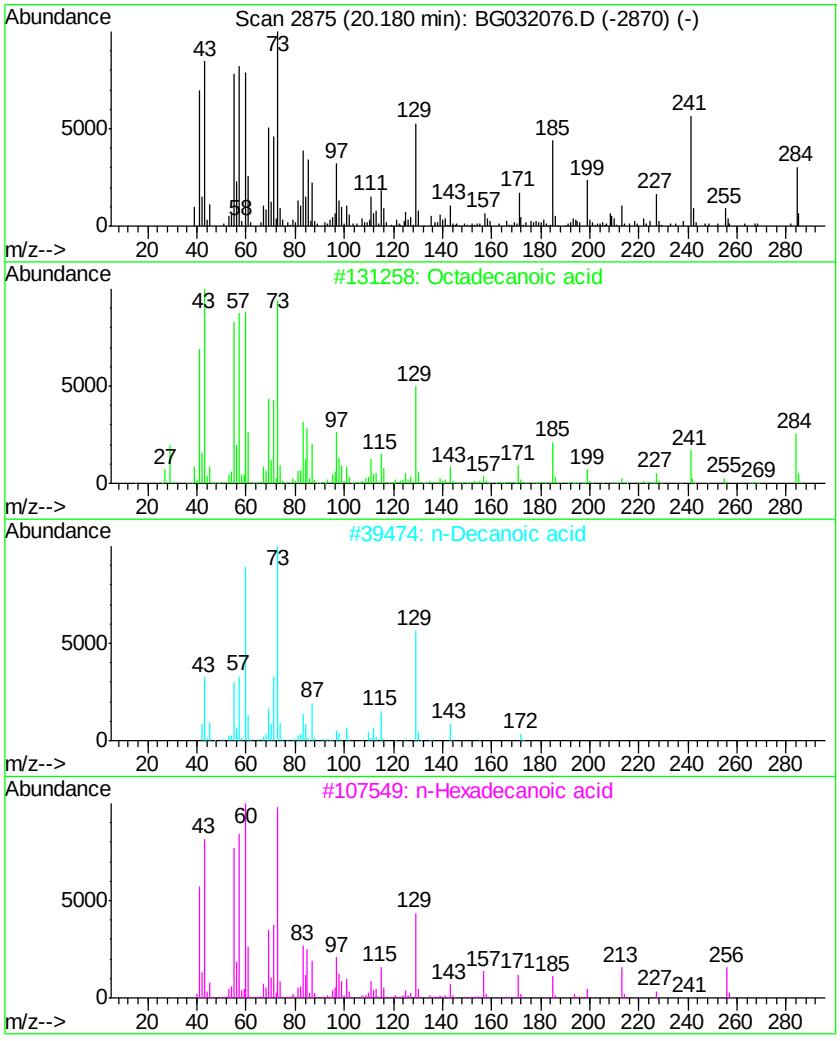
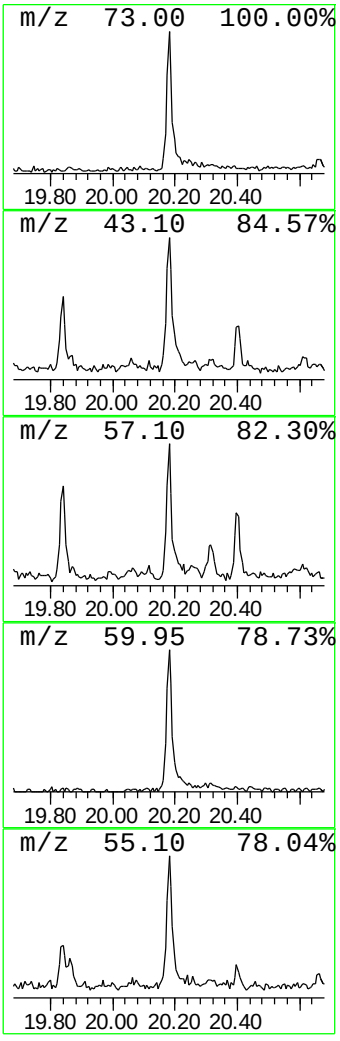
Peak Number 20 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	6.90 ng	293288	Phenanthrene-d10	18.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	55
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	Undecanoic acid	186	C11H22O2	000112-37-8	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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
unknown8.28	8.28	82.5	ng	1485140	1	8.77	360262	20.0
Benzene, 1,2,3-tr...	8.39	11.1	ng	199539	1	8.77	360262	20.0
Benzene, 1,2,4-tr...	8.88	5.4	ng	97704	1	8.77	360262	20.0
1,3-Cyclopentadie...	9.89	6.5	ng	116620	1	8.77	360262	20.0
Benzene, 1-methyl...	11.02	13.1	ng	302693	2	11.65	463051	20.0
Naphthalene, 1,2,...	11.27	8.5	ng	197699	2	11.65	463051	20.0
Naphthalene, 1,2,...	12.11	7.8	ng	180097	2	11.65	463051	20.0
1H-Indene, 2,3-di...	12.53	6.0	ng	139115	2	11.65	463051	20.0
Naphthalene, 1,2,...	12.80	17.3	ng	400459	2	11.65	463051	20.0
1H-Indene, 2,3-di...	12.98	5.9	ng	137405	2	11.65	463051	20.0
Naphthalene, 1,2,...	13.15	12.6	ng	290912	2	11.65	463051	20.0
Naphthalene, 1-me...	13.48	22.2	ng	513837	2	11.65	463051	20.0
Naphthalene, 1,2,...	14.34	6.0	ng	199155	3	15.40	666932	20.0
Naphthalene, 2,6-...	14.72	11.3	ng	376810	3	15.40	666932	20.0
Naphthalene, 1,5-...	14.77	5.8	ng	194895	3	15.40	666932	20.0
Naphthalene, 2,3-...	14.95	5.8	ng	192871	3	15.40	666932	20.0
Heptadecane	17.03	6.2	ng	262407	4	18.13	850422	20.0
n-Hexadecanoic acid	18.95	6.5	ng	277755	4	18.13	850422	20.0
Octadecanoic acid	20.18	6.9	ng	293288	4	18.13	850422	20.0