LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

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-BG082318.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	5.153	311	317	328	rBV	20668	37447	1.05%	0.183%
2	5.617	389	396	406	rBV	396894	636241	17.90%	3.111%
3	7.203	659	666	680	rBV	264041	462017	13.00%	2.259%
4	7.579	723	730	737	rBV	738280	1246672	35.08%	6.096%
5	8.049	803	810	817	rVB	178405	300911	8.47%	1.471%
6	8.373	855	865	875	rVB	591441	1030952	29.01%	5.041%
7	9.207	1000	1007	1014	rBV	577722	1009424	28.40%	4.936%
8	9.871	1112	1120	1129	rBV6	15384	44465	1.25%	0.217%
9	10.564	1229	1238	1246	rBV5	35101	93233	2.62%	0.456%
10	10.852	1280	1287	1301	rVV	259964	495746	13.95%	2.424%
11	10.970	1301	1307	1317	rVB9	15553	40061	1.13%	0.196%
12	11.169	1334	1341	1345	rBV7	19425	42871	1.21%	0.210%
13	11.428	1379	1385	1391	rVB7	16219	35763	1.01%	0.175%
14	11.704	1428	1432	1436	rVB4	28086	46662	1.31%	0.228%
15	11.974	1474	1478	1483	rVB7	21746	41036	1.15%	0.201%
16	12.039	1483	1489	1492	rBV7	26104	60745	1.71%	0.297%
17	12.098	1496	1499	1504	rVB2	32078	48753	1.37%	0.238%
18	12.309	1529	1535	1542	rBV7	15871	44643	1.26%	0.218%
19	12.497	1559	1567	1572	rBV9	41938	118768	3.34%	0.581%
20	12.603	1578	1585	1593	rVB10	29386	82894	2.33%	0.405%
21	12.791	1610	1617	1629	rVB8	57777	218298	6.14%	1.067%
22	12.897	1629	1635	1638	rBV7	24579	56538	1.59%	0.276%
23	13.020	1650	1656	1662	rVB6	36998	99001	2.79%	0.484%
24	13.085	1662	1667	1673	rBV4	46253	83045	2.34%	0.406%
25	13.196	1681	1686	1695	rVB4	51875	116243	3.27%	0.568%
26	13.296	1695	1703	1710	rBV	1405005	2206355	62.08%	10.788%
27	13.561	1744	1748	1753	rVB8	21143	36639	1.03%	0.179%
28	13.637	1756	1761	1762	rBV5	32858	52121	1.47%	0.255%
29	13.696	1768	1771	1776	rVB5	41201	61752	1.74%	0.302%
30	13.796	1783	1788	1792	rBV3	61617	112381	3.16%	0.550%
31	13.843	1793	1796	1800	rVB3	47038	67002	1.89%	0.328%
32	13.925	1804	1810	1814	rVB5	46444	103679	2.92%	0.507%
33	14.013	1821	1825	1828	rBV5	36498	52898	1.49%	0.259%
34	14.113	1838	1842	1848	rVB2	67733	131517	3.70%	0.643%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

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-BG082318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.277	1865	1870	1873	rBV7	30922	64527	1.82%	0.316%
36	14.313	1873	1876	1881	rVB6	49145	81446	2.29%	0.398%
37	14.501	1900	1908	1920	rBV6	43631	169267	4.76%	0.828%
38	14.624	1922	1929	1932	rVV6	38966	106451	3.00%	0.521%
39	14.677	1932	1938	1946	rVB2	396961	696096	19.59%	3.404%
40	14.771	1951	1954	1960	rVB5	54906	77746	2.19%	0.380%
41	15.059	2001	2003	2015	rVB2	42701	90943	2.56%	0.445%
42	15.165	2016	2021	2024	rBV3	94106	152164	4.28%	0.744%
43	15.235	2030	2033	2041	rVB7	44813	82439	2.32%	0.403%
44	15.323	2042	2048	2056	rVB7	102790	230237	6.48%	1.126%
45	15.723	2112	2116	2122	rBV5	70842	114462	3.22%	0.560%
46	16.058	2168	2173	2179	rVB7	64938	148955	4.19%	0.728%
47	16.116	2180	2183	2185	rVV2	52463	67215	1.89%	0.329%
48	16.163	2185	2191	2207	rVB	1257713	2133700	60.03%	10.433%
49	17.415	2399	2404	2412	rVB2	546443	846331	23.81%	4.138%
50	18.008	2502	2505	2510	rVB	50524	74858	2.11%	0.366%
51	18.308	2552	2556	2561	rBV2	112487	157713	4.44%	0.771%
52	19.571	2769	2771	2778	rVB6	50063	61370	1.73%	0.300%
53	20.024	2843	2848	2854	rBV	2683818	3554179	100.00%	17.379%
54	20.905	2994	2998	3004	rVB	176807	224537	6.32%	1.098%
55	21.334	3069	3071	3080	rVB6	46722	83882	2.36%	0.410%
56	21.680	3125	3130	3138	rVB	560051	933466	26.26%	4.564%
57	24.894	3668	3677	3688	rVB2	343524	982335	27.64%	4.803%

Sum of corrected areas: 20451092

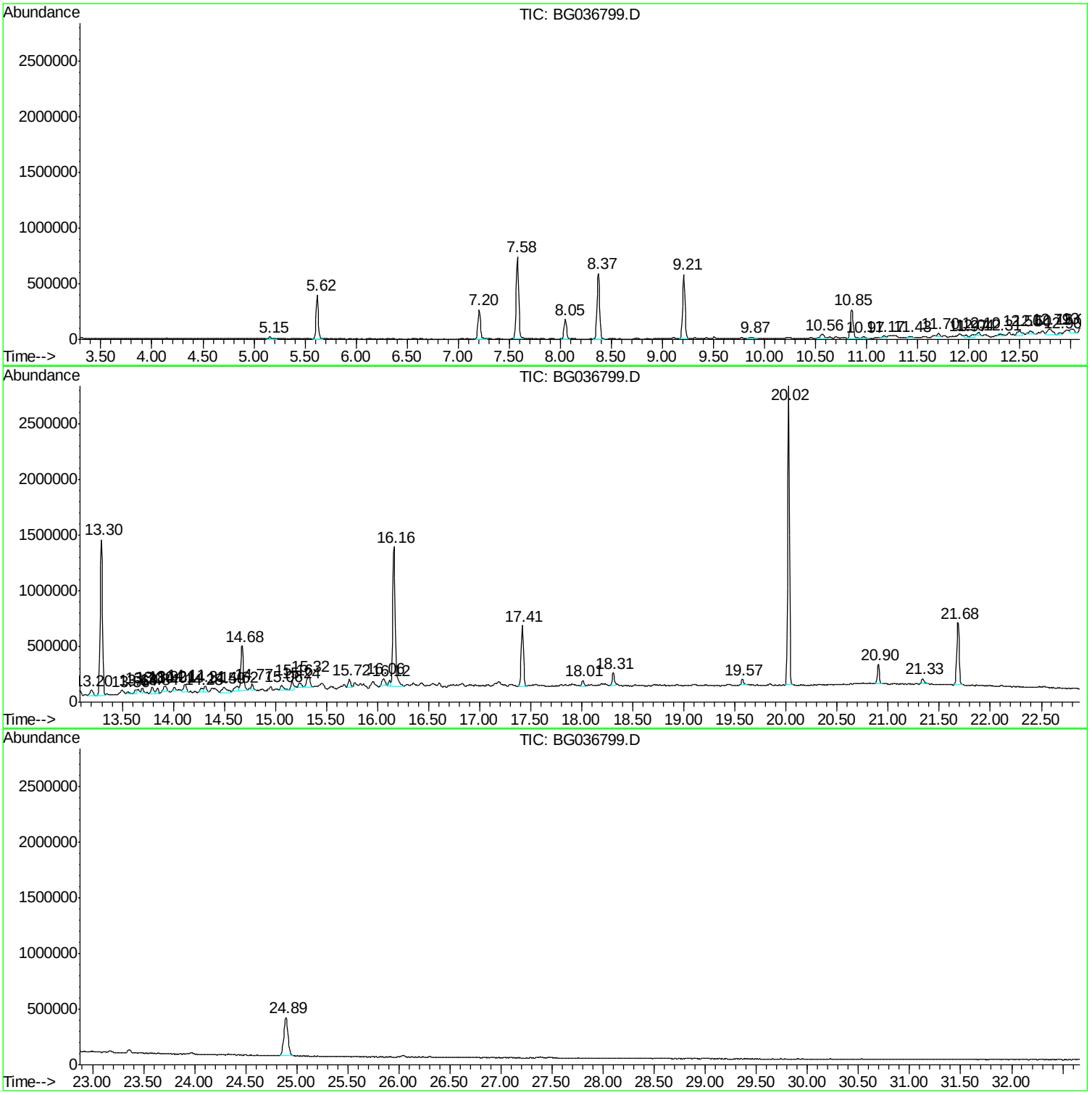
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

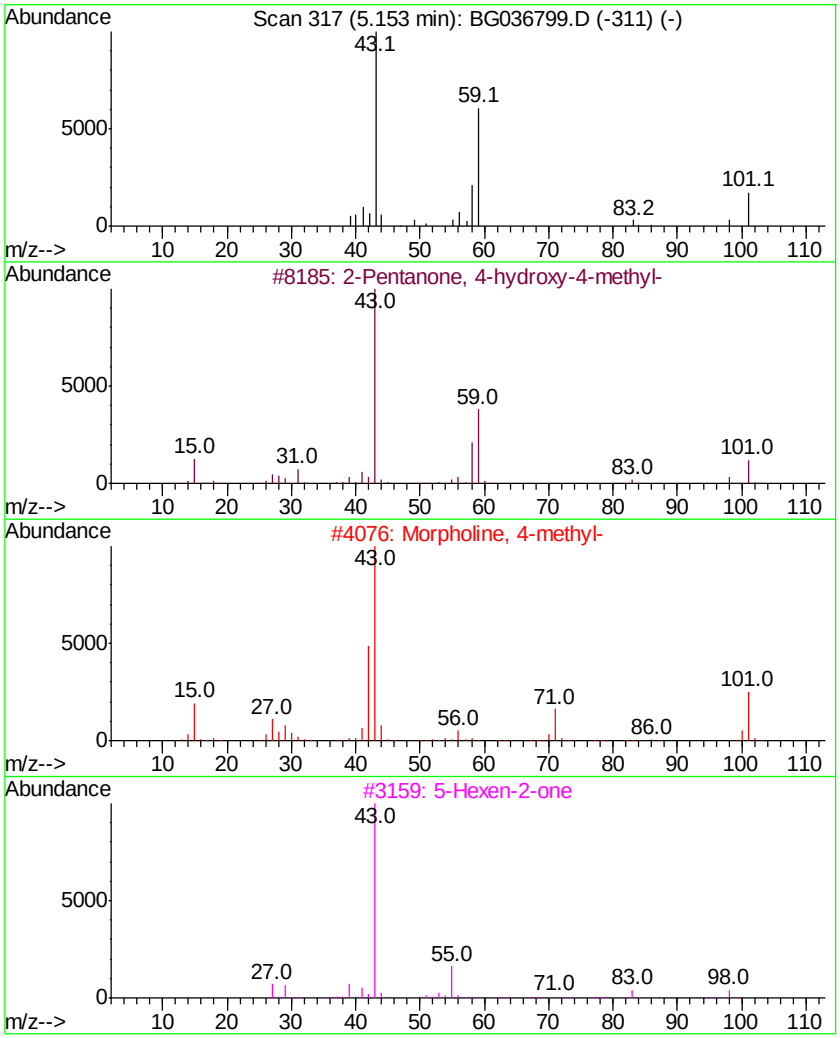
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

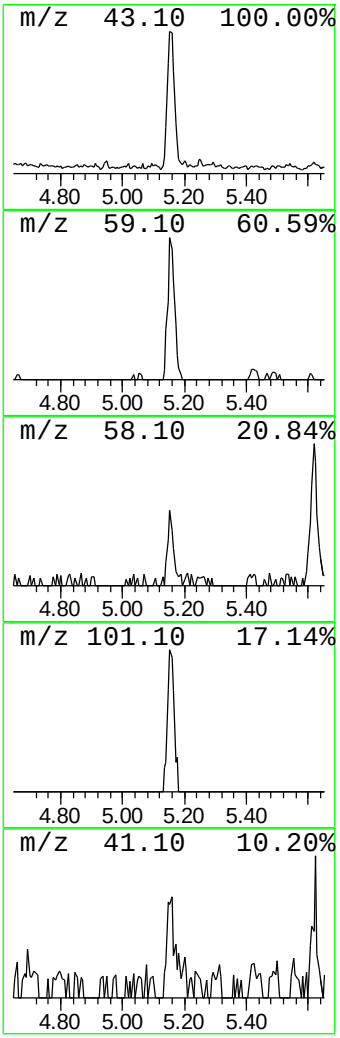
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	2.49 ng	37447	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

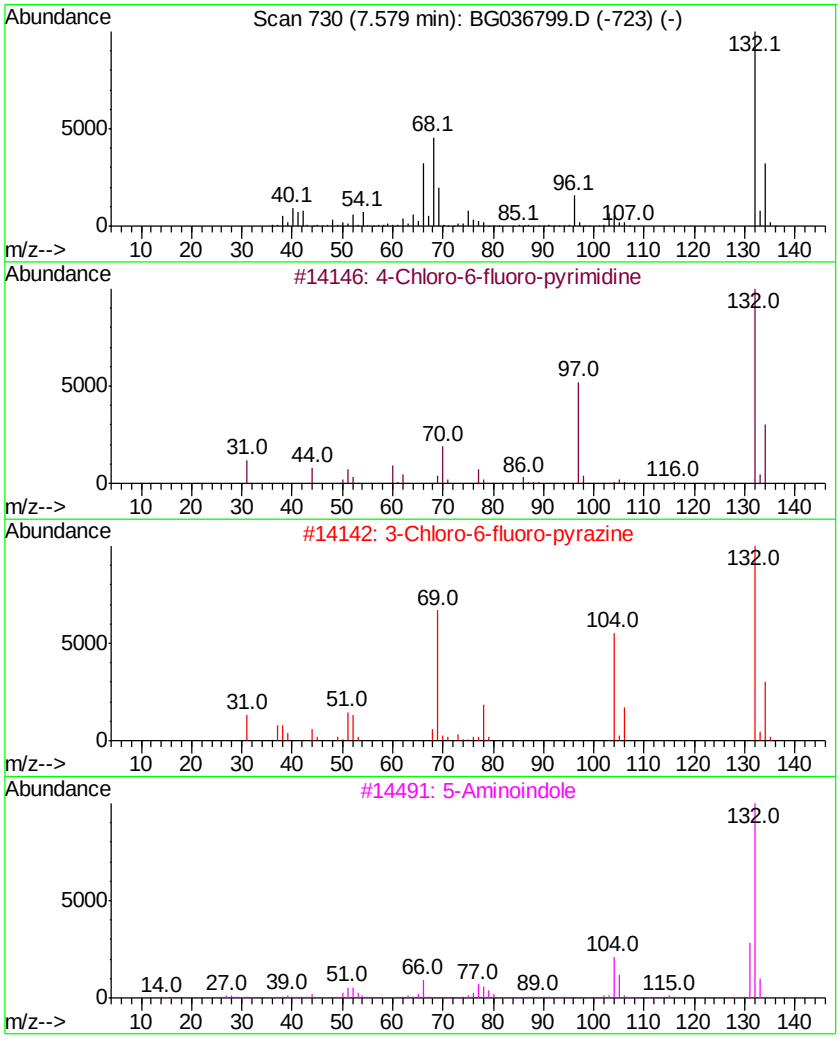
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

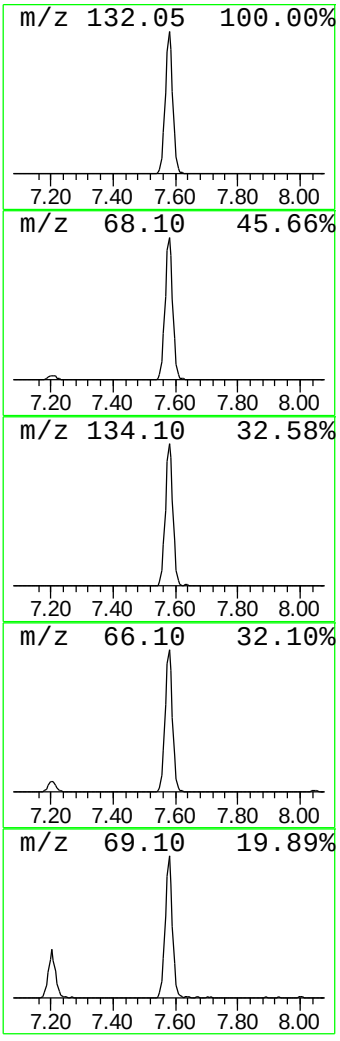
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	82.86 ng	1246670	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

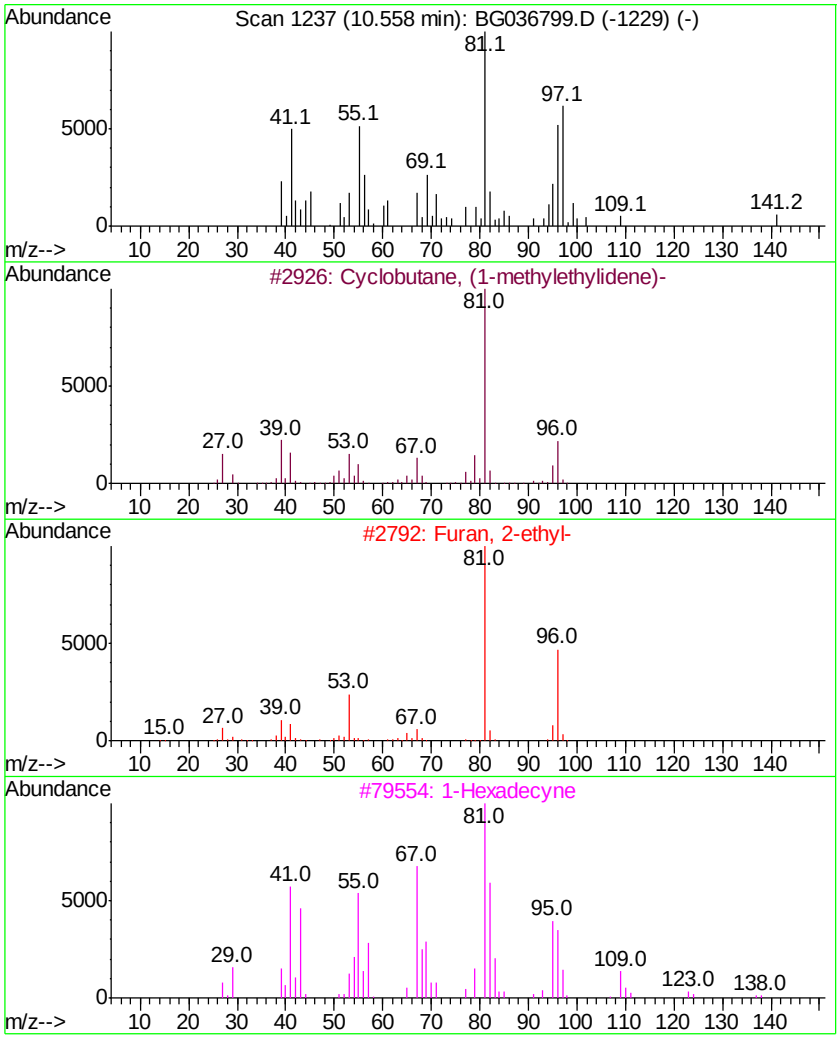
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

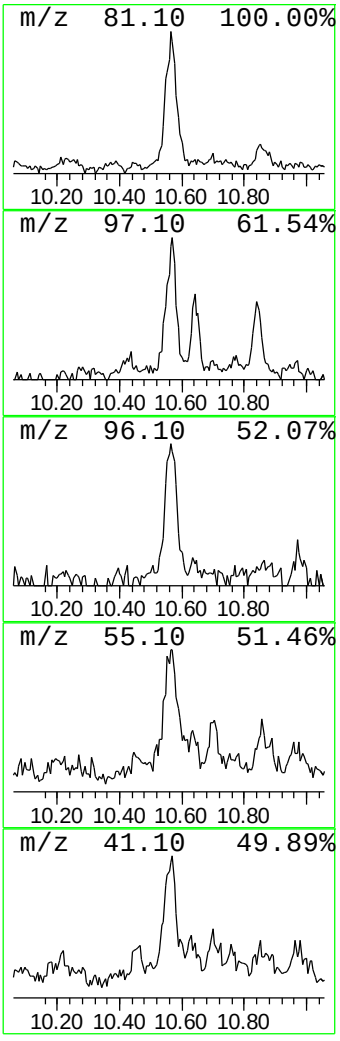
****

Peak Number 4 unknown10.56 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	3.76 ng	93233	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
2	Furan, 2-ethyl-	96	C6H8O	003208-16-0	43
3	1-Hexadecyne	222	C16H30	000629-74-3	43
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	43
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

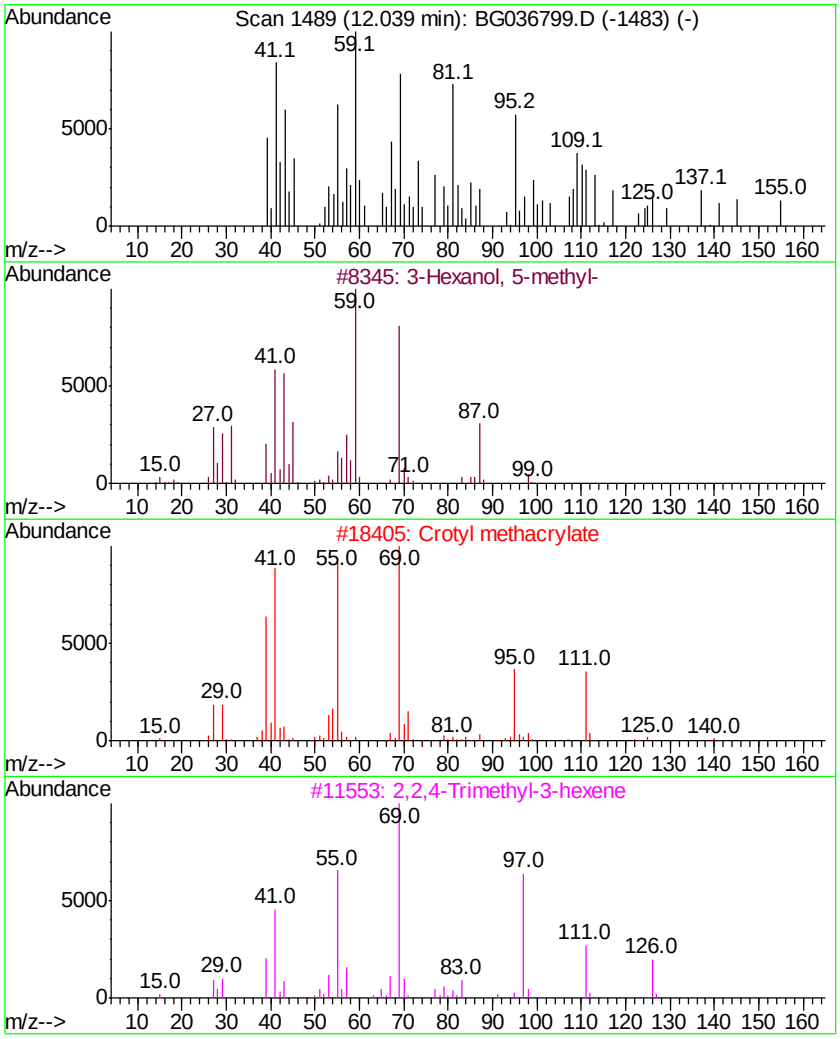
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

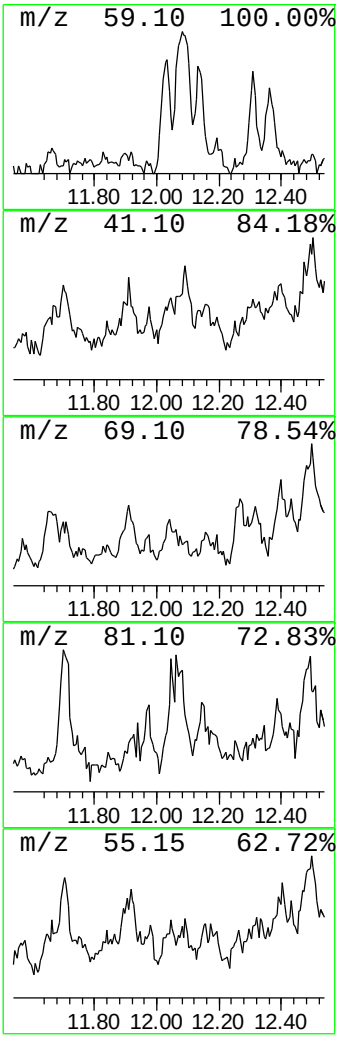
****

Peak Number 5 unknown12.04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.45 ng	60745	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	35
2	Crotyl methacrylate	140	C8H12O2	007376-45-6	22
3	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	14
4	9-Oxabicyclo[6.1.0]nonane, 1-met...	140	C9H16O	052954-47-9	14
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

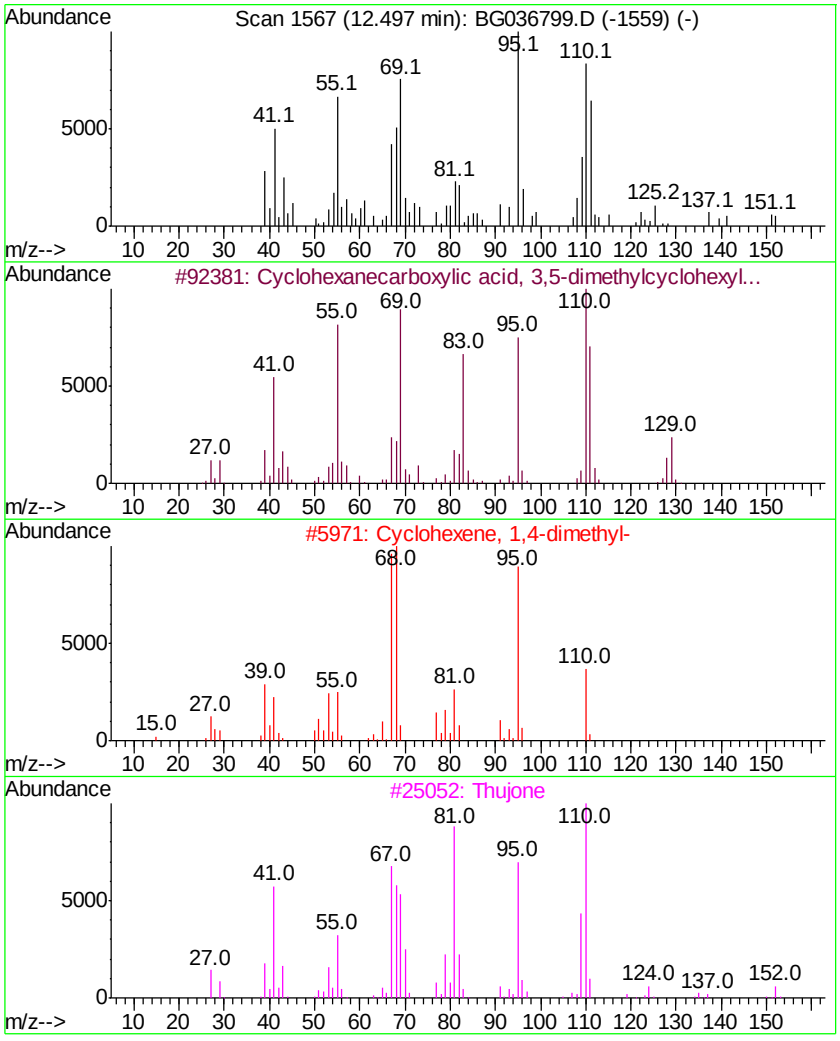
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

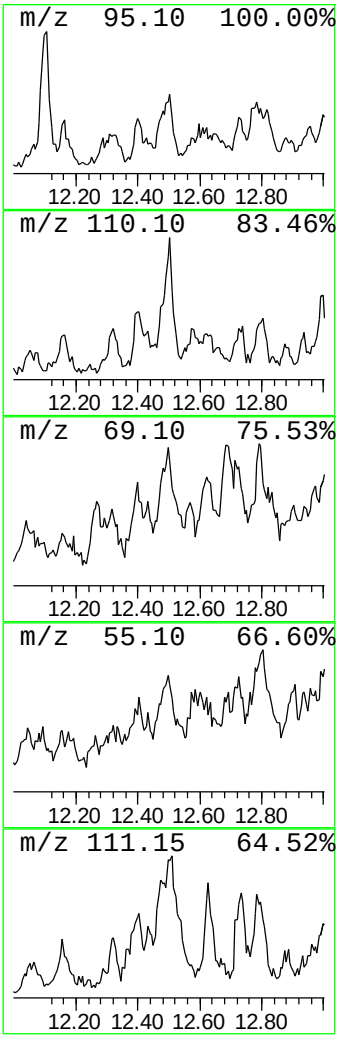
****

Peak Number 6 Cyclohexanecarboxylic acid,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	4.79 ng	118768	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 3,5-...	238	C15H26O2	1000279-52-3	50
2	Cyclohexene, 1,4-dimethyl-	110	C8H14	002808-79-9	47
3	Thujone	152	C10H16O	000546-80-5	43
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	38
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

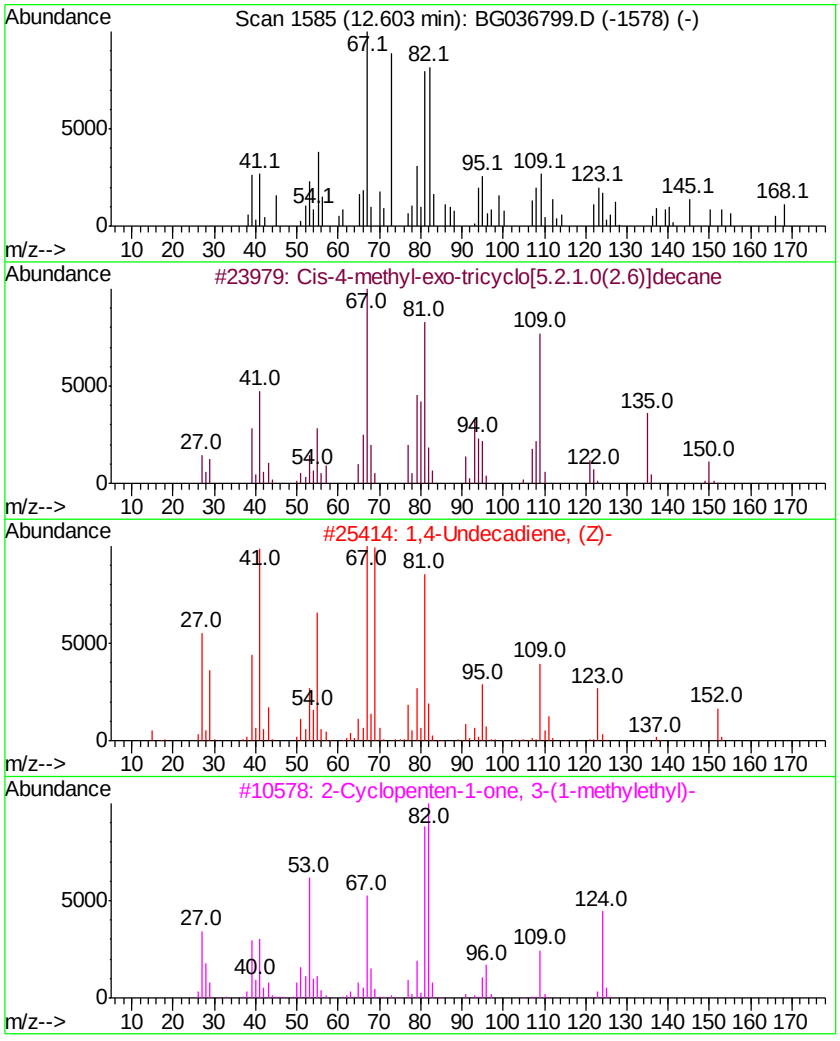
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

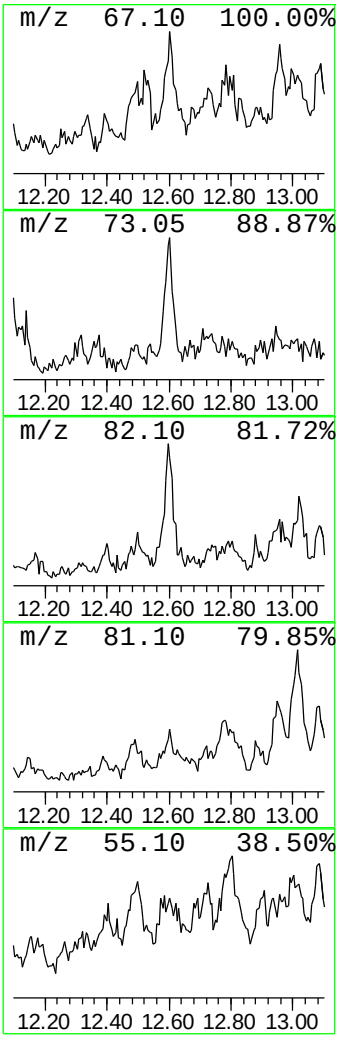
****

Peak Number 7 unknown12.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	3.34 ng	82894	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	46
2	1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	38
3	2-Cyclopenten-1-one, 3-(1-methyl...	124	C8H12O	001619-28-9	38
4	trans-3-Hexen-1-ol, pentafluorop...	246	C9H11F5O2	1000352-30-9	35
5	1-Nonyne, 7-methyl-	138	C10H18	071566-65-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

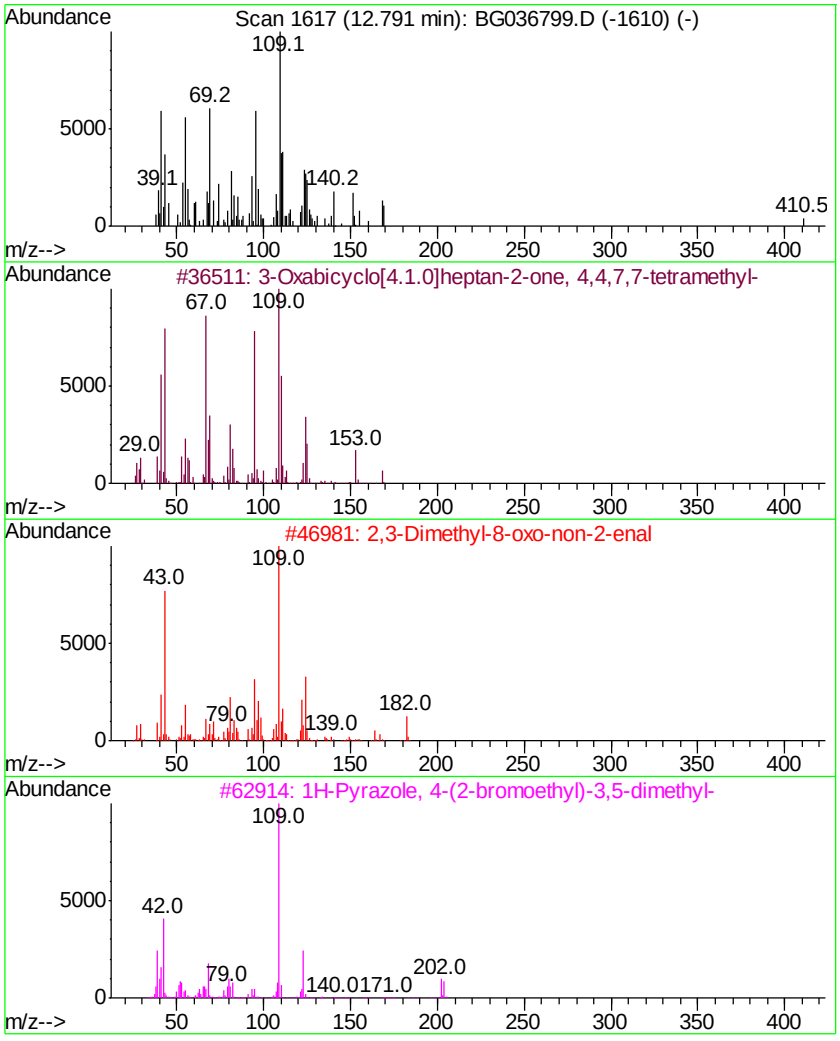
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

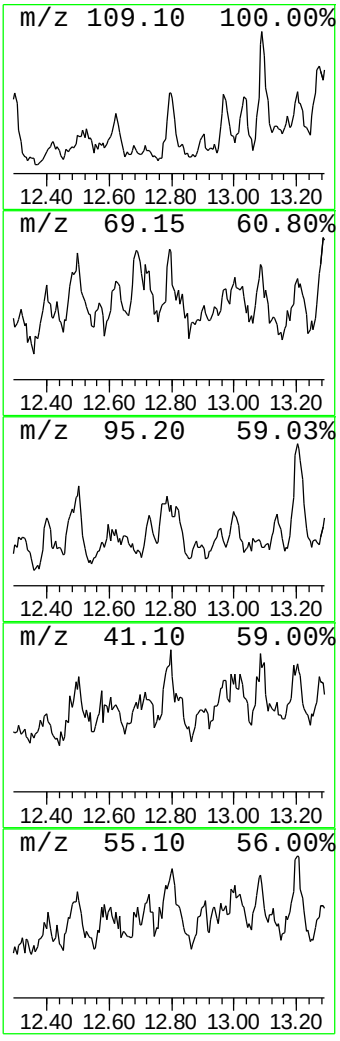
****

Peak Number 8 unknown12.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	6.27 ng	218298	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	43
2	2,3-Dimethyl-8-oxo-non-2-enal	182	C11H18O2	1000186-82-6	40
3	1H-Pyrazole, 4-(2-bromoethyl)-3,...	202	C7H11BrN2	083467-28-1	35
4	Benzene, 1-(2-bromoethyl)-3-fluoro-	202	C8H8BrF	025017-13-4	35
5	1-Methyl-5-imidazoliecarboxylic ...	140	C5H8N4O	023585-00-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

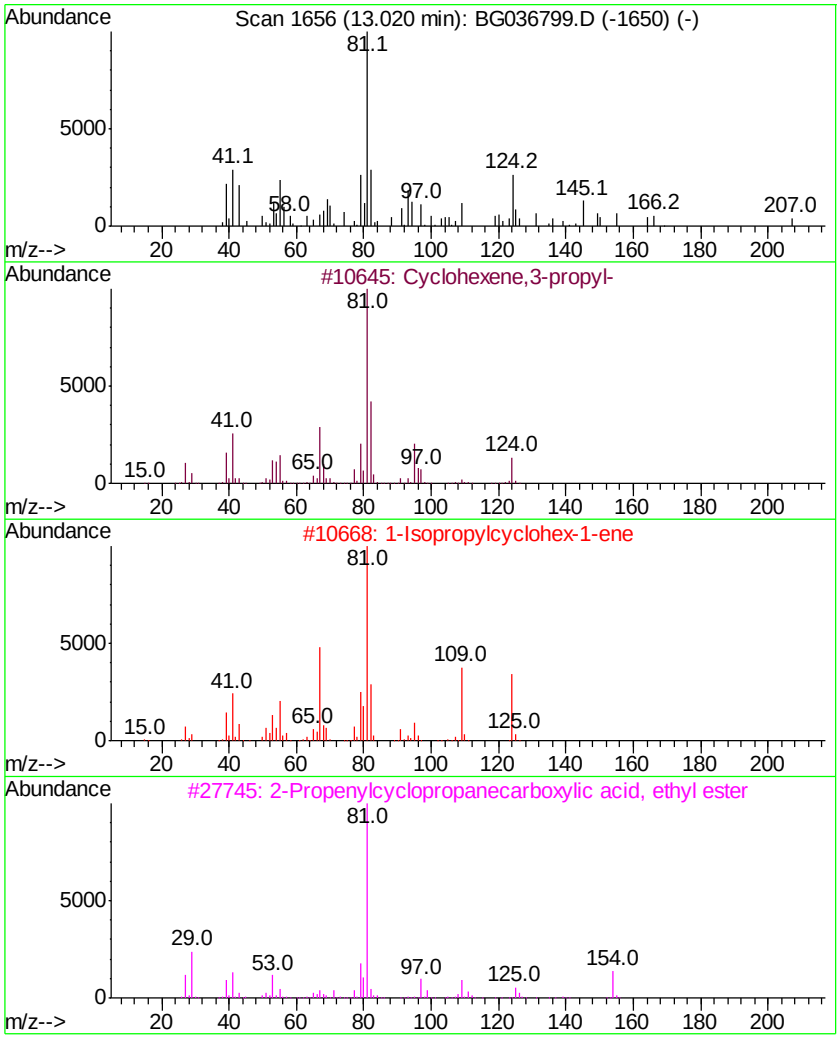
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

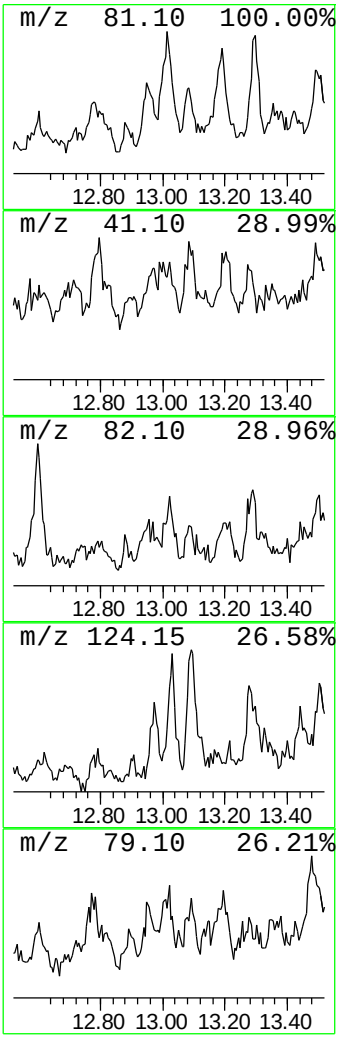
****

Peak Number 9 Cyclohexene,3-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.84 ng	99001	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	53
2	1-Isopropylcyclohex-1-ene	124	C9H16	004292-04-0	53
3	2-Propenylcyclopropanecarboxylic...	154	C9H14O2	016783-15-6	50
4	Undec-10-ynoic acid	182	C11H18O2	002777-65-3	50
5	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	45





Library Search Compound Report

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Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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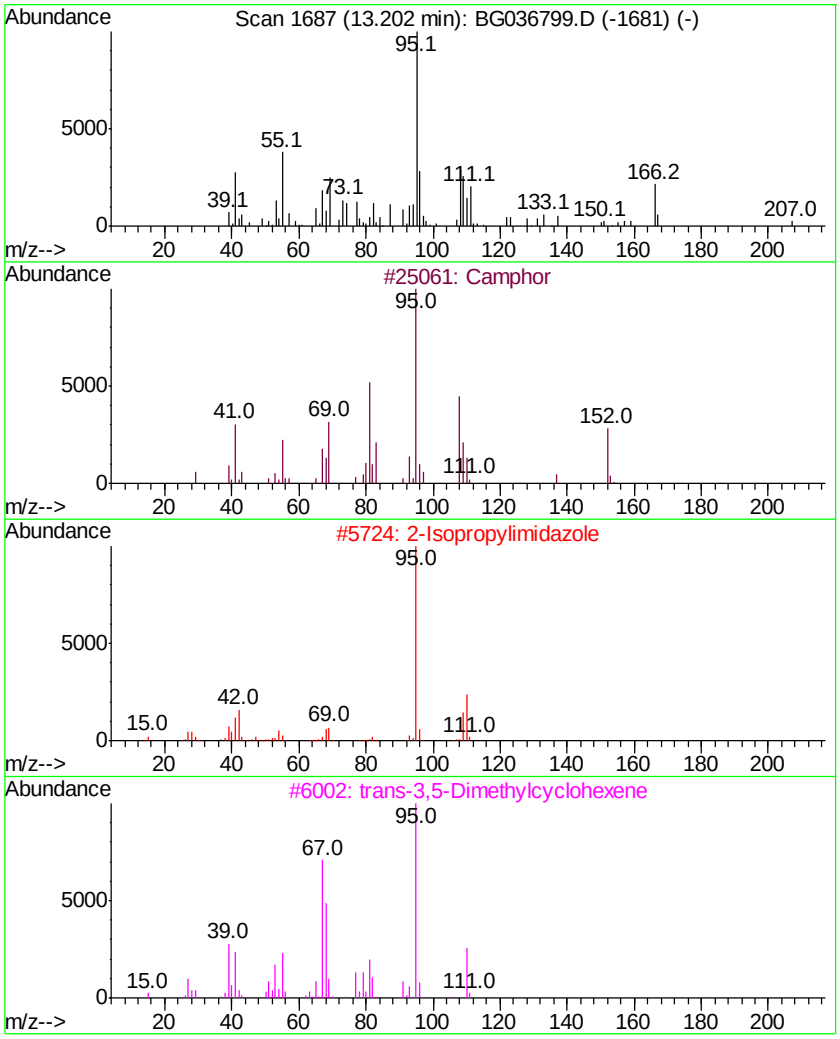
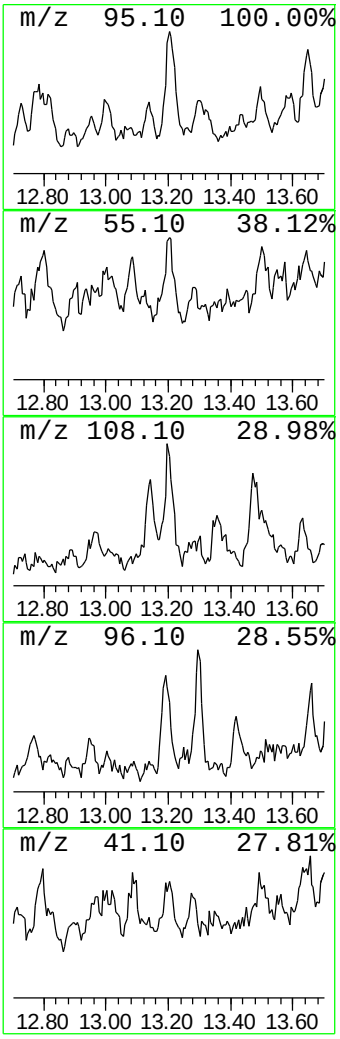
Peak Number 10 unknown13.20 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	3.34 ng	116243	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	47
2	2-Isopropylimidazole	110	C6H10N2	036947-68-9	43
3	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	43
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43





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Misc :
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ClientSampleId : LIP-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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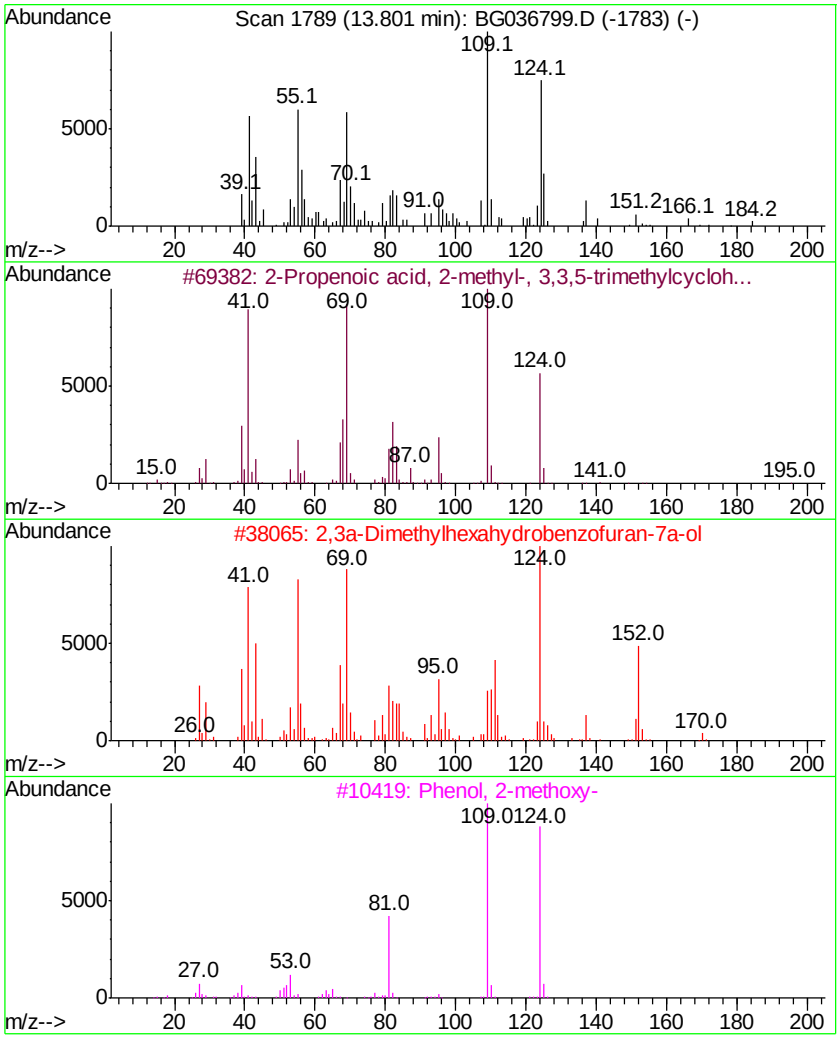
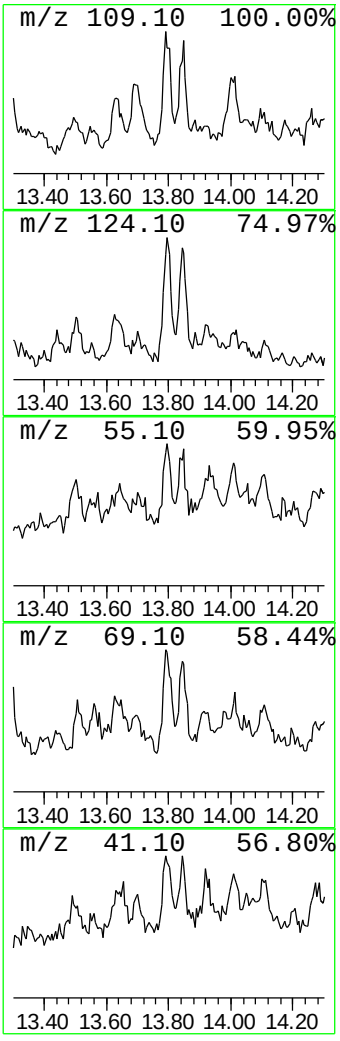
Peak Number 11 2-Propenoic acid, 2-methyl-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	3.23 ng	112381	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, 3,3...	210	C13H22O2	007779-31-9	53
2	2,3a-Dimethylhexahydrobenzofuran...	170	C10H18O2	1000186-53-6	43
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	38
4	1,1-Dimethyl-4-methylenecyclohexane	124	C9H16	006007-96-1	38
5	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	38





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ClientSampleId : LIP-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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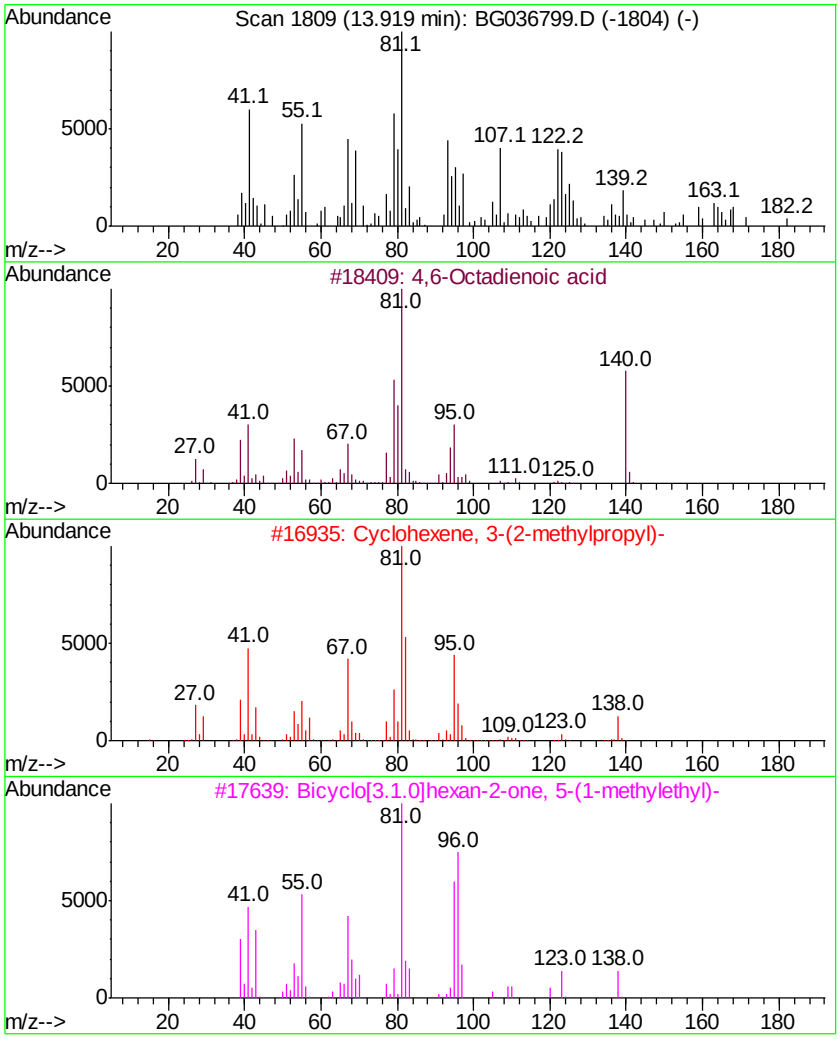
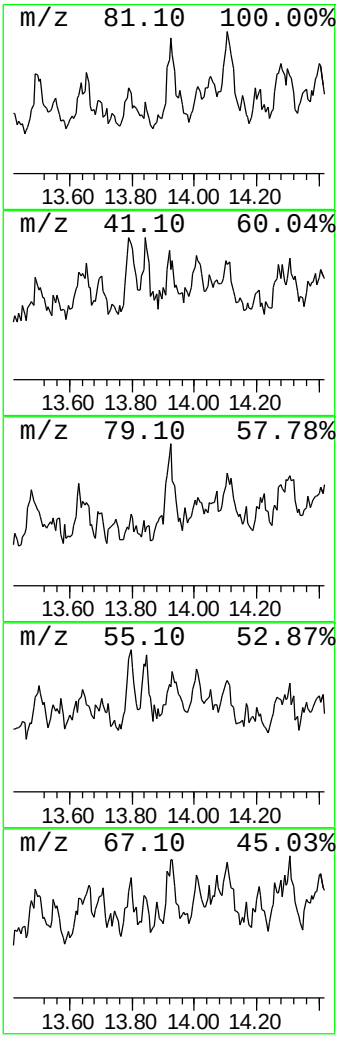
Peak Number 12 unknown13.92 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.98 ng	103679	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Octadienoic acid	140	C8H12O2	062765-17-7	46
2	Cyclohexene, 3-(2-methylpropyl)-	138	C10H18	004104-56-7	46
3	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	43
4	1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	38
5	3-Octyne, 2,2-dimethyl-	138	C10H18	019482-57-6	35





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Misc :
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Instrument : BNA_G
ClientSampleId : LIP-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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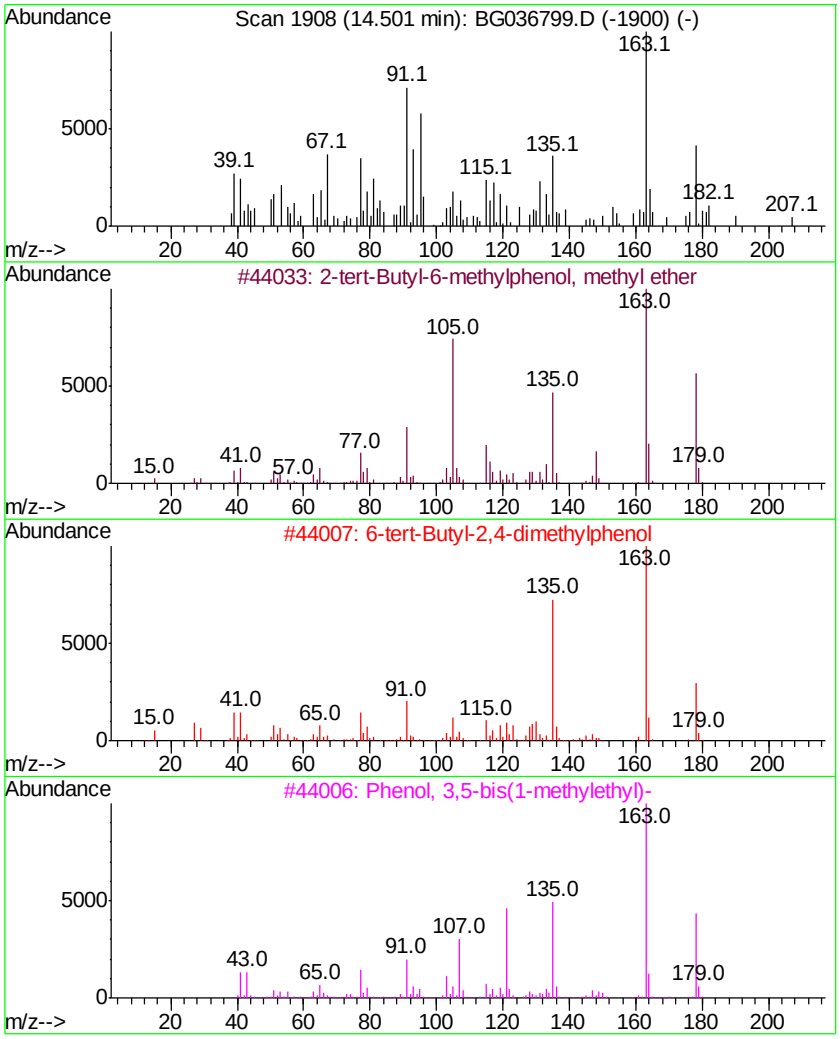
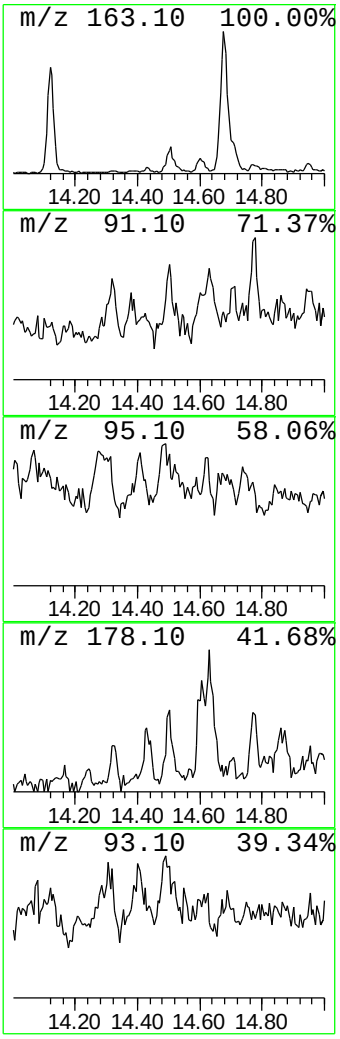
Peak Number 13 2-tert-Butyl-6-methylphenol... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	4.86 ng	169267	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-tert-Butyl-6-methylphenol, met...	178	C12H18O	1000333-48-1	50
2	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	45
3	Phenol, 3,5-bis(1-methylethyl)-	178	C12H18O	026886-05-5	45
4	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	38
5	Pyrido[3,4-d]pyrimidine-2,4(1H,3...	163	C7H5N3O2	021038-67-5	35





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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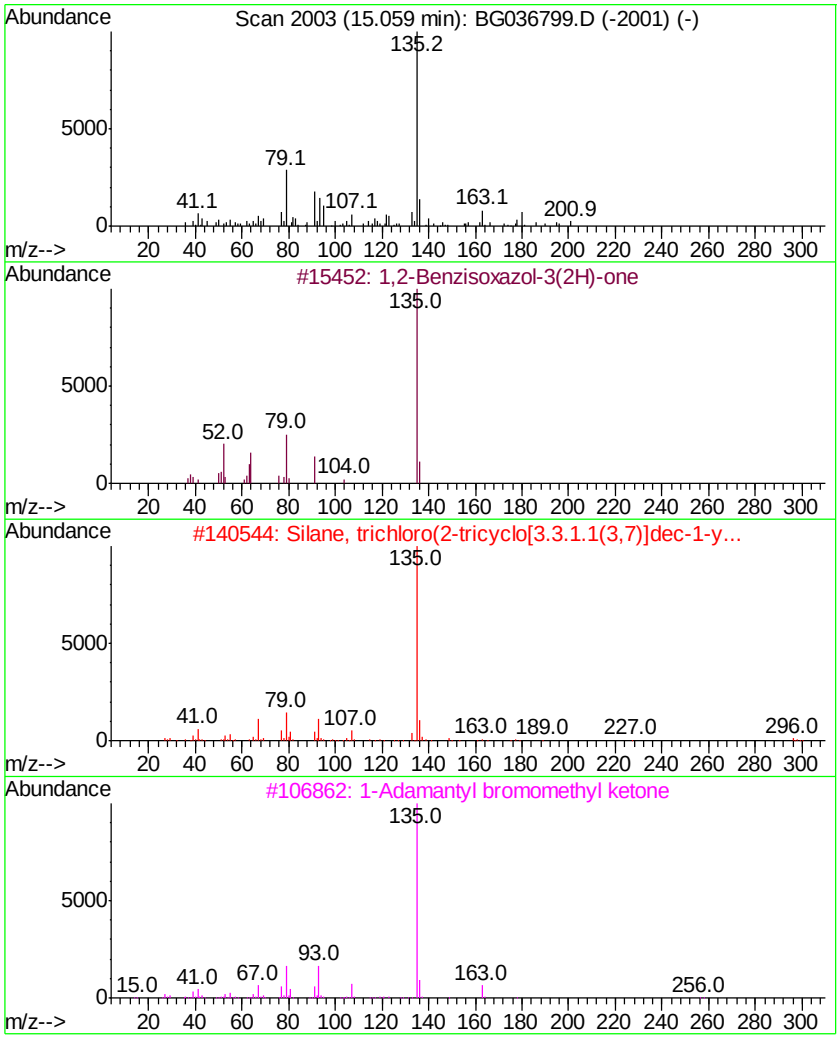
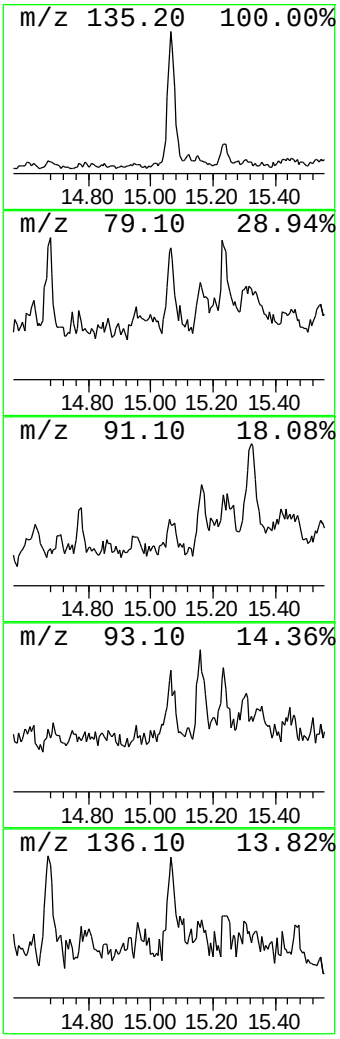
Peak Number 14 1,2-Benzisoxazol-3(2H)-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.61 ng	90943	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzisoxazol-3(2H)-one	135	C7H5NO2	021725-69-9	64
2	Silane, trichloro(2-tricyclo[3.3...	296	C12H19Cl3Si	037843-11-1	59
3	1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	59
4	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	53
5	1-Bromoadamantane	214	C10H15Br	000768-90-1	53





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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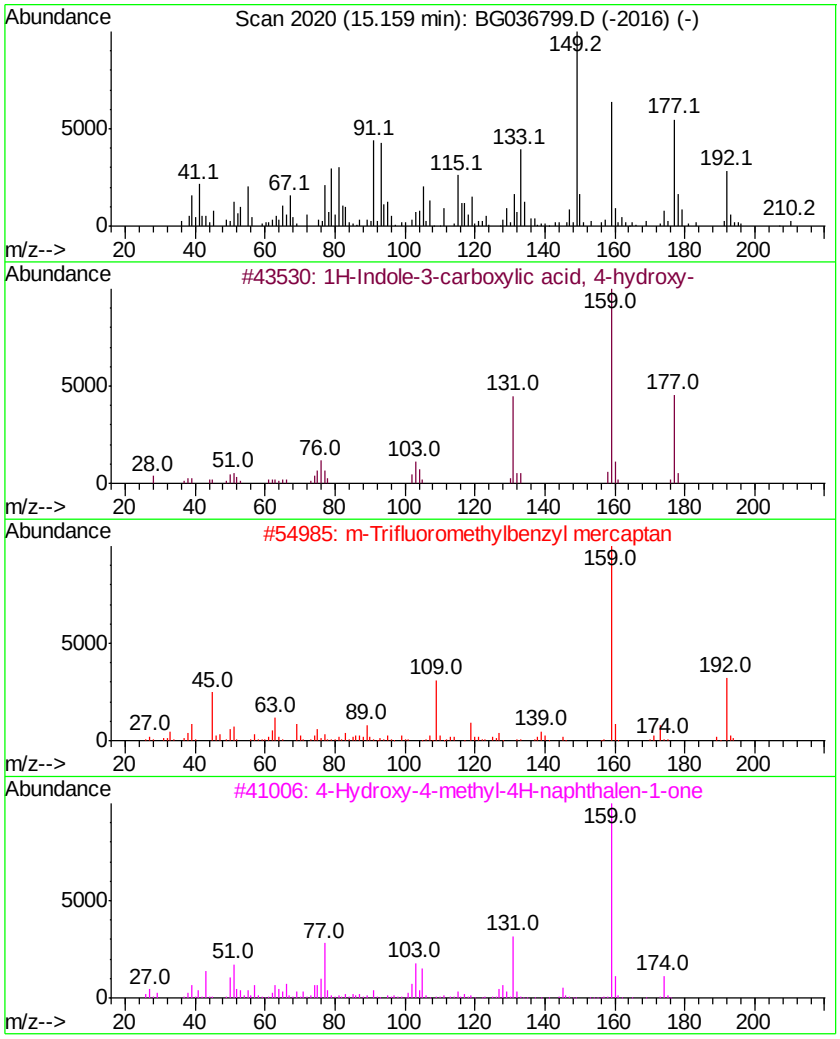
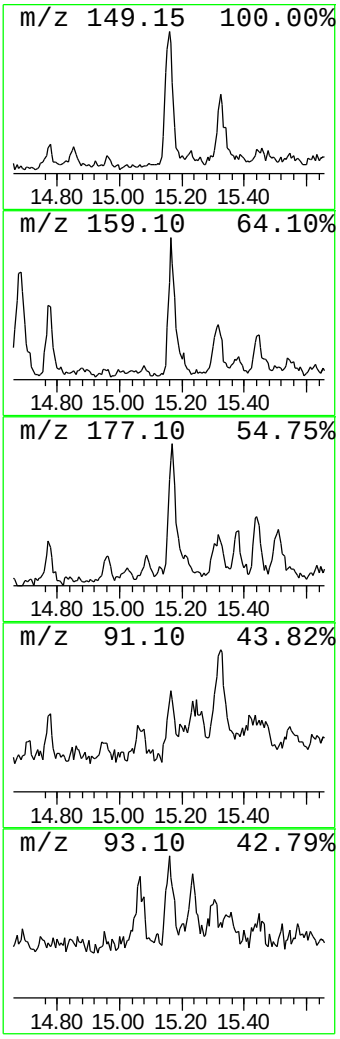
Peak Number 15 unknown15.16 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.37 ng	152164	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-3-carboxylic acid, 4-h...	177	C9H7NO3	024370-76-1	38
2	m-Trifluoromethylbenzyl mercaptan	192	C8H7F3S	025697-55-6	25
3	4-Hydroxy-4-methyl-4H-naphthalen...	174	C11H10O2	042860-82-2	20
4	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	18
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	15





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Misc :
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ClientSampleId : LIP-22

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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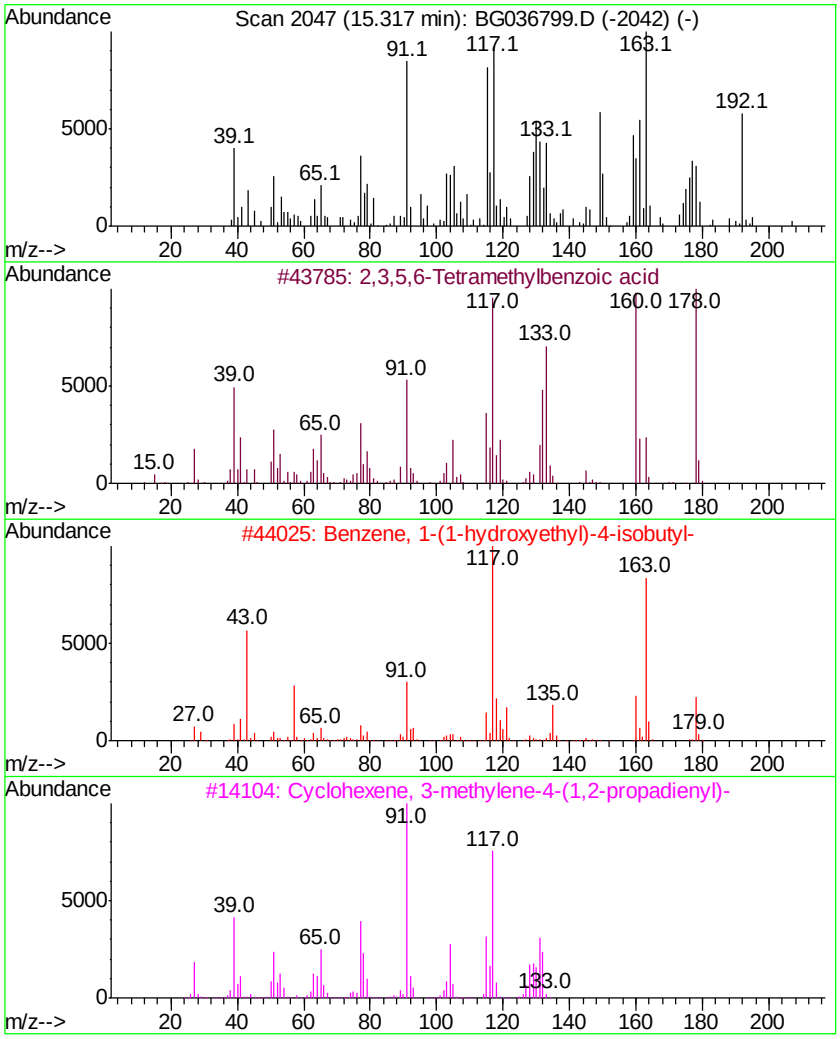
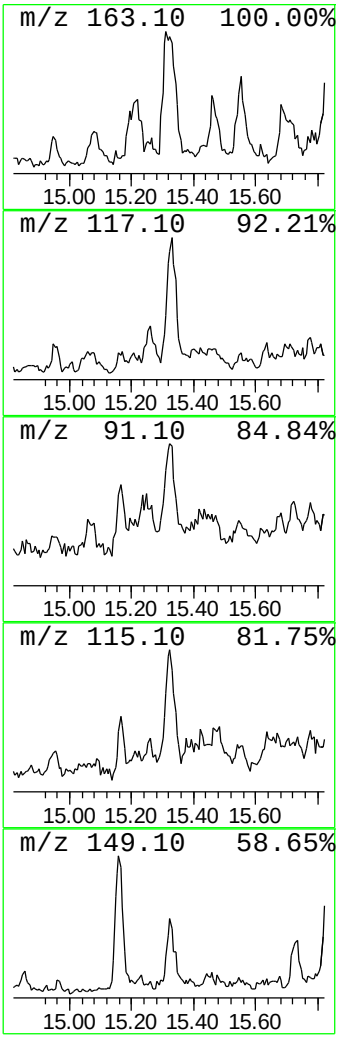
Peak Number 16 unknown15.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.62 ng	230237	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetramethylbenzoic acid	178	C11H14O2	002604-45-7	38
2	Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	30
3	Cyclohexene, 3-methylene-4-(1,2-...	132	C10H12	068377-81-1	25
4	Thiophene, 2-(methylseleno)-	178	C5H6SSe	020892-42-6	22
5	Biphenylene, 1,2,3,6,7,8,8a,8b-o...	160	C12H16	028229-15-4	20





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Misc :
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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
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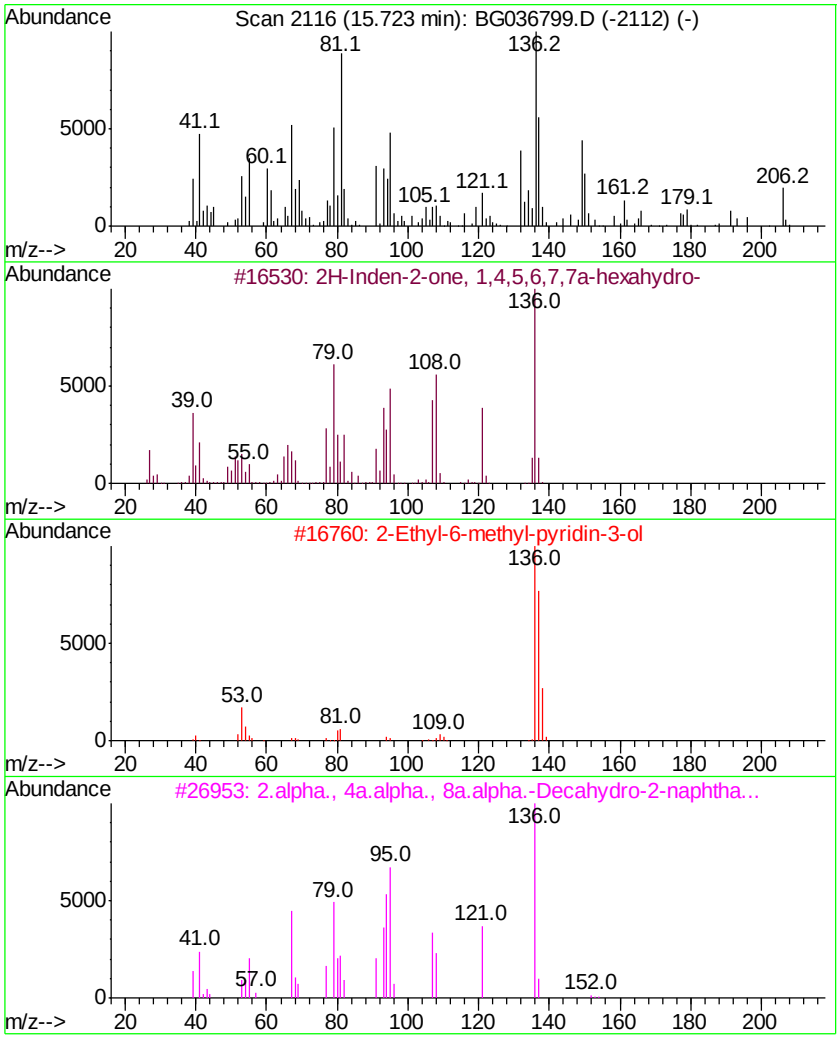
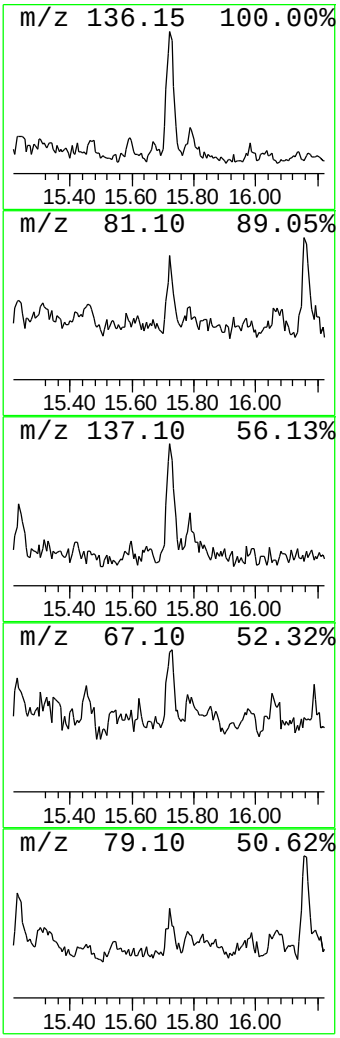
Peak Number 17 unknown15.72 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.29 ng	114462	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Inden-2-one, 1,4,5,6,7,7a-hex...	136	C9H12O	039163-29-6	35
2	2-Ethyl-6-methyl-pyridin-3-ol	137	C8H11NO	1000300-55-6	30
3	2.alpha., 4a.alpha., 8a.alpha.-D...	154	C10H18O	001424-36-8	27
4	Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	018675-33-7	22
5	2H-Quinolizine, 1,3,4,6,7,9a-hex...	137	C9H15N	001004-90-6	18





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TIC Library : C:\Database\NIST11.L
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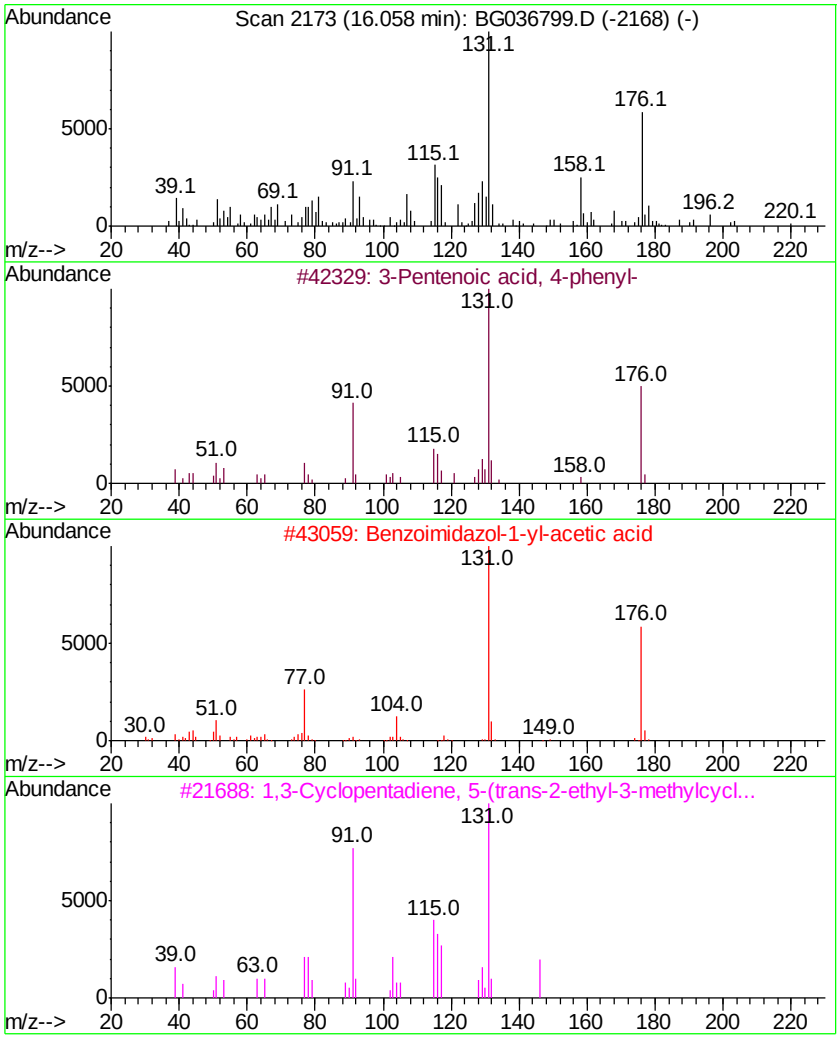
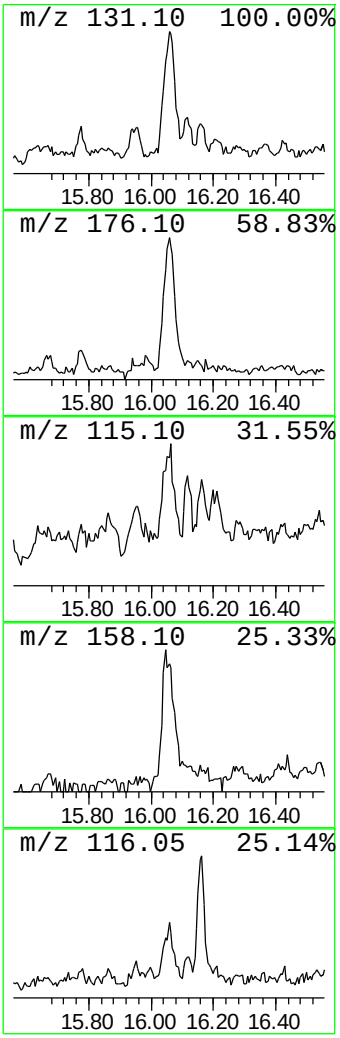
Peak Number 18 3-Pentenoic acid, 4-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.52 ng	148955	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	50
2	Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	49
3	1,3-Cyclopentadiene, 5-(trans-2-...	146	C11H14	079209-36-2	47
4	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	46
5	[2-(Hydroxy-phenyl-phosphinoyl)-...	316	C15H13N2O4P	300566-65-8	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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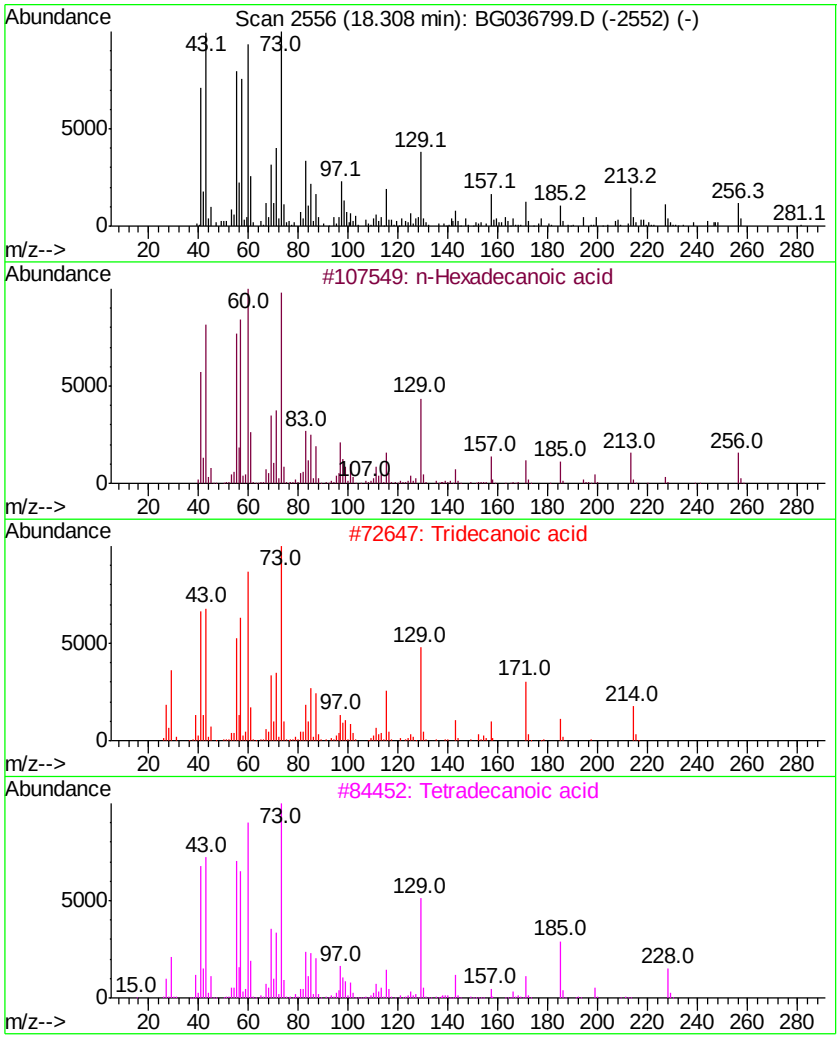
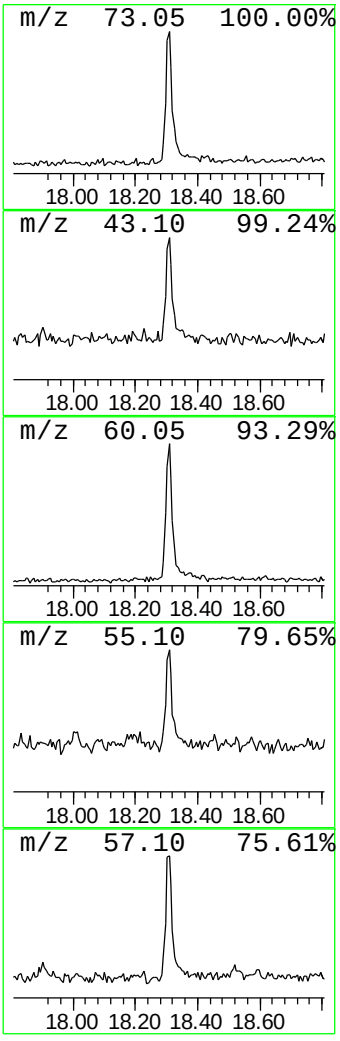
Peak Number 19 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.73 ng	157713	Phenanthrene-d10	17.41

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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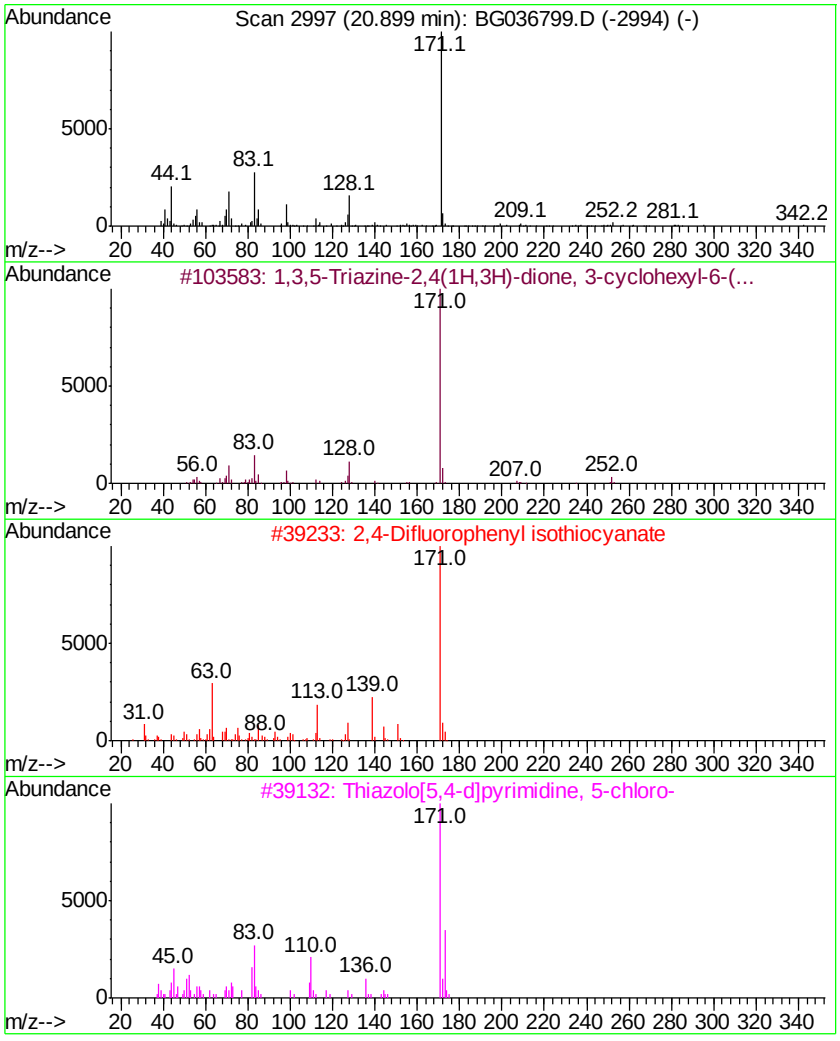
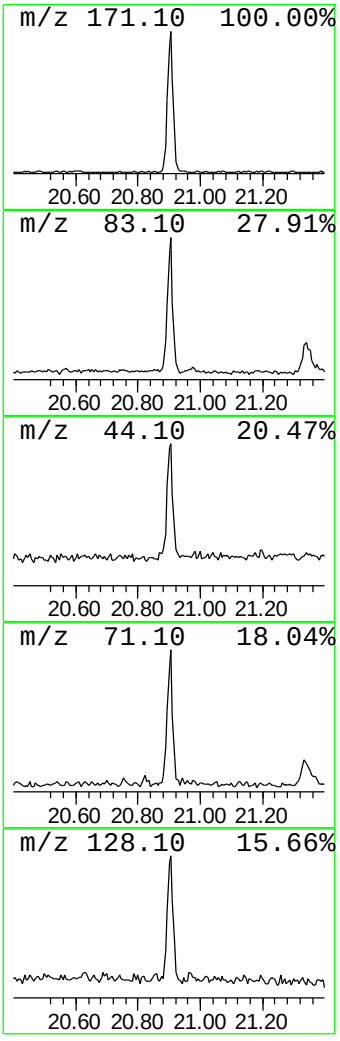
Peak Number 20 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	4.81 ng	224537	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	97
2	2,4-Difluorophenyl isothiocyanate	171	C7H3F2NS	141106-52-7	47
3	Thiazolo[5,4-d]pyrimidine, 5-chl...	171	C5H2ClN3S	013316-08-0	38
4	4-[(5-Methyl-isoxazol-3-ylcarbam...	296	C13H20N4O4	1000301-37-3	37
5	Methanone, [4-(2-methoxy-1-napht...	360	C23H24N2O2	332850-88-1	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091818\
Data File : BG036799.D
Acq On : 18 Sep 2018 23:42
Operator : JU/SJ
Sample : J4922-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LIP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.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
2-Pentanone, 4-hy...	5.15	2.5	ng	37447	1	8.05	300911	20.0
unknown7.58	7.58	82.9	ng	1246670	1	8.05	300911	20.0
unknown10.56	10.56	3.8	ng	93233	2	10.85	495746	20.0
unknown12.04	12.04	2.5	ng	60745	2	10.85	495746	20.0
Cyclohexanecarbox...	12.50	4.8	ng	118768	2	10.85	495746	20.0
unknown12.60	12.60	3.3	ng	82894	2	10.85	495746	20.0
unknown12.79	12.79	6.3	ng	218298	3	14.67	696096	20.0
Cyclohexene,3-pro...	13.02	2.8	ng	99001	3	14.67	696096	20.0
unknown13.20	13.20	3.3	ng	116243	3	14.67	696096	20.0
2-Propenoic acid,...	13.80	3.2	ng	112381	3	14.67	696096	20.0
unknown13.92	13.92	3.0	ng	103679	3	14.67	696096	20.0
2-tert-Butyl-6-me...	14.50	4.9	ng	169267	3	14.67	696096	20.0
1,2-Benzisoxazol-...	15.06	2.6	ng	90943	3	14.67	696096	20.0
unknown15.16	15.16	4.4	ng	152164	3	14.67	696096	20.0
unknown15.32	15.32	6.6	ng	230237	3	14.67	696096	20.0
unknown15.72	15.72	3.3	ng	114462	3	14.67	696096	20.0
3-Pentenoic acid,...	16.06	3.5	ng	148955	4	17.41	846331	20.0
n-Hexadecanoic acid	18.31	3.7	ng	157713	4	17.41	846331	20.0
1,3,5-Triazine-2,...	20.90	4.8	ng	224537	5	21.69	933466	20.0