LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

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-BG071218.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	5.137	309	315	323	rVB	23534	40515	1.13%	0.279%
2	5.607	389	395	404	rBV	265525	460684	12.90%	3.177%
3	7.193	657	665	677	rBV	182418	362777	10.16%	2.502%
4	7.558	719	727	740	rBV	507320	907728	25.42%	6.260%
5	8.022	800	806	813	rBV	113158	202362	5.67%	1.395%
6	8.345	854	861	870	rBV	471864	840671	23.55%	5.797%
7	9.185	996	1004	1019	rBV	368498	713054	19.97%	4.917%
8	10.830	1276	1284	1293	rBV	143368	283266	7.93%	1.953%
9	12.146	1501	1508	1519	rBV8	18604	40603	1.14%	0.280%
10	13.273	1692	1700	1712	rBV	1125969	1819675	50.97%	12.548%
11	14.102	1833	1841	1847	rBV	66638	122002	3.42%	0.841%
12	14.284	1868	1872	1879	rVB7	21978	49798	1.39%	0.343%
13	14.378	1882	1888	1893	rBV6	22104	42845	1.20%	0.295%
14	14.648	1928	1934	1940	rBV2	270326	441964	12.38%	3.048%
15	15.048	1997	2002	2008	rBV3	34897	55112	1.54%	0.380%
16	15.171	2019	2023	2032	rBV3	29422	56888	1.59%	0.392%
17	15.347	2048	2053	2059	rBV3	63543	101918	2.85%	0.703%
18	15.911	2144	2149	2153	rBV7	36860	69915	1.96%	0.482%
19	16.005	2161	2165	2171	rBV6	39436	65502	1.83%	0.452%
20	16.140	2180	2188	2200	rBV	1100076	1743850	48.84%	12.026%
21	16.551	2255	2258	2262	rBV5	31534	36857	1.03%	0.254%
22	17.391	2395	2401	2407	rBV	425203	659741	18.48%	4.550%
23	18.278	2549	2552	2555	rBV4	68428	91222	2.56%	0.629%
24	20.000	2839	2845	2853	rBV	2702958	3570296	100.00%	24.621%
25	21.292	3062	3065	3072	rBV8	23335	36185	1.01%	0.250%
26	21.656	3120	3127	3135	rVB	498408	816681	22.87%	5.632%
27	23.125	3373	3377	3386	rVB10	17528	36496	1.02%	0.252%
28	23.918	3507	3512	3518	rVB6	20144	42744	1.20%	0.295%
29	24.852	3661	3671	3683	rBV3	281192	789792	22.12%	5.446%

Sum of corrected areas: 14501143

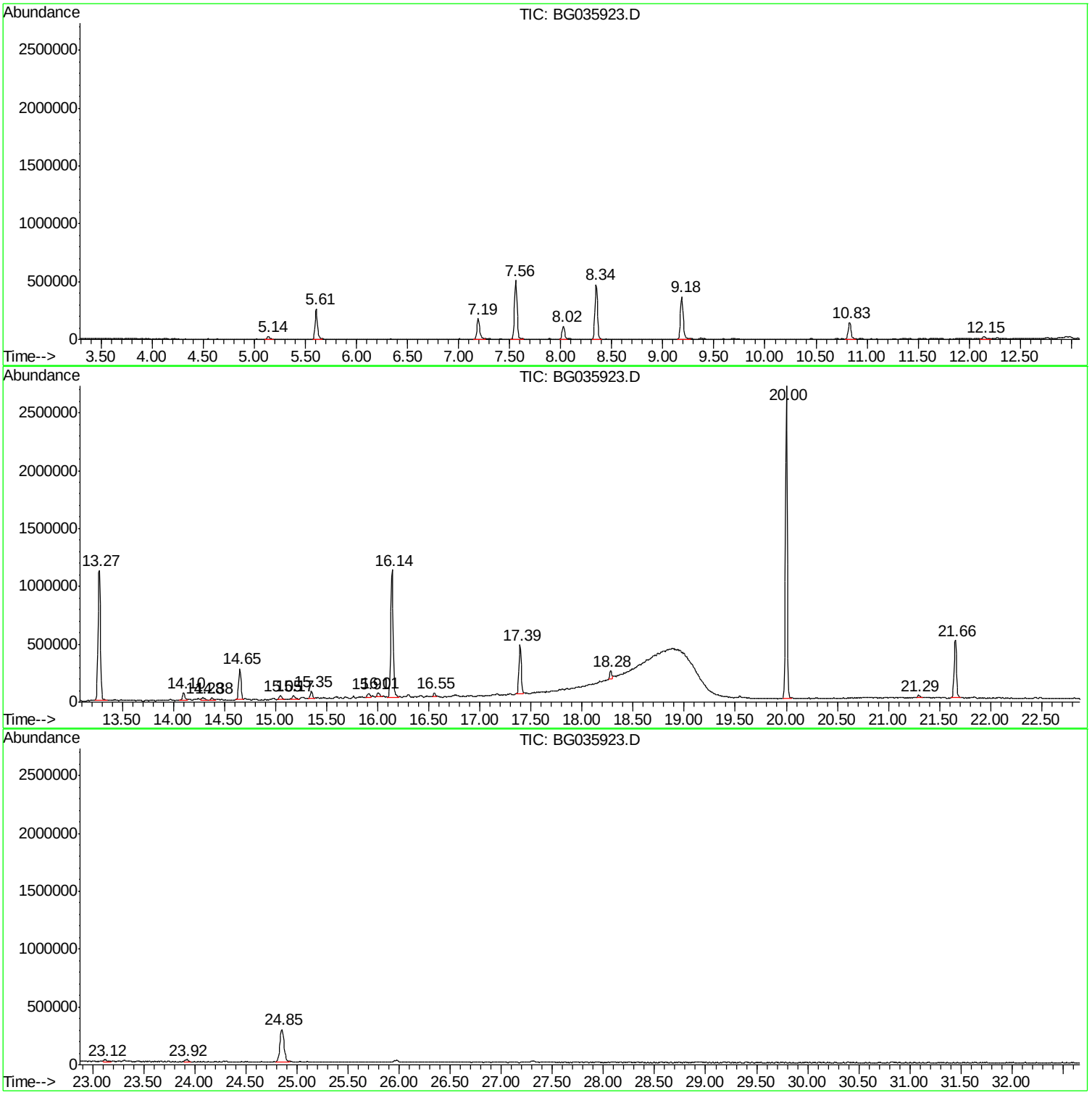
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

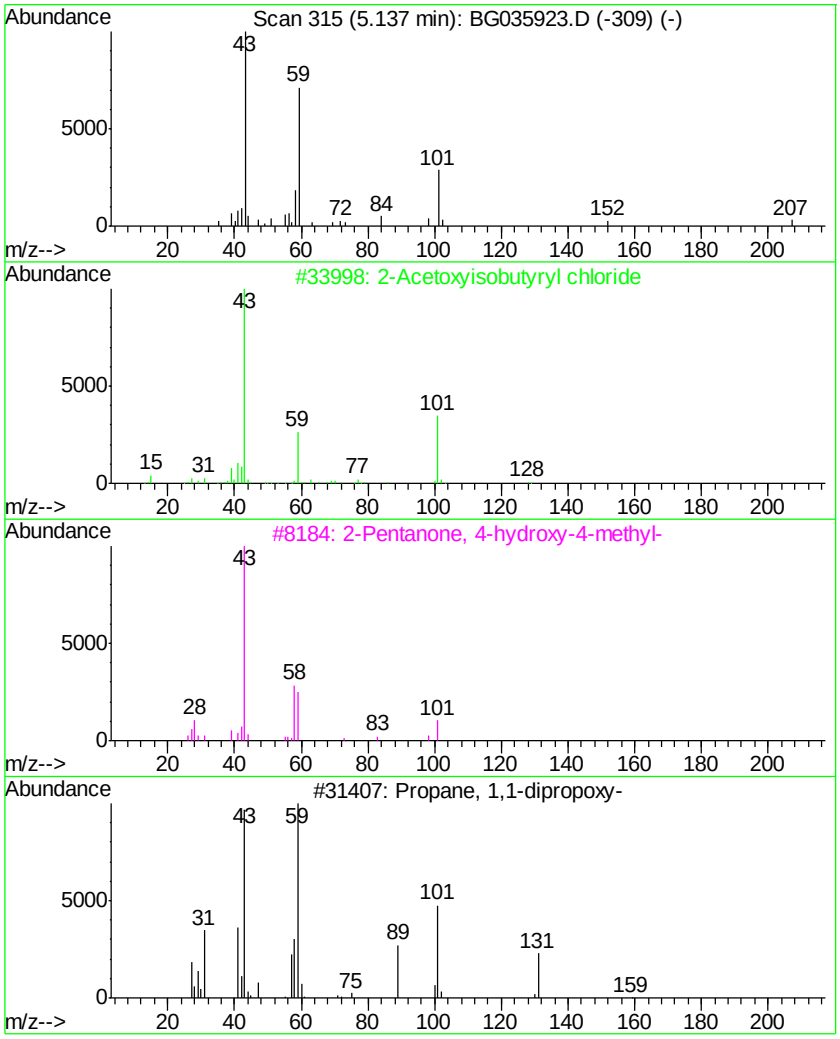
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

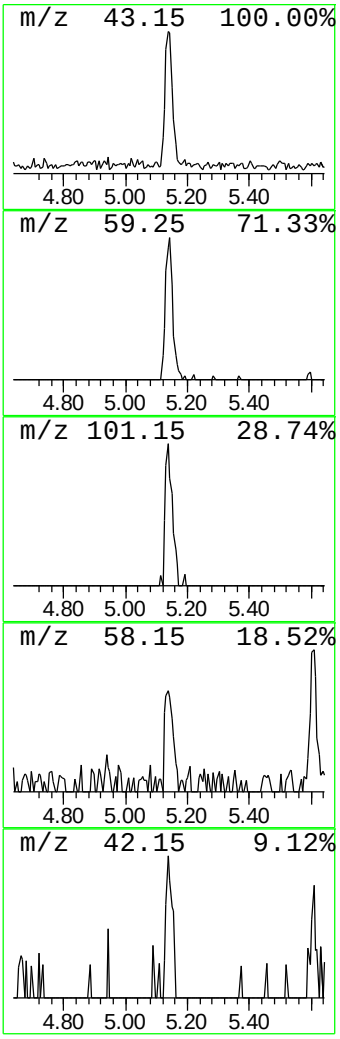
****

Peak Number 1 unknown5.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	4.00 ng	40515	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetoxyisobutyryl chloride	164	C6H9ClO3	040635-66-3	45
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	38
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

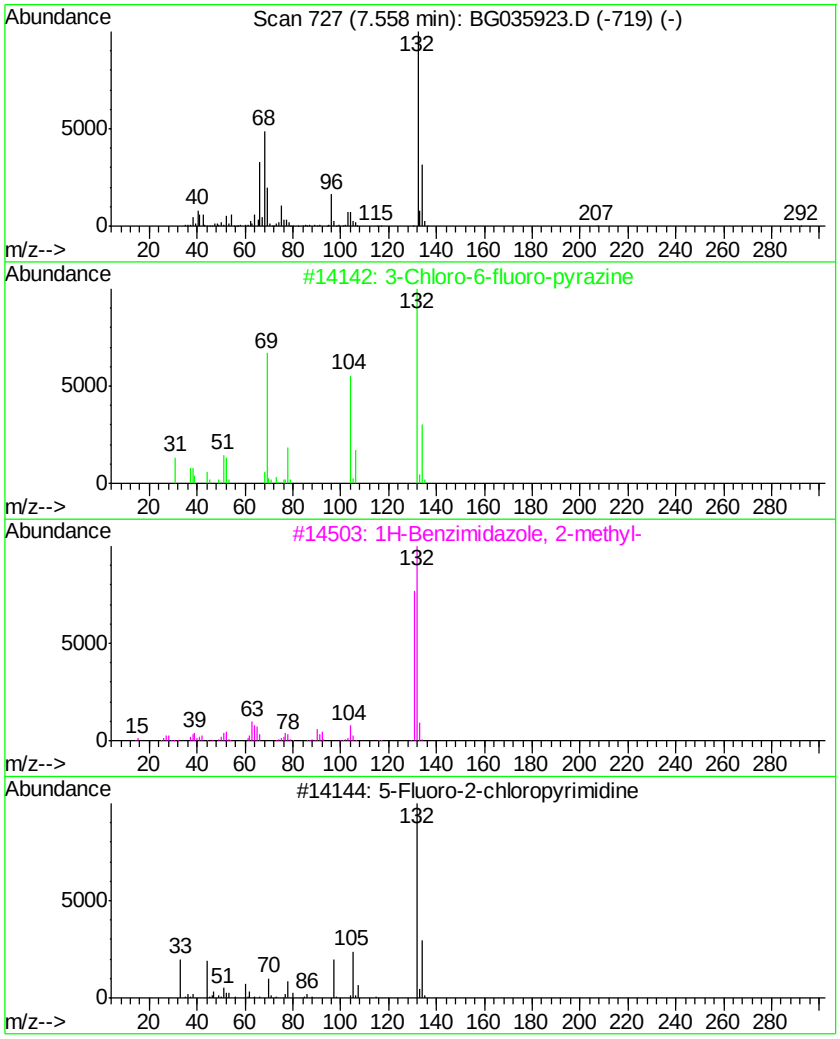
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

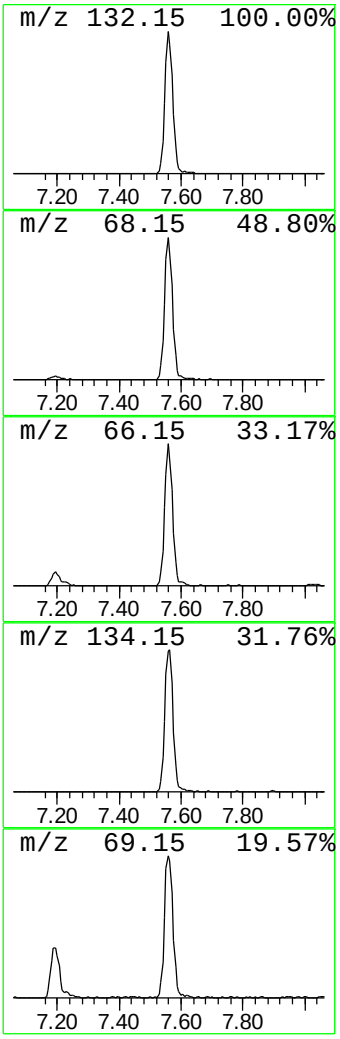
****

Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	89.71 ng	907728	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
5	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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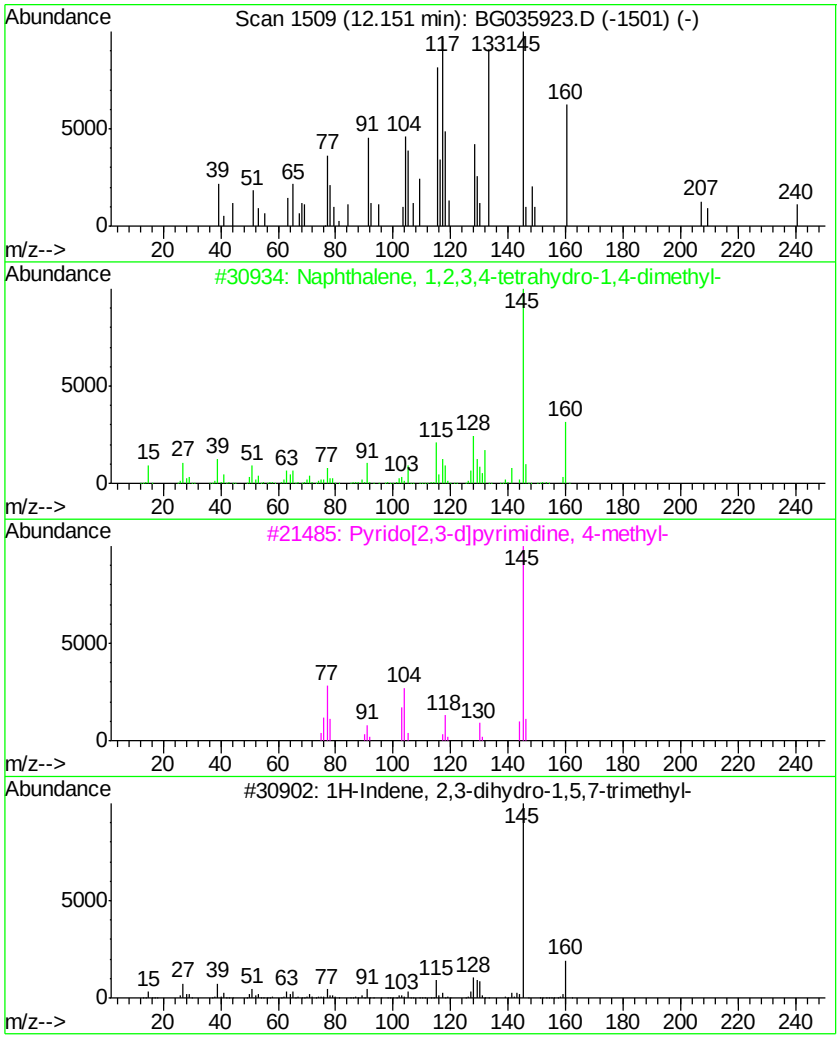
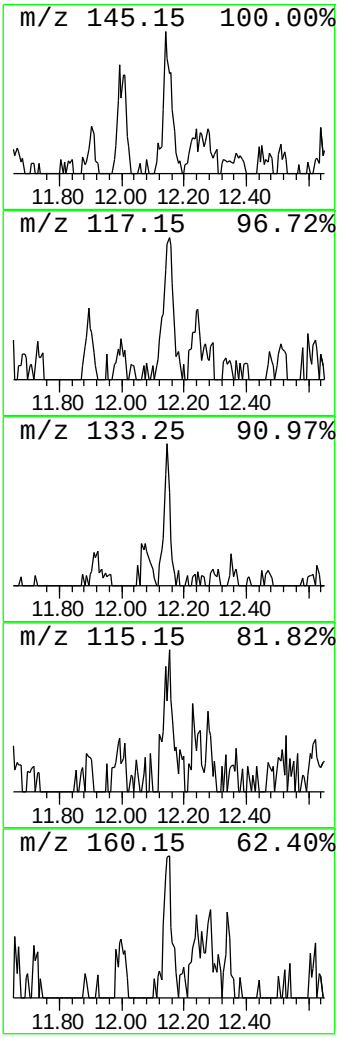
****

Peak Number 4 unknown12.15 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.87 ng	40603	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	41
2	Pyrido[2,3-d]pyrimidine, 4-methyl-	145	C8H7N3	028732-71-0	35
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	30
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	30
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

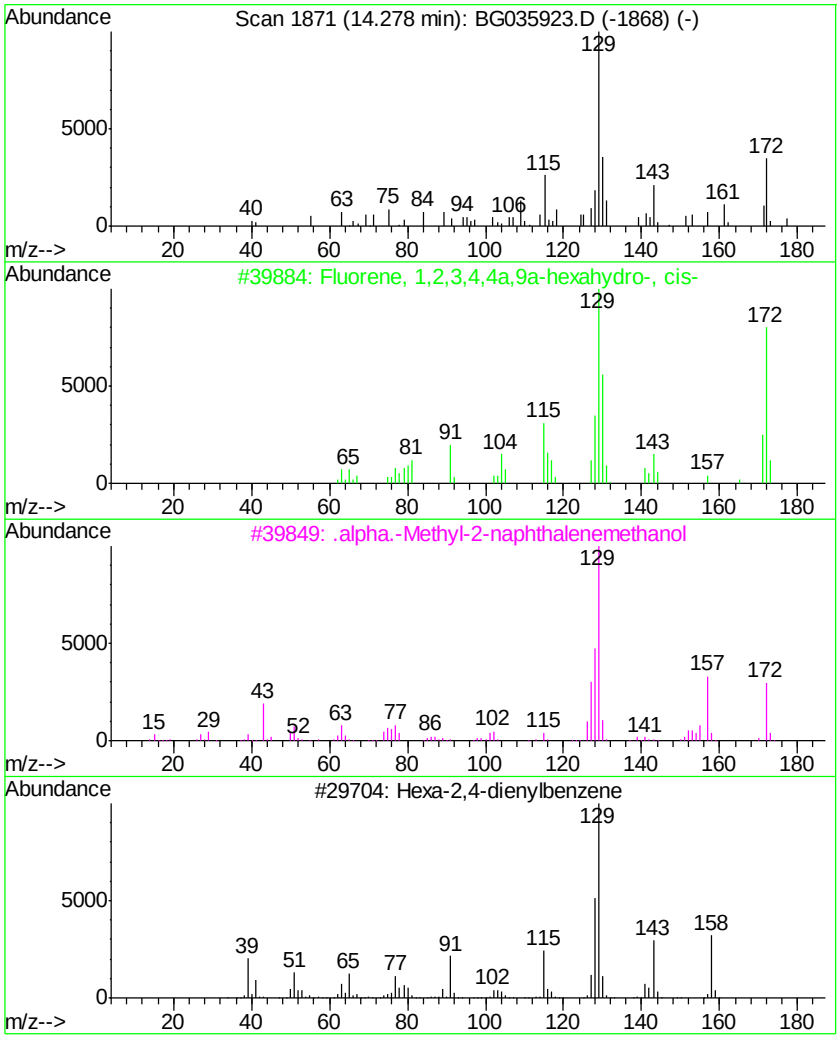
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

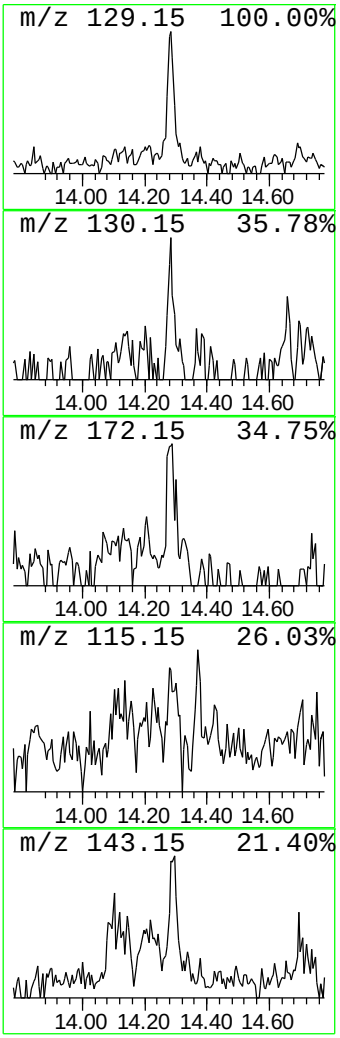
****

Peak Number 5 Fluorene, 1,2,3,4,4a,9a-hex... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.25 ng	49798	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	50
2	.alpha.-Methyl-2-naphthalenemeth...	172	C12H12O	007228-47-9	43
3	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	37
4	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	37
5	trans-3-Azido-1,2,3,4-tetrahydro...	267	C11H13N3O3S	041597-47-1	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

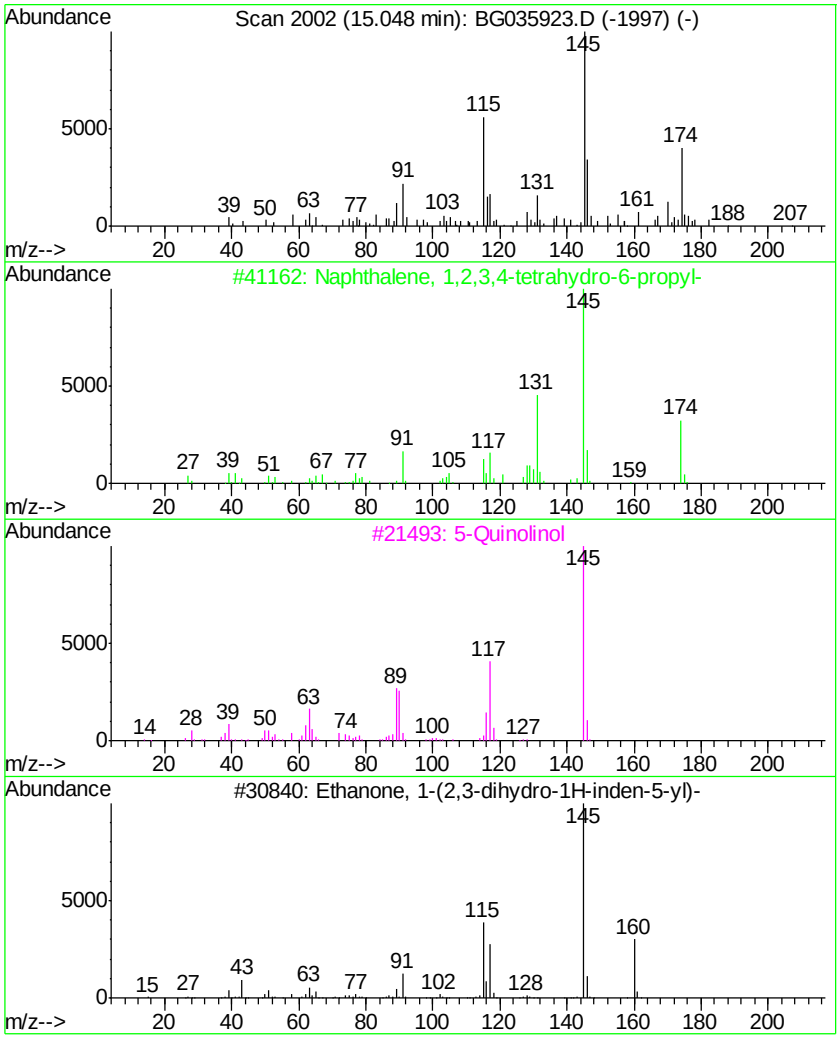
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

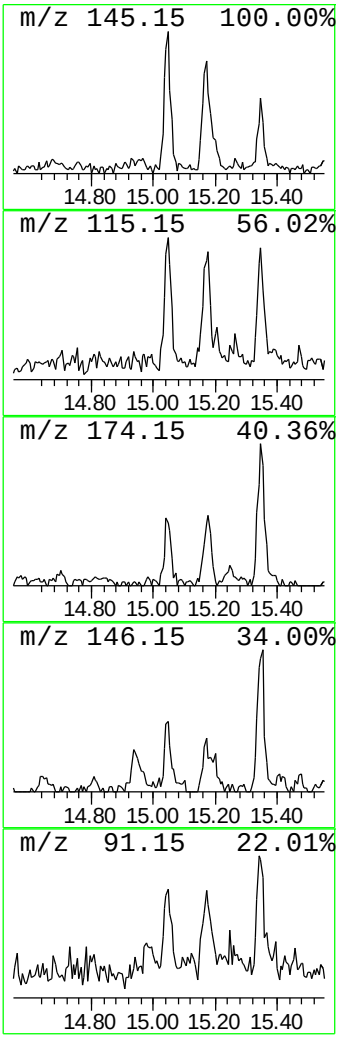
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.49 ng	55112	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	042775-77-9	50
2	5-Quinolinol	145	C9H7NO	000578-67-6	38
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	38
4	Benzenesulfonamide, 4-chloro-N-m...	349	C16H16ClN3O2S	1000319-71-4	38
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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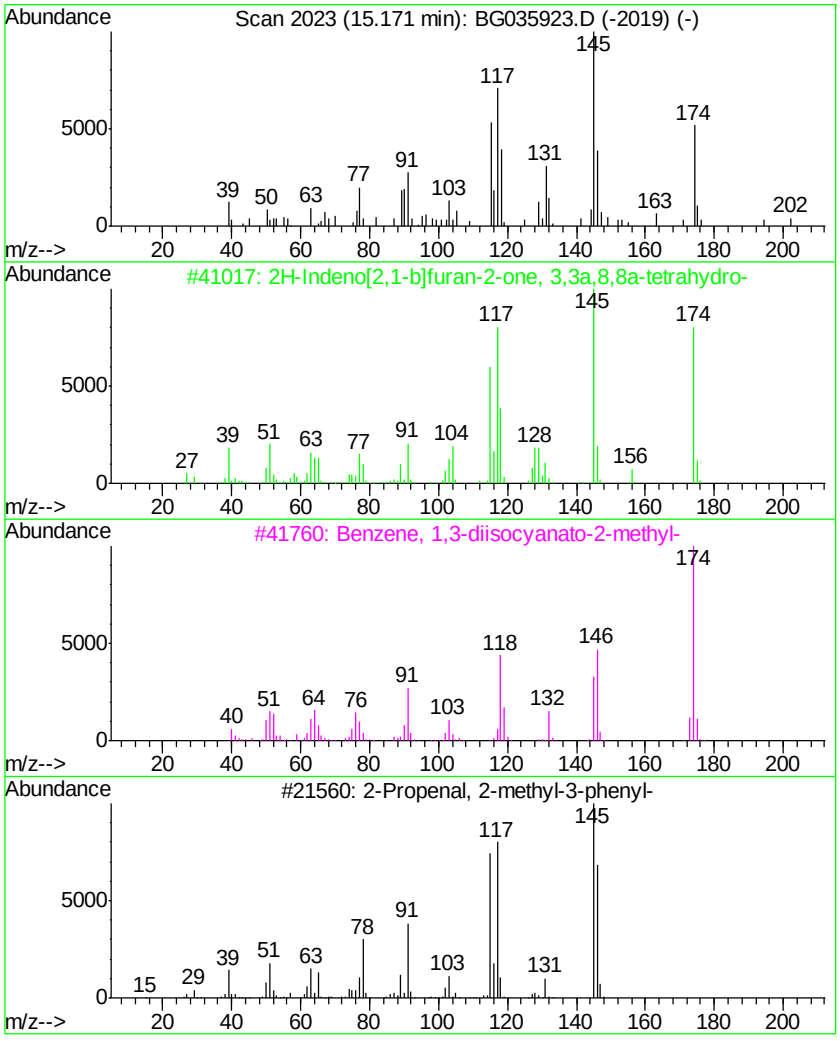
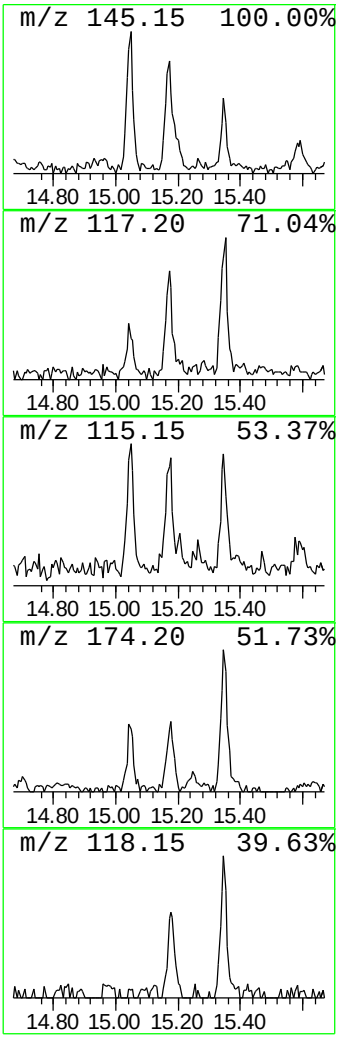
****

Peak Number 7 2H-Indeno[2,1-b]furan-2-one... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.57 ng	56888	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	74
2	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	46
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	43
4	4-Quinolinol	145	C9H7NO	000611-36-9	38
5	8-Hydroxyquinoline	145	C9H7NO	000148-24-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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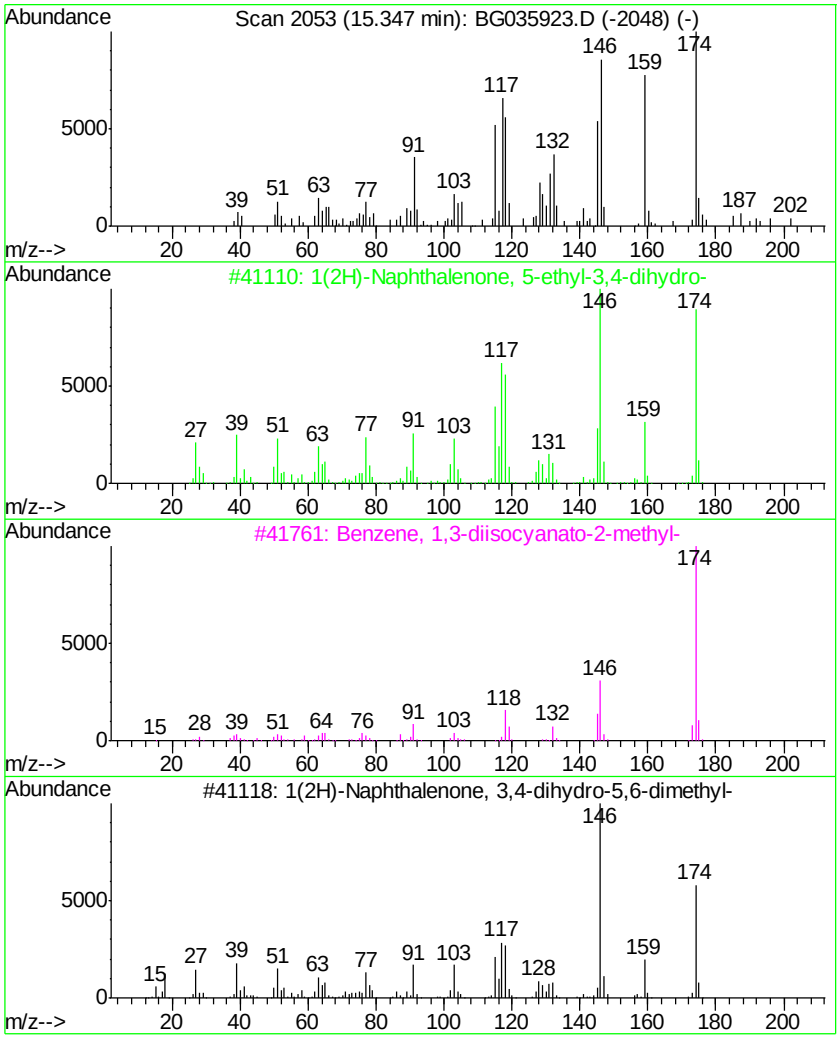
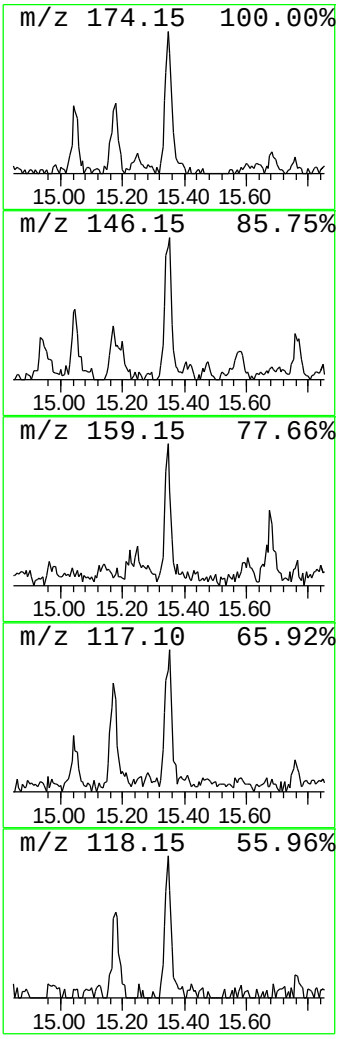
****

Peak Number 8 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	4.61 ng	101918	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	68
2	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	55
3	1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	032281-65-5	46
4	Cinnamaldehyde, .beta.-methyl-	146	C10H10O	001196-67-4	46
5	4H-Pyrido[1,2-a]pyrimidin-4-one,...	174	C10H10N2O	016867-28-0	46





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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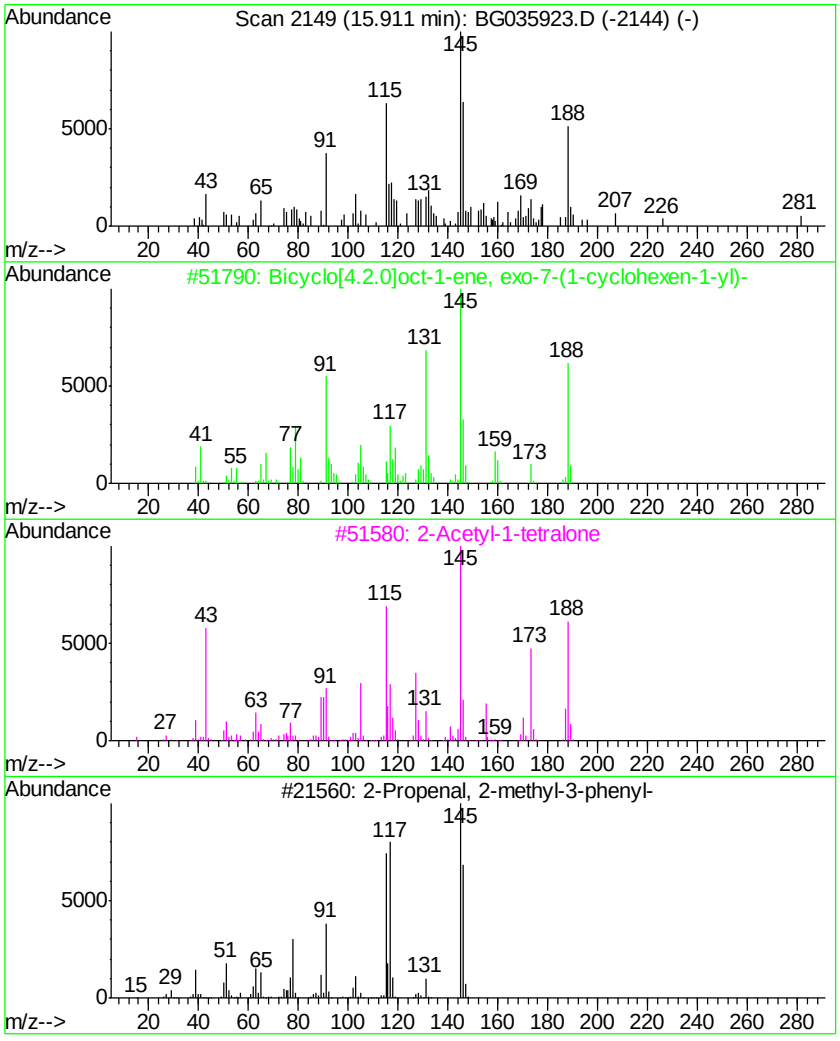
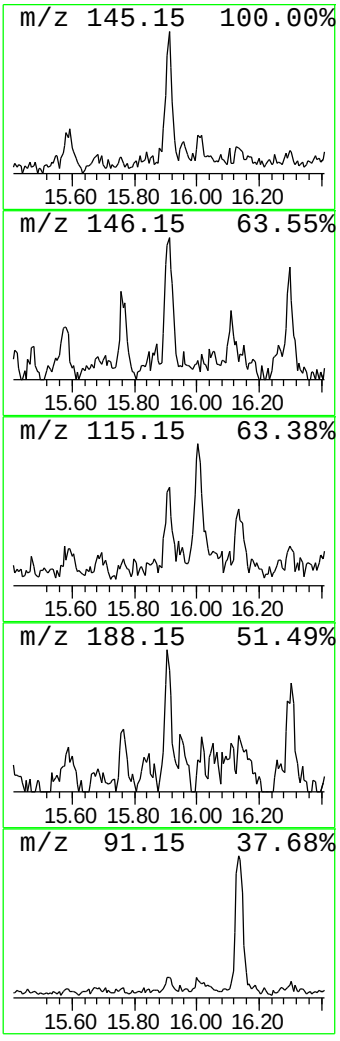
****

Peak Number 9 Bicyclo[4.2.0]oct-1-ene, ex... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.16 ng	69915	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]oct-1-ene, exo-7-(...	188	C14H20	1000142-22-1	78
2	2-Acetyl-1-tetralone	188	C12H12O2	017216-08-9	64
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	2H-Inden-2-one, 1,3-dihydro-1,1,...	188	C13H16O	005689-12-3	55
5	1,2,3,4-Tetrahydro-3-isopropyl-5...	188	C14H20	1000241-59-1	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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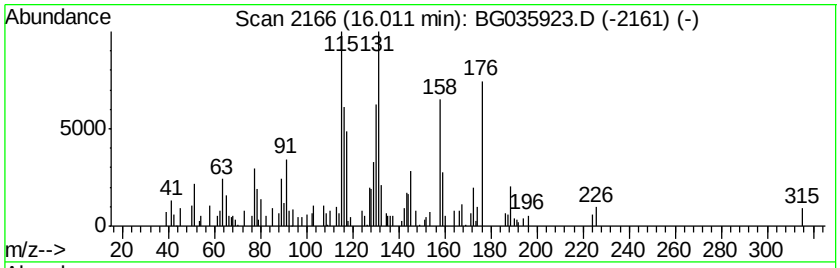
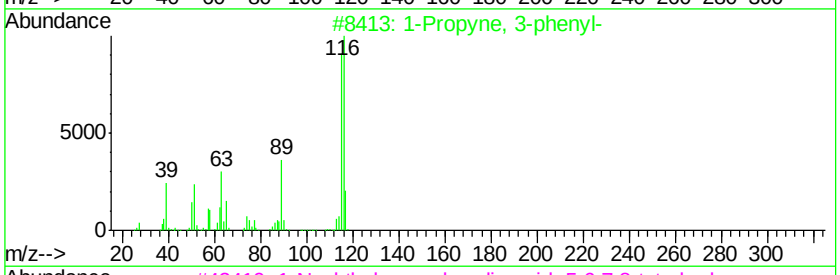
****

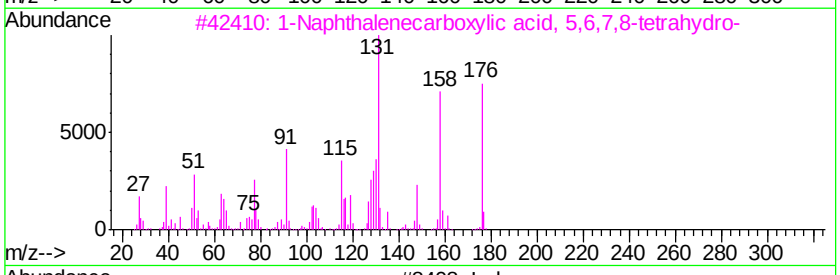
Peak Number 10 unknown16.01 Concentration Rank 6

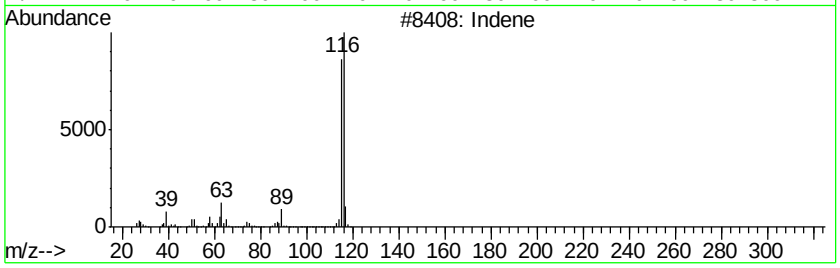
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.96 ng	65502	Acenaphthene-d10	14.65

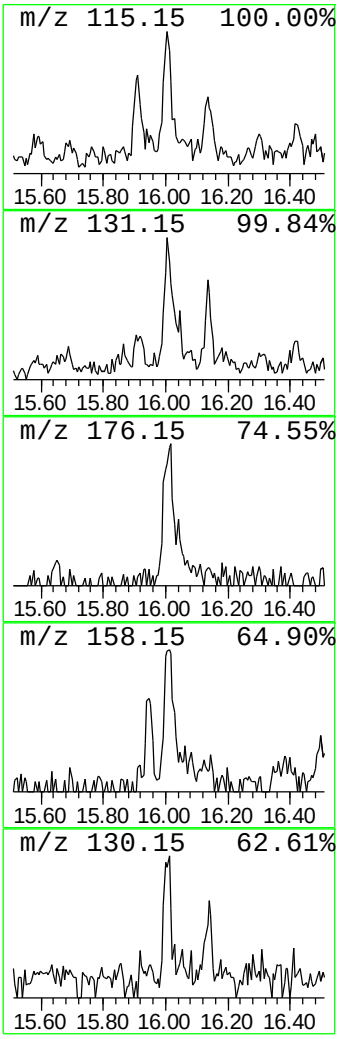
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	38
2	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	35
3	Indene	116	C9H8	000095-13-6	30
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	27
5	1,4-Epoxynaphthalene, 1,4-dihydro-	144	C10H8O	000573-57-9	27











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

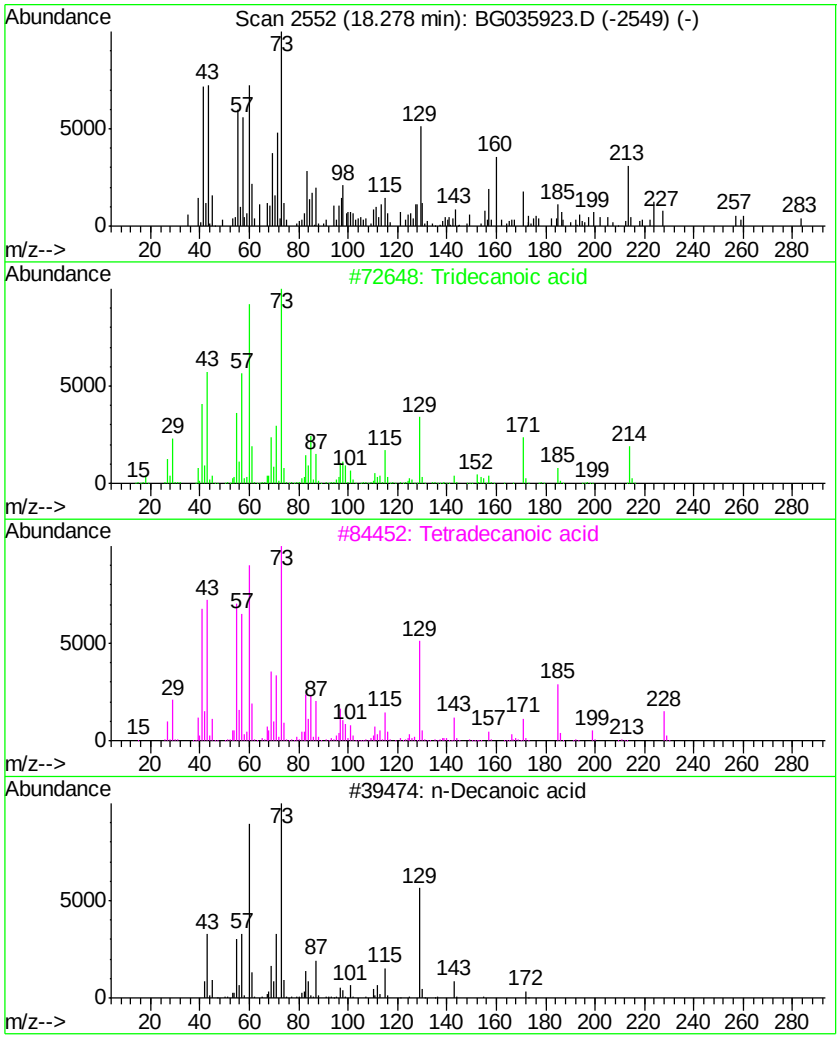
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

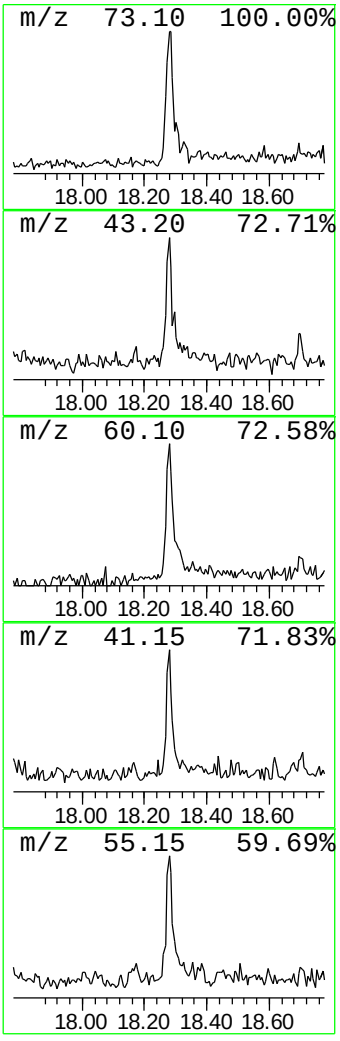
****

Peak Number 11 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.77 ng	91222	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	58
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072618\
Data File : BG035923.D
Acq On : 27 Jul 2018 00:25
Operator : JU/SJ
Sample : J4163-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-14

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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
unknown5.14	5.14	4.0	ng	40515	1	8.02	202362	20.0
unknown7.56	7.56	89.7	ng	907728	1	8.02	202362	20.0
unknown12.15	12.15	2.9	ng	40603	2	10.83	283266	20.0
Fluorene, 1,2,3,4...	14.28	2.3	ng	49798	3	14.65	441964	20.0
Naphthalene, 1,2,...	15.05	2.5	ng	55112	3	14.65	441964	20.0
2H-Indeno[2,1-b]f...	15.17	2.6	ng	56888	3	14.65	441964	20.0
1(2H)-Naphthaleno...	15.35	4.6	ng	101918	3	14.65	441964	20.0
Bicyclo[4.2.0]oct...	15.91	3.2	ng	69915	3	14.65	441964	20.0
unknown16.01	16.01	3.0	ng	65502	3	14.65	441964	20.0
Tridecanoic acid	18.28	2.8	ng	91222	4	17.39	659741	20.0