LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

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-BG010919.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	3.146	6	10	17	rVB	15542	26521	1.35%	0.182%
2	5.579	417	424	437	rBV	145960	255623	13.00%	1.751%
3	7.183	688	697	710	rBV	118176	231677	11.78%	1.587%
4	7.553	752	760	773	rBV	294413	520799	26.49%	3.568%
5	8.023	833	840	852	rVB	64143	112809	5.74%	0.773%
6	8.346	887	895	906	rBV	229438	413806	21.05%	2.835%
7	9.204	1032	1041	1046	rBV	221084	418275	21.27%	2.866%
8	9.263	1046	1051	1060	rVB	96322	170468	8.67%	1.168%
9	9.739	1124	1132	1140	rBV	80460	145979	7.42%	1.000%
10	10.185	1197	1208	1212	rBV	119301	232186	11.81%	1.591%
11	10.244	1212	1218	1226	rVB	239286	438164	22.29%	3.002%
12	10.373	1233	1240	1246	rVB4	26305	51592	2.62%	0.353%
13	10.444	1246	1252	1256	rBV2	11909	22404	1.14%	0.154%
14	10.602	1271	1279	1287	rBV	123380	233943	11.90%	1.603%
15	10.685	1287	1293	1298	rBV3	26405	44318	2.25%	0.304%
16	10.837	1312	1319	1322	rBV	111065	201563	10.25%	1.381%
17	10.884	1322	1327	1334	rVB	798154	1354453	68.89%	9.280%
18	11.660	1452	1459	1466	rBV	81605	146881	7.47%	1.006%
19	11.960	1504	1510	1521	rVB3	14709	32670	1.66%	0.224%
20	12.488	1594	1600	1606	rBV3	22819	43372	2.21%	0.297%
21	12.565	1606	1613	1619	rBV	267369	449932	22.88%	3.083%
22	12.682	1626	1633	1644	rBV	104515	248692	12.65%	1.704%
23	12.835	1652	1659	1664	rVB6	17658	44680	2.27%	0.306%
24	13.282	1726	1735	1745	rVB	769267	1259335	64.05%	8.628%
25	13.387	1746	1753	1758	rBV5	12151	23547	1.20%	0.161%
26	13.652	1787	1798	1802	rBV10	12632	40811	2.08%	0.280%
27	13.840	1825	1830	1836	rVB5	13611	28058	1.43%	0.192%
28	13.975	1847	1853	1861	rBV4	43311	84388	4.29%	0.578%
29	14.110	1871	1876	1881	rBV2	18622	28958	1.47%	0.198%
30	14.216	1889	1894	1898	rBV2	15670	23060	1.17%	0.158%
31	14.386	1919	1923	1930	rVB4	14092	25002	1.27%	0.171%
32	14.662	1964	1970	1975	rBV2	219190	370969	18.87%	2.542%
33	14.727	1975	1981	1988	rVB	178875	328654	16.72%	2.252%
34	14.803	1990	1994	1999	rVB	20332	33320	1.69%	0.228%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

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-BG010919.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.862	1999	2004	2012	rBV	39368	64022	3.26%	0.439%
36	14.950	2013	2019	2030	rBV10	40567	96607	4.91%	0.662%
37	15.062	2031	2038	2046	rBV	87391	164570	8.37%	1.128%
38	15.279	2068	2075	2079	rBV10	10677	25147	1.28%	0.172%
39	15.714	2142	2149	2156	rBV	156592	265720	13.51%	1.821%
40	15.843	2166	2171	2180	rVB4	26410	63889	3.25%	0.438%
41	15.996	2194	2197	2203	rVB2	13664	23225	1.18%	0.159%
42	16.160	2218	2225	2234	rBV3	787411	1274682	64.83%	8.733%
43	17.412	2432	2438	2442	rBV2	325420	522059	26.55%	3.577%
44	17.459	2442	2446	2453	rVB	171651	269628	13.71%	1.847%
45	17.547	2457	2461	2464	rVV2	23140	39951	2.03%	0.274%
46	17.588	2464	2468	2475	rVB2	75961	131700	6.70%	0.902%
47	18.276	2579	2585	2592	rBV8	49402	100258	5.10%	0.687%
48	18.411	2605	2608	2614	rVB4	14952	24175	1.23%	0.166%
49	18.487	2615	2621	2629	rVB4	31200	61208	3.11%	0.419%
50	19.463	2784	2787	2791	rVB	25551	33252	1.69%	0.228%
51	19.545	2798	2801	2813	rVB	17442	39246	2.00%	0.269%
52	19.833	2847	2850	2855	rVB	20386	30037	1.53%	0.206%
53	20.015	2875	2881	2888	rBV	1448125	1966181	100.00%	13.471%
54	20.285	2922	2927	2930	rBV2	24586	36346	1.85%	0.249%
55	20.773	3006	3010	3014	rVB2	44310	54214	2.76%	0.371%
56	21.296	3096	3099	3106	rVB8	18905	35559	1.81%	0.244%
57	21.689	3159	3166	3176	rVB	290741	499855	25.42%	3.425%
58	22.424	3288	3291	3297	rVB6	12721	19878	1.01%	0.136%
59	23.123	3405	3410	3414	rVB4	11493	20420	1.04%	0.140%
60	23.311	3436	3442	3449	rBV2	38707	74873	3.81%	0.513%
61	23.916	3540	3545	3551	rBV3	13944	32357	1.65%	0.222%
62	24.868	3701	3707	3712	rBV5	11833	29741	1.51%	0.204%
63	24.962	3712	3723	3736	rVB2	154388	481723	24.50%	3.301%
64	25.996	3892	3899	3908	rVB8	8887	27916	1.42%	0.191%

Sum of corrected areas: 14595348

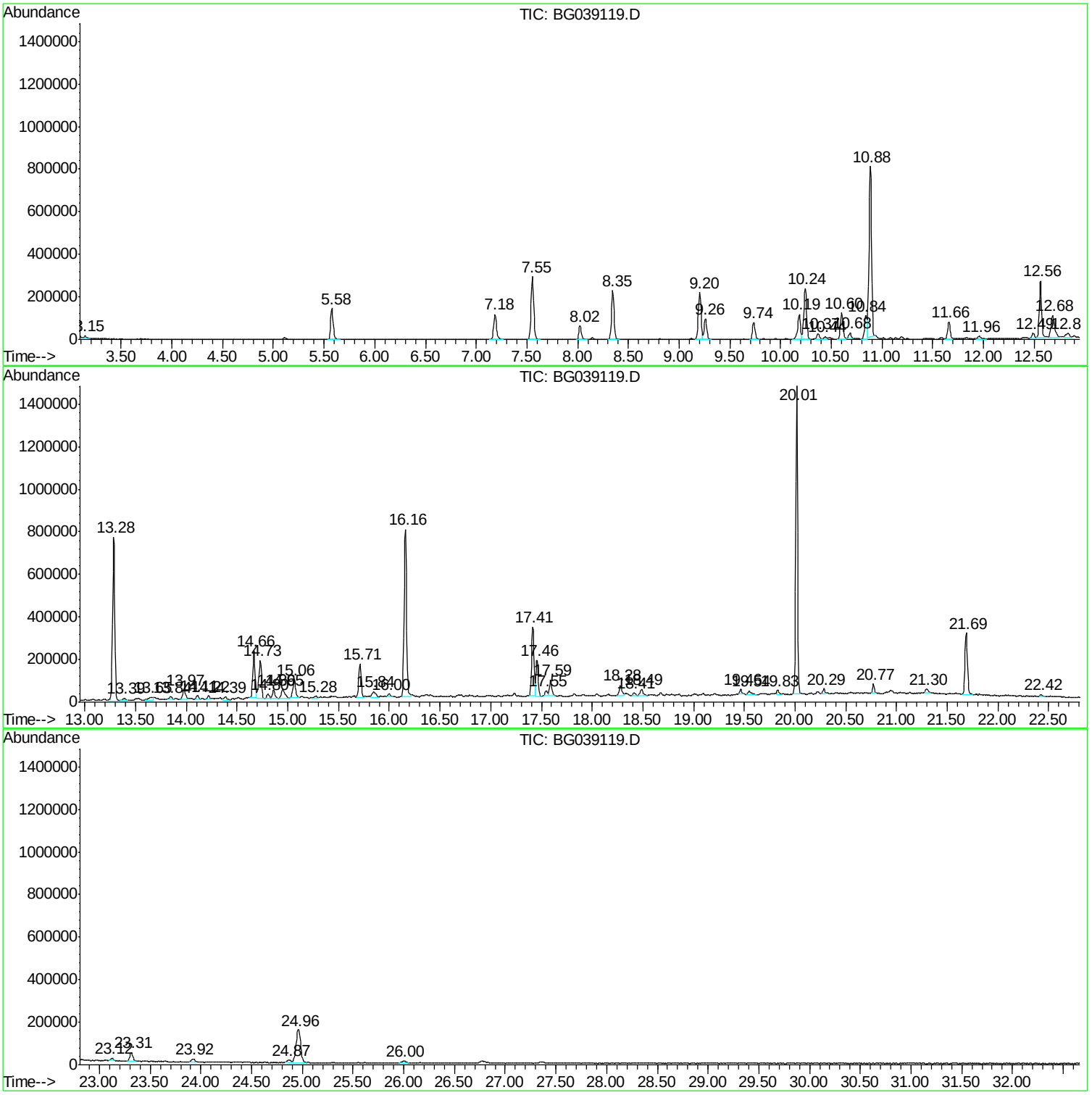
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.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\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

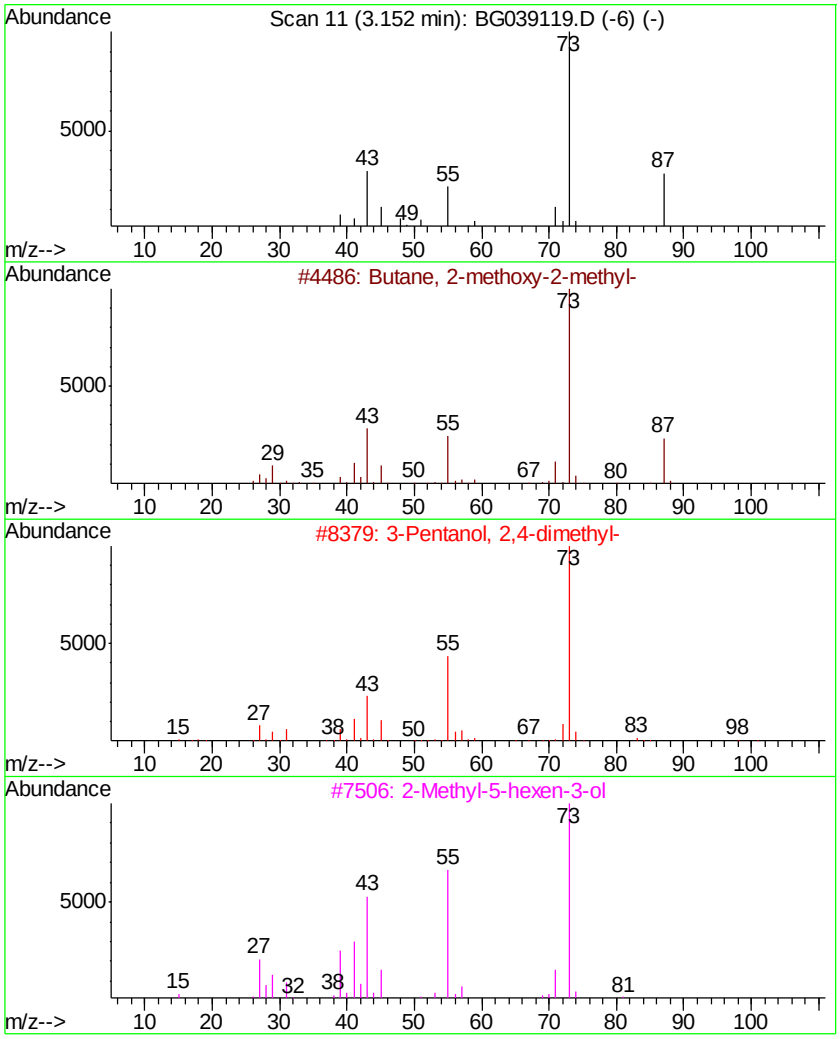
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

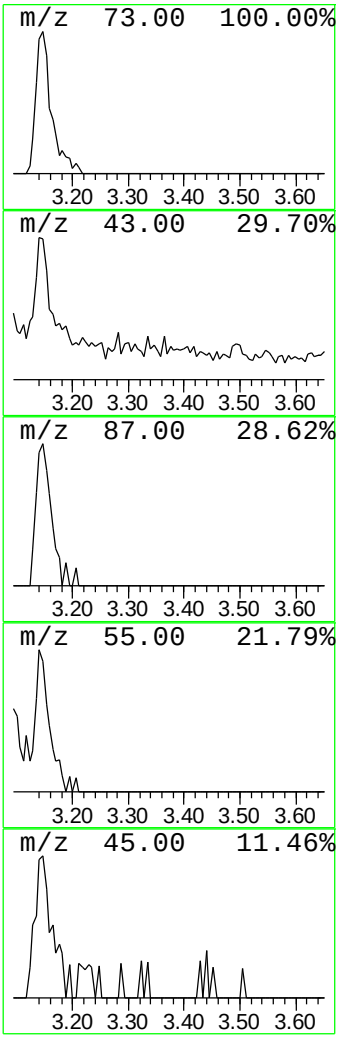
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	4.70 ng	26521	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	17
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

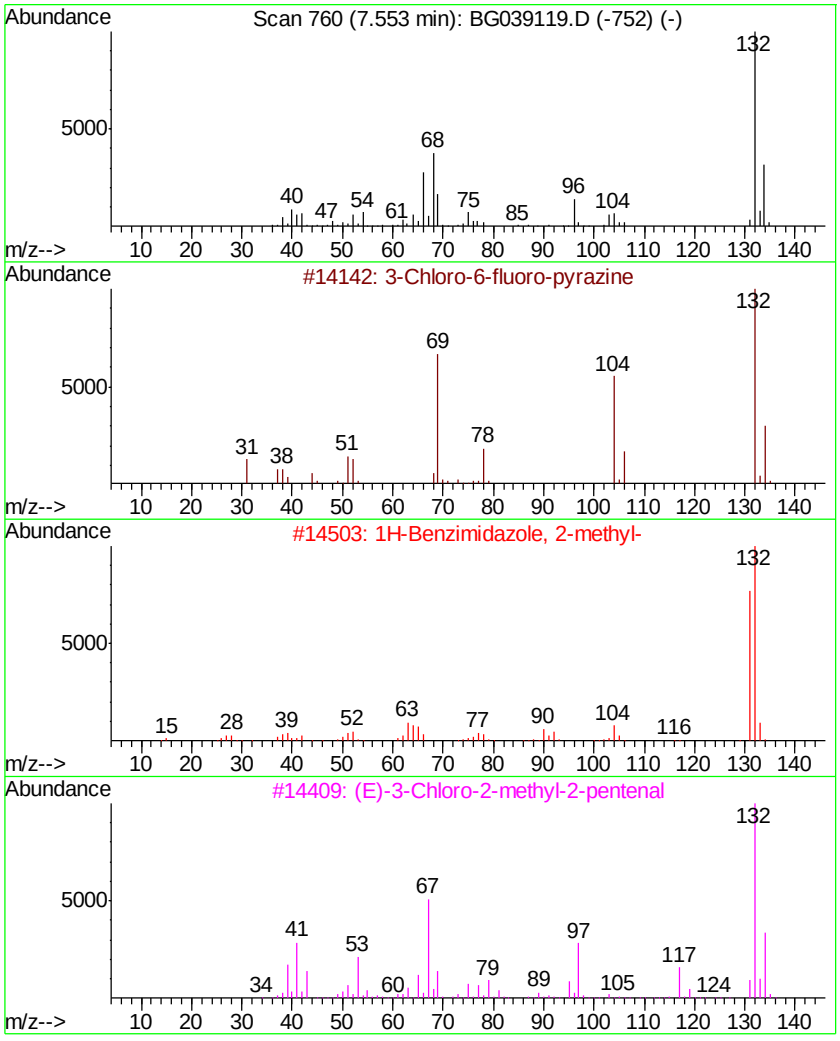
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

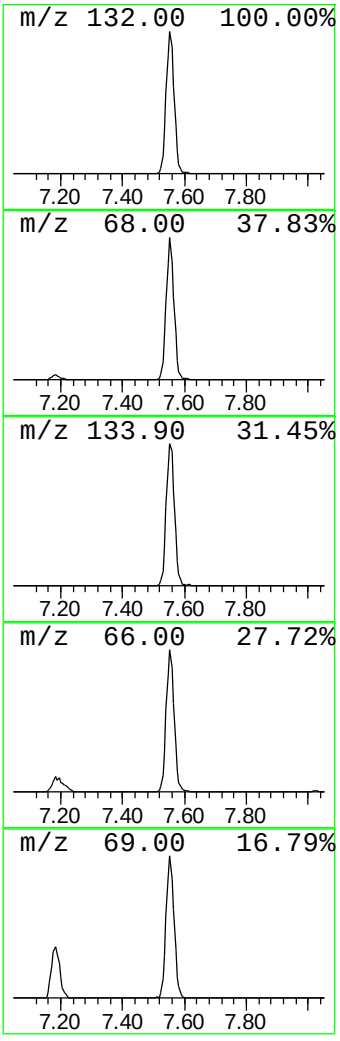
****

Peak Number 2 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	92.33 ng	520799	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	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

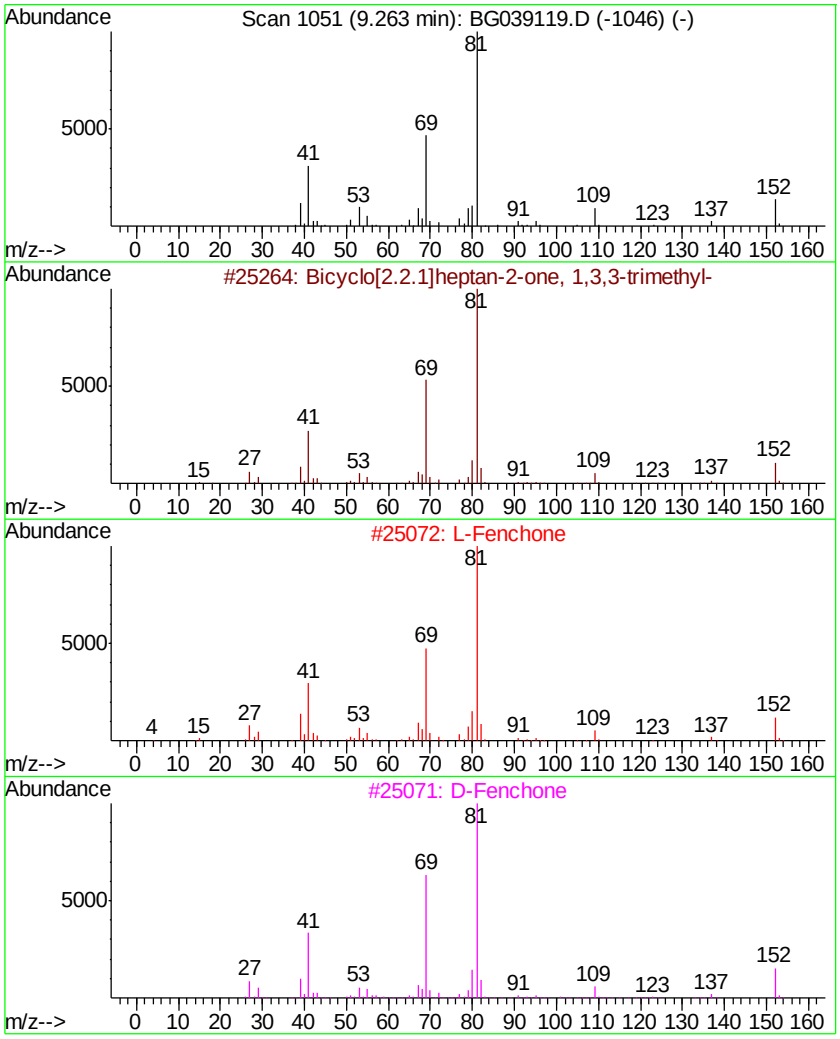
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

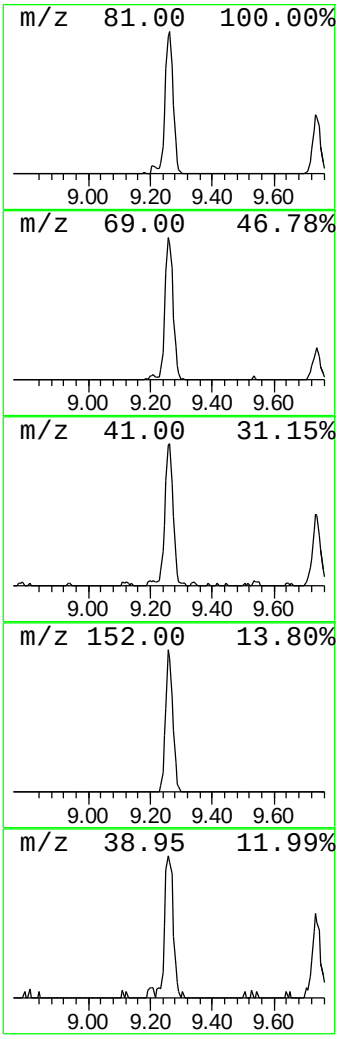
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	30.22 ng	170468	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	90
2	L-Fenchone	152	C10H16O	007787-20-4	90
3	D-Fenchone	152	C10H16O	004695-62-9	83
4	1-[4-(4-tert-Butyl-spirocyclohex...	371	C20H28F3NO2	1000301-43-3	40
5	2-Furanacetaldehyde, .alpha.-pro...	152	C9H12O2	031681-26-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

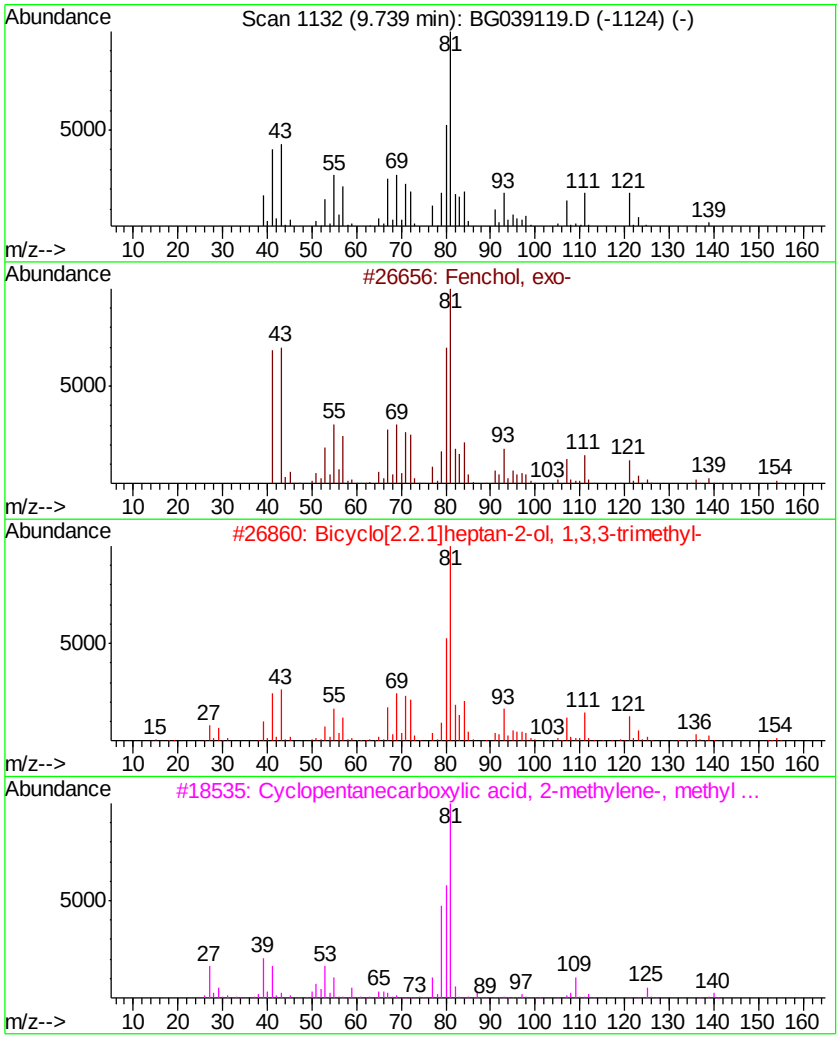
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

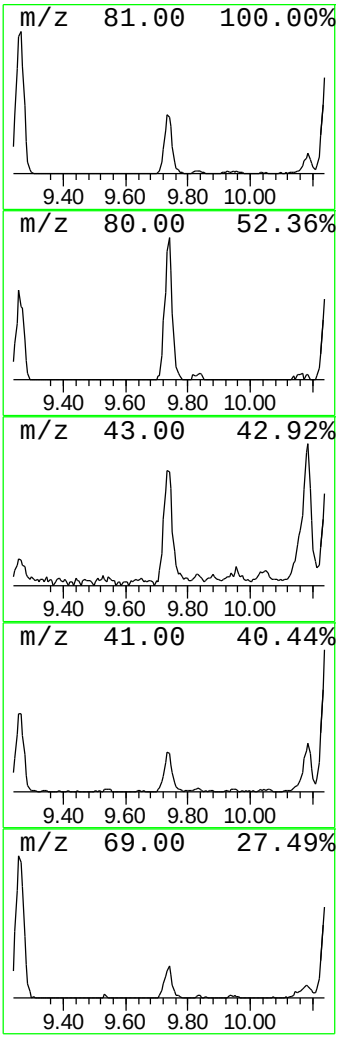
****

Peak Number 5 Fenchol, exo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	14.48 ng	145979	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchol, exo-	154	C10H18O	022627-95-8	90
2	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	87
3	Cyclopentanecarboxylic acid, 2-m...	140	C8H12O2	110550-98-6	43
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	43
5	1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

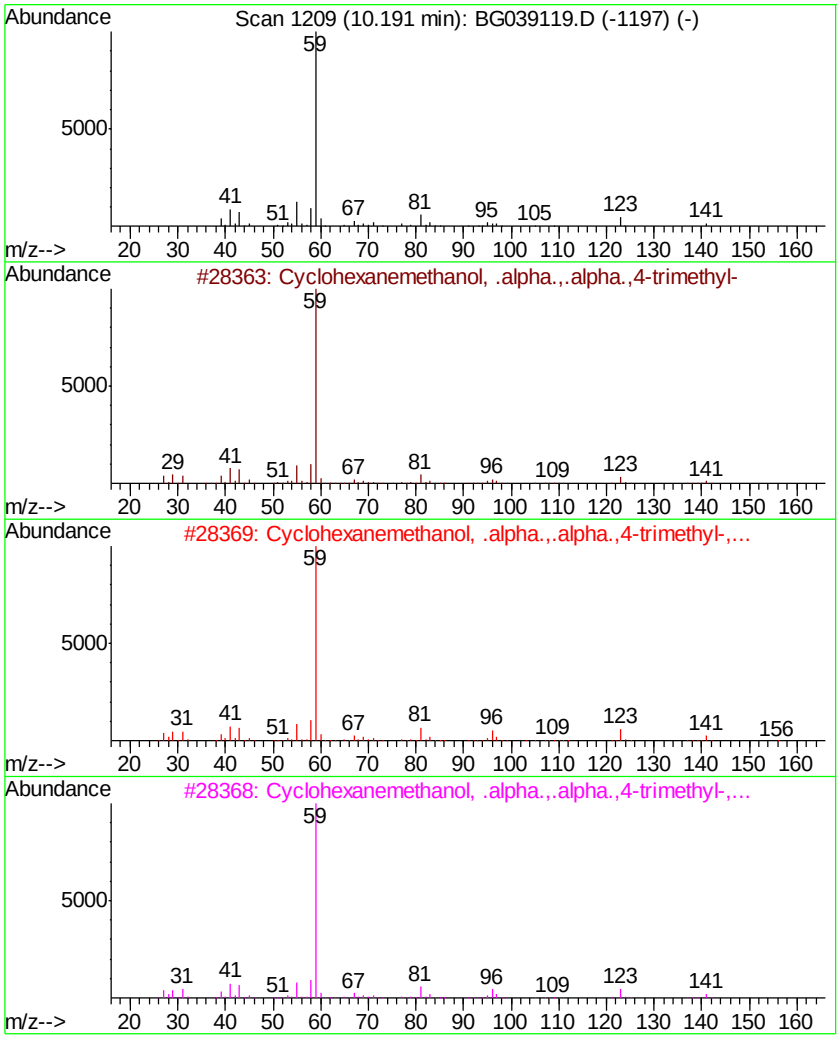
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

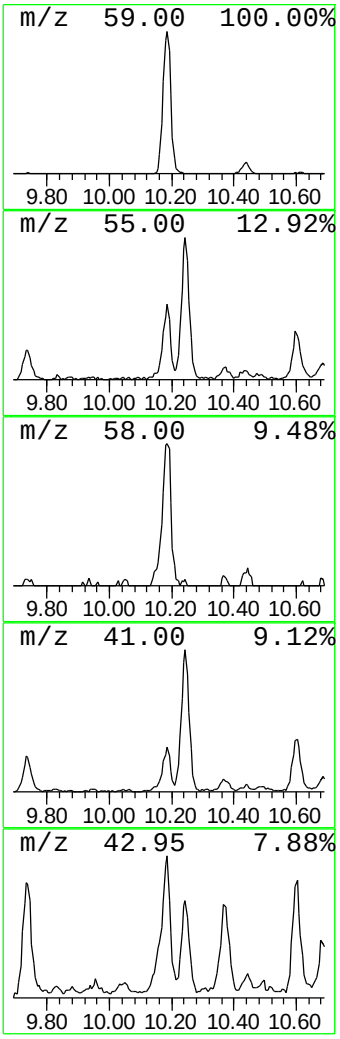
****

Peak Number 6 Cyclohexanemethanol, .alpha... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	23.04 ng	232186	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	78
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	78
4	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	50
5	2-Decanol, methyl ether	172	C11H24O	1000333-83-9	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

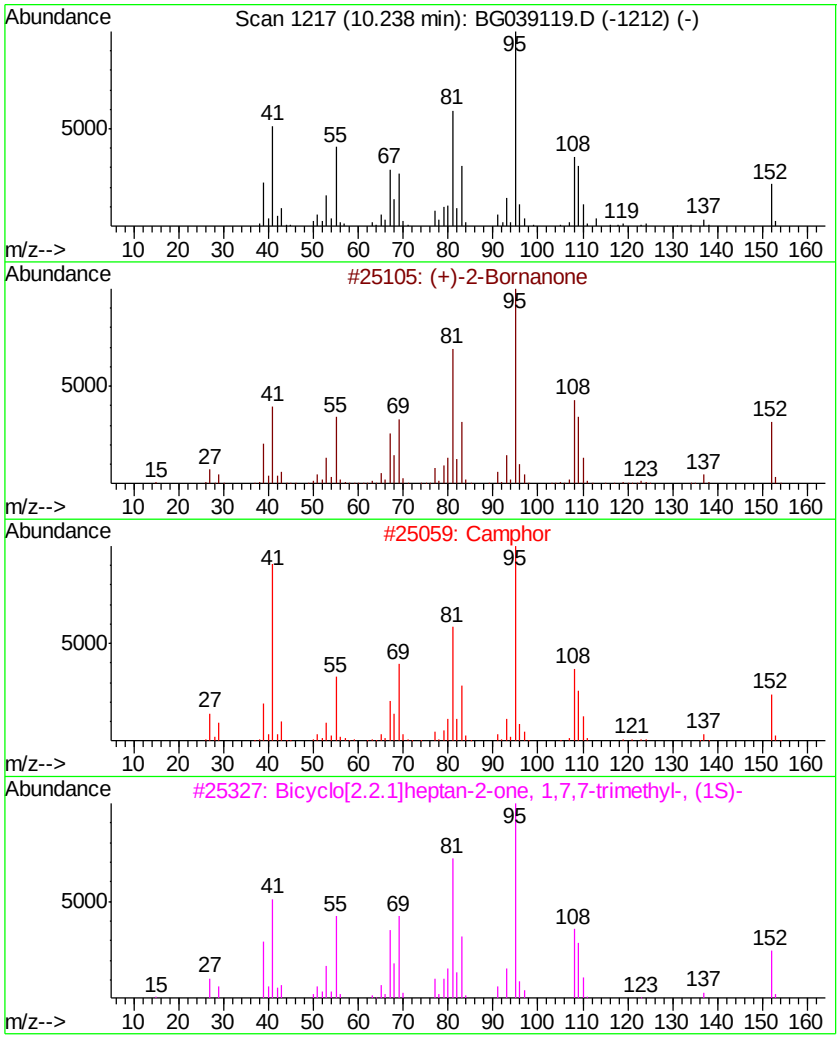
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

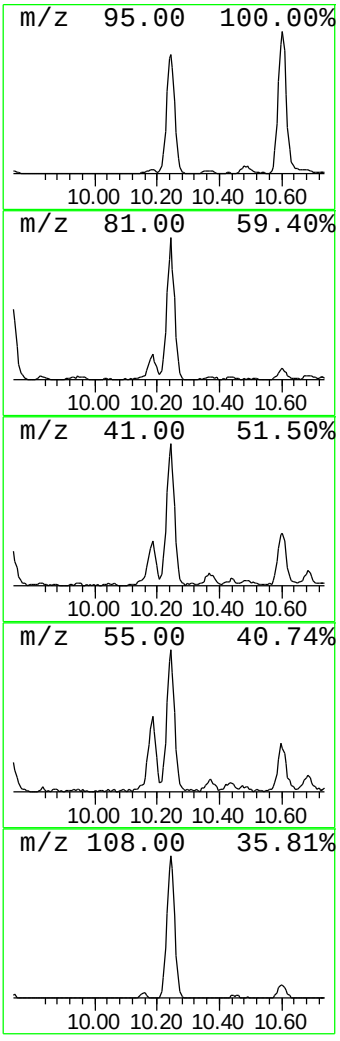
****

Peak Number 7 (+)-2-Bornanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	43.48 ng	438164	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Camphor	152	C10H16O	000076-22-2	97
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4	2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	46
5	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

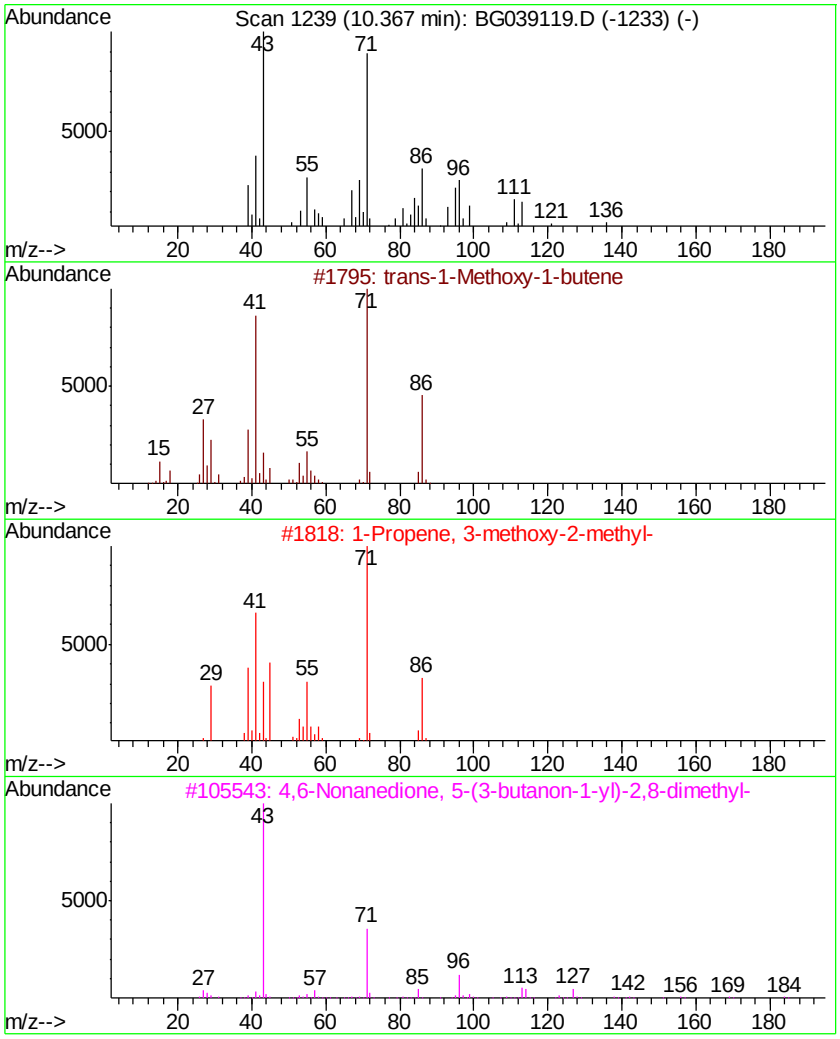
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

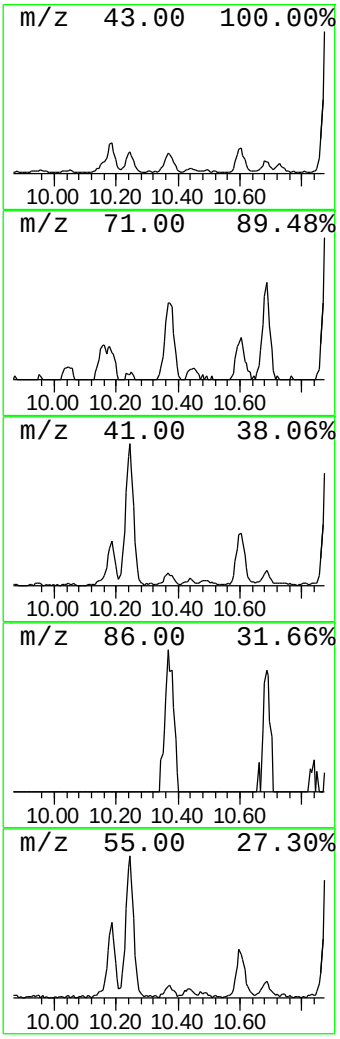
****

Peak Number 8 unknown10.37 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	5.12 ng	51592	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Methoxy-1-butene	86	C5H10O	010034-13-6	38
2	1-Propene, 3-methoxy-2-methyl-	86	C5H10O	022418-49-1	38
3	4,6-Nonanedione, 5-(3-butanon-1-...	254	C15H26O3	1000162-15-0	37
4	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	35
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	35





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Operator : JU/SJ
Sample : K1123-04
Misc :
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ClientSampleId : CPGP-04

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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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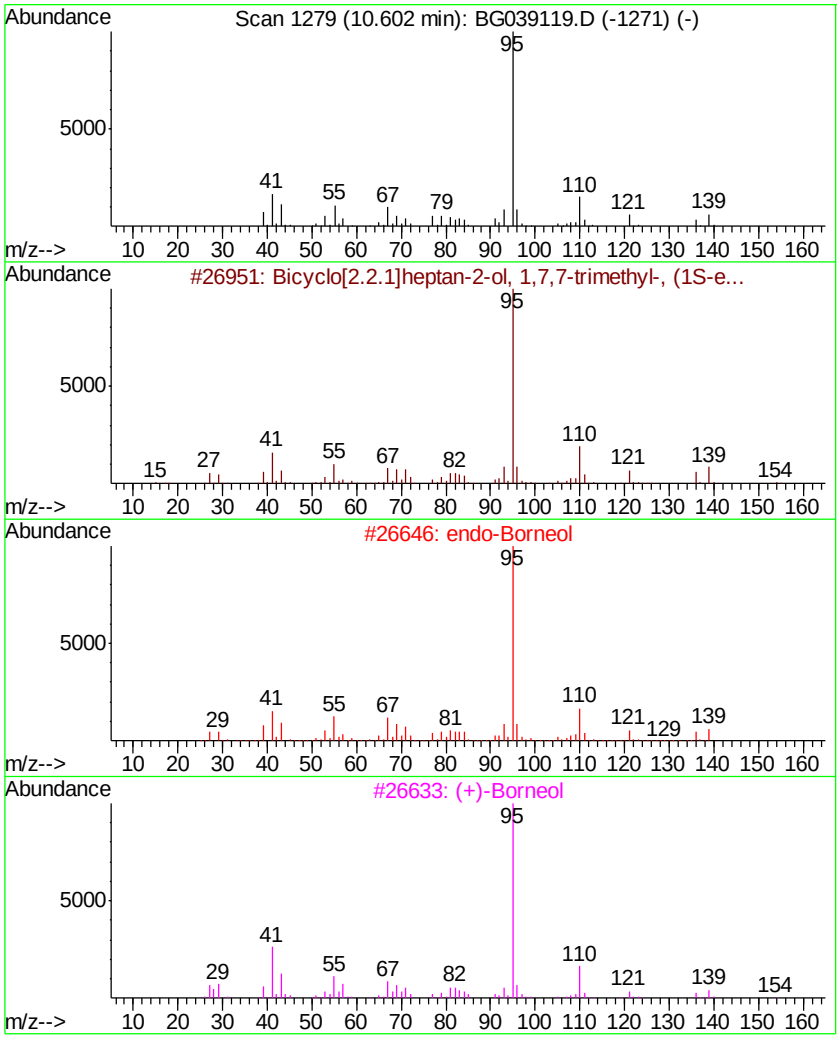
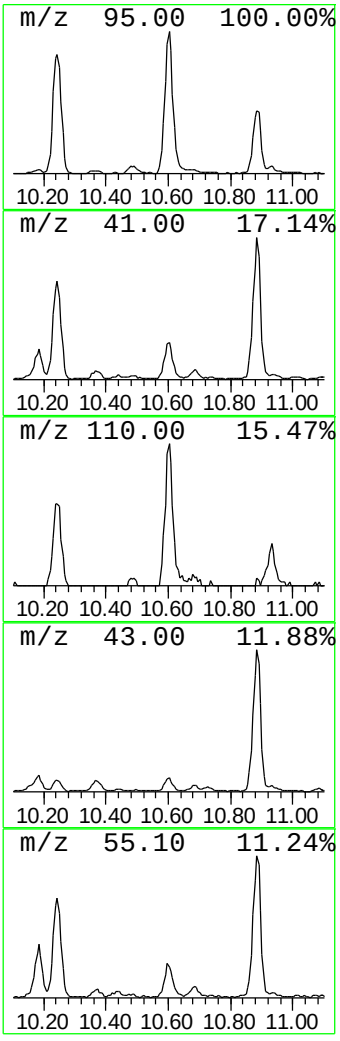
Peak Number 9 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	23.21 ng	233943	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	78
2	endo-Borneol	154	C10H18O	000507-70-0	74
3	(+)-Borneol	154	C10H18O	1000150-76-3	72
4	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	64
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





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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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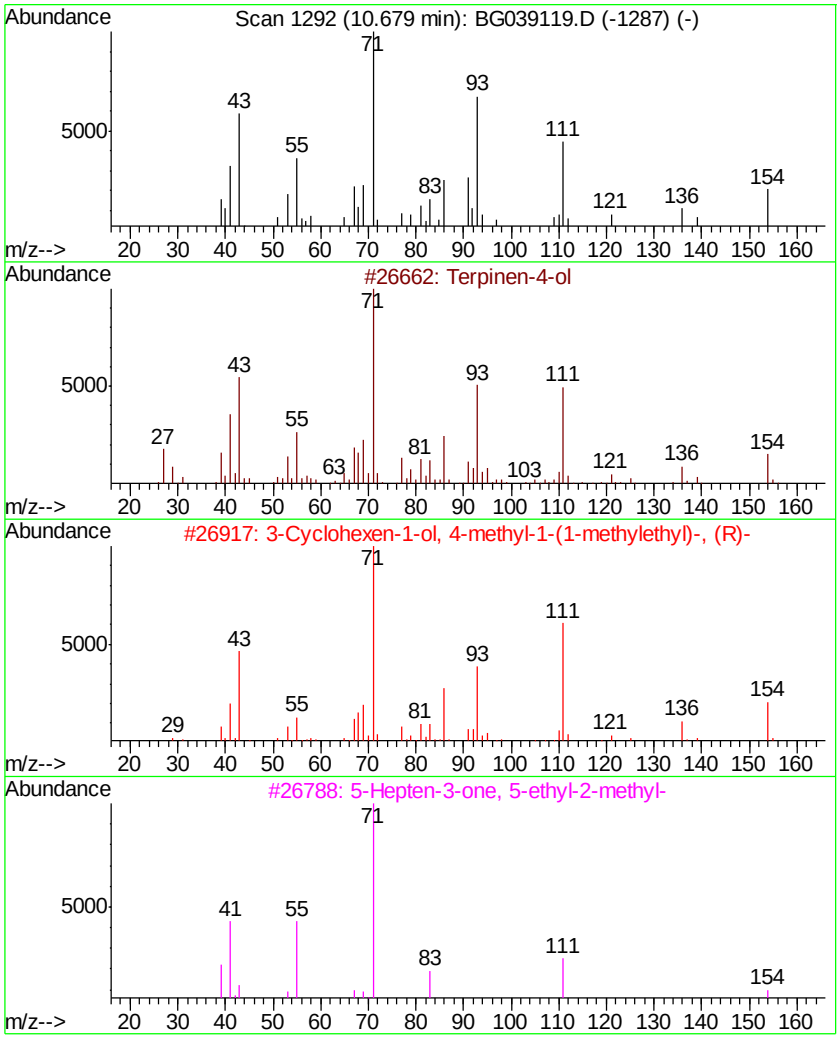
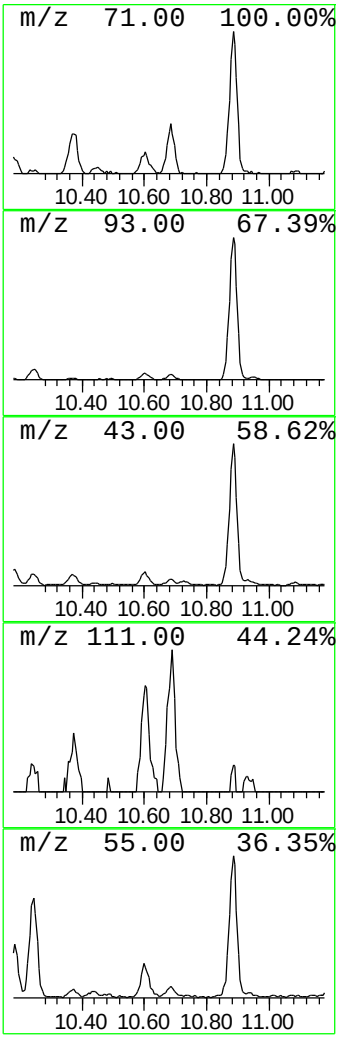
Peak Number 10 Terpinen-4-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.40 ng	44318	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	87
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	68
3	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	35
4	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	30
5	2-Butene, 1-methoxy-, (E)-	86	C5H10O	010034-14-7	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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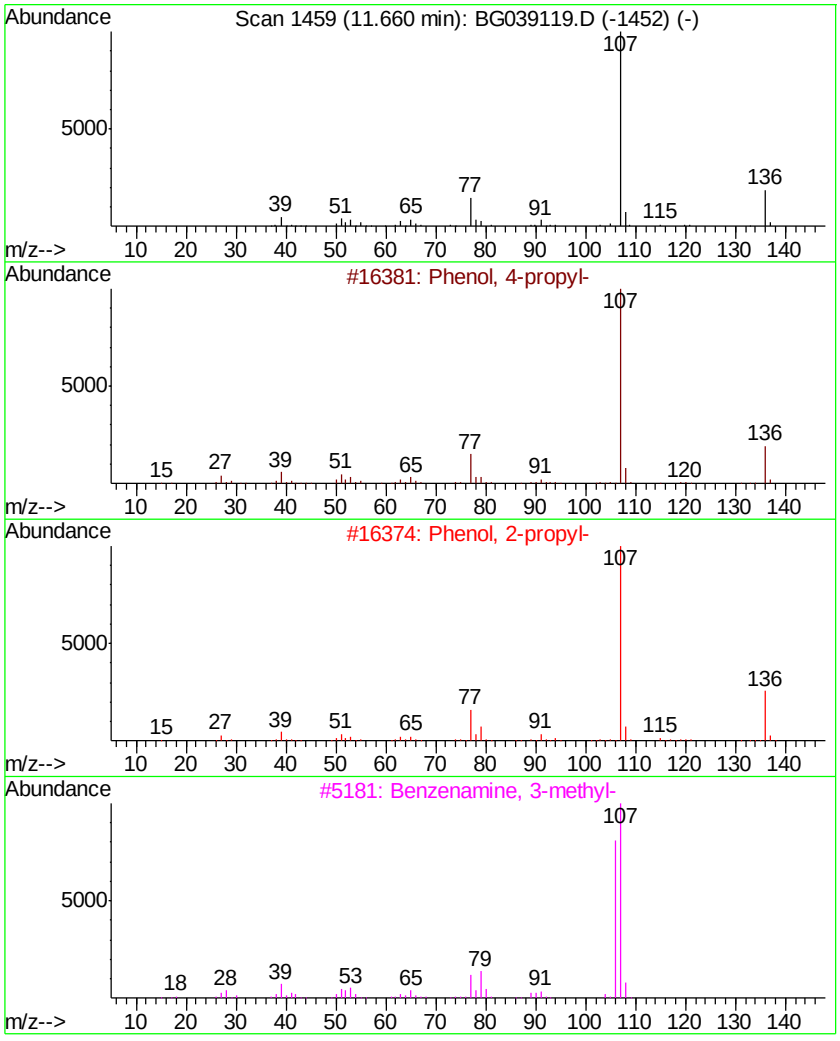
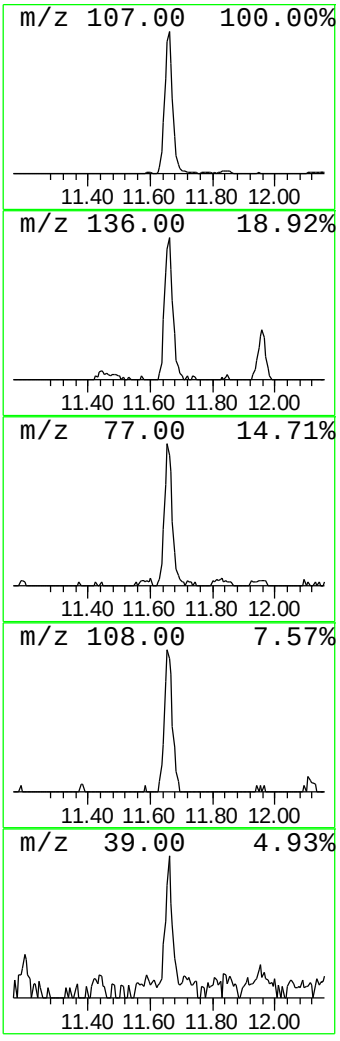
Peak Number 11 Phenol, 4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	14.57 ng	146881	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-propyl-	136	C9H12O	000645-56-7	91
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	91
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	72
4	Furan, 2-(1-pentenyl)-, (E)-	136	C9H12O	020992-69-2	64
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	56





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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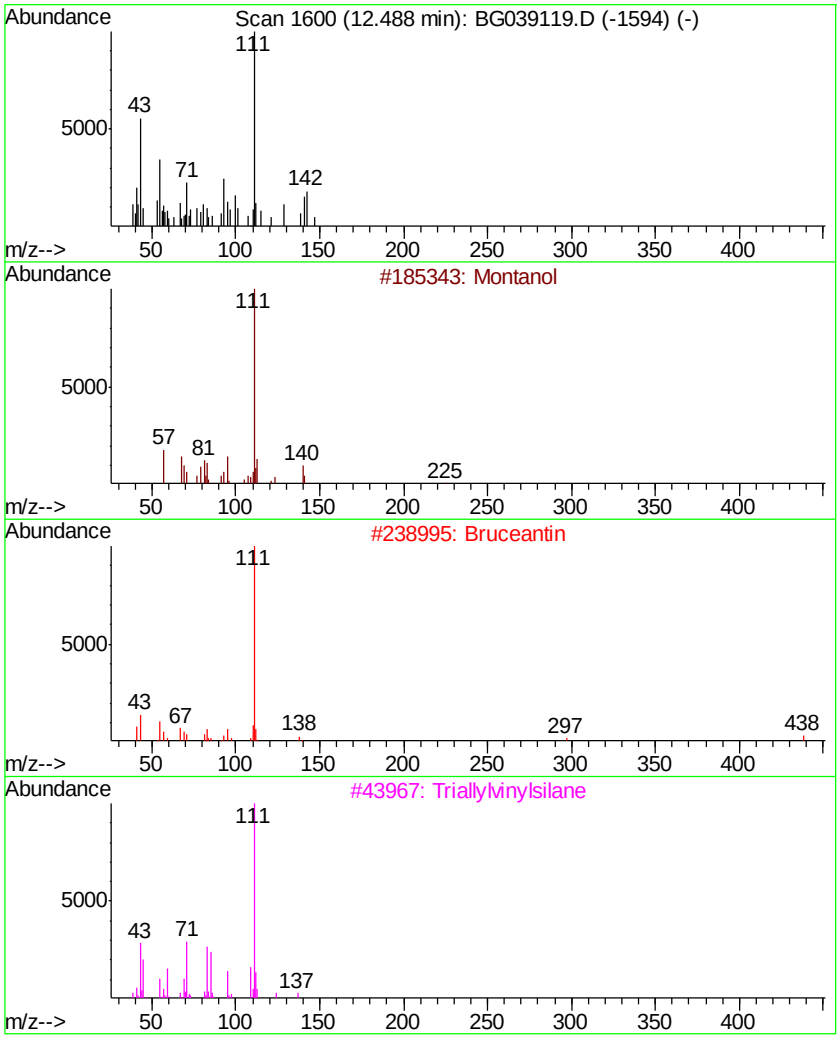
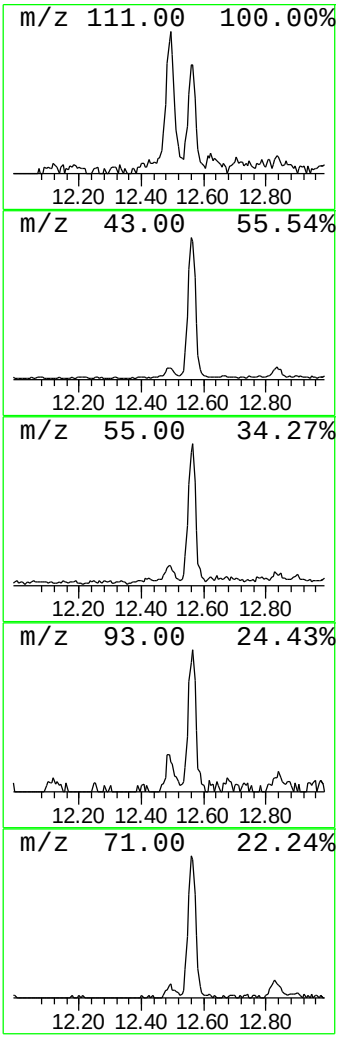
Peak Number 12 unknown12.49 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.30 ng	43372	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Montanol	352	C21H36O4	1000145-58-3	43
2	Bruceantin	548	C28H36O11	041451-75-6	43
3	Triallylvinylsilane	178	C11H18Si	017988-47-5	43
4	2-Thiophenecarboxylic acid hydra...	142	C5H6N2OS	002361-27-5	38
5	2(1H)-Pyrimidinone, 4-amino-	111	C4H5N3O	000071-30-7	38





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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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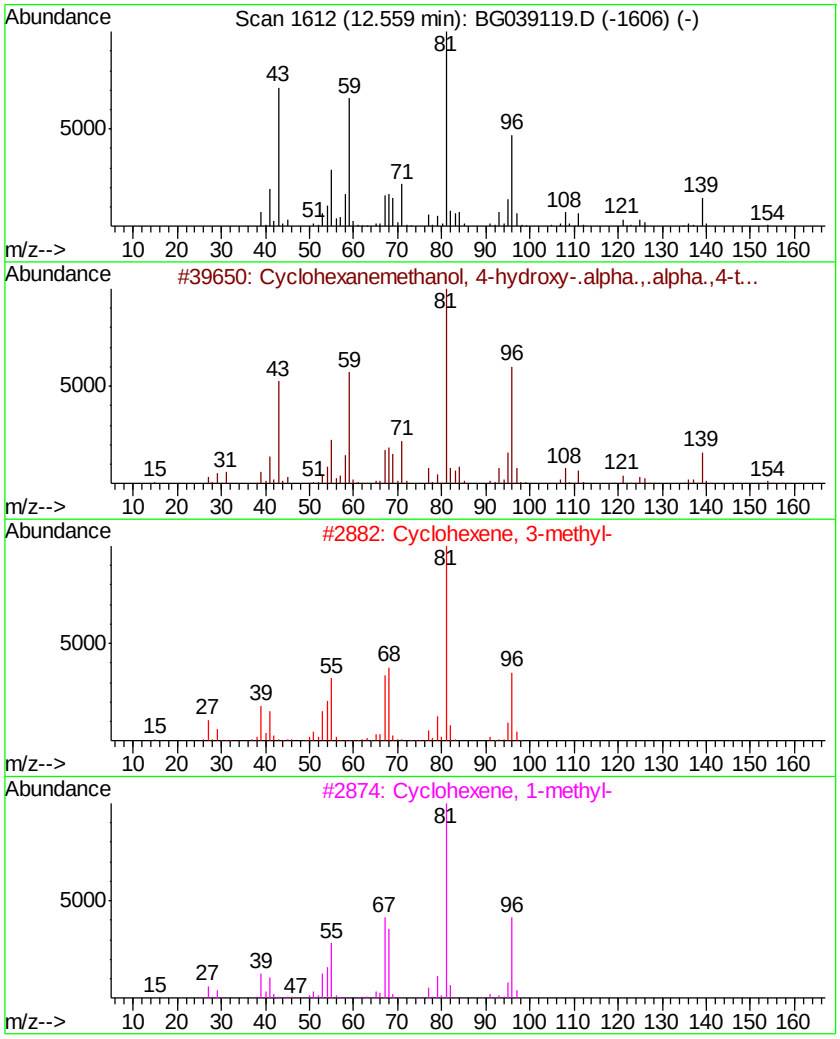
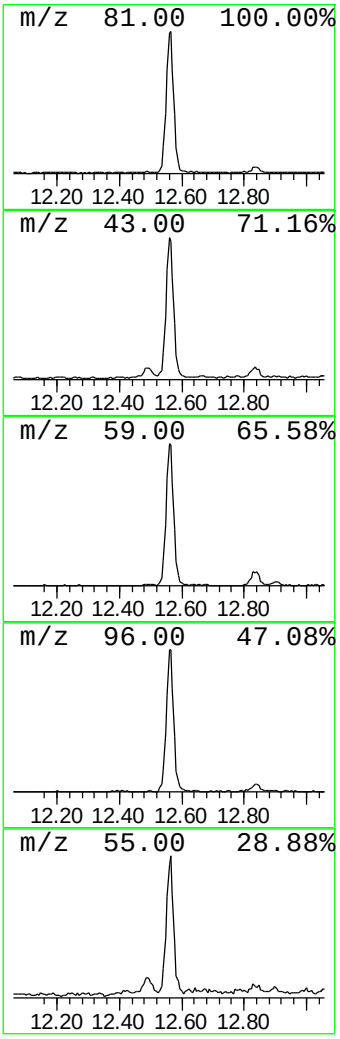
Peak Number 13 Cyclohexanemethanol, 4-hydr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	44.64 ng	449932	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	91
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	53
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	47
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	47





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Misc :
ALS Vial : 30 Sample Multiplier: 1

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

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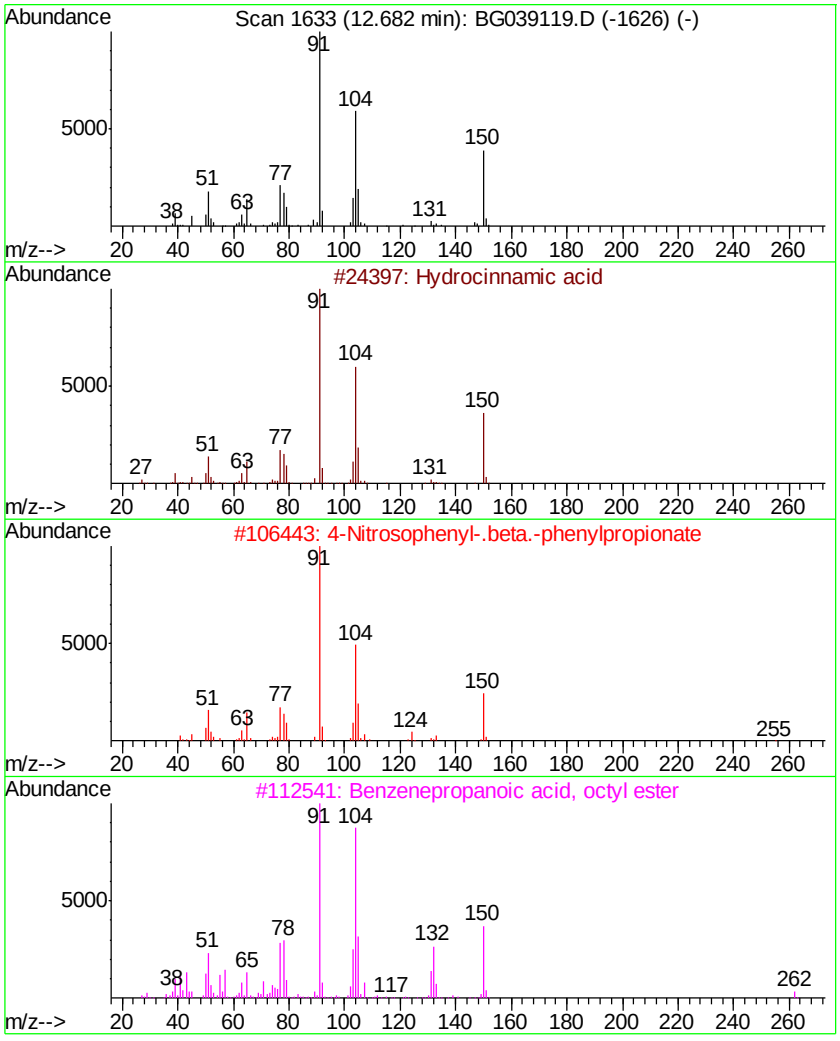
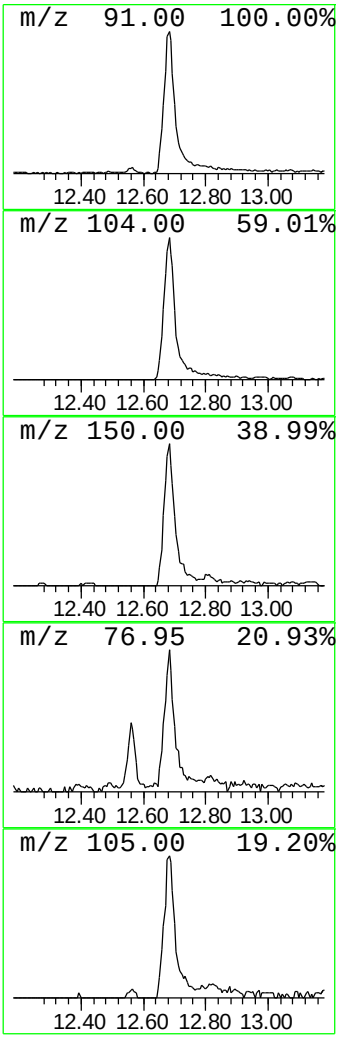
Peak Number 14 Hydrocinnamic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	24.68 ng	248692	Naphthalene-d8	10.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	80
3	Benzenepropanoic acid, octyl ester	262	C17H26O2	037826-57-6	64
4	Benzenepropanoic acid, silver(1+...	256	C9H9AgO2	075112-79-7	53
5	Pentafluoropropionic acid, 2-phe...	268	C11H9F5O2	081089-48-7	43





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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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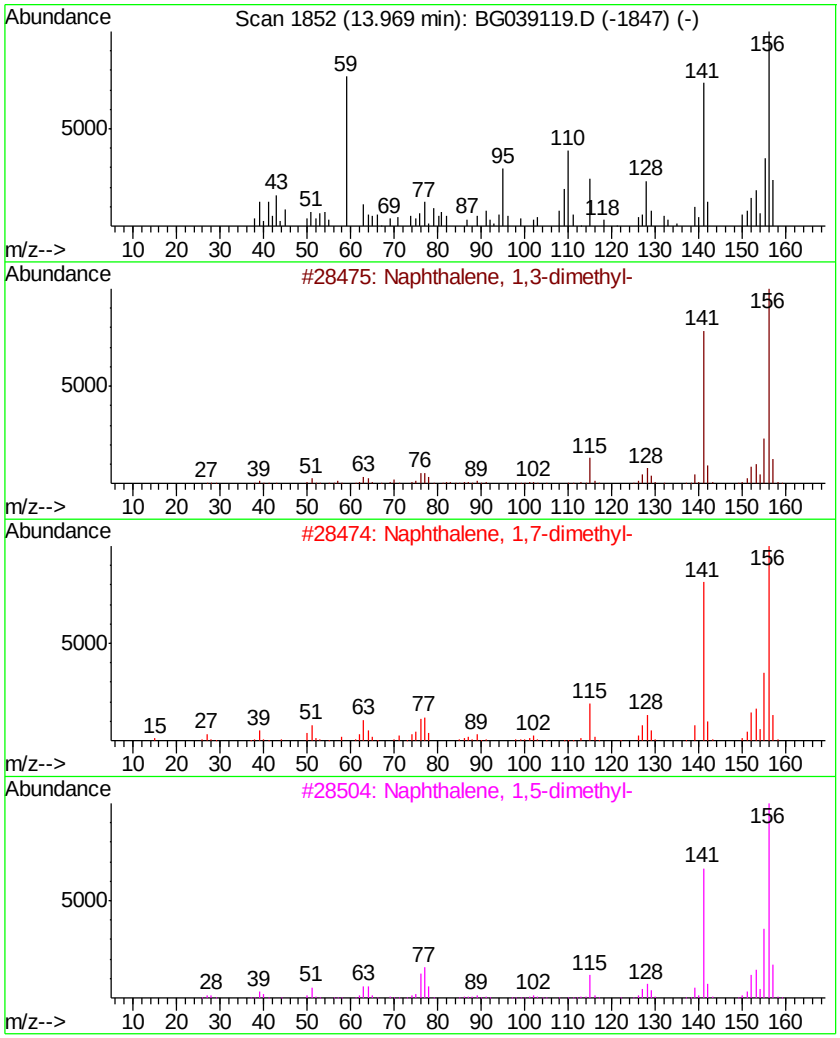
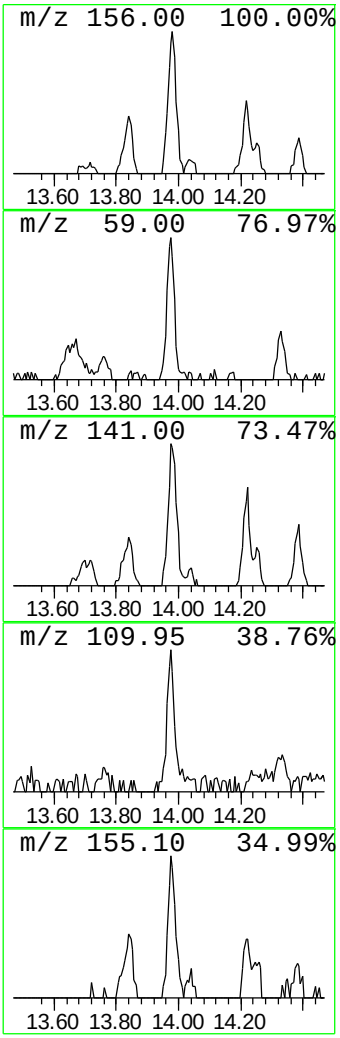
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	4.55 ng	84388	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	78
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	78
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	78





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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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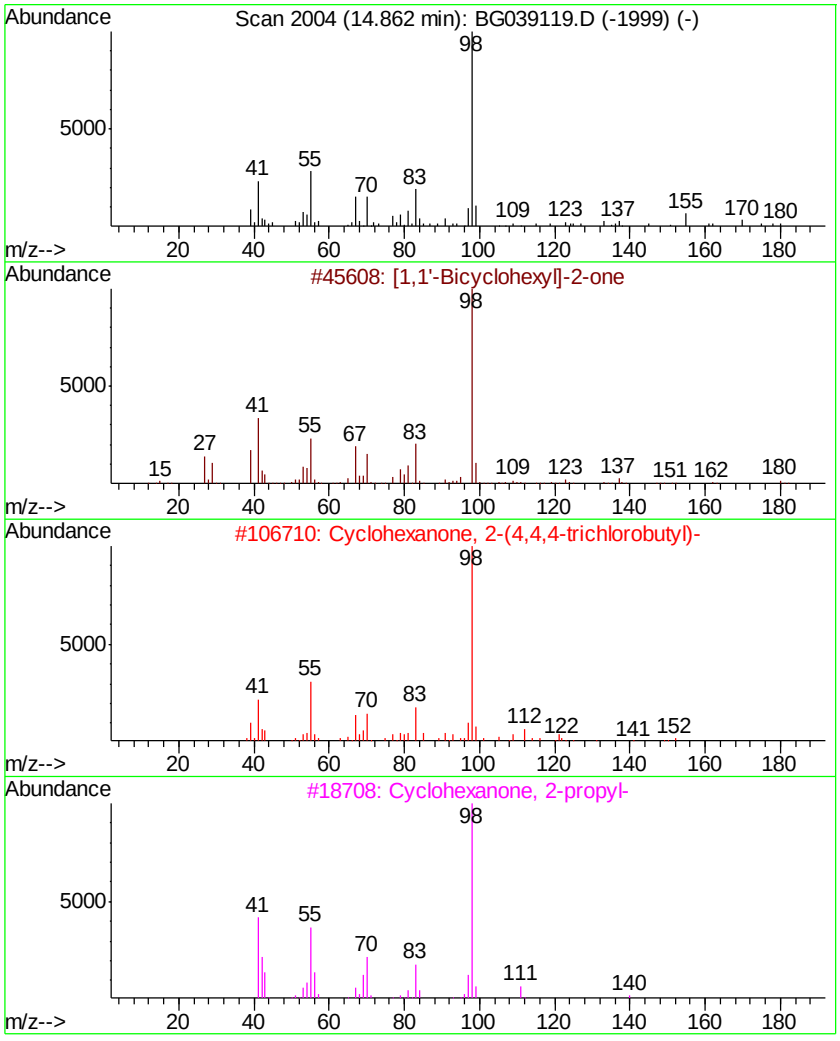
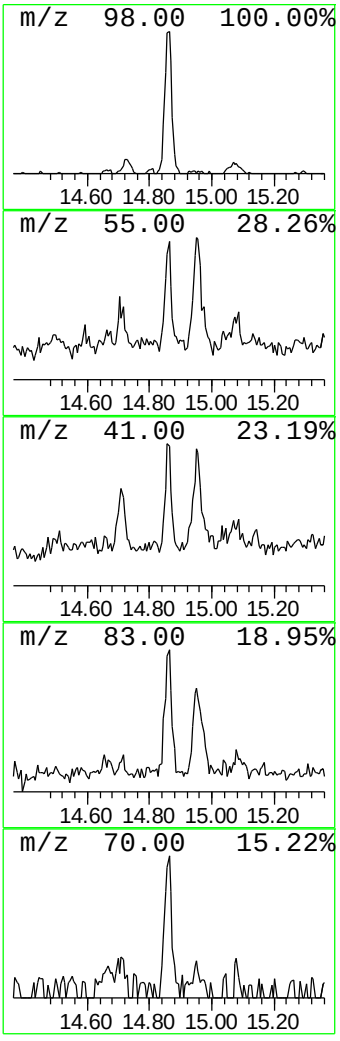
Peak Number 16 [1,1'-Bicyclohexyl]-2-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.45 ng	64022	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Bicyclohexyl]-2-one	180	C12H20O	000090-42-6	87
2	Cyclohexanone, 2-(4,4,4-trichlor...	256	C10H15Cl3O	1000115-25-1	78
3	Cyclohexanone, 2-propyl-	140	C9H16O	000094-65-5	78
4	Cyclohexanone, 2-pentyl-	168	C11H20O	032362-97-3	72
5	2-Butanone, 4-(1-piperidinyl)-	155	C9H17NO	016635-03-3	64





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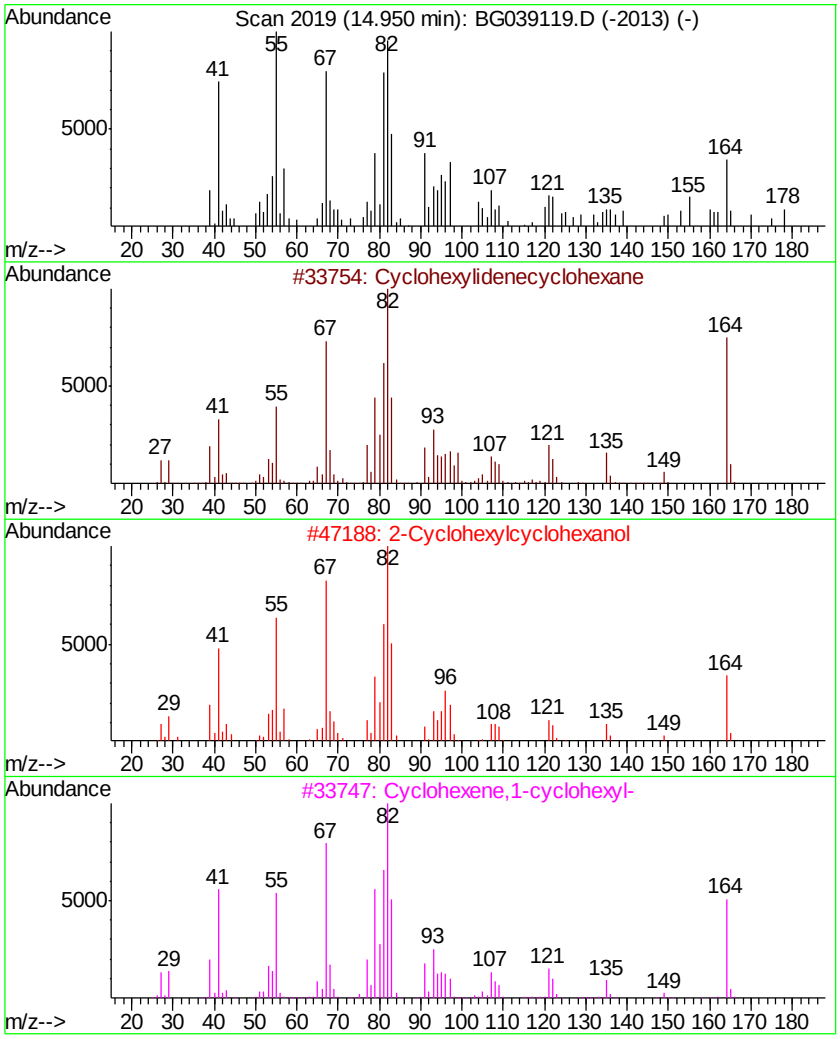
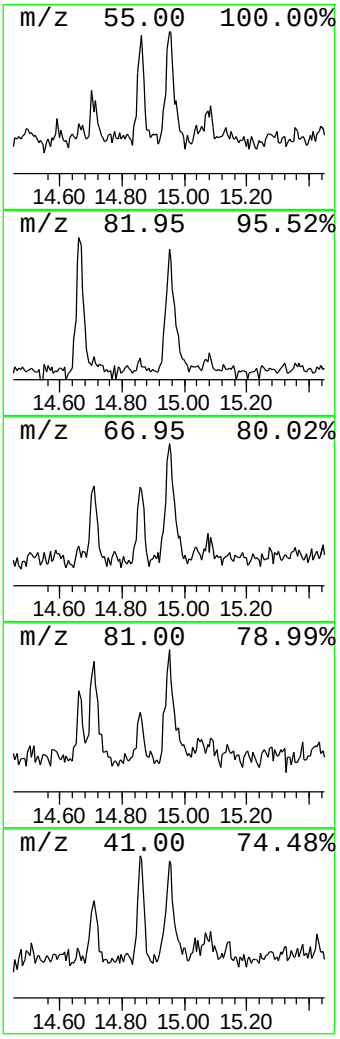
Peak Number 17 Cyclohexylidenecyclohexane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	5.21 ng	96607	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexylidenecyclohexane	164	C12H20	004233-18-5	64
2	2-Cyclohexylcyclohexanol	182	C12H22O	006531-86-8	58
3	Cyclohexene,1-cyclohexyl-	164	C12H20	003282-54-0	58
4	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	46
5	1,4-Heptadiene	96	C7H12	005675-22-9	45





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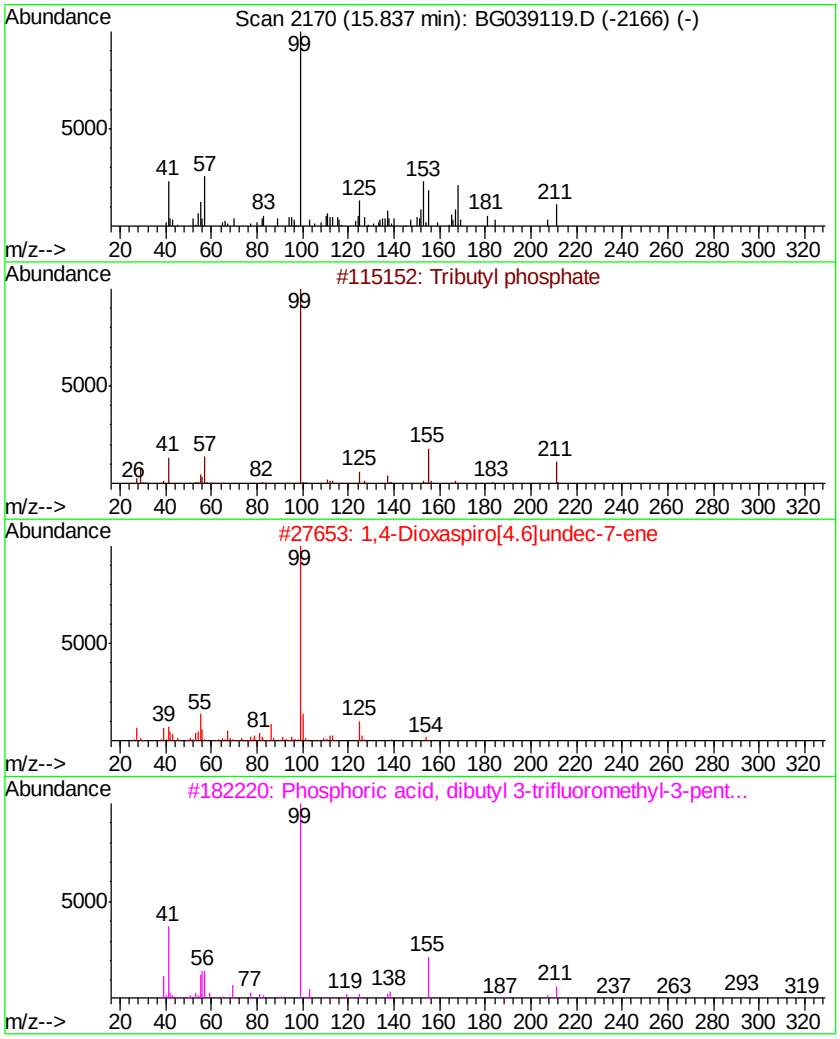
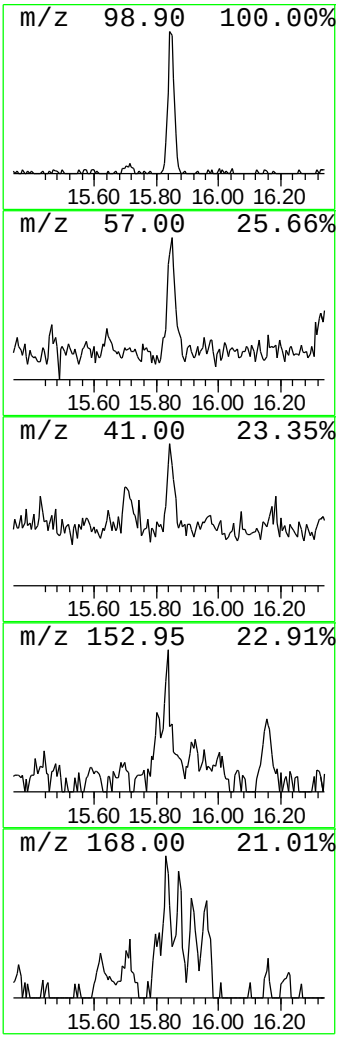
Peak Number 18 Tributyl phosphate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	3.44 ng	63889	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tributyl phosphate	266	C12H27O4P	000126-73-8	78
2	1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	50
3	Phosphoric acid, dibutyl 3-trifl...	348	C14H28F3O4P	1000298-93-8	50
4	Phosphoric acid, dipropyl octyl ...	294	C14H31O4P	1000308-96-4	40
5	Phosphoric acid, dibutyl 1,1-dim...	352	C13H25F4O4P	1000298-93-9	38





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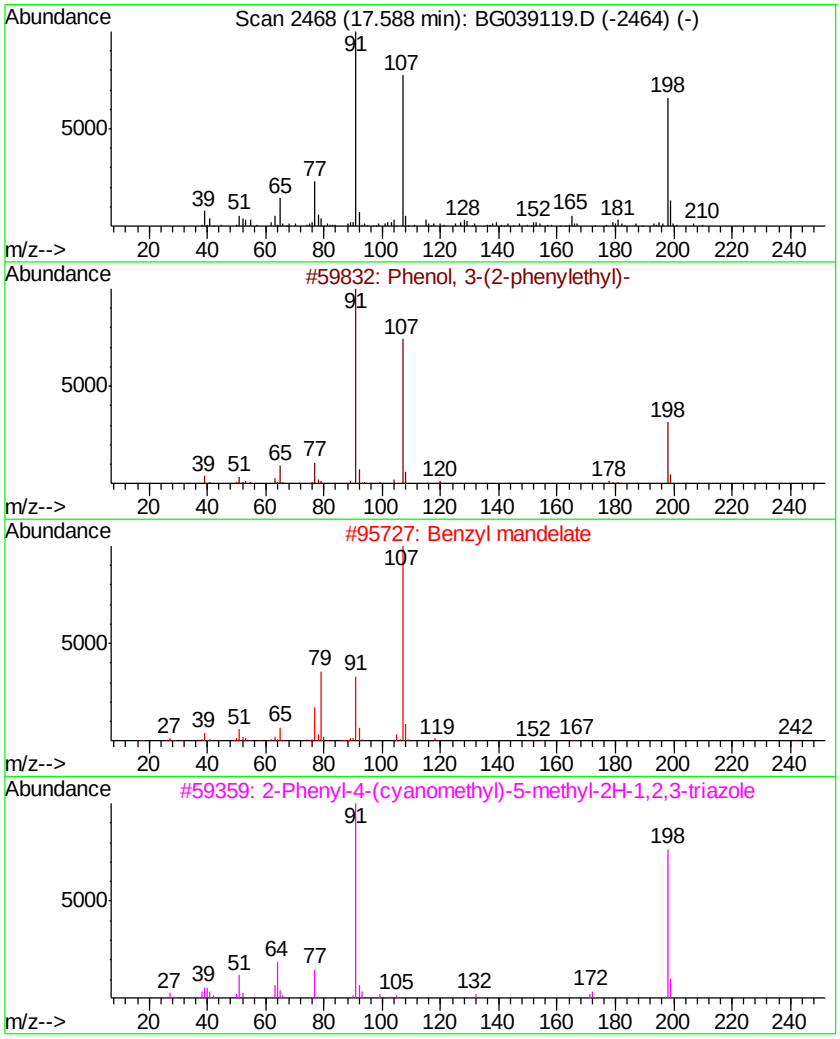
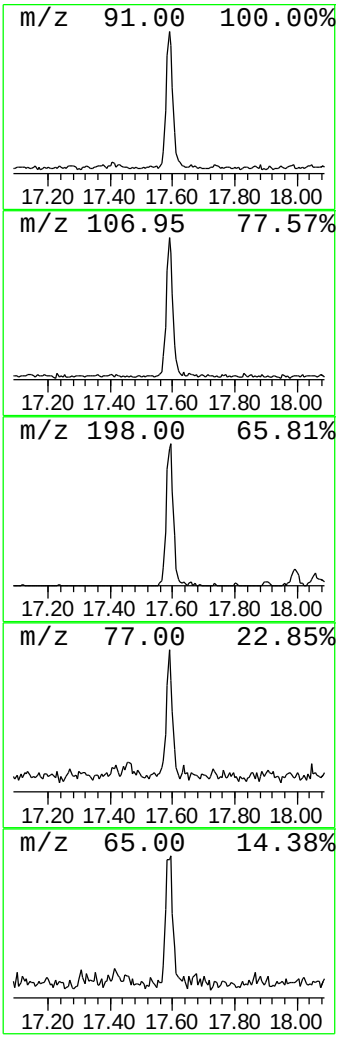
Peak Number 19 Phenol, 3-(2-phenylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	5.05 ng	131700	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethyl)-	198	C14H14O	033675-75-1	93
2	Benzyl mandelate	242	C15H14O3	000890-98-2	47
3	2-Phenyl-4-(cyanomethyl)-5-methy...	198	C11H10N4	013322-20-8	38
4	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	38
5	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	38





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

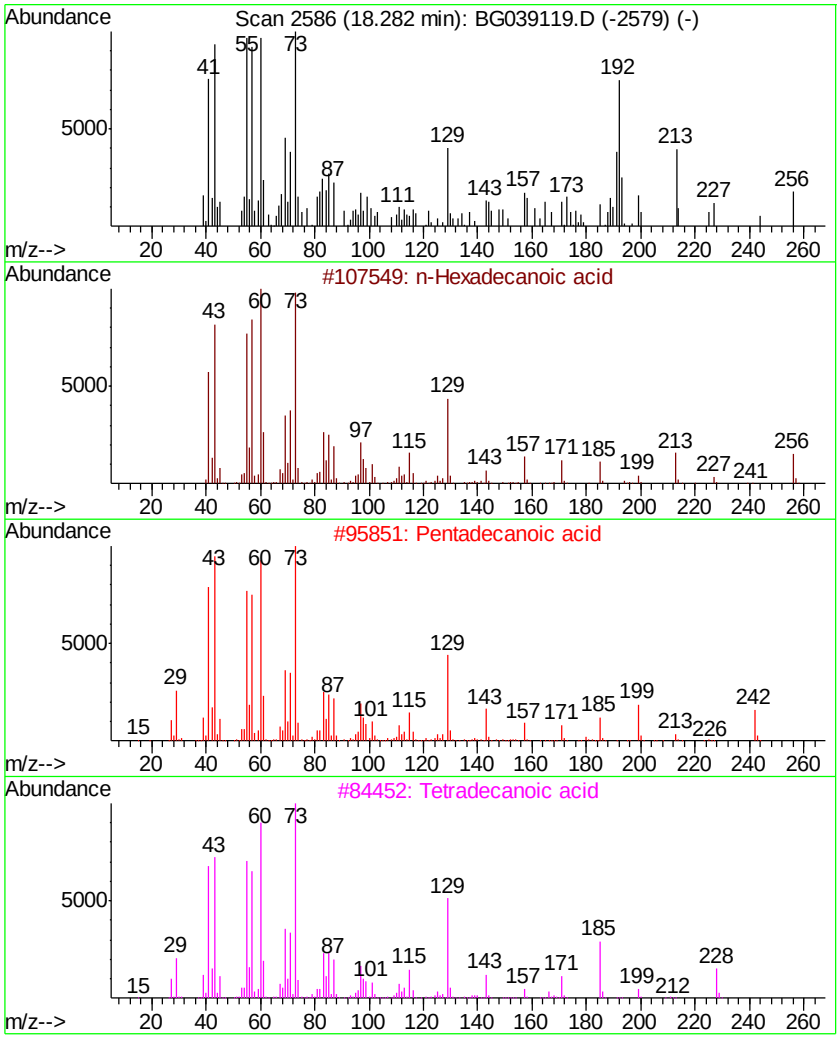
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

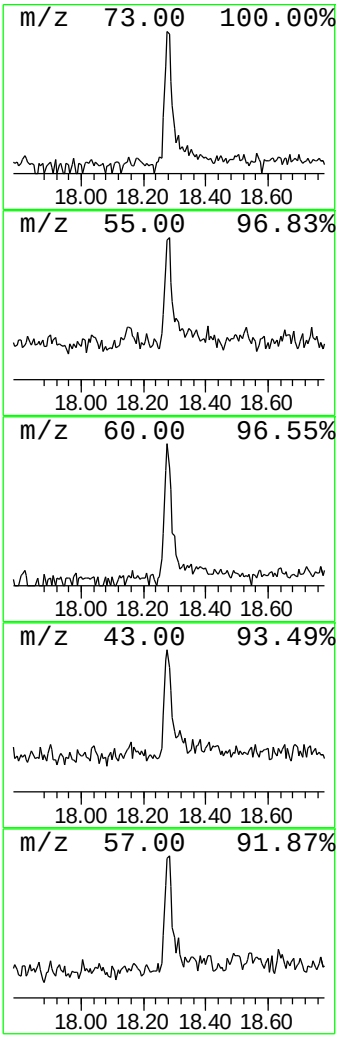
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.84 ng	100258	Phenanthrene-d10	17.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	43
5	Dodecanoic acid	200	C12H24O2	000143-07-7	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011119\
Data File : BG039119.D
Acq On : 12 Jan 2019 15:04
Operator : JU/SJ
Sample : K1123-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CPGP-04

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	4.7	ng	26521	1	8.02	112809	20.0
unknown7.55	7.55	92.3	ng	520799	1	8.02	112809	20.0
Bicyclo[2.2.1]hep...	9.26	30.2	ng	170468	1	8.02	112809	20.0
Fenchol, exo-	9.74	14.5	ng	145979	2	10.84	201563	20.0
Cyclohexanemethan...	10.19	23.0	ng	232186	2	10.84	201563	20.0
(+)-2-Bornanone	10.24	43.5	ng	438164	2	10.84	201563	20.0
unknown10.37	10.37	5.1	ng	51592	2	10.84	201563	20.0
Bicyclo[2.2.1]hep...	10.60	23.2	ng	233943	2	10.84	201563	20.0
Terpinen-4-ol	10.68	4.4	ng	44318	2	10.84	201563	20.0
Phenol, 4-propyl-	11.66	14.6	ng	146881	2	10.84	201563	20.0
unknown12.49	12.49	4.3	ng	43372	2	10.84	201563	20.0
Cyclohexanemethan...	12.56	44.6	ng	449932	2	10.84	201563	20.0
Hydrocinnamic acid	12.68	24.7	ng	248692	2	10.84	201563	20.0
Naphthalene, 1,3-...	13.97	4.5	ng	84388	3	14.66	370969	20.0
[1,1'-Bicyclohexy...	14.86	3.5	ng	64022	3	14.66	370969	20.0
Cyclohexylidenecy...	14.95	5.2	ng	96607	3	14.66	370969	20.0
Tributyl phosphate	15.84	3.4	ng	63889	3	14.66	370969	20.0
Phenol, 3-(2-phen...	17.59	5.0	ng	131700	4	17.41	522059	20.0
n-Hexadecanoic acid	18.28	3.8	ng	100258	4	17.41	522059	20.0