LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

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-BG030419.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	3.196	12	18	26	rBV	222573	515105	18.96%	2.673%
2	3.272	26	31	52	rVB	543696	889481	32.73%	4.616%
3	5.222	356	363	371	rVB	25693	44533	1.64%	0.231%
4	5.687	435	442	451	rBV	279498	450041	16.56%	2.336%
5	6.797	625	631	637	rVB2	28537	43957	1.62%	0.228%
6	7.284	705	714	729	rBV	180623	357724	13.16%	1.857%
7	7.666	771	779	784	rBV	487258	847988	31.21%	4.401%
8	7.707	784	786	797	rVB	54158	86433	3.18%	0.449%
9	8.136	853	859	869	rVB	160367	287085	10.56%	1.490%
10	8.459	907	914	924	rVB	598805	1058011	38.94%	5.491%
11	9.317	1052	1060	1066	rBV	540677	980245	36.07%	5.087%
12	9.376	1066	1070	1076	rVB2	23765	42821	1.58%	0.222%
13	9.851	1145	1151	1159	rBV2	51469	93702	3.45%	0.486%
14	10.251	1209	1219	1228	rBV8	17692	56004	2.06%	0.291%
15	10.363	1231	1238	1247	rVB2	32362	59821	2.20%	0.310%
16	10.721	1292	1299	1307	rBV	58556	122885	4.52%	0.638%
17	10.803	1307	1313	1317	rVV2	58959	114967	4.23%	0.597%
18	10.838	1317	1319	1331	rVV2	20882	38544	1.42%	0.200%
19	10.956	1332	1339	1342	rVV	211878	386063	14.21%	2.004%
20	10.997	1342	1346	1365	rVB	445926	766707	28.22%	3.979%
21	11.255	1382	1390	1395	rBV3	27183	48479	1.78%	0.252%
22	11.314	1395	1400	1410	rVV7	12386	31381	1.15%	0.163%
23	11.508	1424	1433	1437	rBV4	12640	31811	1.17%	0.165%
24	12.607	1610	1620	1621	rBV6	15412	33815	1.24%	0.175%
25	12.665	1625	1630	1638	rVV2	42284	82051	3.02%	0.426%
26	12.742	1638	1643	1653	rVV2	51504	114282	4.21%	0.593%
27	13.388	1746	1753	1763	rVB	1399322	2200484	80.98%	11.420%
28	13.746	1809	1814	1820	rBV5	14774	31197	1.15%	0.162%
29	13.981	1849	1854	1859	rBV8	15668	29987	1.10%	0.156%
30	14.204	1887	1892	1896	rVB	31808	46140	1.70%	0.239%
31	14.592	1949	1958	1959	rBV6	16345	43141	1.59%	0.224%
32	14.668	1967	1971	1976	rVB	27685	41310	1.52%	0.214%
33	14.762	1980	1987	1996	rVB2	321263	535618	19.71%	2.780%
34	15.274	2064	2074	2086	rBV	424354	798578	29.39%	4.144%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.808	2161	2165	2173	rBV10	15290	28765	1.06%	0.149%
36	16.249	2234	2240	2250	rBV	740671	1140330	41.97%	5.918%
37	17.506	2448	2454	2462	rBV2	421335	665610	24.50%	3.454%
38	18.087	2547	2553	2572	rBV4	133866	460857	16.96%	2.392%
39	18.299	2583	2589	2595	rBV4	20971	53324	1.96%	0.277%
40	18.363	2595	2600	2609	rVB	98317	157775	5.81%	0.819%
41	18.499	2618	2623	2637	rBV	99498	179553	6.61%	0.932%
42	18.651	2644	2649	2656	rBV	227236	359071	13.21%	1.864%
43	18.716	2657	2660	2665	rVB4	22636	39488	1.45%	0.205%
44	19.621	2810	2814	2824	rBV5	36016	63541	2.34%	0.330%
45	19.750	2832	2836	2841	rBV3	21863	35949	1.32%	0.187%
46	20.102	2890	2896	2902	rBV	2082548	2717326	100.00%	14.102%
47	21.412	3115	3119	3120	rBV4	25592	34338	1.26%	0.178%
48	21.794	3177	3184	3193	rVB2	429145	724730	26.67%	3.761%
49	22.552	3309	3313	3319	rVB	32301	56413	2.08%	0.293%
50	23.263	3429	3434	3442	rVB2	46169	90060	3.31%	0.467%
51	23.462	3463	3468	3475	rBV2	36196	70863	2.61%	0.368%
52	24.091	3569	3575	3582	rVB3	43630	102808	3.78%	0.534%
53	25.072	3732	3742	3746	rBV3	45929	120885	4.45%	0.627%
54	25.148	3746	3755	3768	rVB2	229131	714466	26.29%	3.708%
55	26.241	3934	3941	3953	rVB3	31685	97709	3.60%	0.507%
56	27.645	4174	4180	4188	rVB9	14750	44264	1.63%	0.230%

Sum of corrected areas: 19268516

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Misc :
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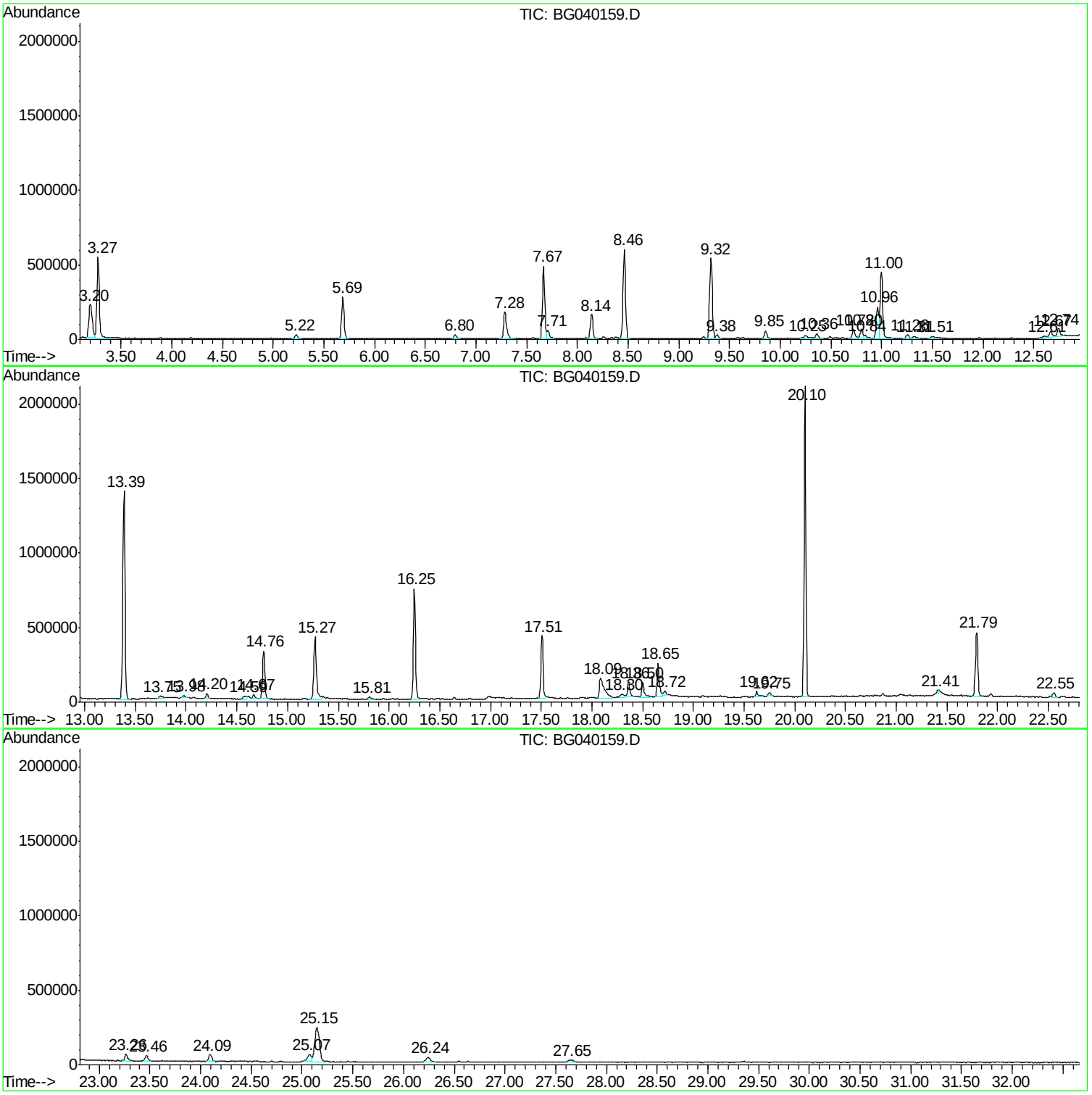
Instrument :
BNA_G
ClientSampleId :
MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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\BG032619\
Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
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Misc :
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

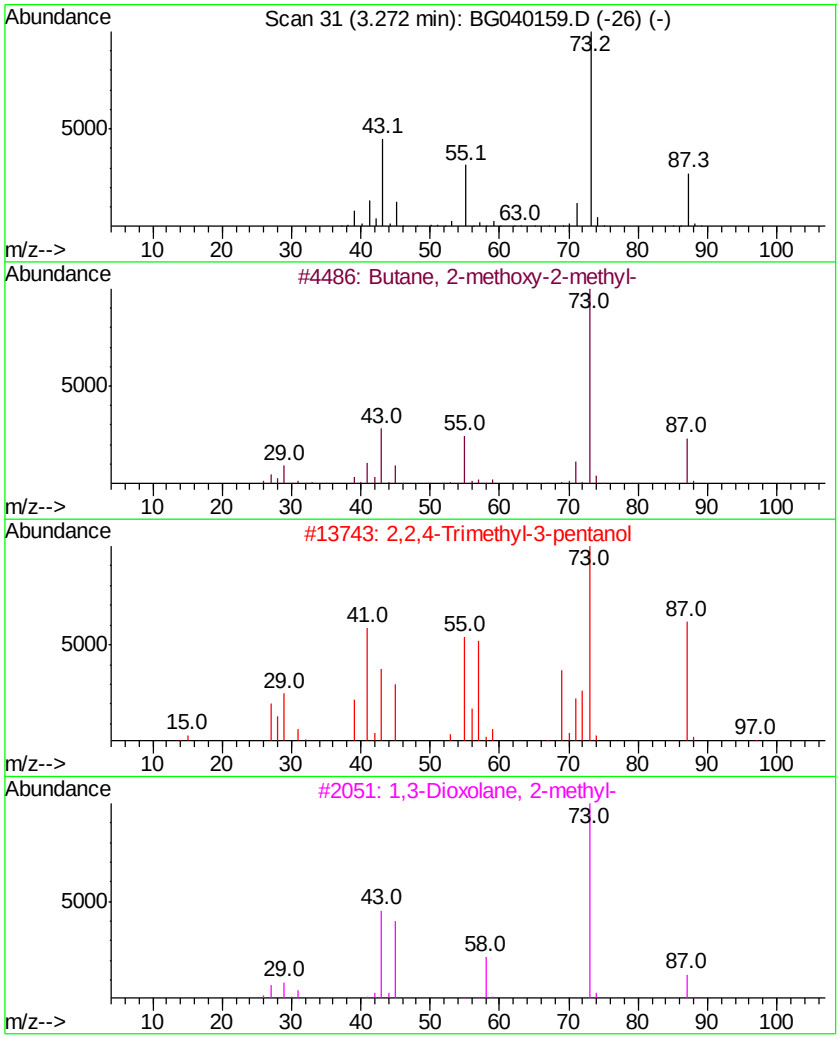
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

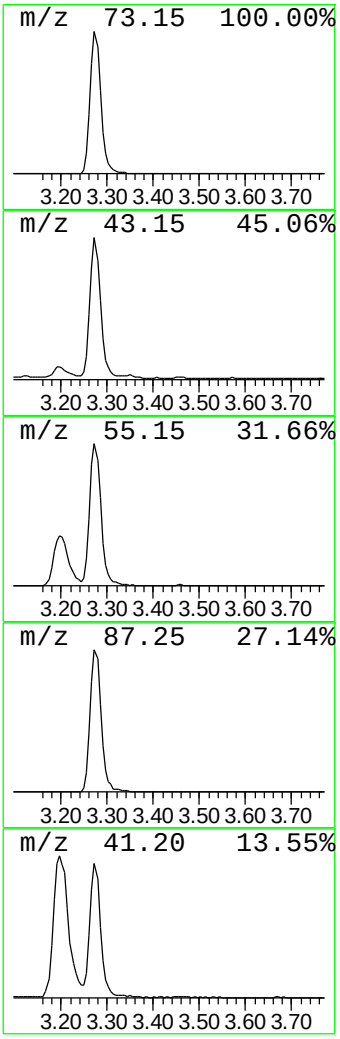
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	61.97 ng	889481	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

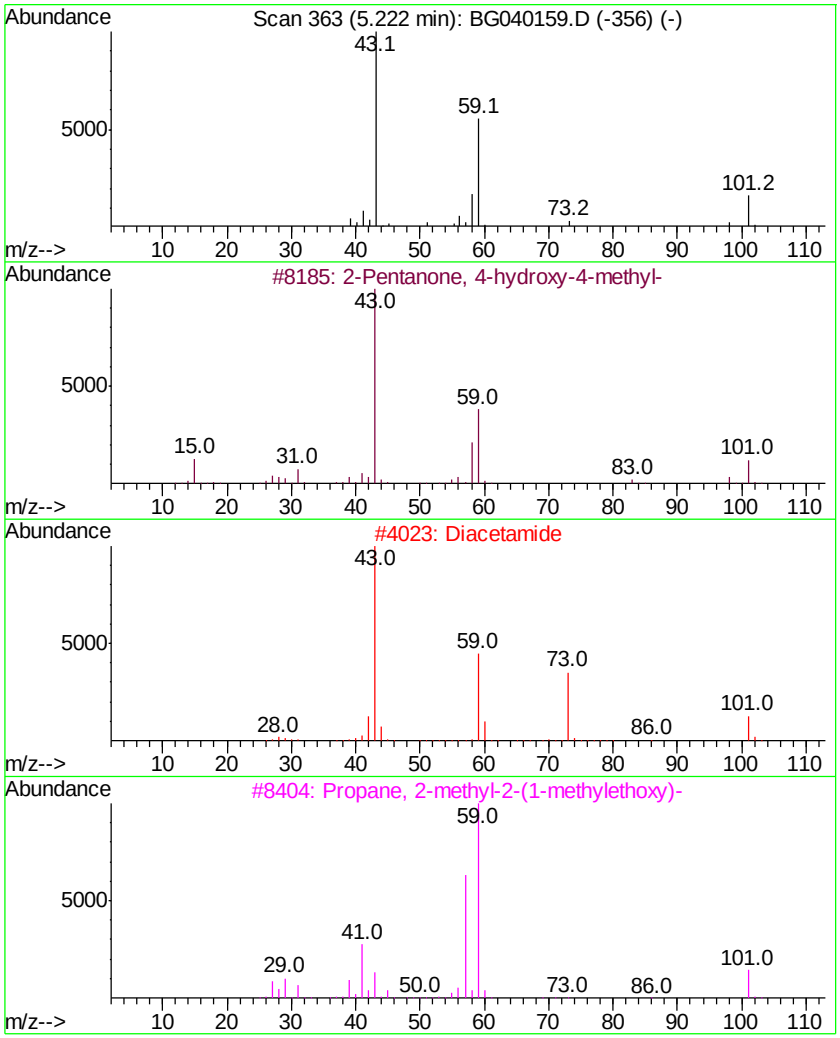
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

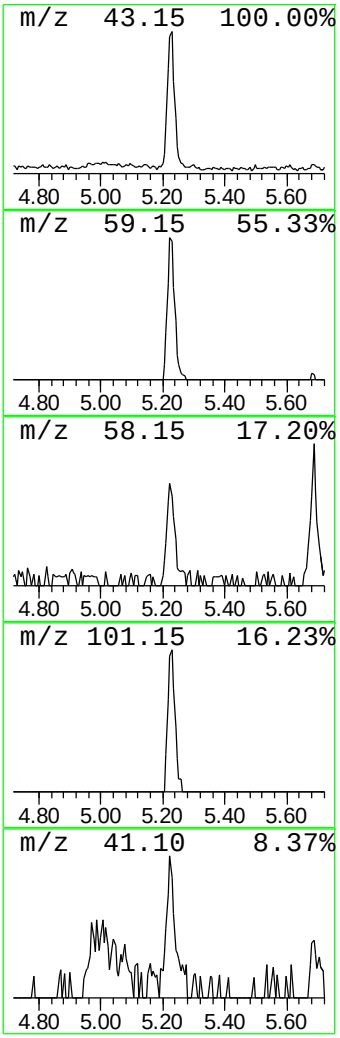
****

Peak Number 3 unknown5.22 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	3.10 ng	44533	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Diacetamide	101	C4H7NO2	000625-77-4	36
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	10
5	3-Pentanol	88	C5H12O	000584-02-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
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Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

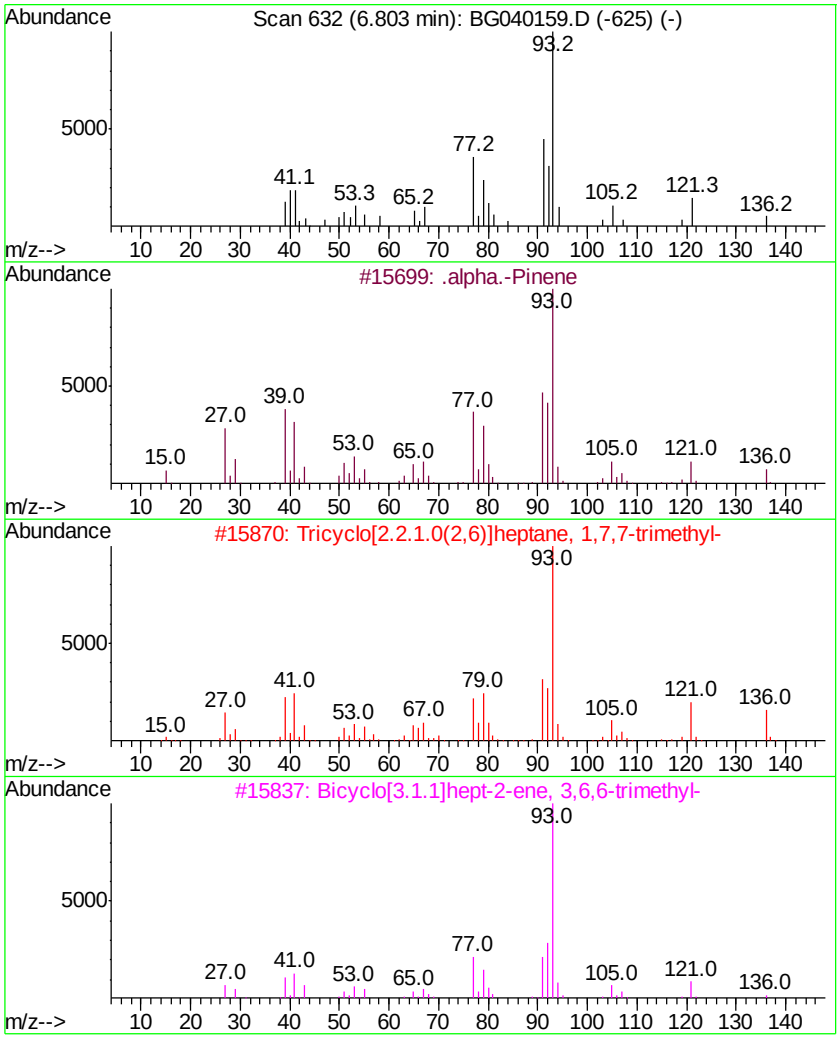
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

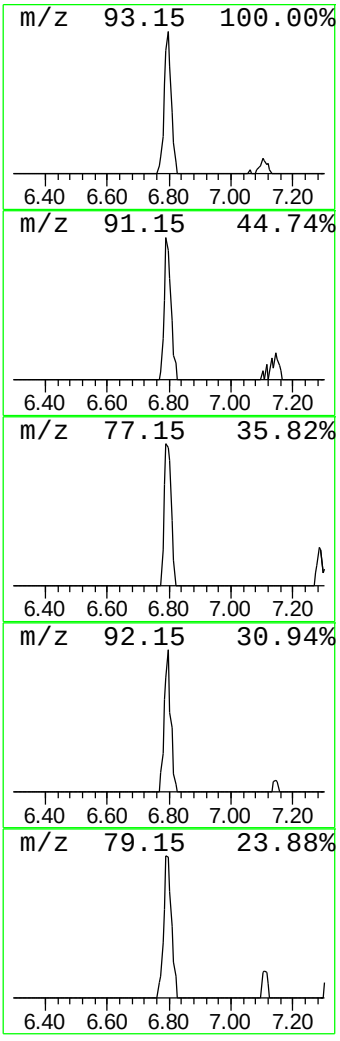
****

Peak Number 4 .alpha.-Pinene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	3.06 ng	43957	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	94
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	80
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	80
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	76
5	3-Carene	136	C10H16	013466-78-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

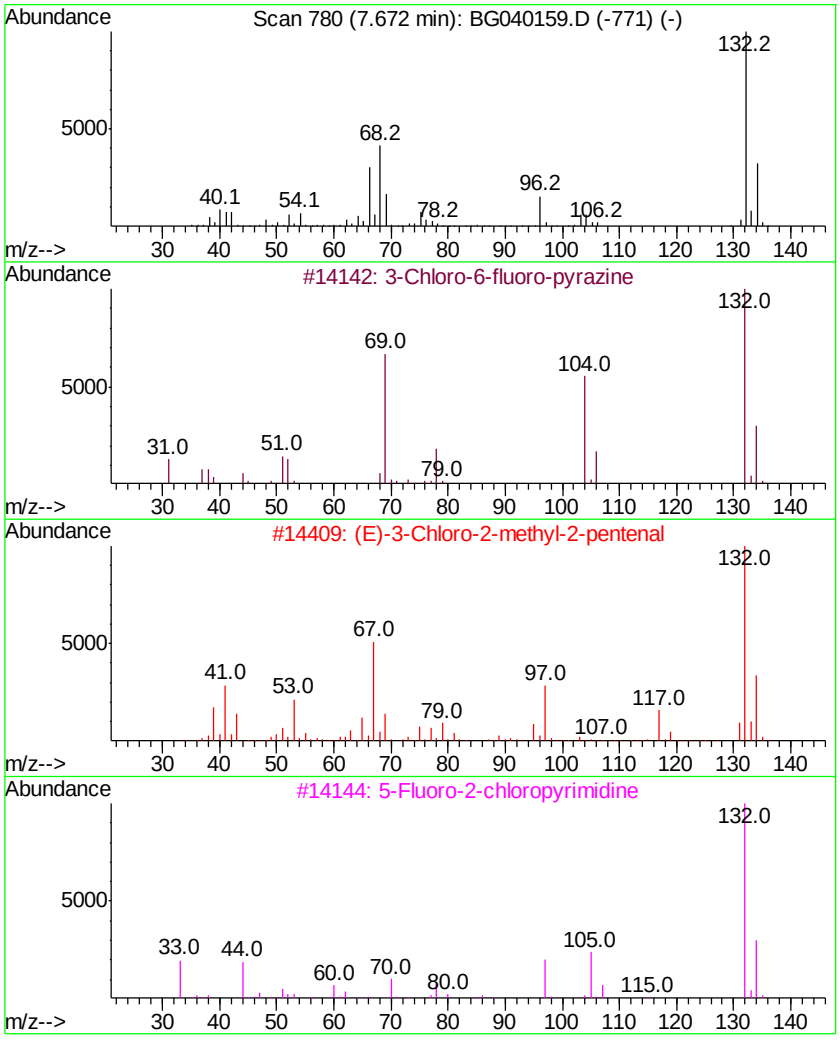
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

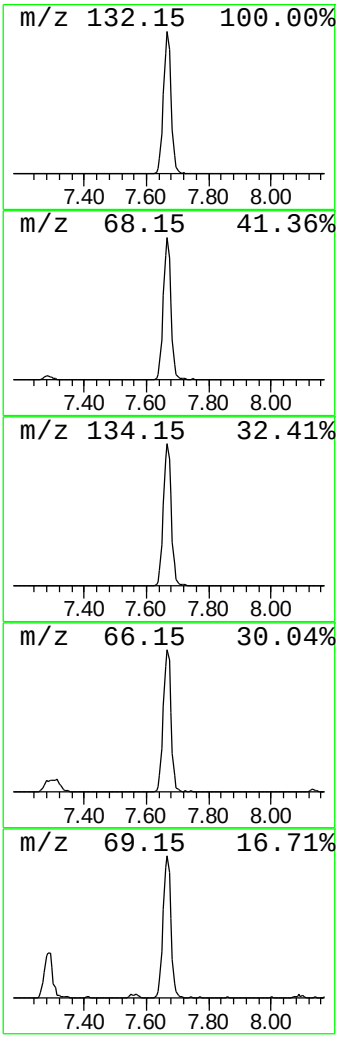
****

Peak Number 5 unknown7.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	59.08 ng	847988	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

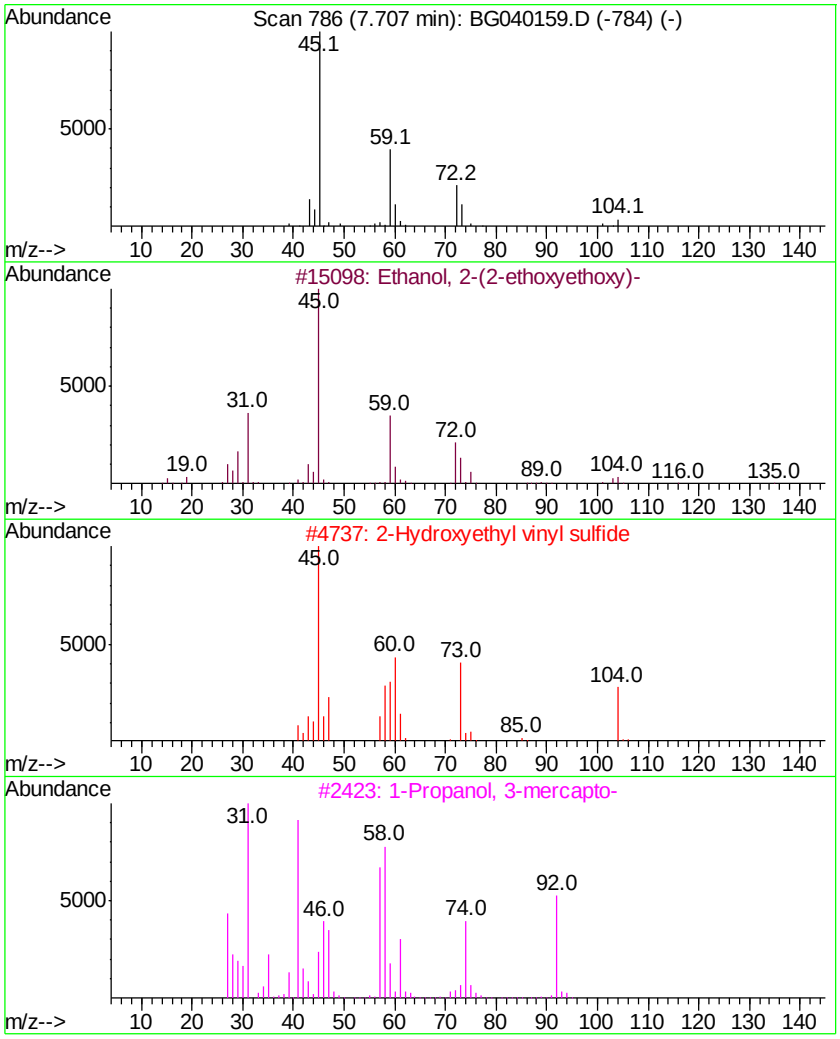
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

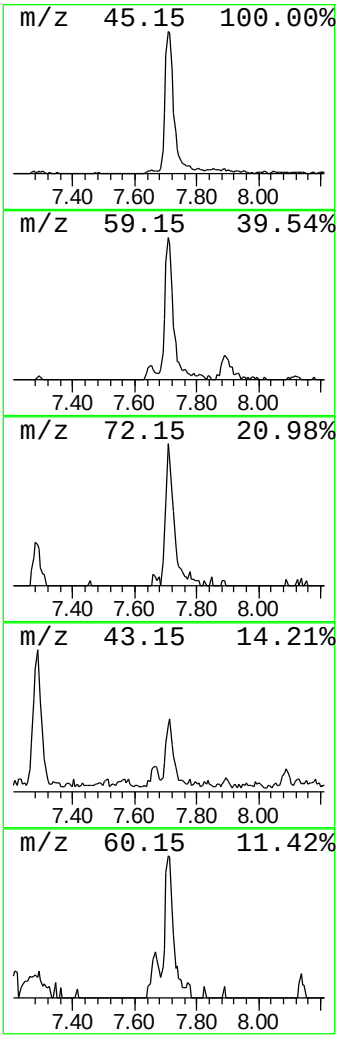
****

Peak Number 6 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	6.02 ng	86433	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
2	2-Hydroxyethyl vinyl sulfide	104	C4H8OS	003090-56-0	9
3	1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	9
4	Diethyl carbitol	162	C8H18O3	000112-36-7	9
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	9





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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

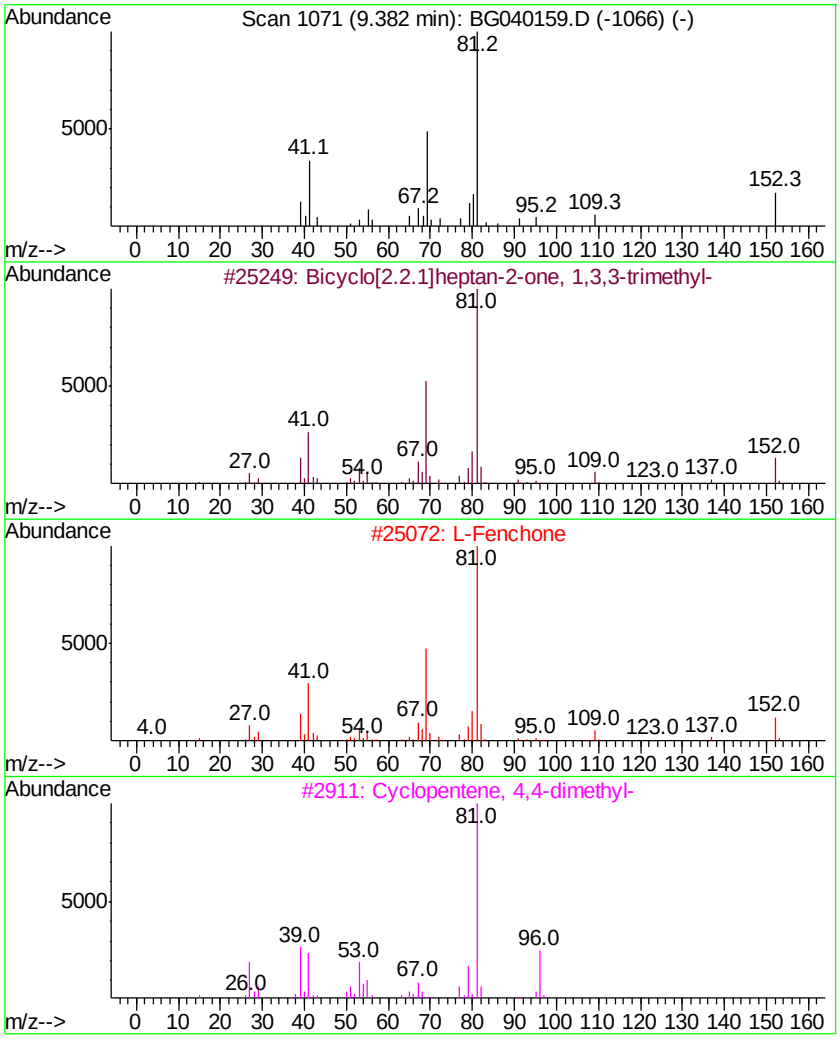
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

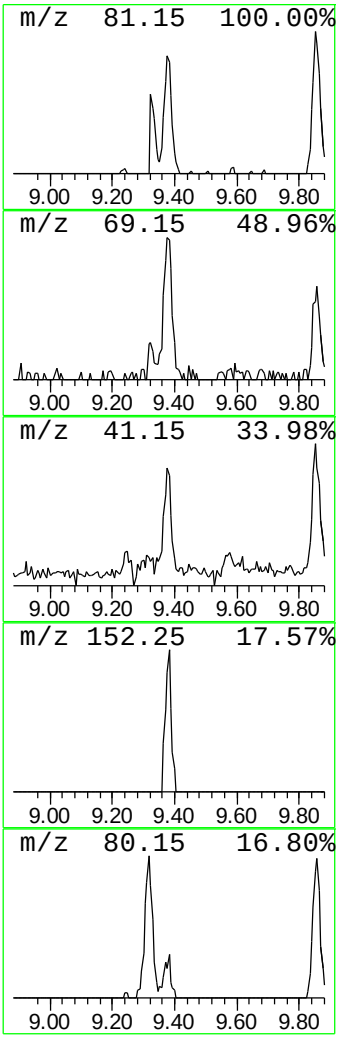
****

Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.98 ng	42821	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	72
2	L-Fenchone	152	C10H16O	007787-20-4	56
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	36
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	36
5	D-Fenchone	152	C10H16O	004695-62-9	25





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Data File : BG040159.D
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Operator : JU/SJ
Sample : K2099-04
Misc :
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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

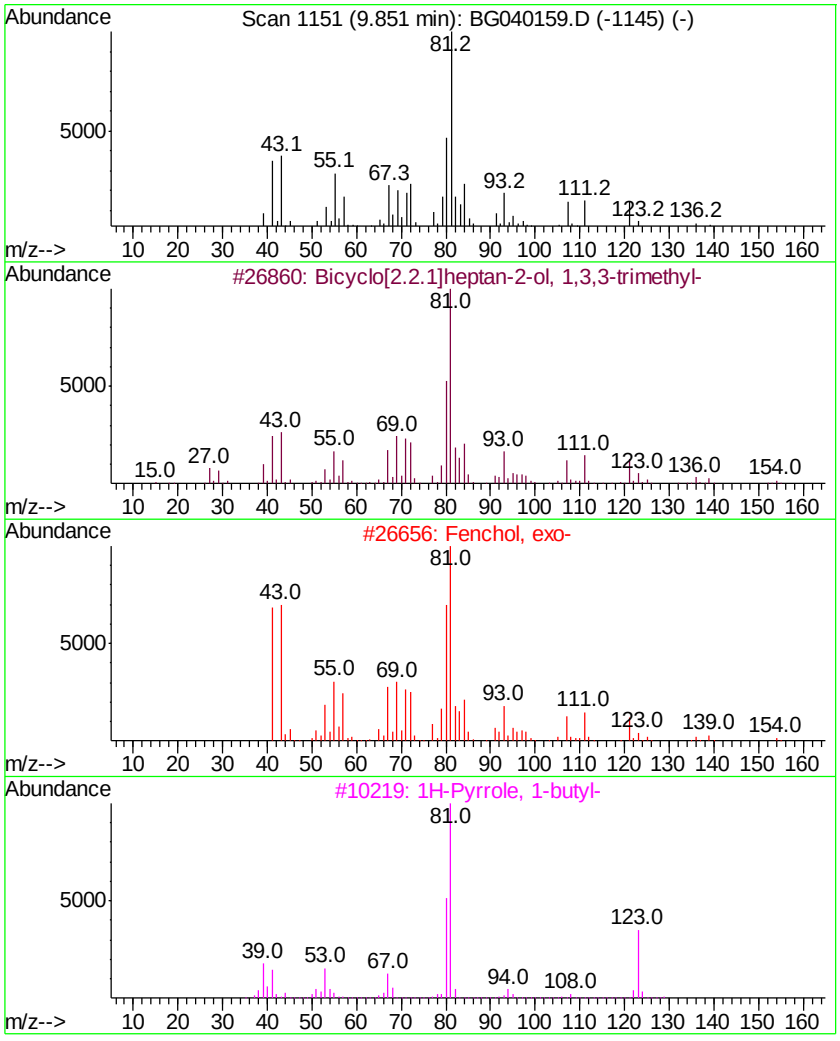
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

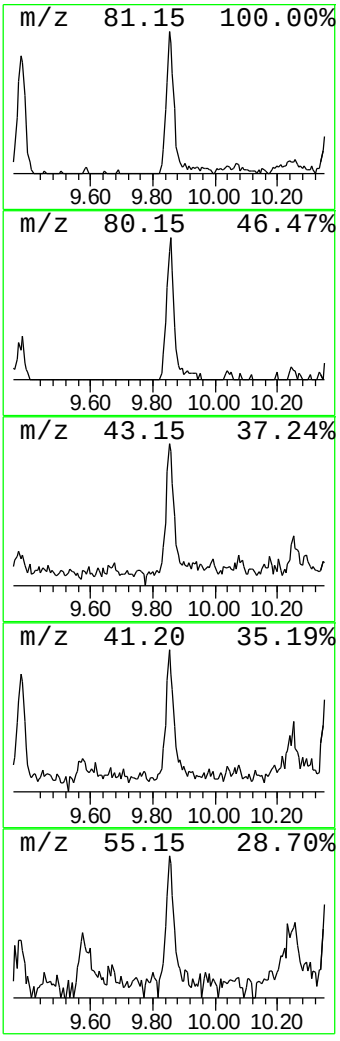
****

Peak Number 9 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.85 ng	93702	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	86
2	Fenchol, exo-	154	C10H18O	022627-95-8	49
3	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	47
4	Bi-2-cyclohexen-1-yl	162	C12H18	001541-20-4	43
5	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	43





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Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

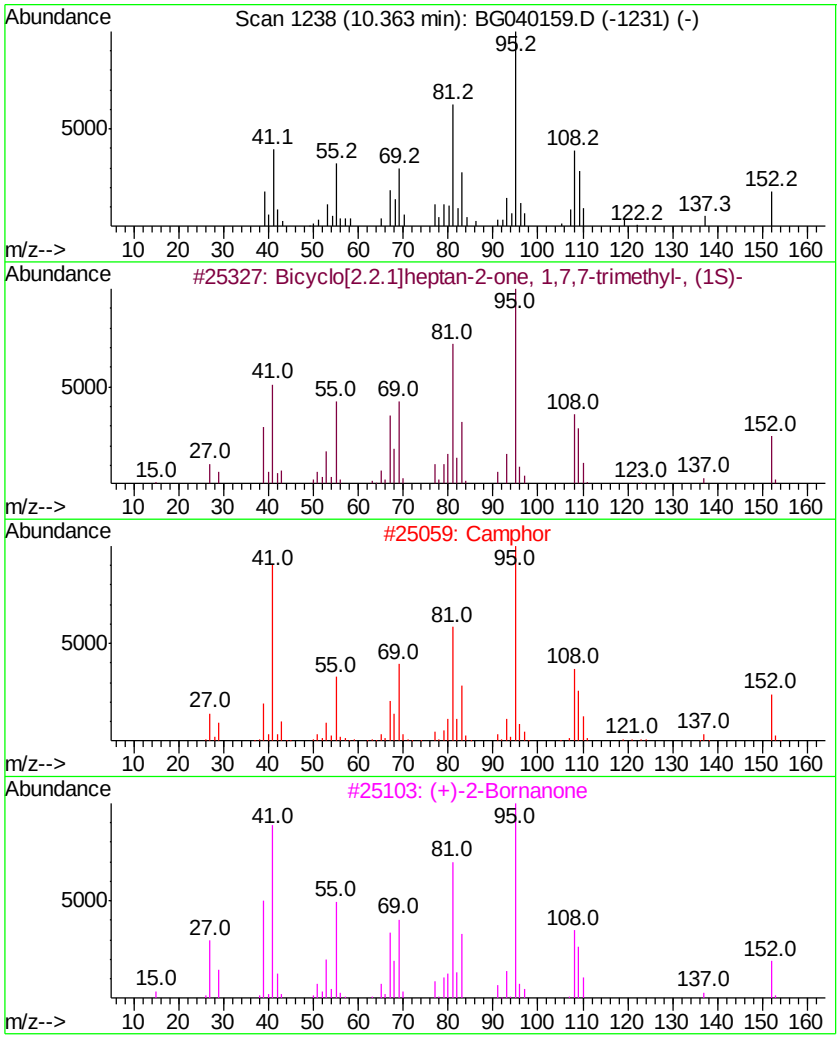
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

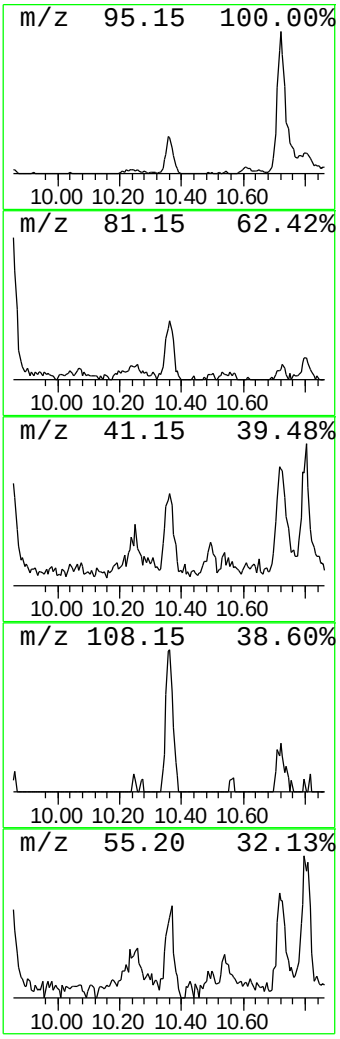
****

Peak Number 10 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	3.10 ng	59821	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2	Camphor	152	C10H16O	000076-22-2	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
4	1,4-Cyclohexanedimethanol, trans-	144	C8H16O2	003236-48-4	50
5	9-Azadispiro[3.1.3.0]nonane	123	C8H13N	135763-48-3	47





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Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

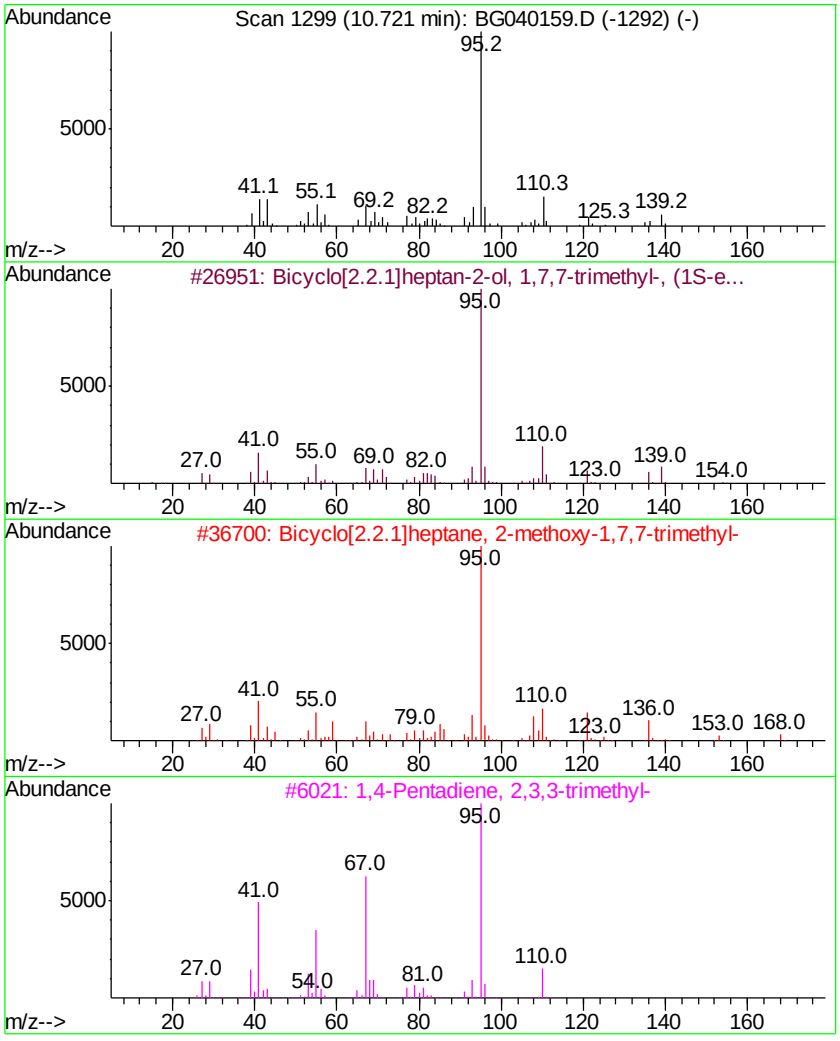
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

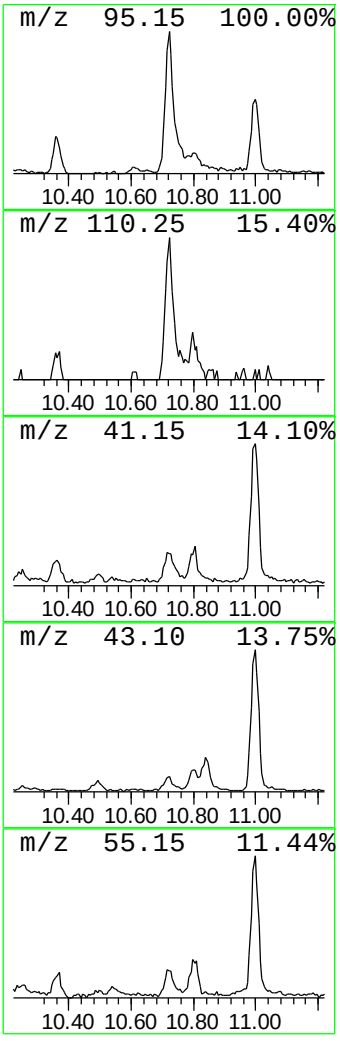
****

Peak Number 11 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	6.37 ng	122885	Naphthalene-d8	10.96

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	Bicyclo[2.2.1]heptane, 2-methoxy...	168	C11H20O	004443-51-0	72
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	64
5	Bicyclo[3.2.1]oct-3-en-2-one, 4-...	136	C9H12O	062702-89-0	59





Library Search Compound Report

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ClientSampleId : MH-C05-SETTLED-1H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

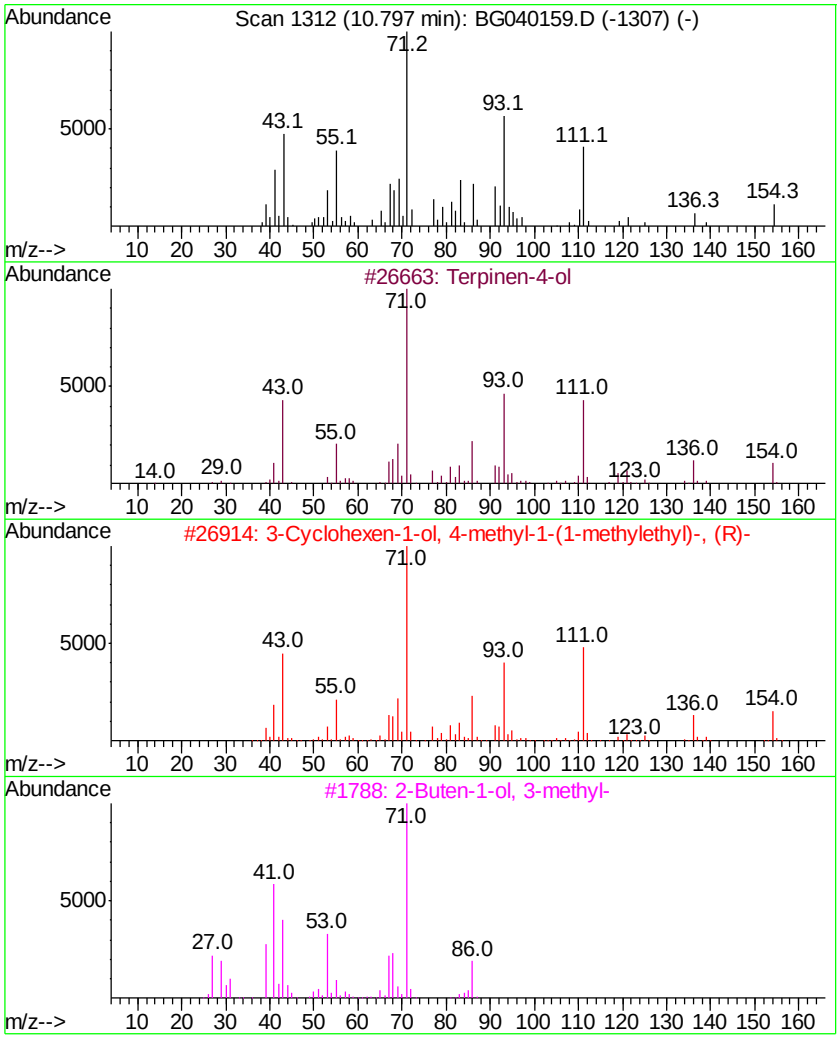
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

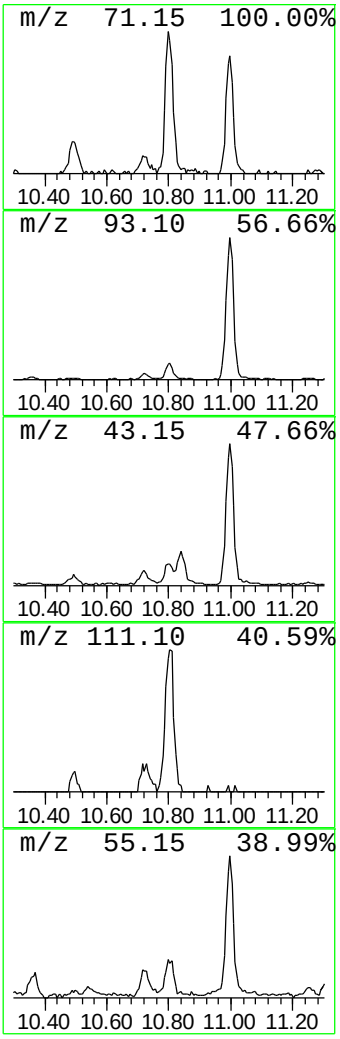
****

Peak Number 12 Terpinen-4-ol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	5.96 ng	114967	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terpinen-4-ol	154	C10H18O	000562-74-3	95
2	3-Cyclohexen-1-ol, 4-methyl-1-(1...	154	C10H18O	020126-76-5	76
3	2-Buten-1-ol, 3-methyl-	86	C5H10O	000556-82-1	43
4	5-Hepten-3-one, 5-ethyl-2-methyl-	154	C10H18O	049833-97-8	38
5	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	25





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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

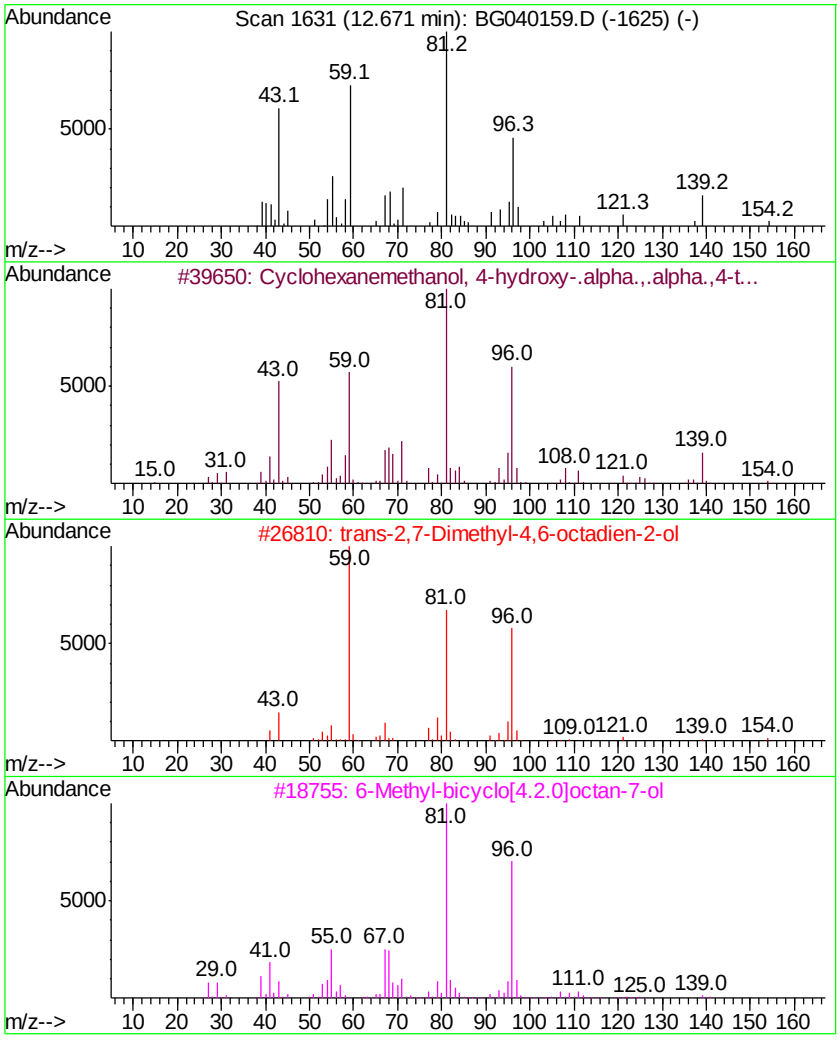
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

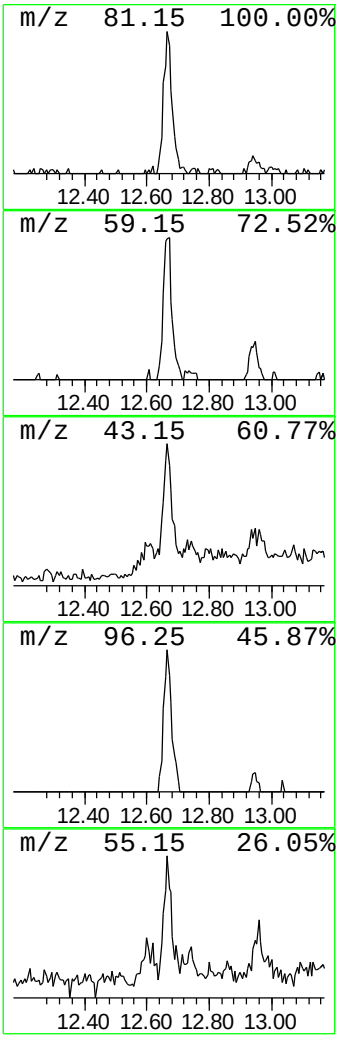
****

Peak Number 13 Cyclohexanemethanol, 4-hydr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	4.25 ng	82051	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, 4-hydroxy-....	172	C10H20O2	000080-53-5	80
2	trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	50
3	6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	47
4	cis-2-Methylcyclohexanol, triflu...	210	C9H13F3O2	1000364-12-3	43
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	38





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Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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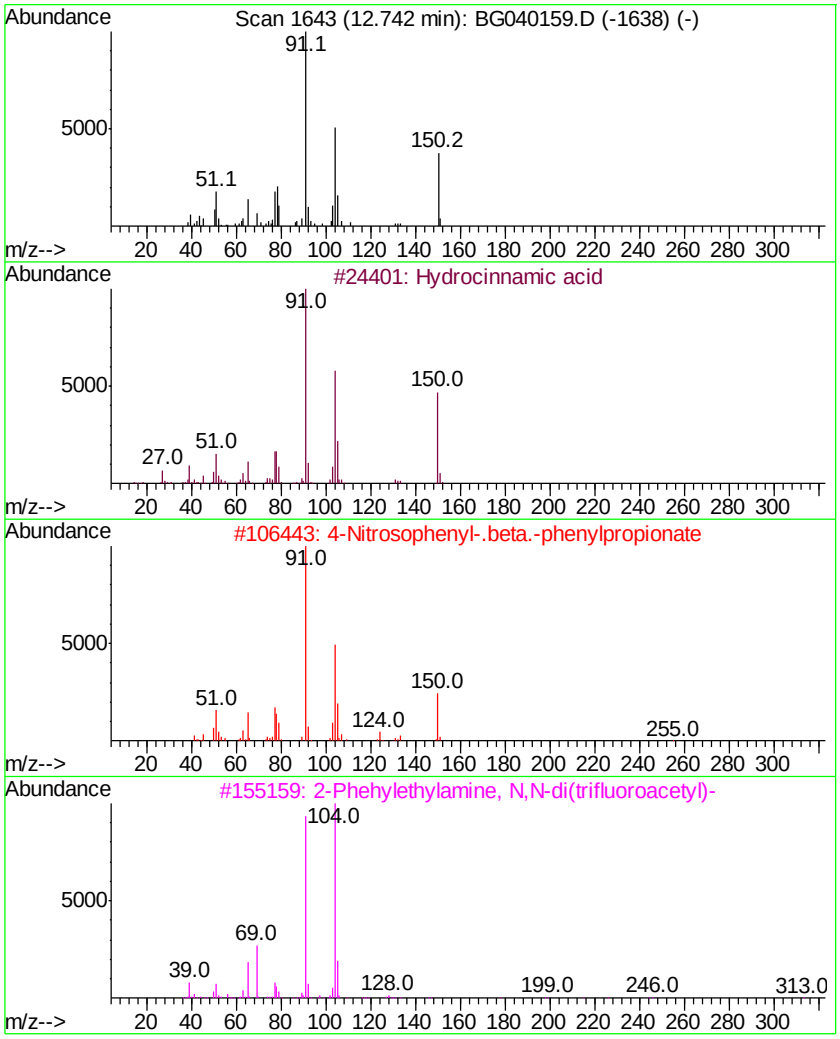
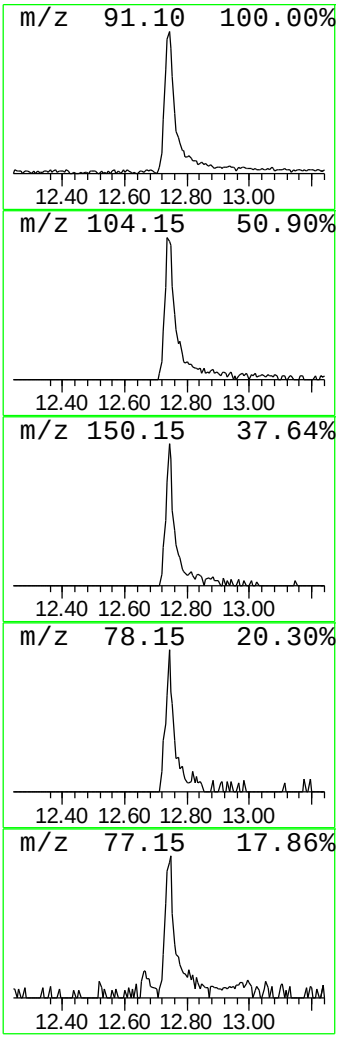
****

Peak Number 14 Hydrocinnamic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	5.92 ng	114282	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	94
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	72
3	2-Phehylethylamine, N,N-di(trifl...	313	C12H9F6NO2	1000328-32-5	50
4	2-Bromopropionic acid, 2-phenyle...	256	C11H13BrO2	043216-34-8	47
5	2-Phenethyl-.beta.-phenylpropionate	254	C17H18O2	028049-10-7	43





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Sample : K2099-04
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ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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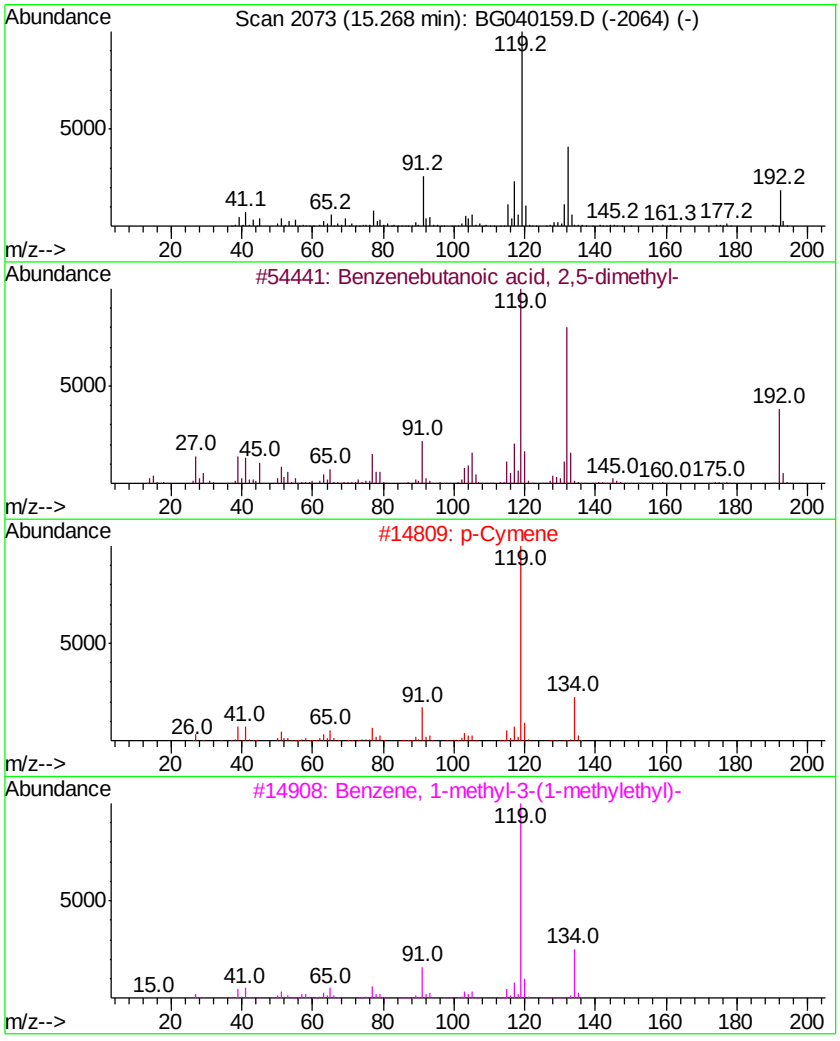
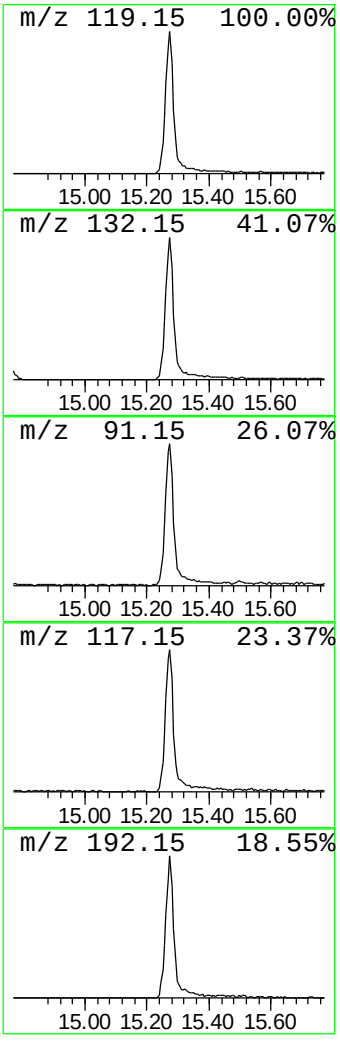
Peak Number 15 Benzenebutanoic acid, 2,5-d... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	29.82 ng	798578	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenebutanoic acid, 2,5-dimethyl-	192	C12H16O2	001453-06-1	58
2	p-Cymene	134	C10H14	000099-87-6	43
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	43
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	38
5	Ethyl 1,3-dithiane-2-carboxylate	192	C7H12O2S2	020462-00-4	38





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Misc :
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Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

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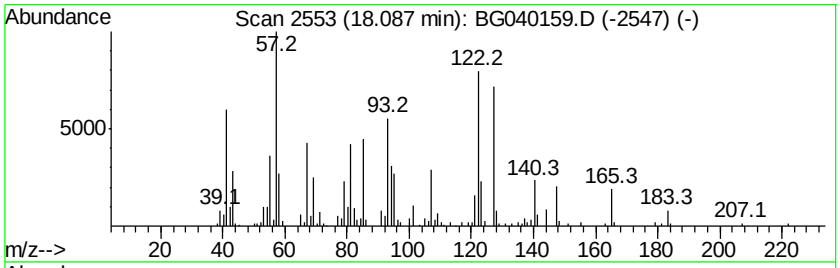
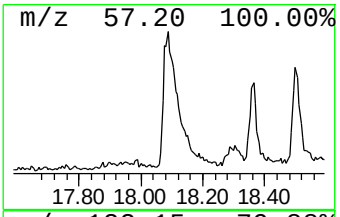
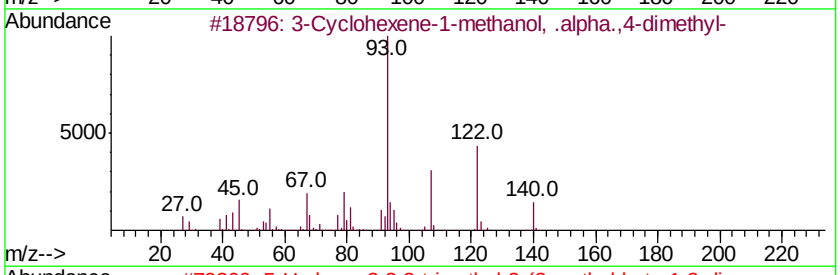
Peak Number 16 unknown18.09 Concentration Rank 6

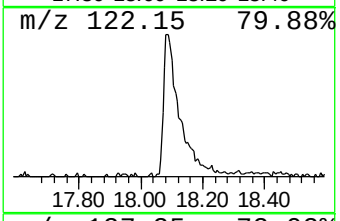
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	13.85 ng	460857	Phenanthrene-d10	17.51

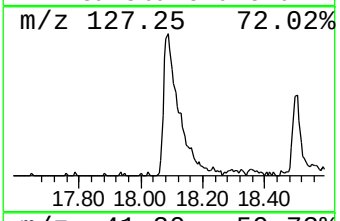
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Cyclohexene-1-methanol, .alpha...	140	C9H16O	055511-67-6	35
2	5-Hydroxy-2,3,3-trimethyl-2-(3-m...	222	C14H22O2	1000189-10-4	32
3	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	30
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	22
5	4-Pyridinamine, 2,6-dimethyl-	122	C7H10N2	003512-80-9	22

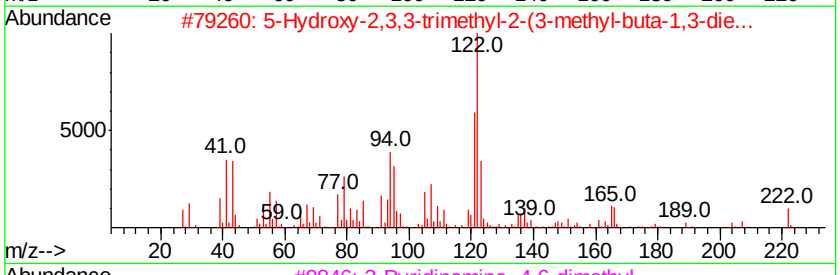


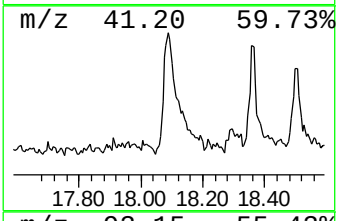


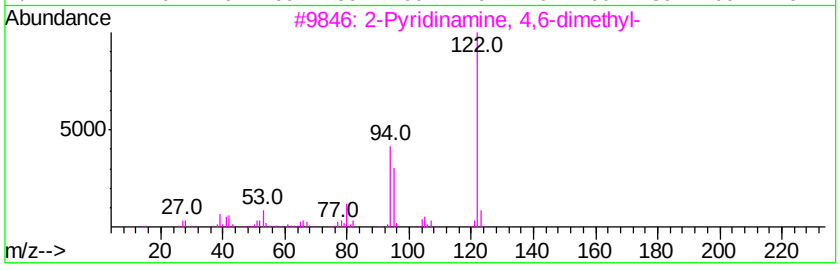


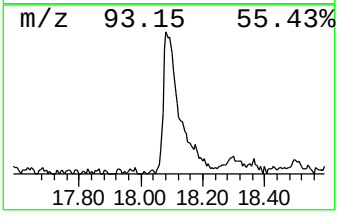












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ALS Vial : 13 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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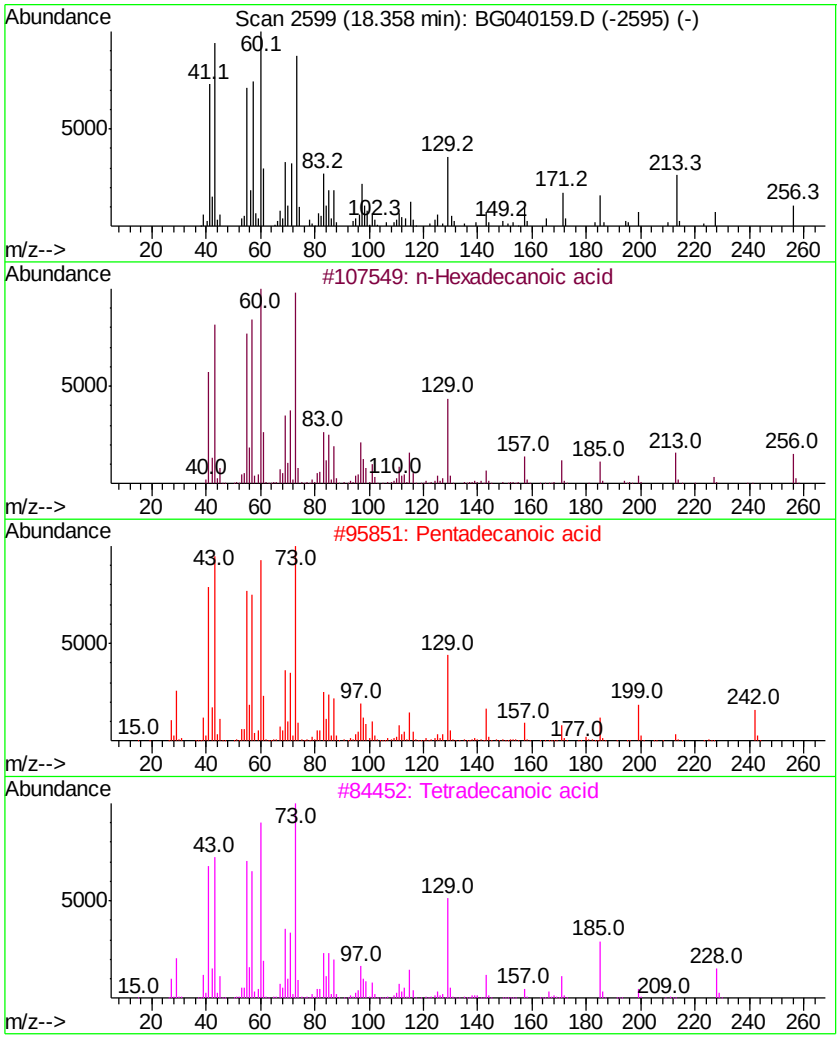
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

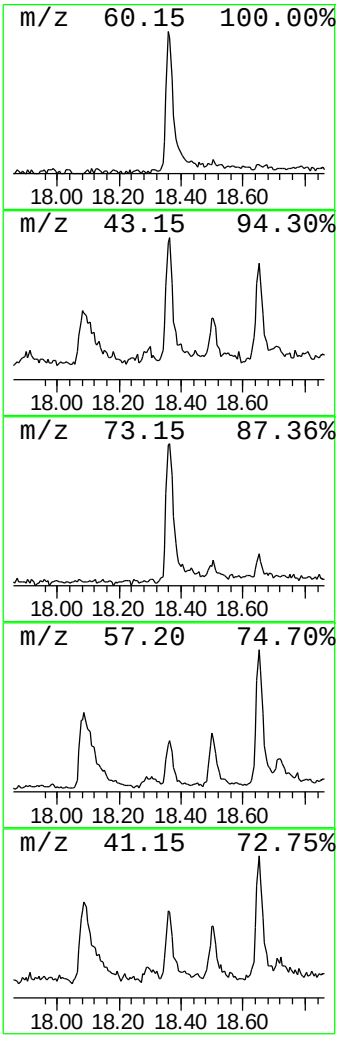
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	4.74 ng	157775	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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TIC Integration Parameters: LSCINT.P

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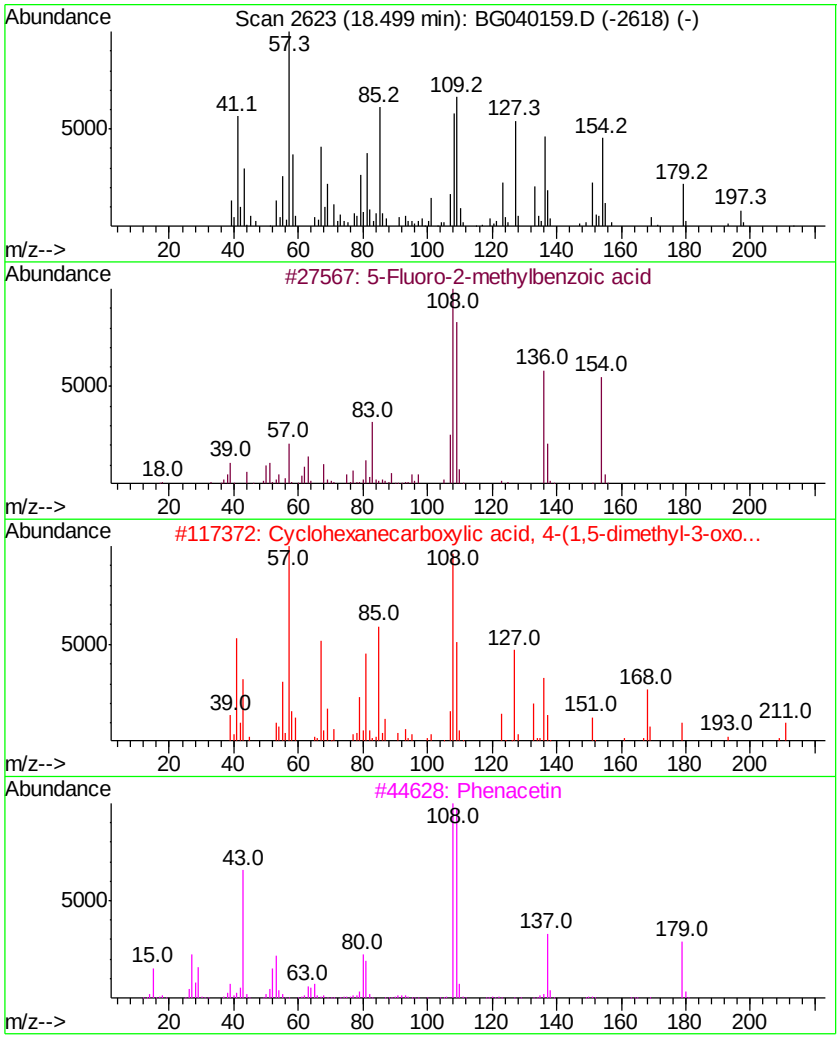
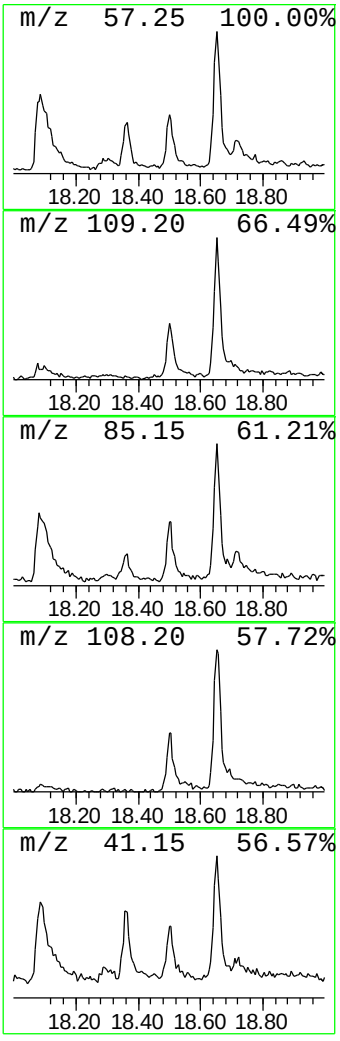
Peak Number 18 5-Fluoro-2-methylbenzoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	5.40 ng	179553	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	50
2	Cyclohexanecarboxylic acid, 4-(1...	268	C16H28O3	017904-29-9	40
3	Phenacetin	179	C10H13NO2	000062-44-2	18
4	Cyclopentanecarboxylic acid, 3,3...	210	C13H22O2	087753-77-3	16
5	1H-Pyrazole-4-carboxylic acid, 3...	127	C4H5N3O2	041680-34-6	11





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ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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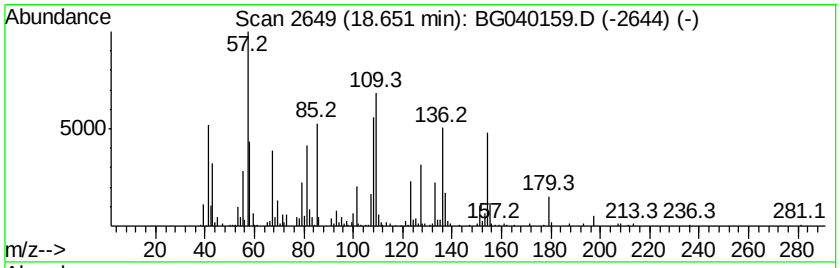
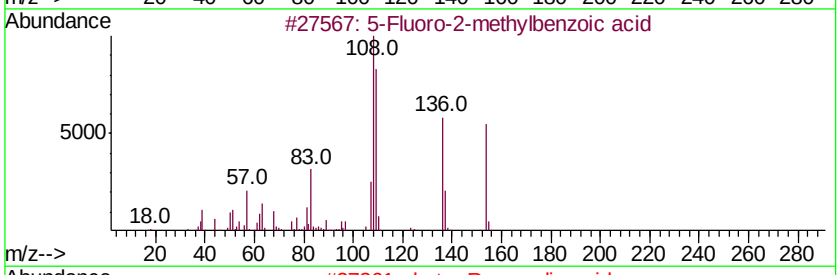
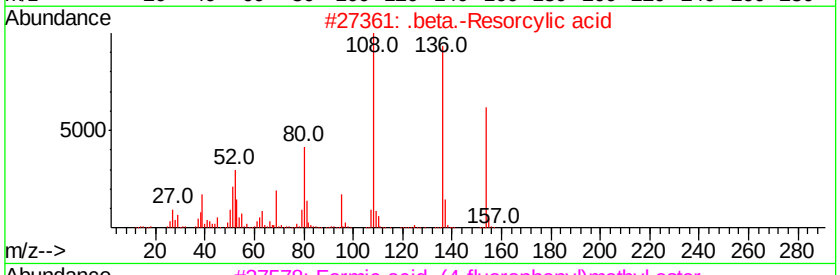
Peak Number 19 unknown18.65 Concentration Rank 7

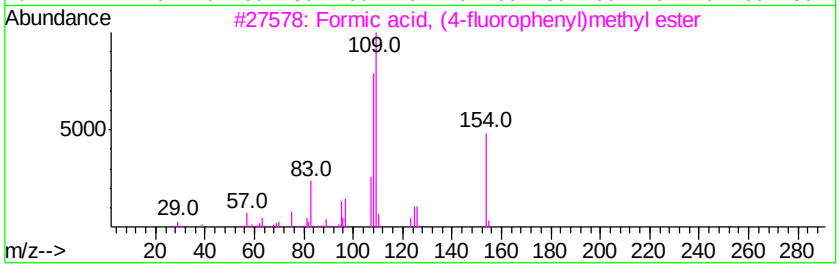
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.65	10.79 ng	359071	Phenanthrene-d10	17.51

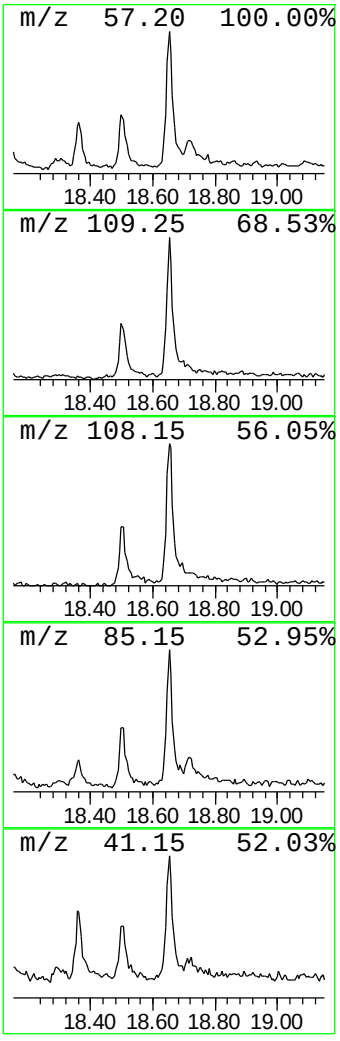
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-methylbenzoic acid	154	C8H7FO2	033184-16-6	50
2	.beta.-Resorcylic acid	154	C7H6O4	000089-86-1	30
3	Formic acid, (4-fluorophenyl)met...	154	C8H7FO2	1000368-72-9	27
4	Formic acid, (2-fluorophenyl)met...	154	C8H7FO2	1000368-73-6	25
5	Phenacetin	179	C10H13NO2	000062-44-2	15











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

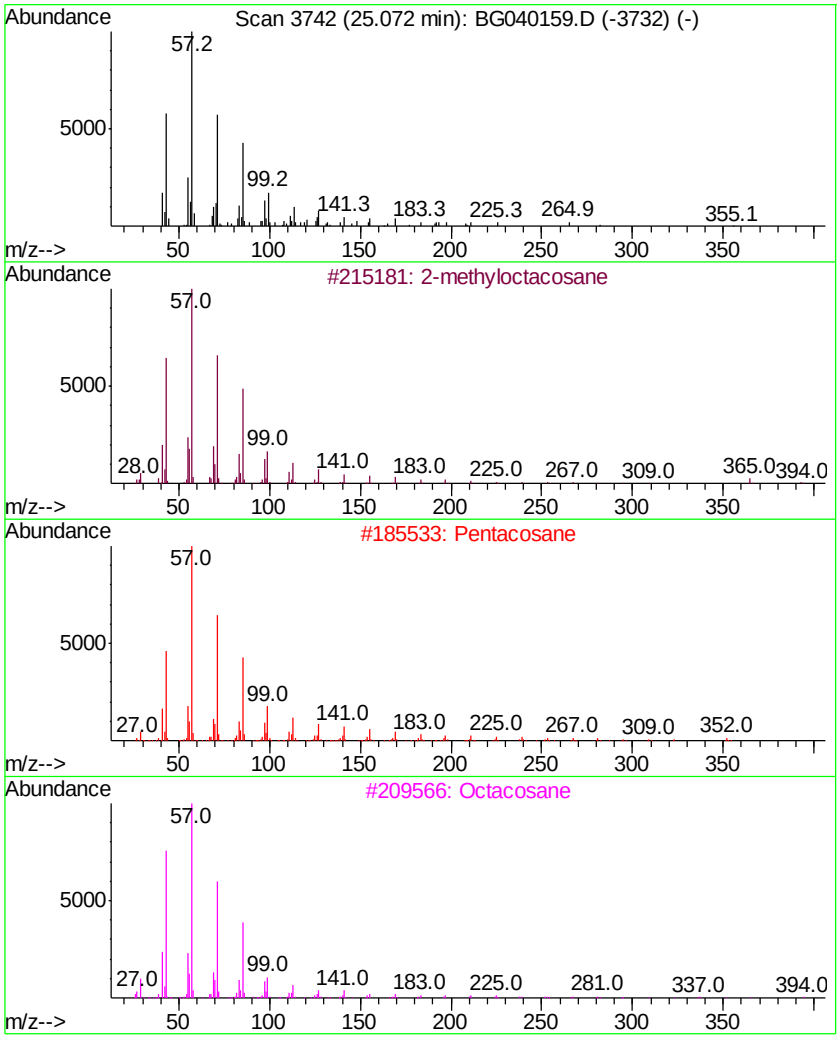
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

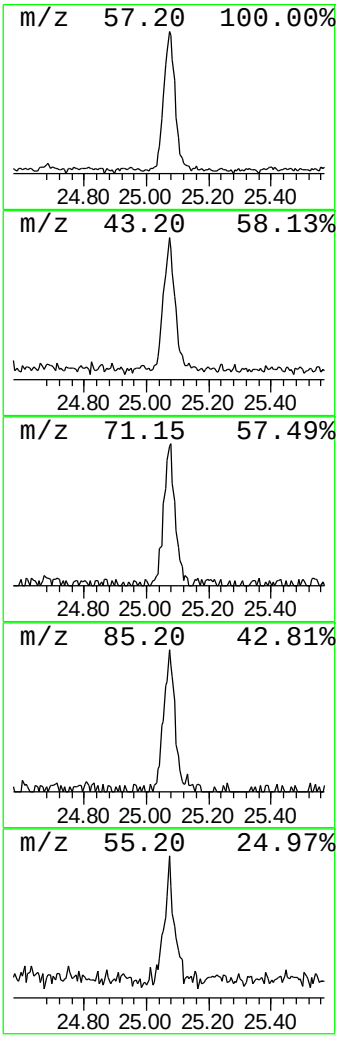
****

Peak Number 20 2-methyloctacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	3.38 ng	120885	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032619\
Data File : BG040159.D
Acq On : 26 Mar 2019 22:58
Operator : JU/SJ
Sample : K2099-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-C05-SETTLED-1H-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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...	3.27	62.0	ng	889481	1	8.14	287085	20.0
unknown5.22	5.22	3.1	ng	44533	1	8.14	287085	20.0
.alpha.-Pinene	6.80	3.1	ng	43957	1	8.14	287085	20.0
unknown7.67	7.67	59.1	ng	847988	1	8.14	287085	20.0
Ethanol, 2-(2-eth...	7.71	6.0	ng	86433	1	8.14	287085	20.0
Bicyclo[2.2.1]hep...	9.38	3.0	ng	42821	1	8.14	287085	20.0
Bicyclo[2.2.1]hep...	9.85	4.8	ng	93702	2	10.96	386063	20.0
Bicyclo[2.2.1]hep...	10.36	3.1	ng	59821	2	10.96	386063	20.0
Bicyclo[2.2.1]hep...	10.72	6.4	ng	122885	2	10.96	386063	20.0
Terpinen-4-ol	10.80	6.0	ng	114967	2	10.96	386063	20.0
Cyclohexanemethan...	12.67	4.3	ng	82051	2	10.96	386063	20.0
Hydrocinnamic acid	12.74	5.9	ng	114282	2	10.96	386063	20.0
Benzenebutanoic a...	15.27	29.8	ng	798578	3	14.76	535618	20.0
unknown18.09	18.09	13.9	ng	460857	4	17.51	665610	20.0
n-Hexadecanoic acid	18.36	4.7	ng	157775	4	17.51	665610	20.0
5-Fluoro-2-methyl...	18.50	5.4	ng	179553	4	17.51	665610	20.0
unknown18.65	18.65	10.8	ng	359071	4	17.51	665610	20.0
2-methyloctacosane	25.07	3.4	ng	120885	6	25.15	714466	20.0