LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

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-BG032719.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	5.603	421	428	443	rBV	1414062	2320613	60.62%	8.525%
2	7.207	693	701	713	rBV	1472153	2576897	67.32%	9.466%
3	7.577	755	764	773	rBV	1446728	2499231	65.29%	9.181%
4	8.047	837	844	855	rVB	263736	450160	11.76%	1.654%
5	8.370	891	899	908	rBV	1065657	1862078	48.65%	6.840%
6	9.222	1036	1044	1056	rBV	869505	1602912	41.88%	5.888%
7	10.862	1315	1323	1339	rBV	324268	624841	16.32%	2.295%
8	13.300	1730	1738	1747	rBV	2203638	3423831	89.45%	12.578%
9	14.123	1873	1878	1887	rBV	208329	335395	8.76%	1.232%
10	14.399	1921	1925	1929	rBV2	90037	136295	3.56%	0.501%
11	14.440	1929	1932	1936	rVB3	48899	61828	1.62%	0.227%
12	14.569	1946	1954	1957	rBV8	42792	118419	3.09%	0.435%
13	14.681	1967	1973	1978	rVB2	464951	773394	20.20%	2.841%
14	14.734	1978	1982	1991	rBV3	110559	225045	5.88%	0.827%
15	15.445	2099	2103	2110	rVB4	88554	142892	3.73%	0.525%
16	15.544	2114	2120	2128	rVV4	203749	436092	11.39%	1.602%
17	16.167	2220	2226	2233	rBV	1544664	2454499	64.12%	9.017%
18	17.425	2436	2440	2445	rBV2	531473	782046	20.43%	2.873%
19	18.288	2585	2587	2591	rBV2	191686	246548	6.44%	0.906%
20	20.027	2878	2883	2888	rVB	2881271	3827833	100.00%	14.062%
21	21.308	3098	3101	3108	rVB3	197198	302007	7.89%	1.109%
22	21.702	3162	3168	3173	rVB	576505	1017097	26.57%	3.736%
23	24.980	3719	3726	3736	rVB3	347323	1001643	26.17%	3.680%

Sum of corrected areas: 27221596

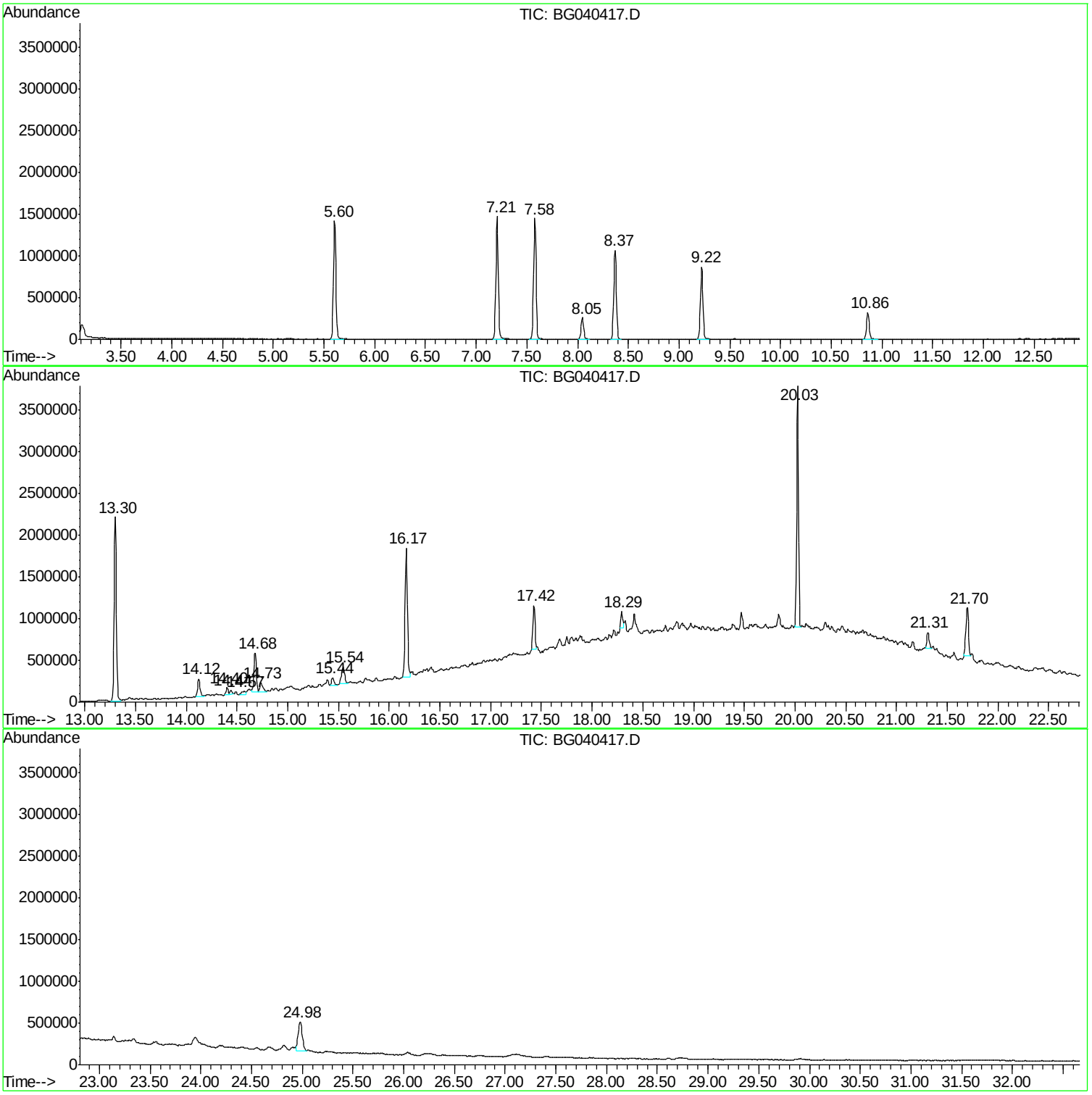
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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\BG041019\
Data File : BG040417.D
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Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

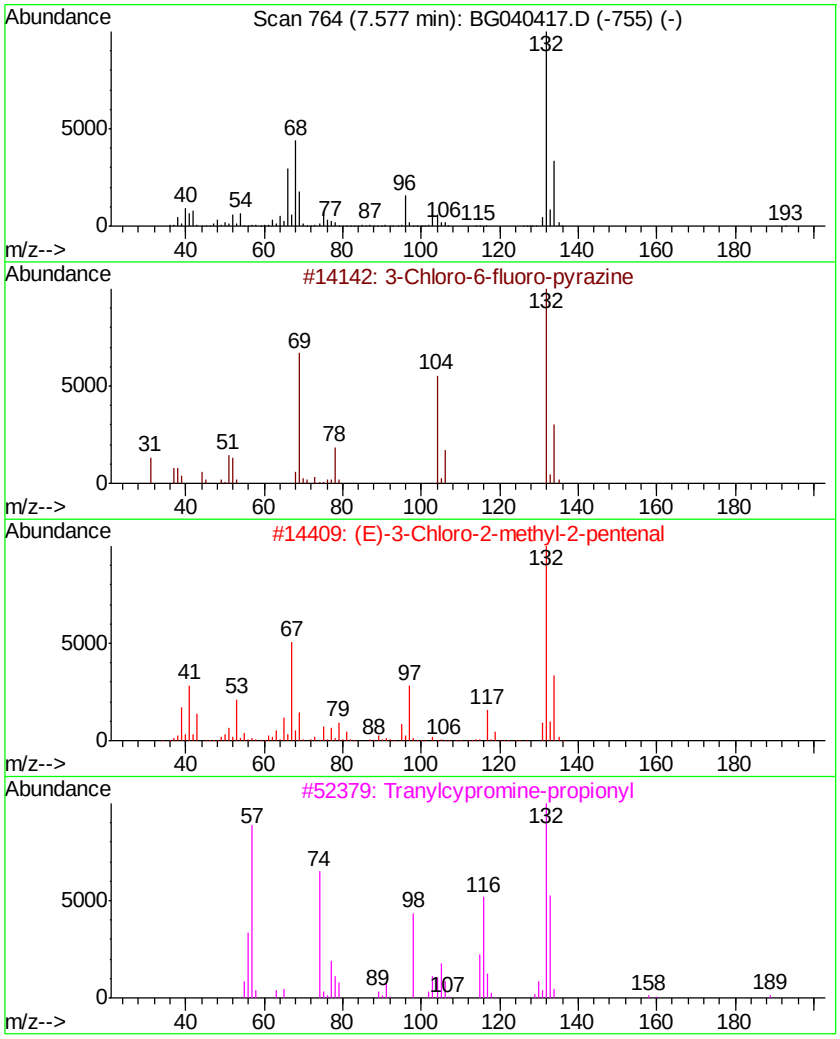
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

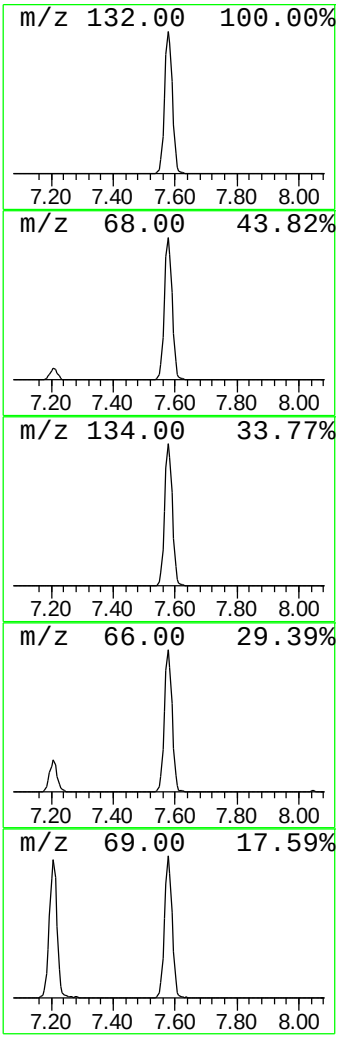
****

Peak Number 1 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	111.04 ng	2499230	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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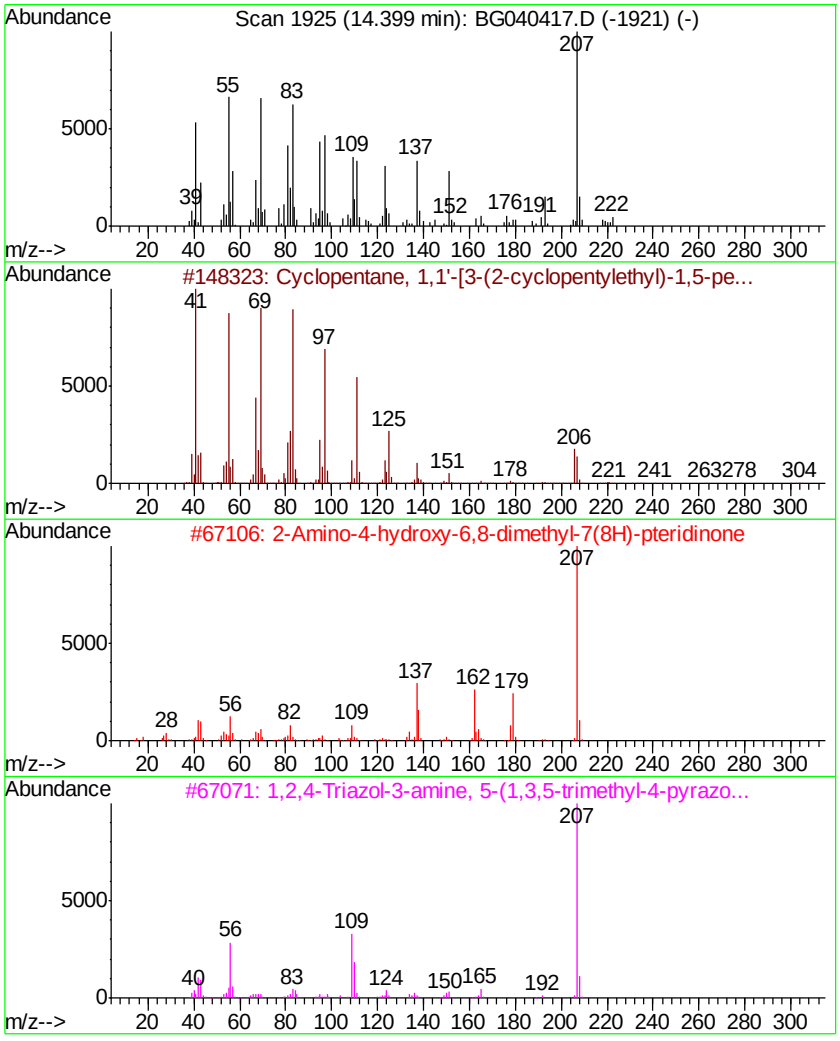
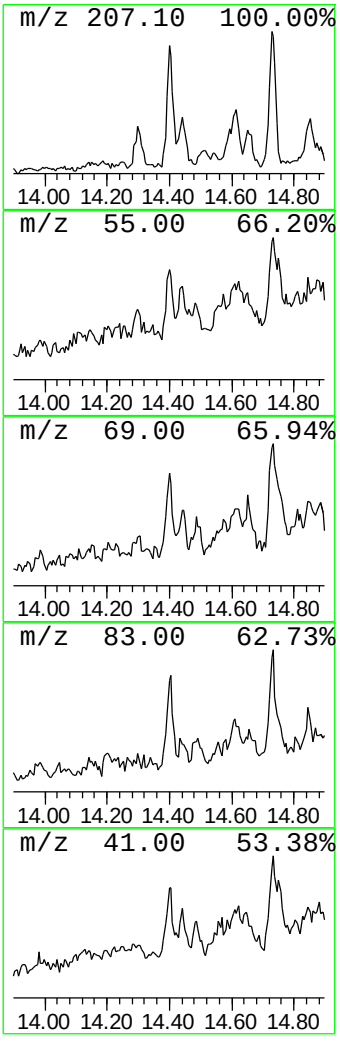
****

Peak Number 3 unknown14.40 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	3.52 ng	136295	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-[3-(2-cyclope...	304	C22H40	055255-85-1	30
2	2-Amino-4-hydroxy-6,8-dimethyl-7...	207	C8H9N5O2	025477-64-9	25
3	1,2,4-Triazol-3-amine, 5-(1,3,5-...	207	C8H13N7	1000264-16-7	25
4	Decane, 5,6-bis(2,2-dimethylprop...	278	C20H38	073002-85-4	22
5	Trimethyl(4-tert-butylphenoxy)si...	222	C13H22OSi	025237-79-0	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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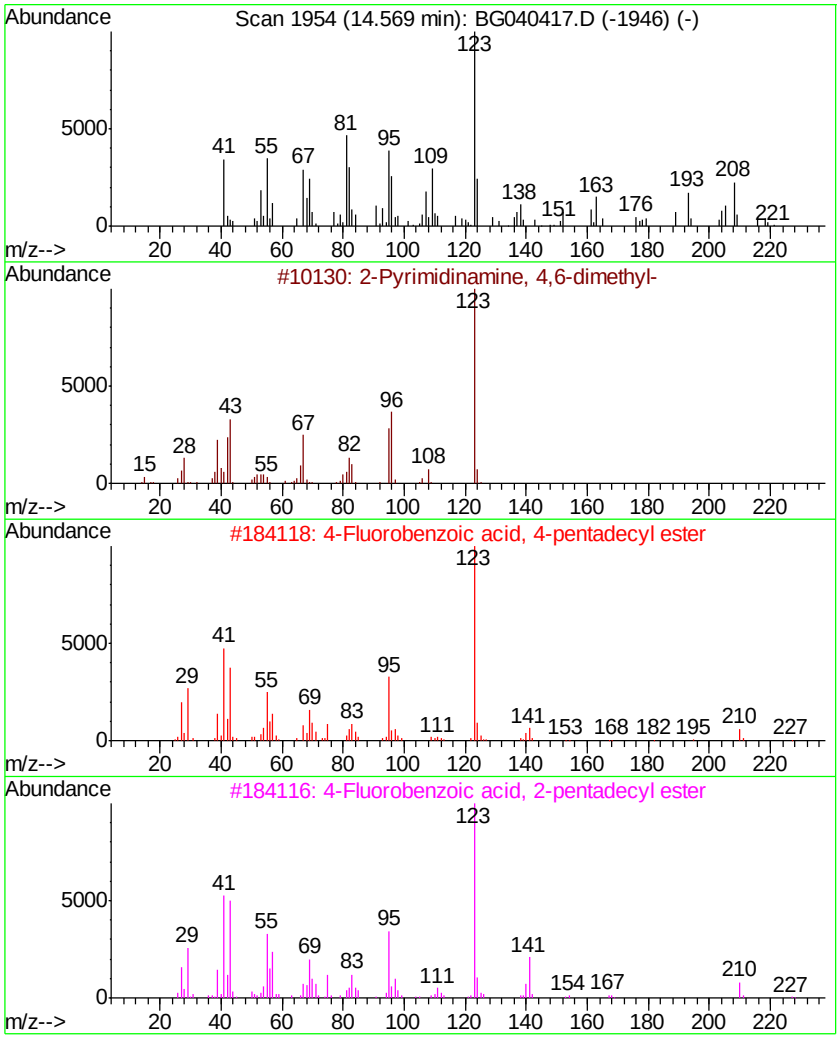
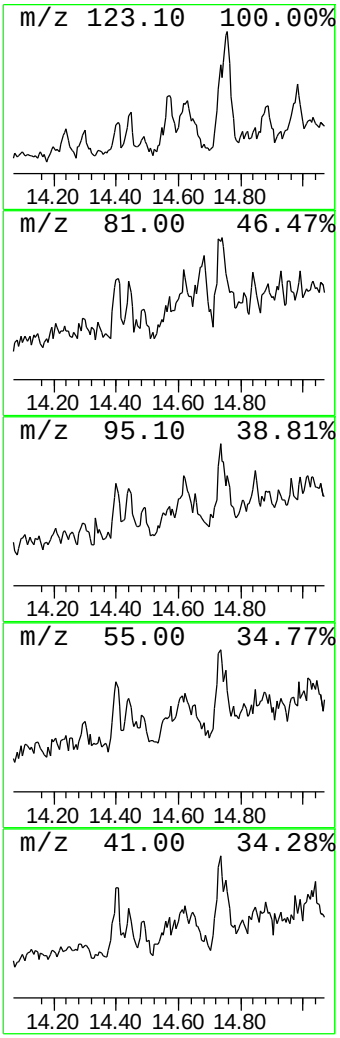
Peak Number 4 unknown14.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	3.06 ng	118419	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	43
2	4-Fluorobenzoic acid, 4-pentadec...	350	C22H35FO2	1000280-68-5	43
3	4-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-68-3	43
4	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	38
5	4-Fluorobenzoic acid, morpholide	209	C11H12FNO2	1000307-09-9	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

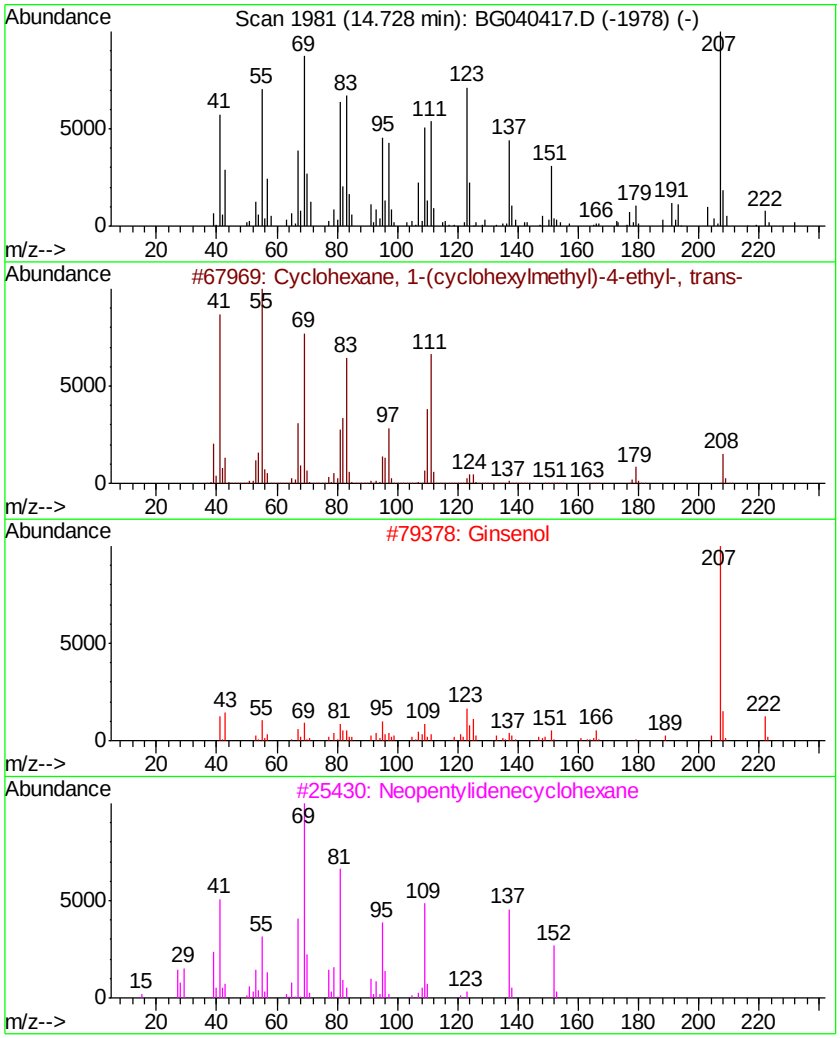
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

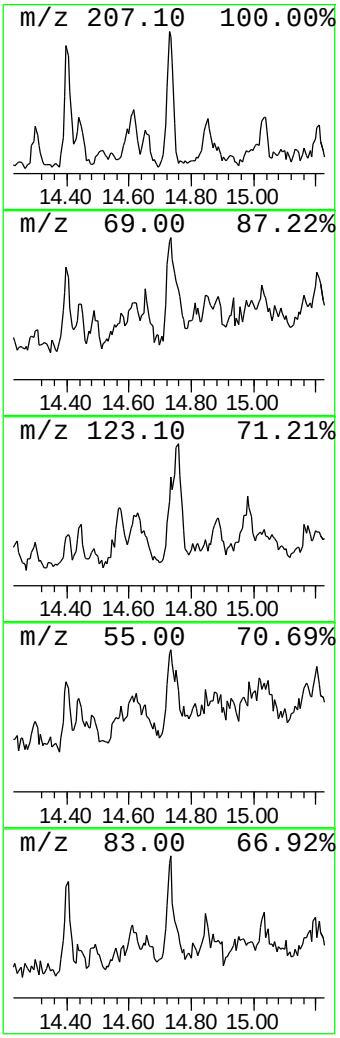
****

Peak Number 5 unknown14.73 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	5.82 ng	225045	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-94-0	47
2	Ginsenol	222	C15H26O	117591-80-7	43
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	22
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	15
5	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-95-1	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

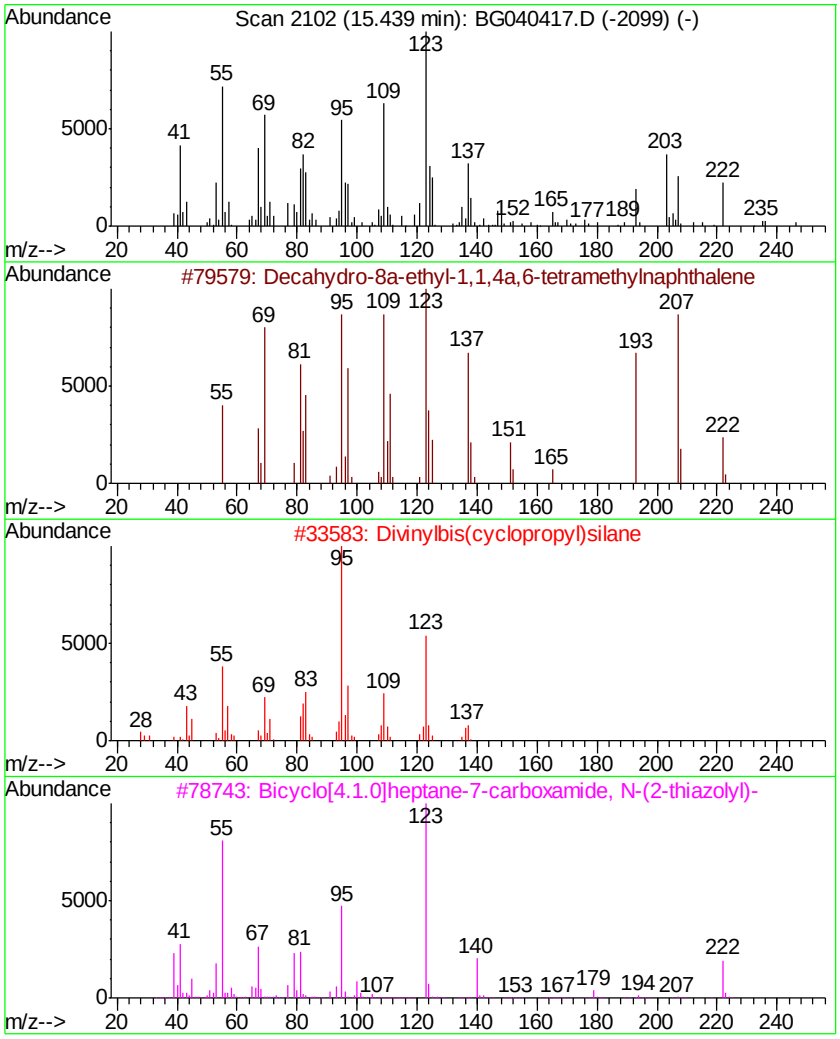
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

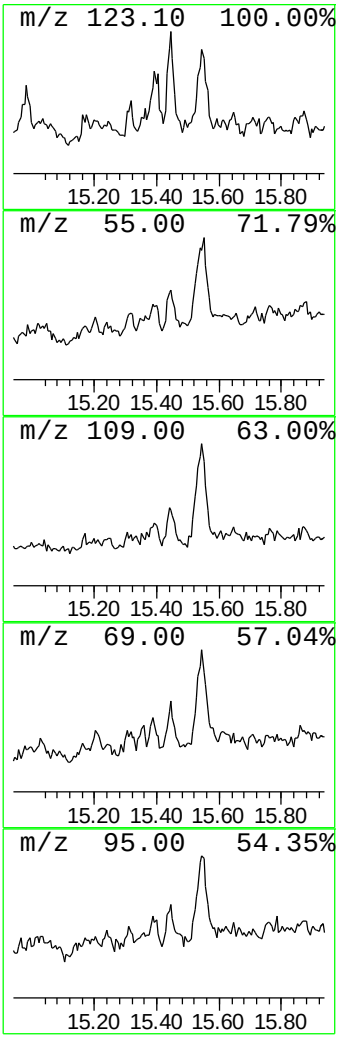
****

Peak Number 6 Decahydro-8a-ethyl-1,1,4a,6... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.70 ng	142892	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	64
2	Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	47
3	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	43
4	Benzoic acid, 4-fluoro-, N'-[(5,...	248	C13H13FN2O2	1000350-57-6	35
5	Ethanone, 1-(3-fluorophenyl)-	138	C8H7FO	000455-36-7	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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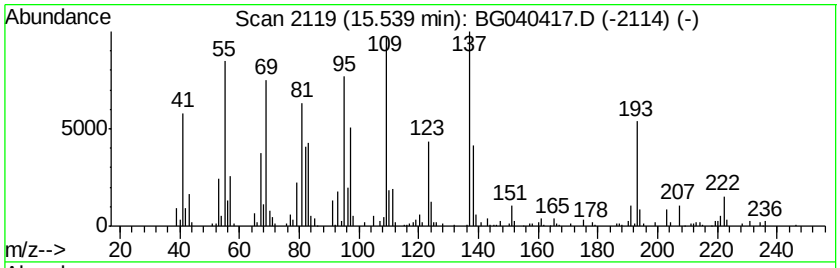
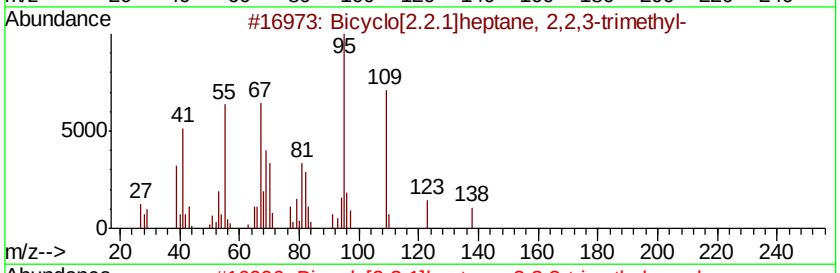
****

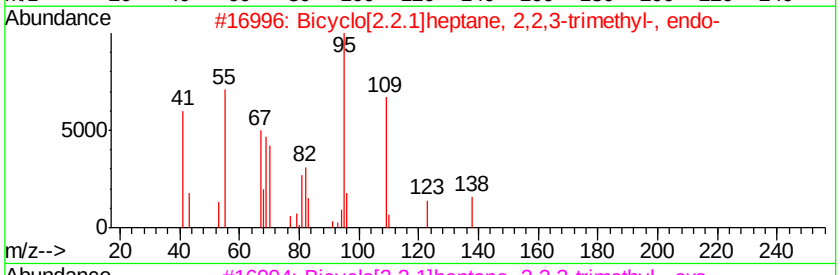
Peak Number 7 unknown15.54 Concentration Rank 3

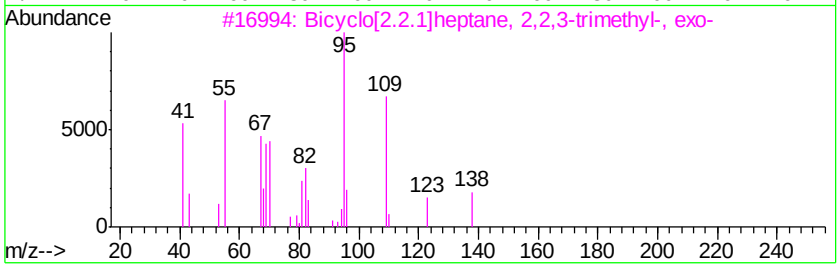
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	11.28 ng	436092	Acenaphthene-d10	14.67

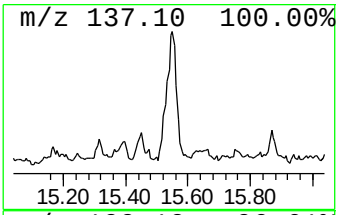
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	35
2	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	22
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	22
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	15
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	15

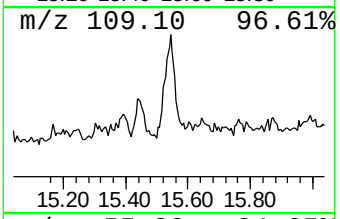


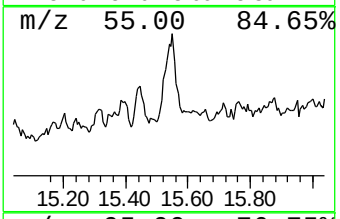


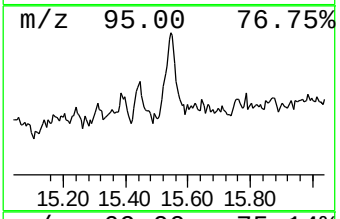


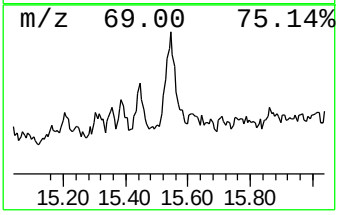












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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

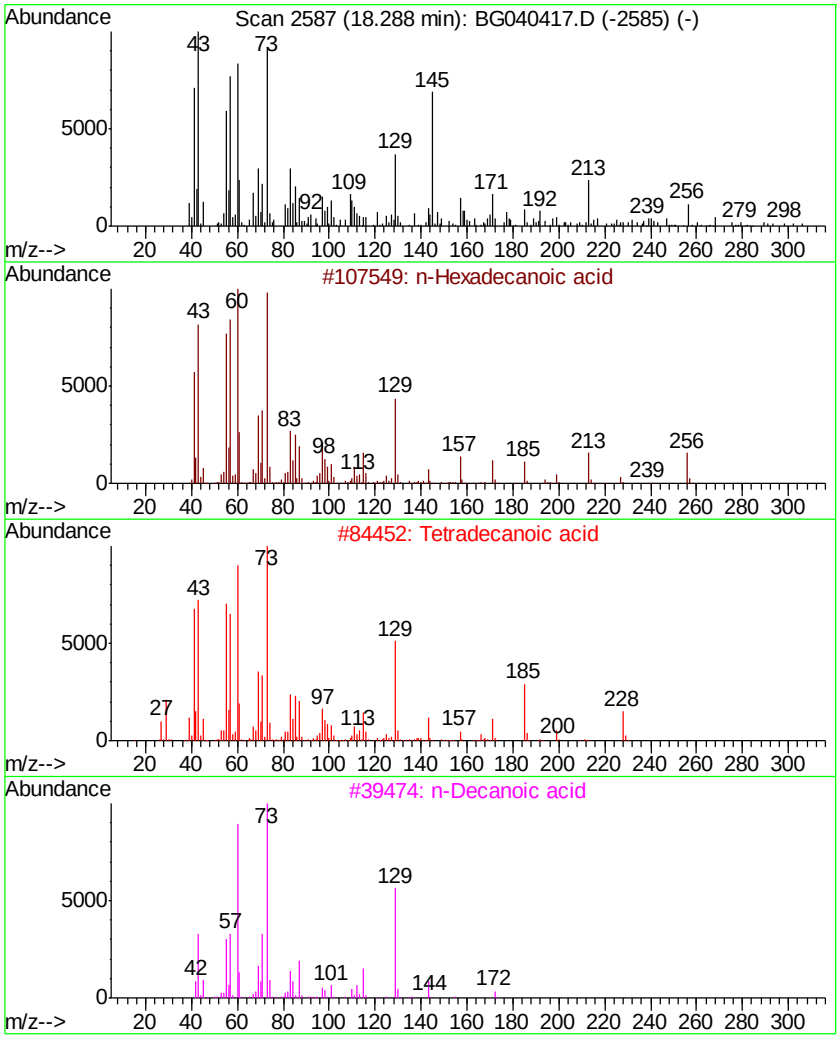
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

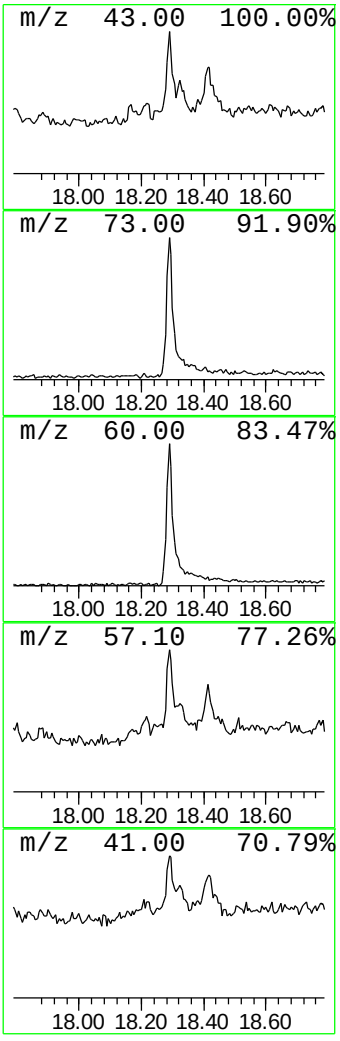
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	6.31 ng	246548	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





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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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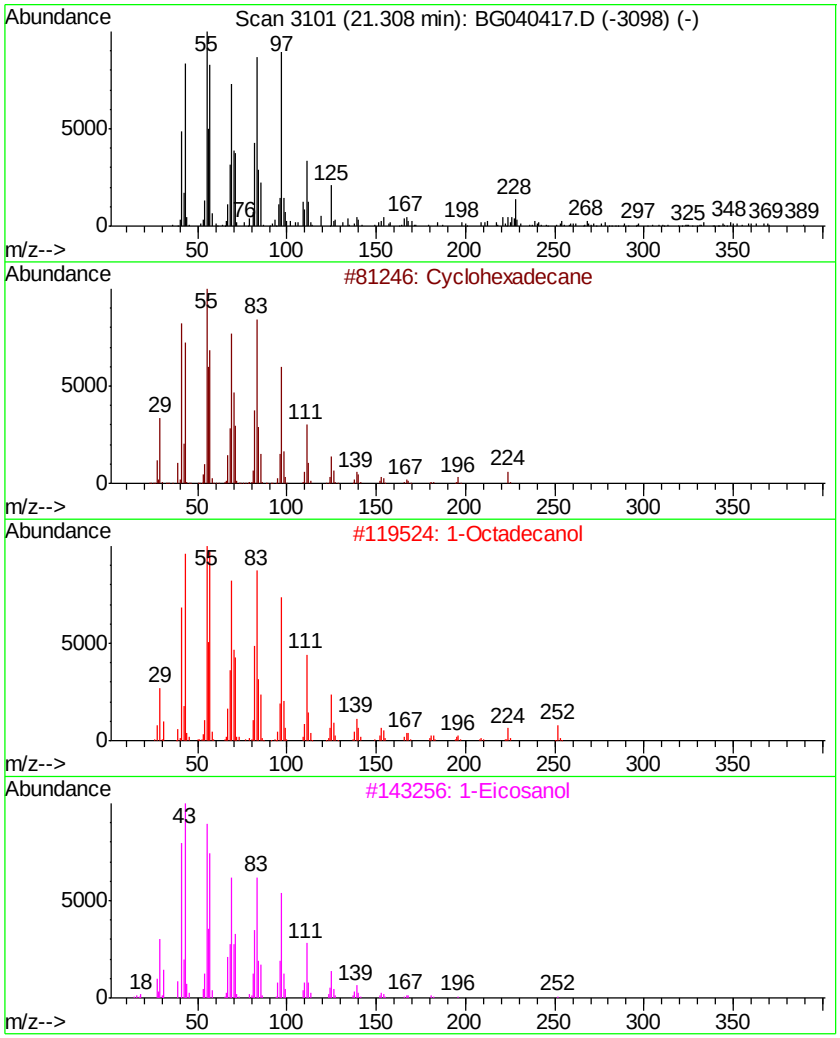
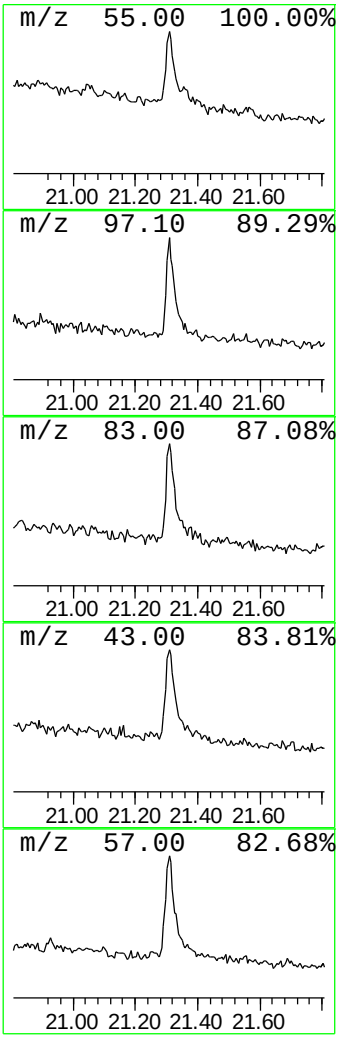
****

Peak Number 9 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	5.94 ng	302007	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	1-Eicosanol	298	C20H42O	000629-96-9	91
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041019\
Data File : BG040417.D
Acq On : 10 Apr 2019 16:18
Operator : JU/SJ
Sample : K2345-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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
unknown7.58	7.58	111.0	ng	2499230	1	8.05	450160	20.0
unknown14.40	14.40	3.5	ng	136295	3	14.67	773394	20.0
unknown14.57	14.57	3.1	ng	118419	3	14.67	773394	20.0
unknown14.73	14.73	5.8	ng	225045	3	14.67	773394	20.0
Decahydro-8a-ethy...	15.44	3.7	ng	142892	3	14.67	773394	20.0
unknown15.54	15.54	11.3	ng	436092	3	14.67	773394	20.0
n-Hexadecanoic acid	18.29	6.3	ng	246548	4	17.42	782046	20.0
Cyclohexadecane	21.31	5.9	ng	302007	5	21.70	1017100	20.0