LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

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-BG102119.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	3.167	8	13	26	rVB	159344	271172	10.75%	1.944%
2	5.112	338	344	351	rBV	115300	184646	7.32%	1.324%
3	5.606	420	428	440	rBV	560355	975231	38.66%	6.993%
4	7.215	693	702	722	rBV	577897	1115657	44.23%	8.000%
5	7.556	752	760	779	rBV	617975	1095476	43.43%	7.855%
6	8.009	830	837	845	rBV	108293	192989	7.65%	1.384%
7	8.332	885	892	901	rBV	483514	862509	34.19%	6.185%
8	9.172	1027	1035	1049	rBV	317864	644310	25.54%	4.620%
9	10.653	1280	1287	1294	rBV4	12171	35408	1.40%	0.254%
10	10.817	1306	1315	1325	rBV	117491	237499	9.42%	1.703%
11	13.261	1724	1731	1747	rBV	983720	1617640	64.13%	11.599%
12	14.090	1864	1872	1879	rBV	82650	137588	5.45%	0.987%
13	14.542	1943	1949	1958	rBV2	71773	117095	4.64%	0.840%
14	14.636	1958	1965	1978	rVV2	232203	383949	15.22%	2.753%
15	15.018	2025	2030	2037	rBV2	43893	69985	2.77%	0.502%
16	16.129	2210	2219	2233	rBV	860457	1473208	58.41%	10.563%
17	16.681	2307	2313	2317	rBV3	38436	56378	2.24%	0.404%
18	17.292	2412	2417	2426	rBV6	21208	49925	1.98%	0.358%
19	17.386	2426	2433	2442	rBV	290918	489582	19.41%	3.511%
20	17.503	2448	2453	2457	rVB3	43912	62313	2.47%	0.447%
21	17.568	2459	2464	2470	rVB5	63267	89386	3.54%	0.641%
22	18.279	2581	2585	2588	rBV5	24073	33826	1.34%	0.243%
23	18.561	2629	2633	2639	rBV4	23018	41352	1.64%	0.297%
24	19.190	2737	2740	2743	rBV3	26779	34073	1.35%	0.244%
25	19.995	2872	2877	2885	rVB	1854584	2522393	100.00%	18.087%
26	20.747	3001	3005	3009	rBV	527015	593744	23.54%	4.257%
27	21.651	3155	3159	3170	rVB2	298507	558882	22.16%	4.007%

Sum of corrected areas: 13946216

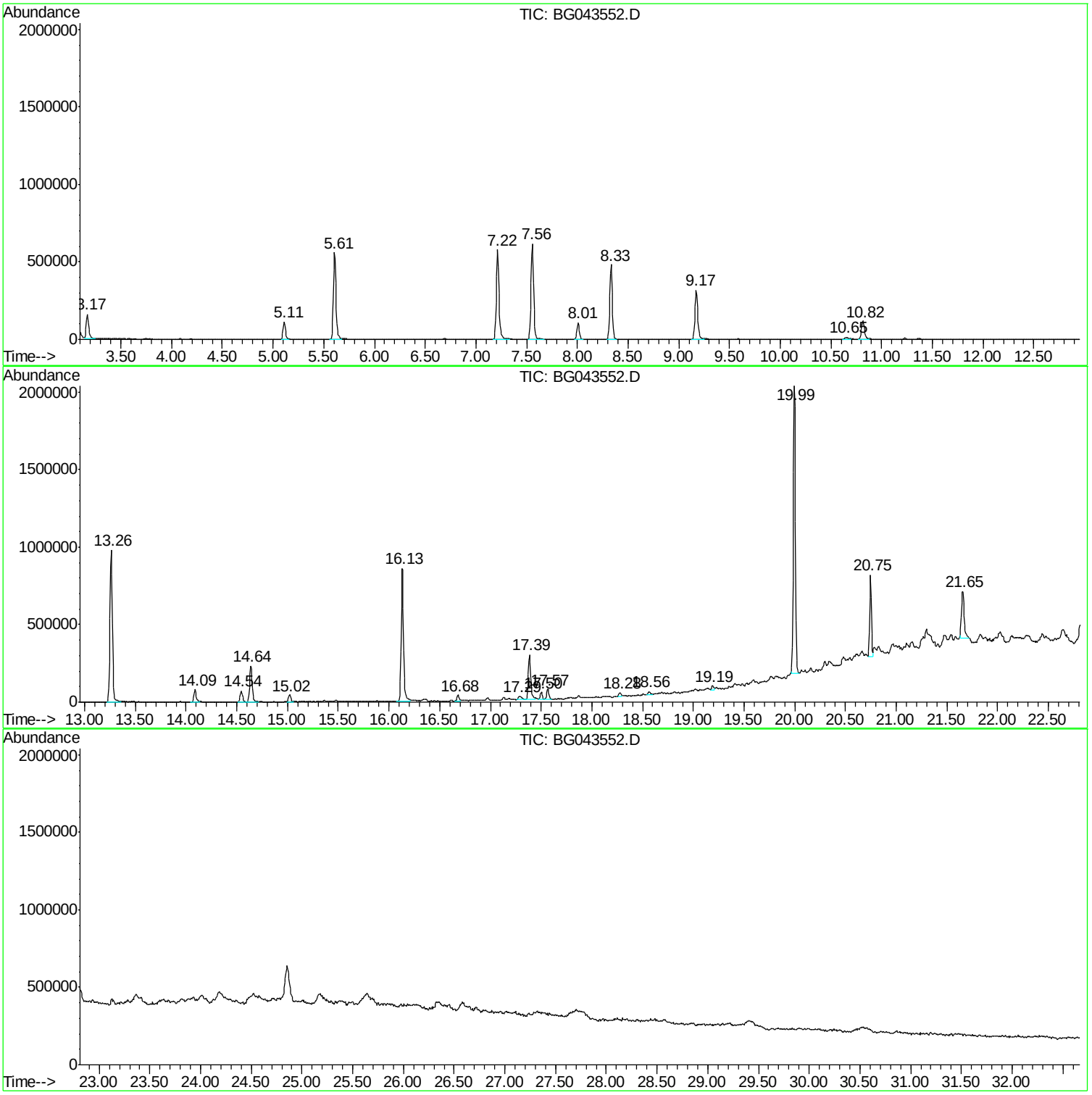
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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

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Data File : BG043552.D
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Operator : JU
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Instrument : BNA_G
ClientSampleId : 10-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

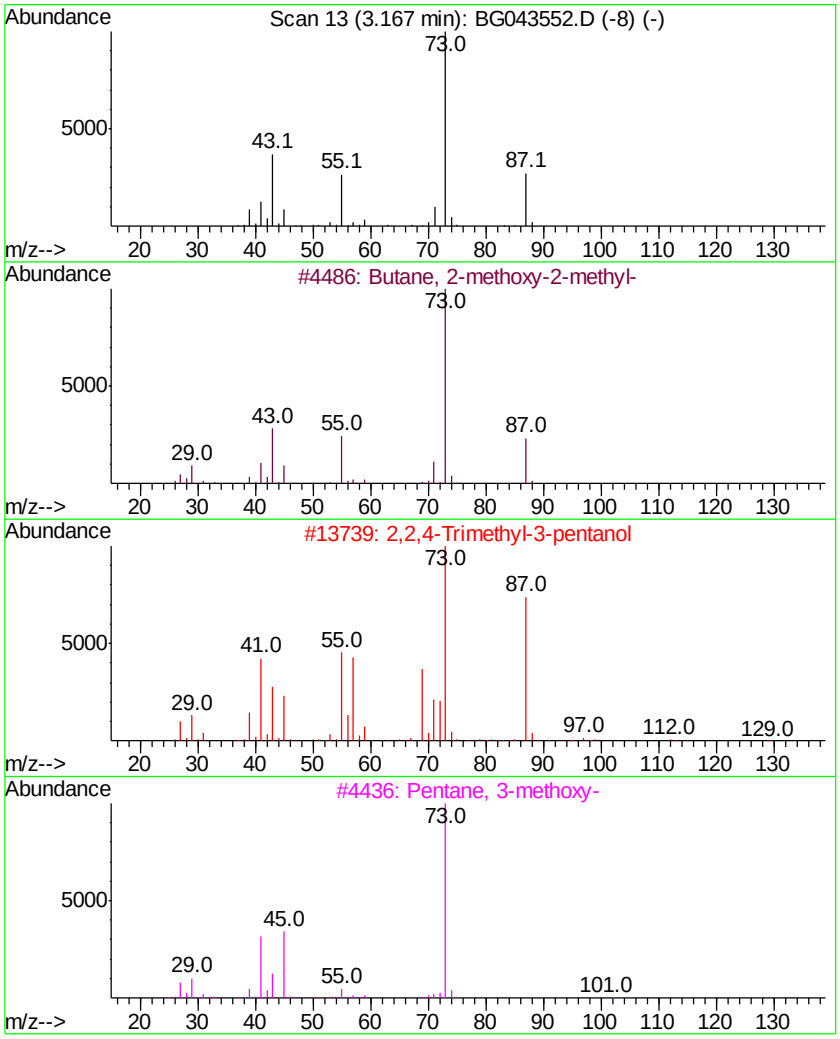
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

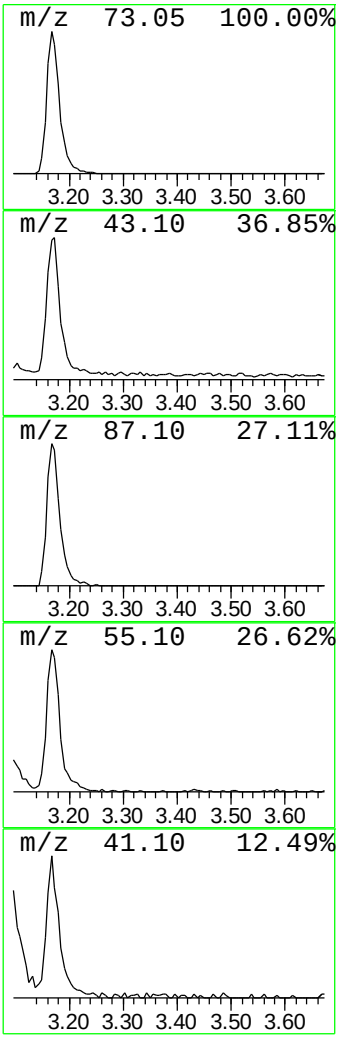
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	28.10 ng	271172	1,4-Dichlorobenzene-d4	8.00

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

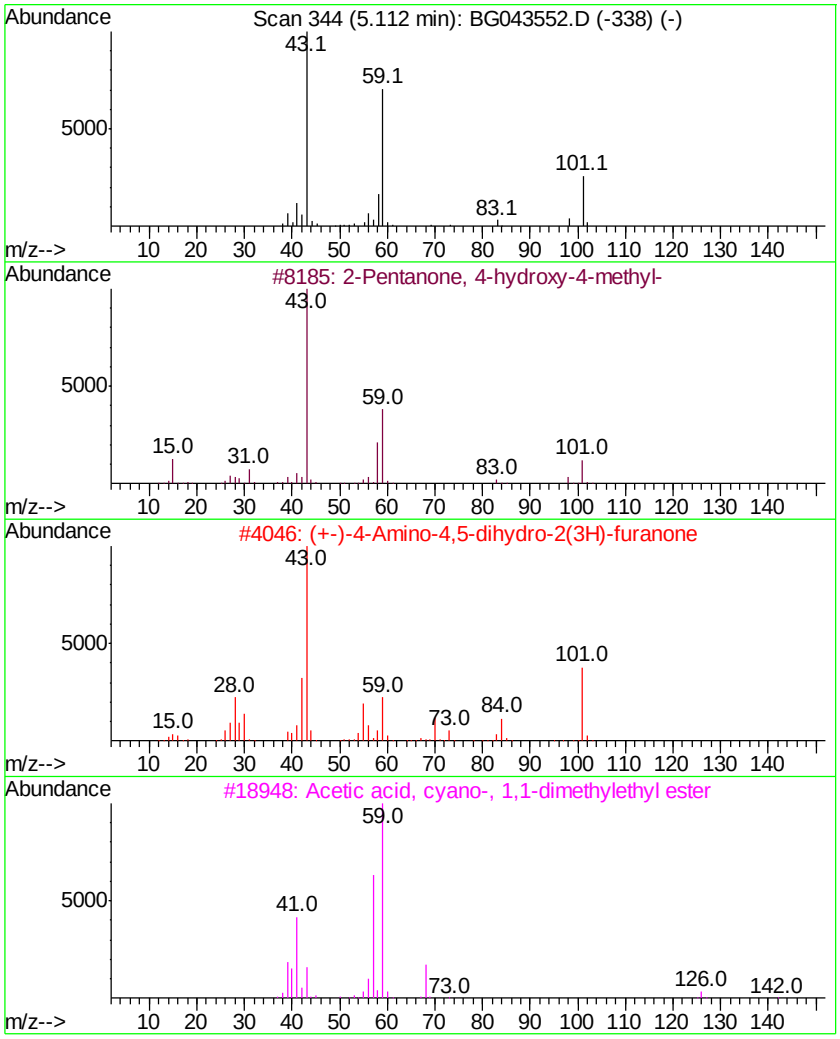
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

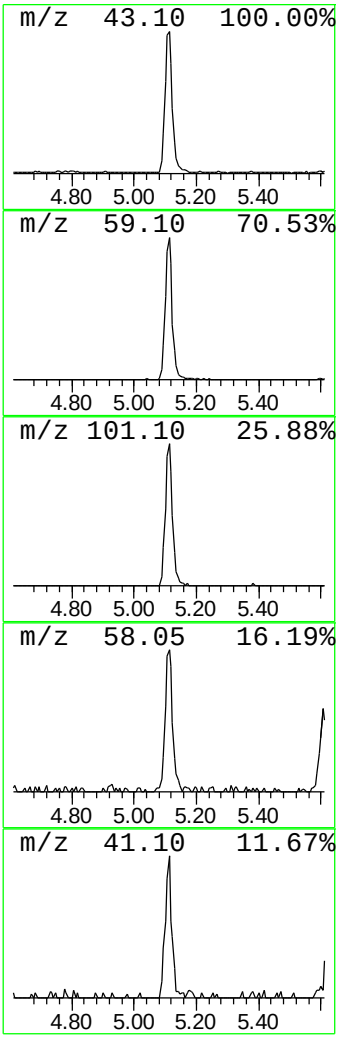
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	19.14 ng	184646	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

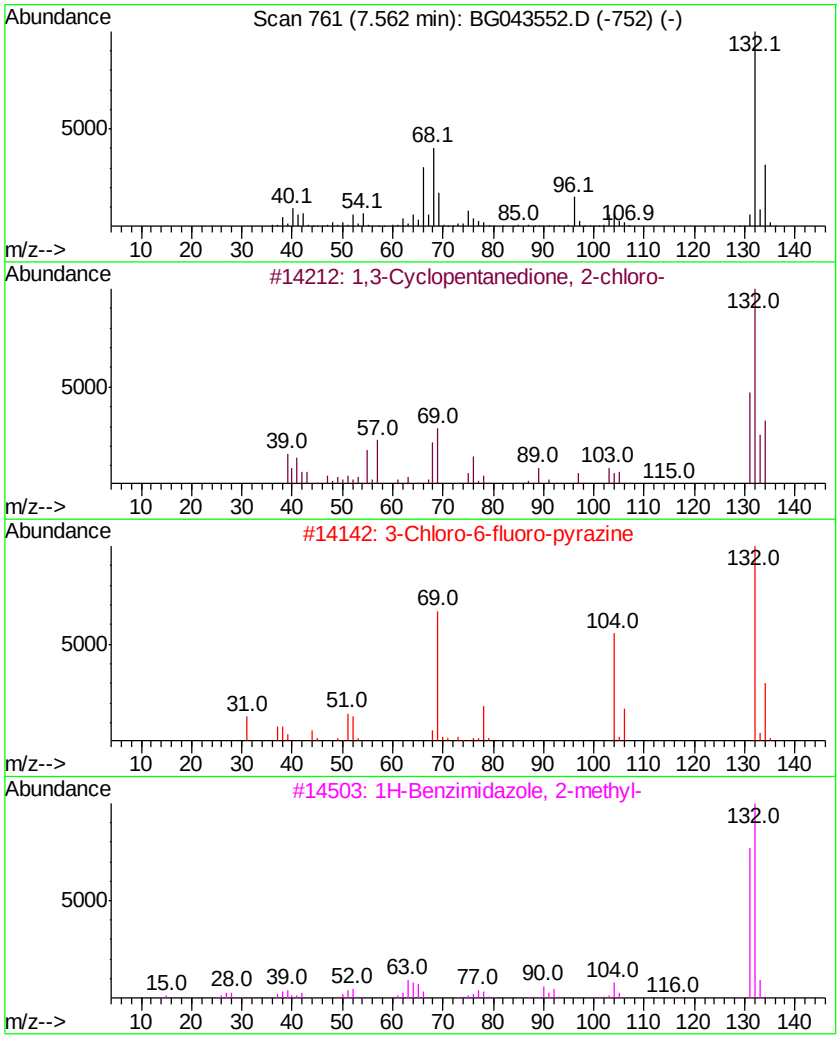
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

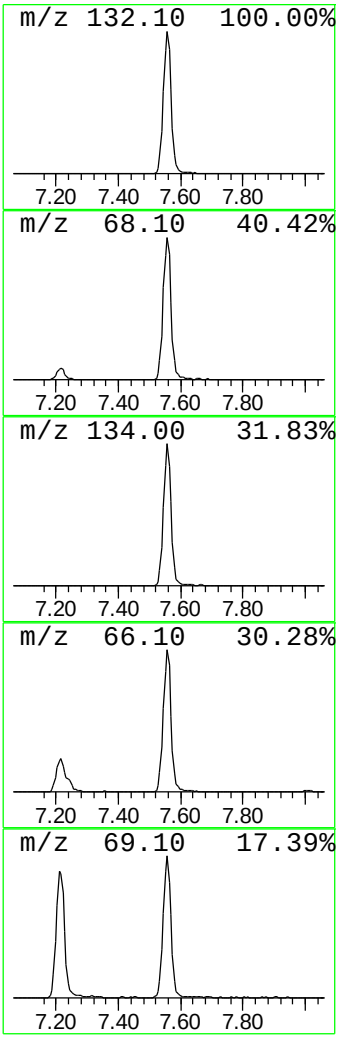
****

Peak Number 3 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	113.53 ng	1095480	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

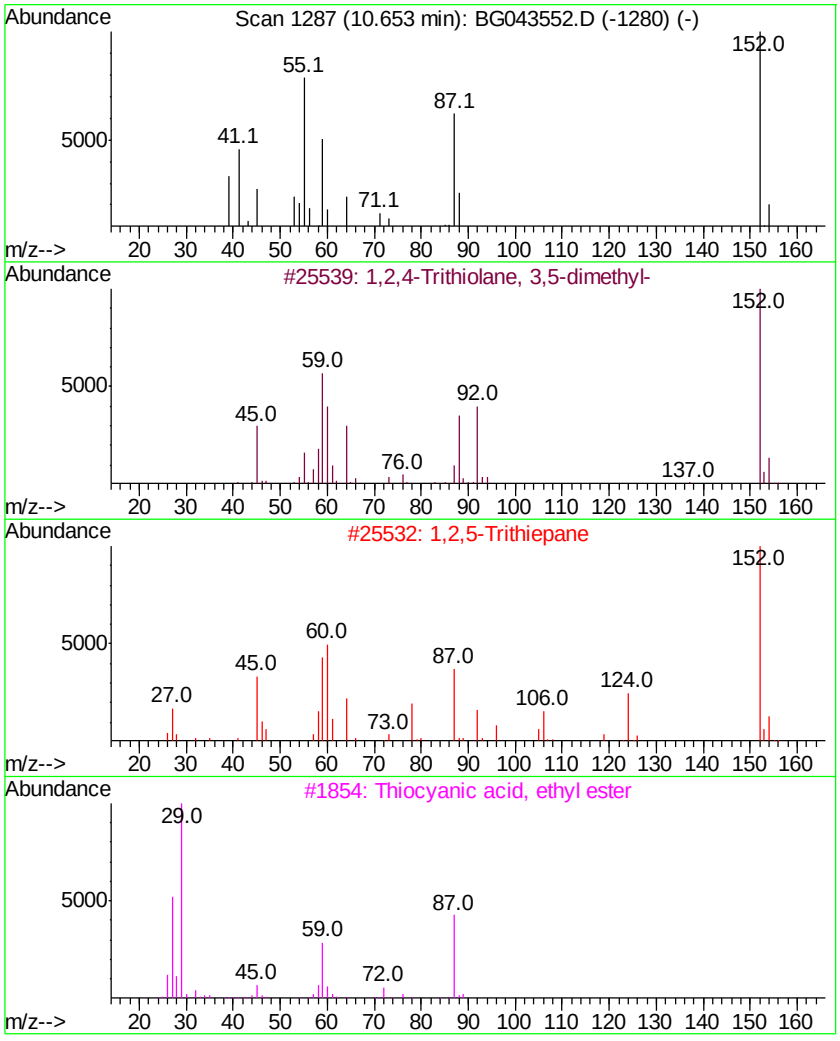
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

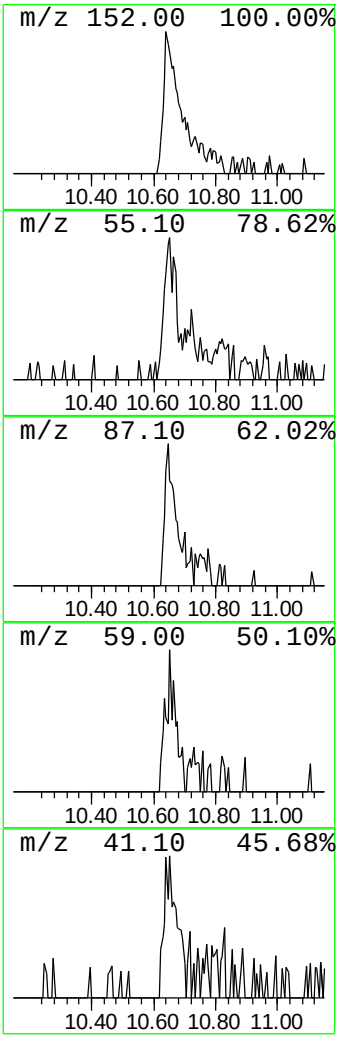
****

Peak Number 5 1,2,4-Trithiolane, 3,5-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.98 ng	35408	Naphthalene-d8	10.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	53
2	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	40
3	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	18
4	4-Methoxy-3-methyl-1,2-benzenedi...	152	C8H12N2O	097433-22-2	12
5	Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

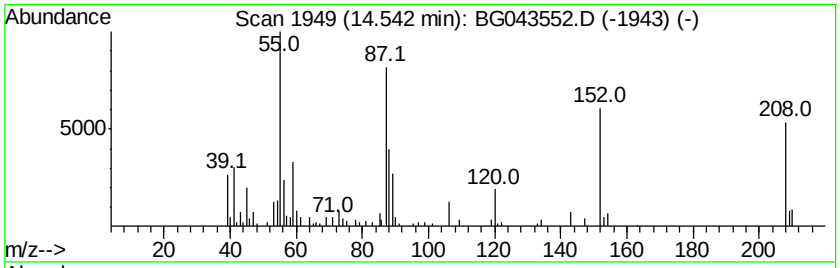
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

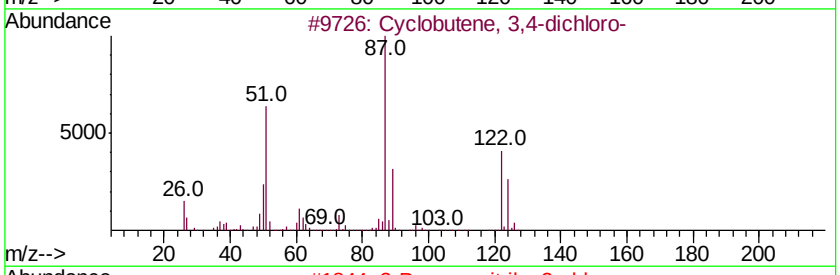
****

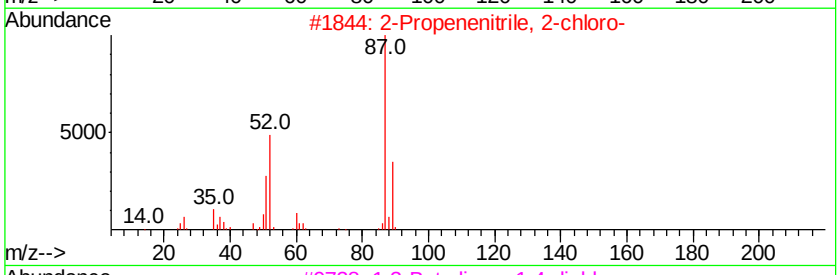
Peak Number 6 unknown14.54 Concentration Rank 6

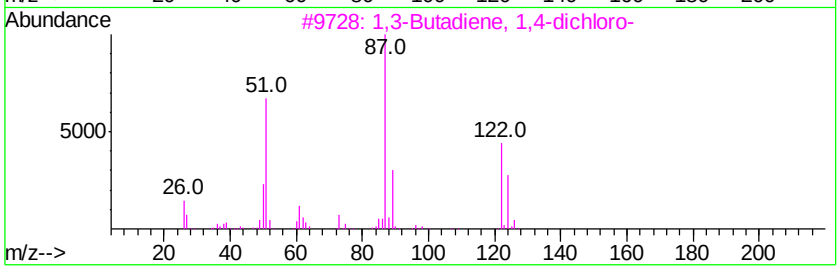
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	6.10 ng	117095	Acenaphthene-d10	14.64

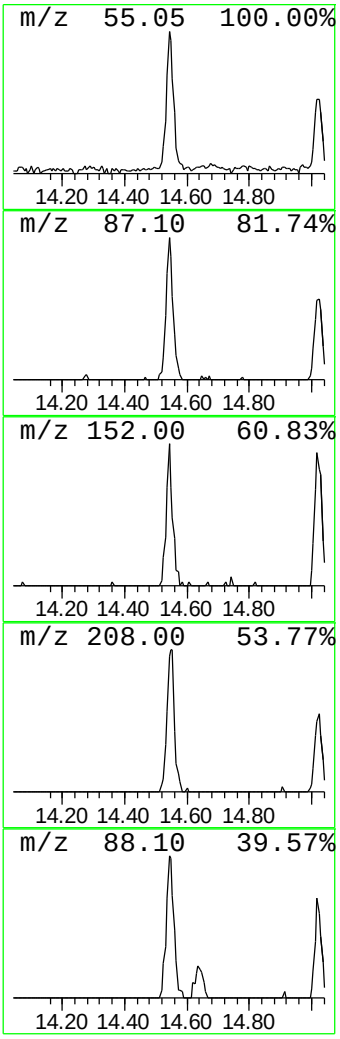
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutene, 3,4-dichloro-	122	C4H4Cl2	041326-64-1	22
2	2-Propenenitrile, 2-chloro-	87	C3H2ClN	000920-37-6	22
3	1,3-Butadiene, 1,4-dichloro-	122	C4H4Cl2	002984-42-1	22
4	2-[2-[2-[2-(2-Butoxyethoxy)ethox...	336	C16H32O7	1000351-94-0	14
5	2-[2-[2-(2-Butoxyethoxy)ethoxy]e...	292	C14H28O6	1000351-93-9	14











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Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

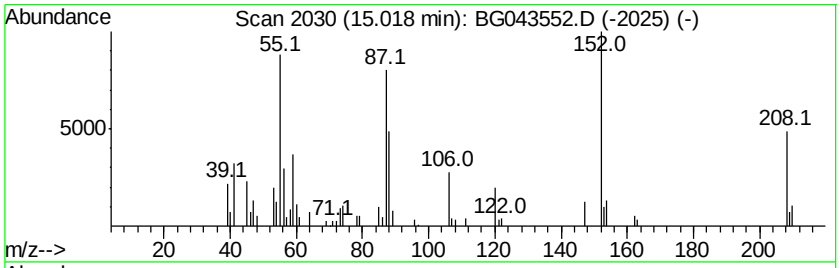
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

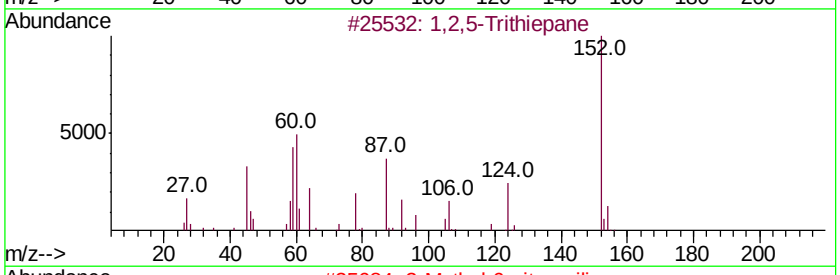
****

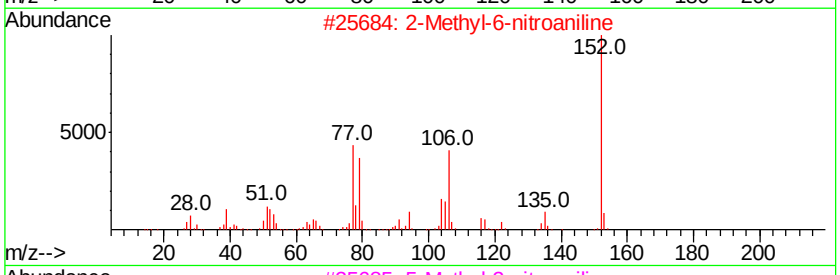
Peak Number 7 unknown15.02 Concentration Rank 8

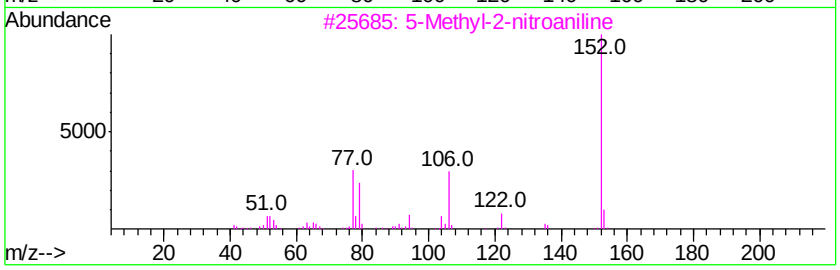
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	3.65 ng	69985	Acenaphthene-d10	14.64

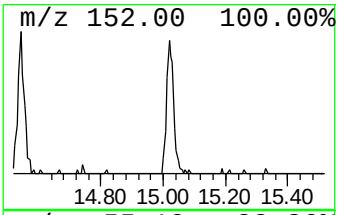
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	16
2	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	14
3	5-Methyl-2-nitroaniline	152	C7H8N2O2	000578-46-1	14
4	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	14
5	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	14

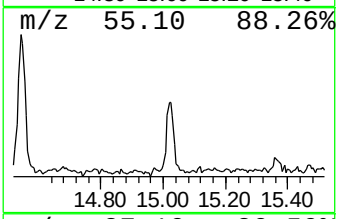


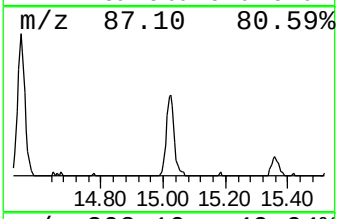


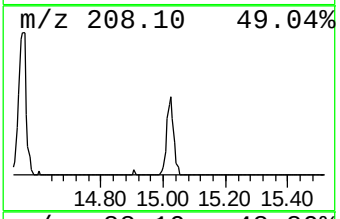


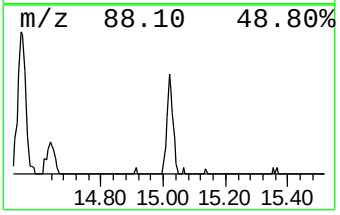












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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

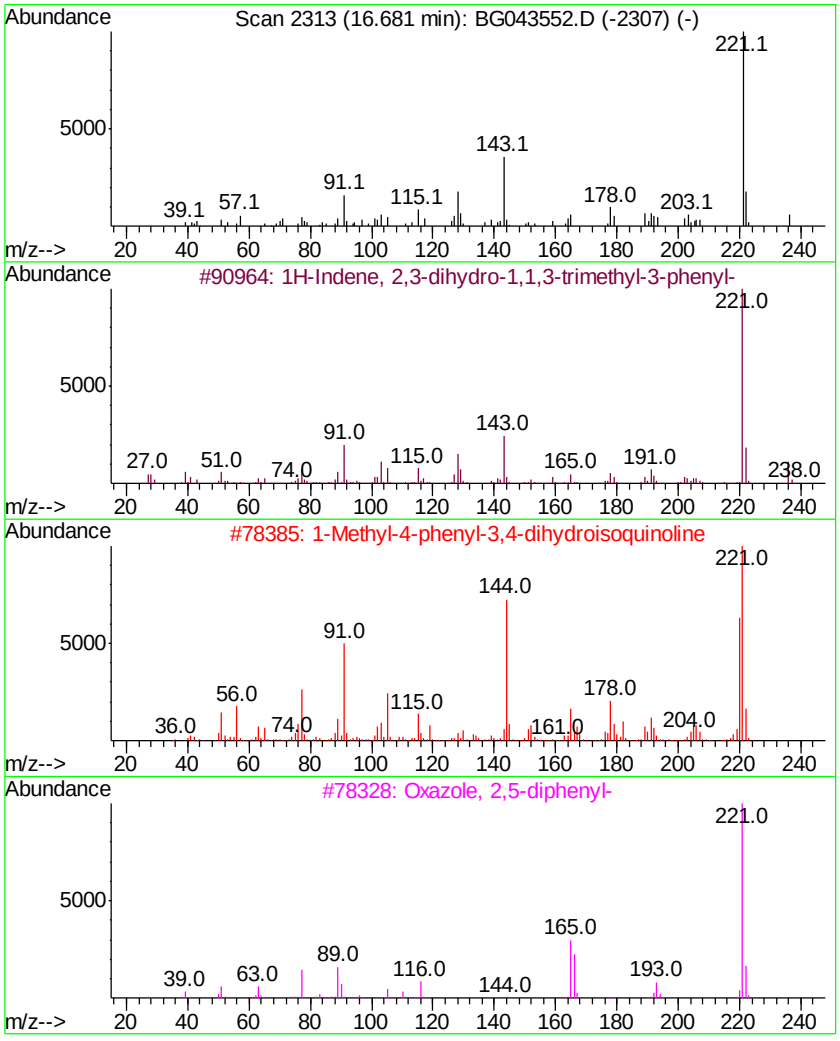
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

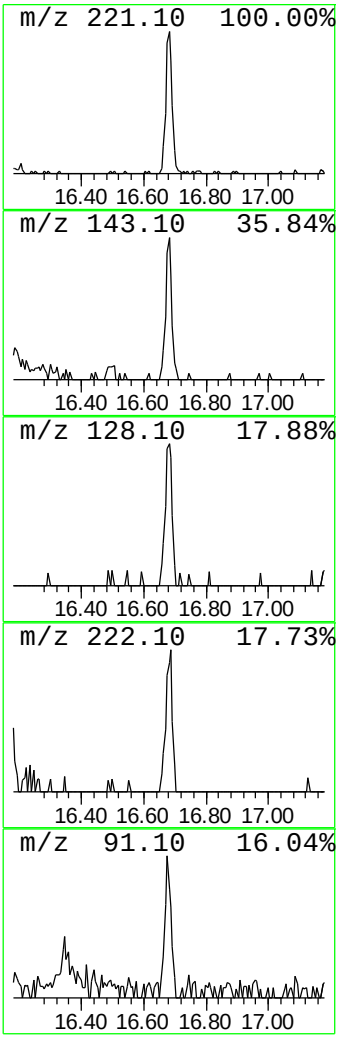
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.30 ng	56378	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	93
2	1-Methyl-4-phenyl-3,4-dihydroiso...	221	C16H15N	1000211-01-5	50
3	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	47
4	1H-1,2,4-Triazole, 3,5-diphenyl-	221	C14H11N3	002039-06-7	47
5	Hexobarbital	236	C12H16N2O3	000056-29-1	47





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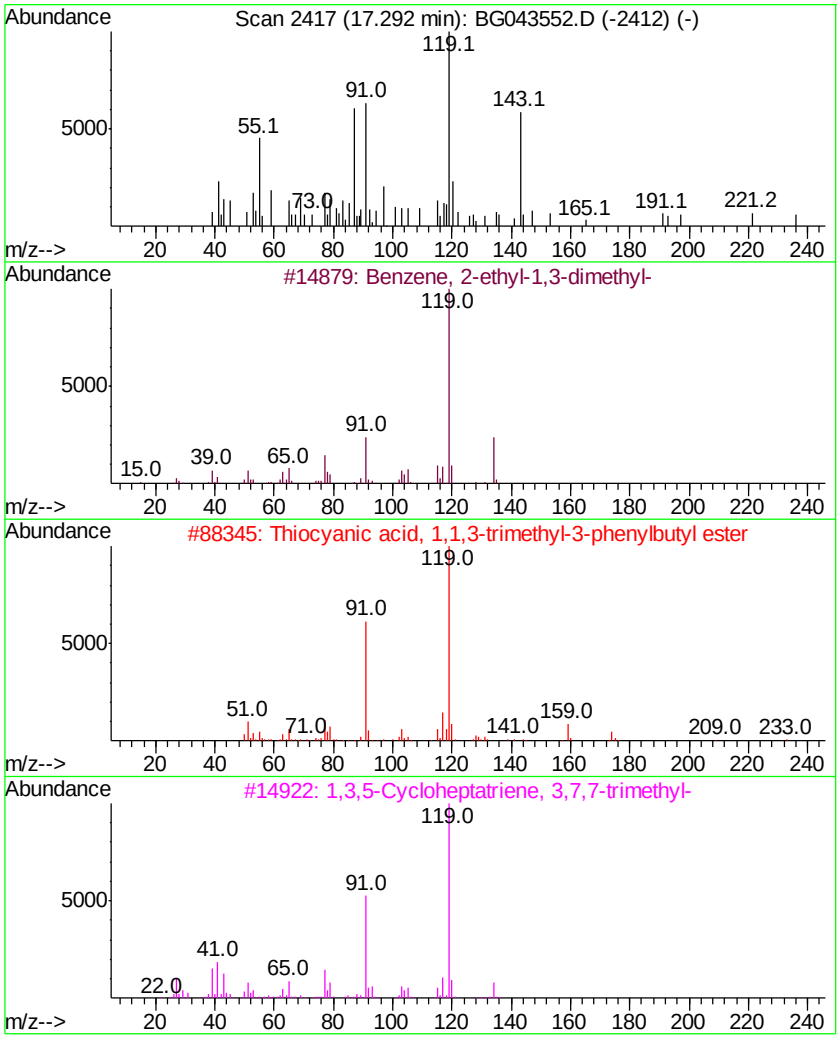
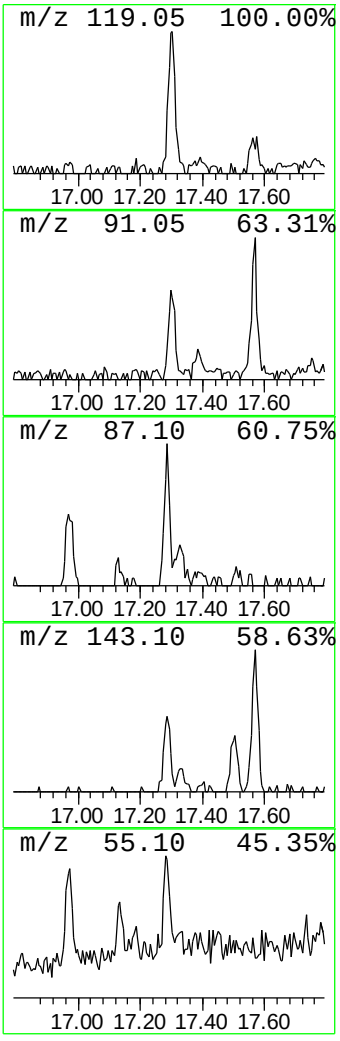
****

Peak Number 9 unknown17.29 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.04 ng	49925	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
2	Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	35
3	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	35
4	3-Pyridinecarbonitrile, 1,4-dihy...	120	C7H8N2	019424-15-8	35
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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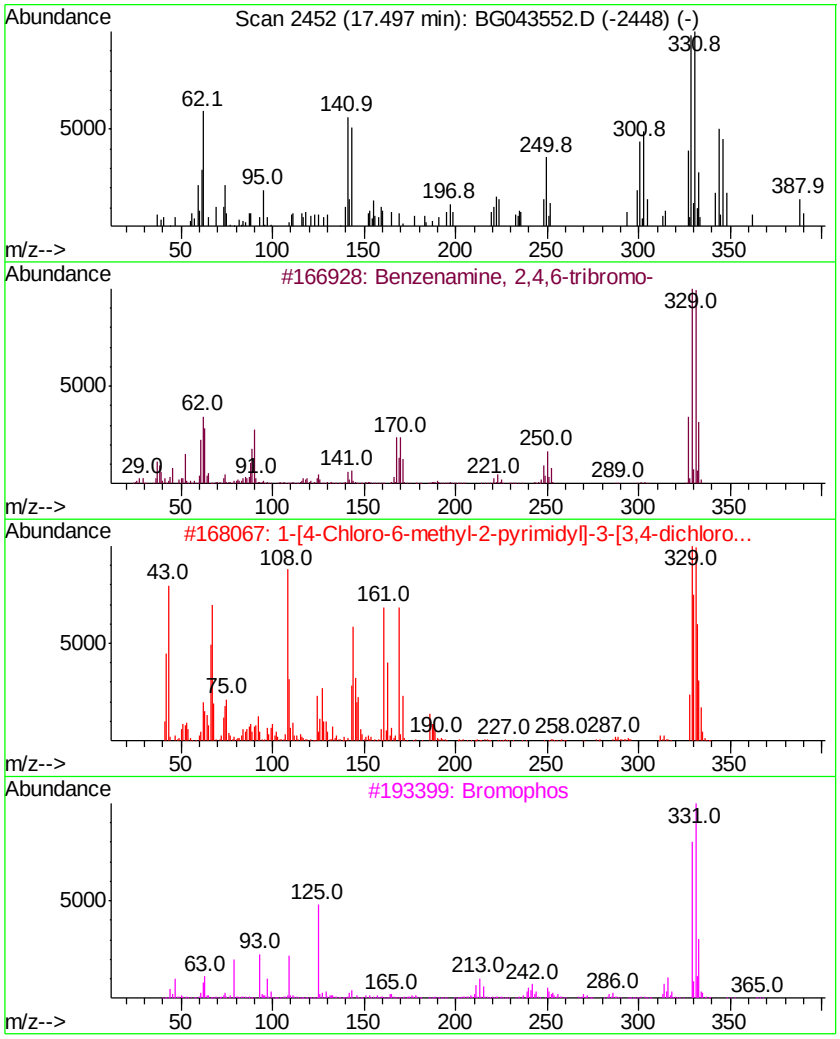
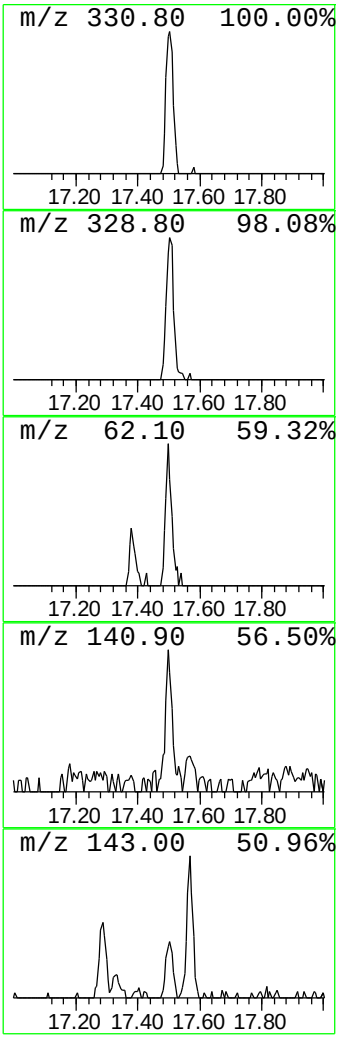
Peak Number 10 Benzenamine, 2,4,6-tribromo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.55 ng	62313	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2,4,6-tribromo-	327	C6H4Br3N	000147-82-0	70
2	1-[4-Chloro-6-methyl-2-pyrimidyl...	329	C12H10Cl3N5	051387-79-2	35
3	Bromophos	364	C8H8BrCl2O3PS	002104-96-3	14
4	1H-Pyrazolo[4,3-c]pyridazin-3-ol...	388	C22H20N4O3	035426-81-4	12
5	2H-1,4-Benzodiazepin-2-one, 7-br...	364	C15H10BrClN2O2	070030-09-0	10





Library Search Compound Report

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Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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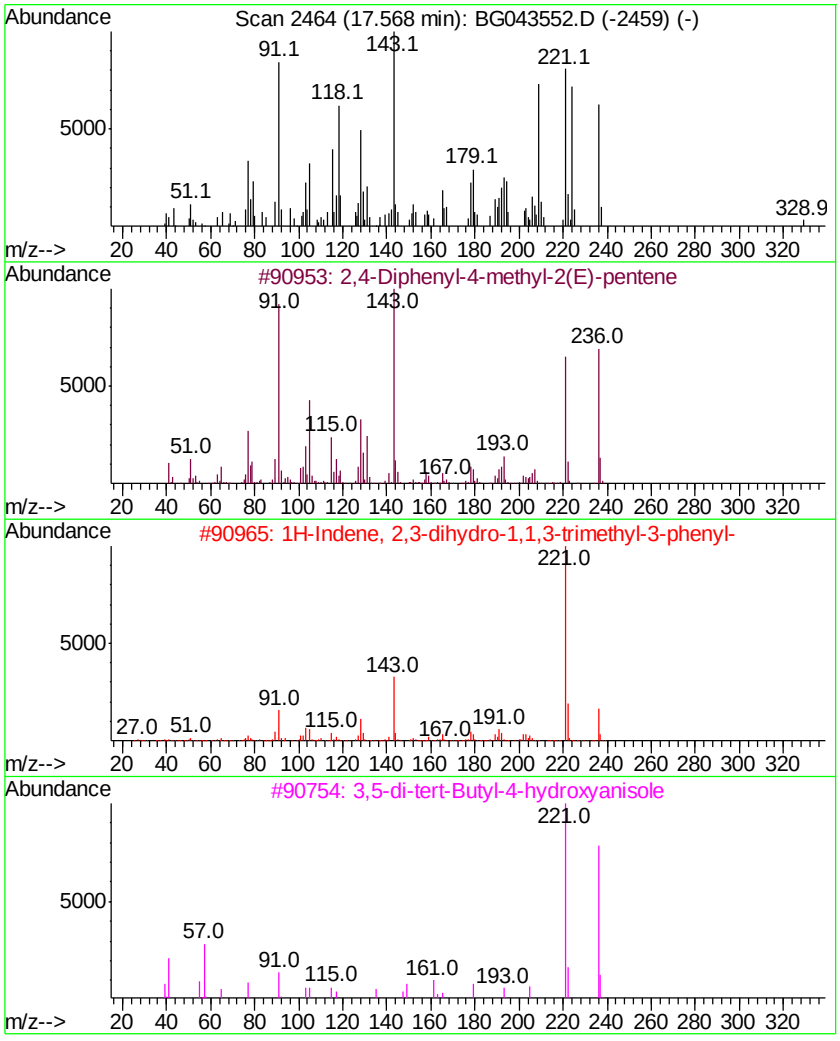
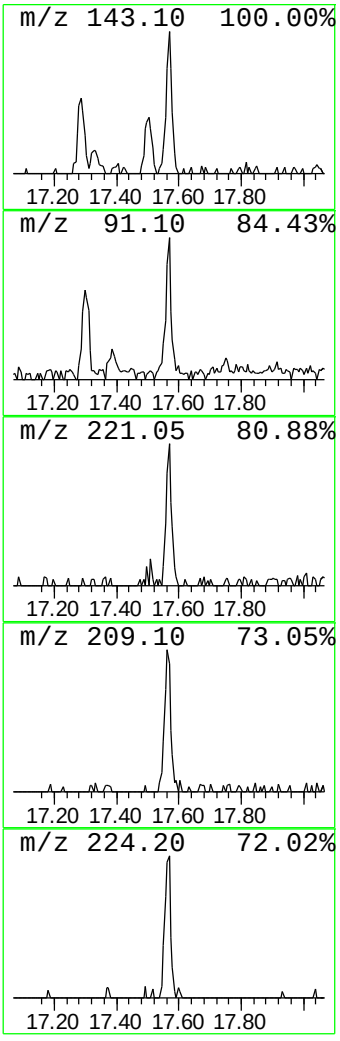
Peak Number 11 unknown17.57 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	3.65 ng	89386	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diphenyl-4-methyl-2(E)-pentene	236	C18H20	022768-22-5	46
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	38
3	3,5-di-tert-Butyl-4-hydroxyanisole	236	C15H24O2	000489-01-0	35
4	Benzene, 1,1'-(3,3-dimethyl-1-bu...	236	C18H20	023586-64-3	30
5	Ethanone, 1-phenyl-, (1-phenylet...	236	C16H16N2	000729-43-1	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
Operator : JU
Sample : K5723-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 10-D

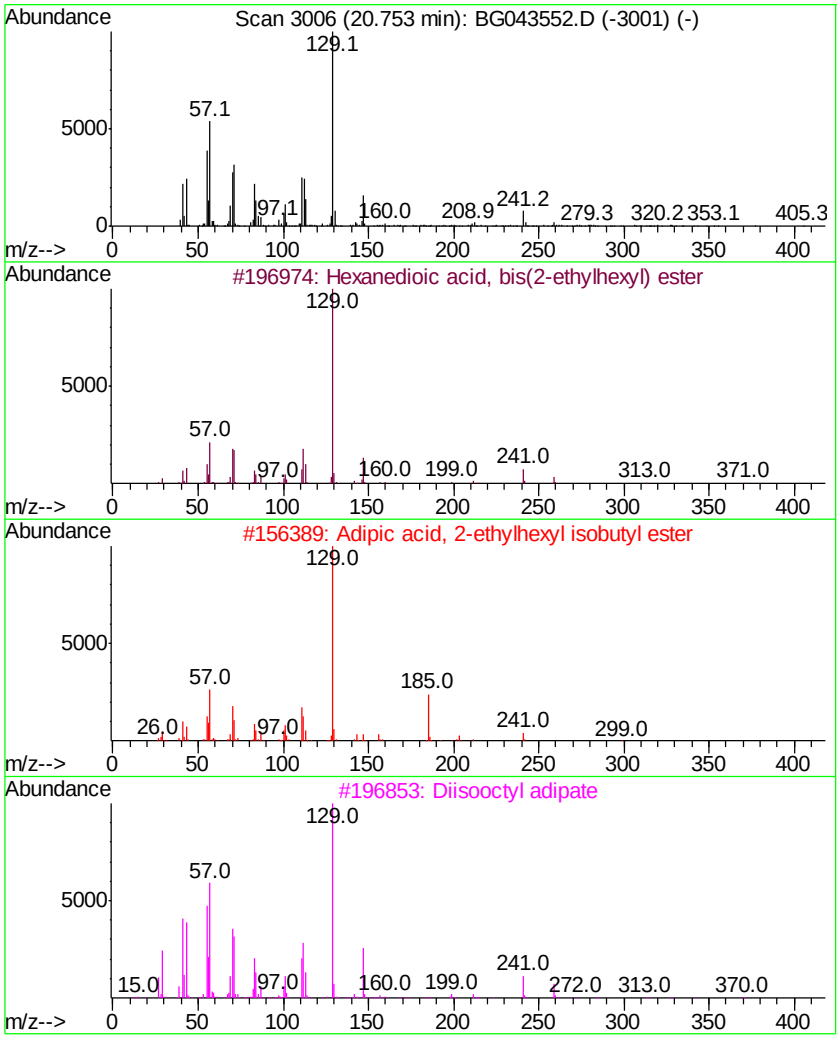
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

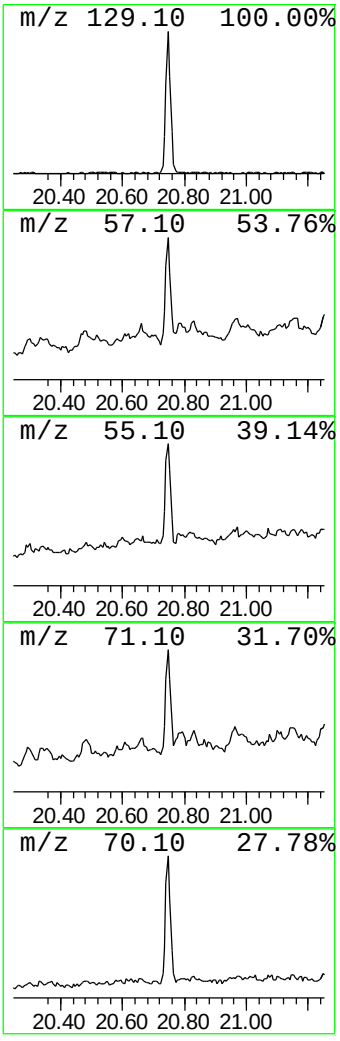
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexanedioic acid, bis(2-eth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	21.25 ng	593744	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
2	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	59
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	50
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	50
5	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110719\
Data File : BG043552.D
Acq On : 7 Nov 2019 23:22
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Sample : K5723-15
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Instrument : BNA_G
ClientSampleId : 10-D

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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...	3.17	28.1	ng	271172	1	8.00	192989	20.0
2-Pentanone, 4-hy...	5.11	19.1	ng	184646	1	8.00	192989	20.0
unknown7.56	7.56	113.5	ng	1095480	1	8.00	192989	20.0
1,2,4-Trithiolane...	10.65	3.0	ng	35408	2	10.82	237499	20.0
unknown14.54	14.54	6.1	ng	117095	3	14.64	383949	20.0
unknown15.02	15.02	3.6	ng	69985	3	14.64	383949	20.0
1H-Indene, 2,3-di...	16.68	2.3	ng	56378	4	17.39	489582	20.0
unknown17.29	17.29	2.0	ng	49925	4	17.39	489582	20.0
Benzenamine, 2,4,...	17.50	2.5	ng	62313	4	17.39	489582	20.0
unknown17.57	17.57	3.6	ng	89386	4	17.39	489582	20.0
Hexanedioic acid,...	20.75	21.3	ng	593744	5	21.65	558882	20.0