LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044552.D
Acq On : 21 Feb 2020 16:57
Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

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-BG013020.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	3.206	15	20	31	rVB	48311	86768	1.90%	0.386%
2	3.500	62	70	85	rBV	2524955	4187706	91.48%	18.619%
3	4.563	246	251	258	rVB	102001	159284	3.48%	0.708%
4	5.456	397	403	415	rBV	224448	393702	8.60%	1.750%
5	7.055	667	675	688	rBV	117492	222987	4.87%	0.991%
6	7.877	809	815	823	rBV	197293	333864	7.29%	1.484%
7	8.200	862	870	881	rBV	778285	1366912	29.86%	6.077%
8	8.753	958	964	974	rVB2	25829	48908	1.07%	0.217%
9	9.035	1001	1012	1032	rBV	582099	1089836	23.81%	4.846%
10	10.680	1284	1292	1306	rBV	252243	460205	10.05%	2.046%
11	11.931	1499	1505	1515	rBV3	22027	60308	1.32%	0.268%
12	13.142	1704	1711	1722	rBV	1688799	2663245	58.18%	11.841%
13	13.976	1843	1853	1861	rBV	32553	51856	1.13%	0.231%
14	14.522	1939	1946	1959	rBV2	419523	669435	14.62%	2.976%
15	16.009	2193	2199	2217	rBV	808233	1266368	27.66%	5.630%
16	17.266	2406	2413	2424	rBV	550610	830905	18.15%	3.694%
17	19.881	2852	2858	2866	rBV	3273860	4577668	100.00%	20.353%
18	21.185	3074	3080	3086	rBV2	120104	215992	4.72%	0.960%
19	21.244	3086	3090	3099	rVB	78055	127130	2.78%	0.565%
20	21.508	3129	3135	3150	rVB	624937	1007672	22.01%	4.480%
21	21.708	3164	3169	3181	rBV	100228	161959	3.54%	0.720%
22	22.296	3263	3269	3276	rBV	151329	232777	5.09%	1.035%
23	22.954	3375	3381	3390	rVB	166774	303822	6.64%	1.351%
24	23.717	3504	3511	3520	rBV	153593	308550	6.74%	1.372%
25	24.575	3647	3657	3675	rBV3	381688	1327902	29.01%	5.904%
26	25.692	3838	3847	3858	rVB2	74415	230991	5.05%	1.027%
27	26.972	4055	4065	4074	rBV4	31764	104920	2.29%	0.466%

Sum of corrected areas: 22491672

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
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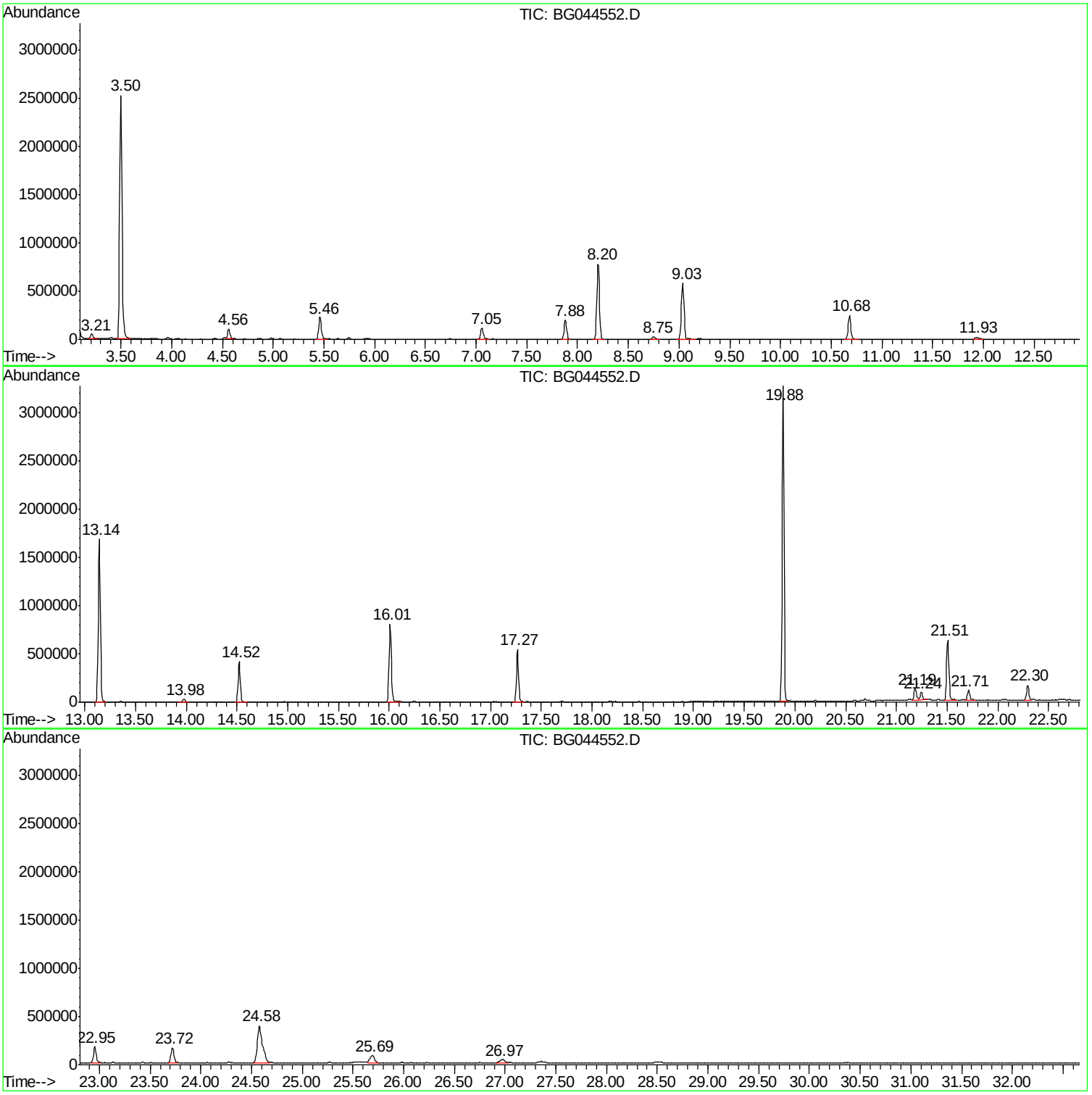
Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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 : BG044552.D
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ClientSampleId : MANHOLE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

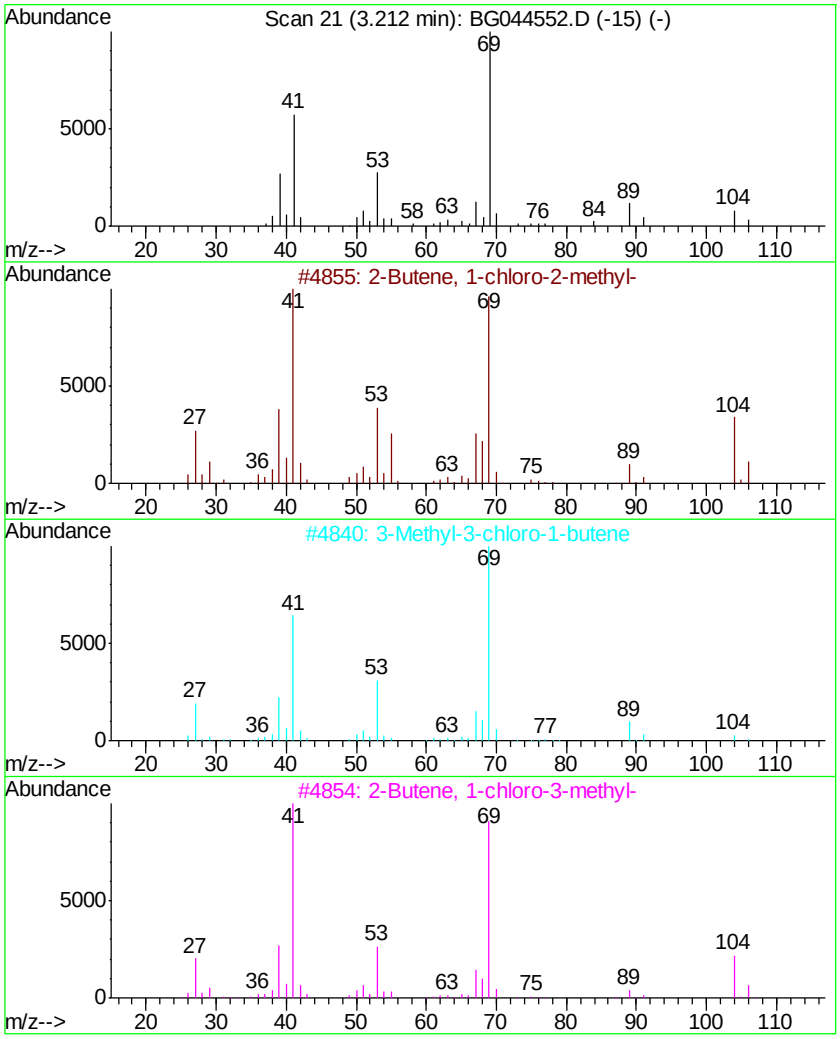
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

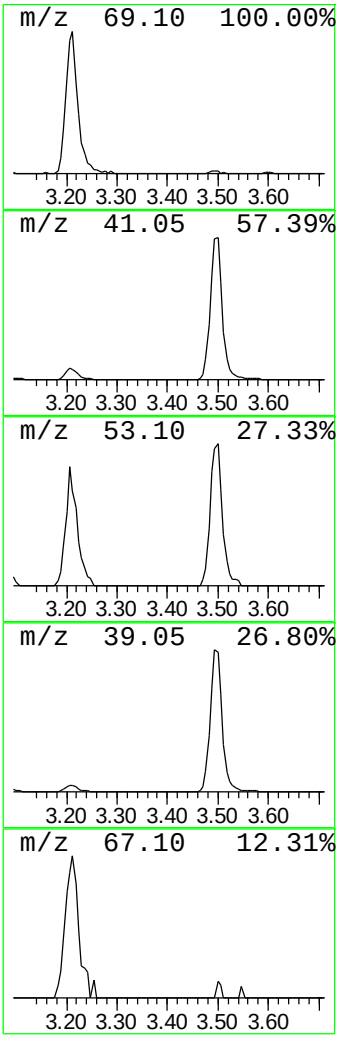
****

Peak Number 1 2-Butene, 1-chloro-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	5.20 ng	86768	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	72
2	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	64
3	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	64
4	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	56
5	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	53





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Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

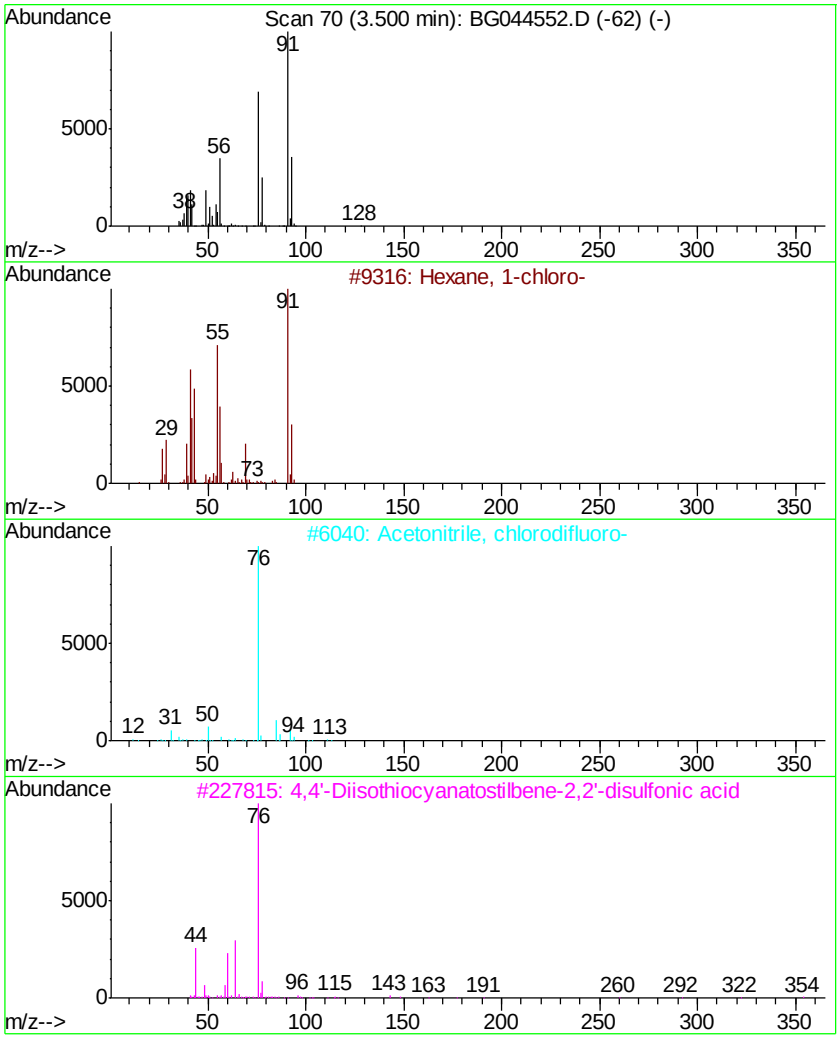
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

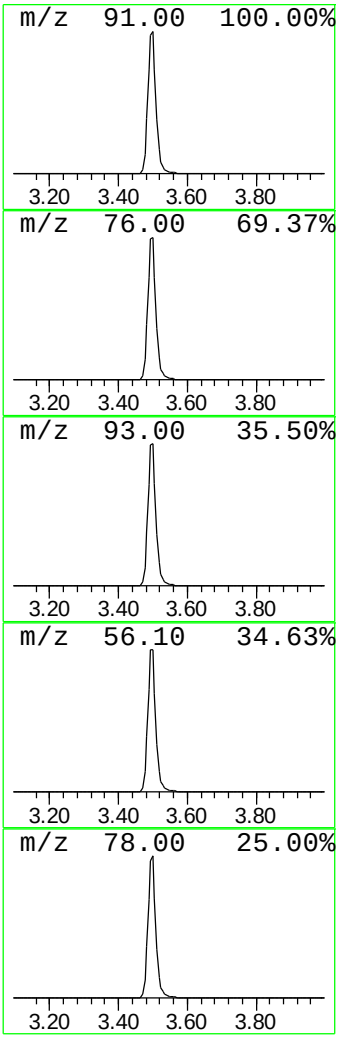
****

Peak Number 2 unknown3.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.50	250.86 ng	4187710	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-chloro-	120	C6H13Cl	000544-10-5	17
2	Acetonitrile, chlorodifluoro-	111	C2ClF2N	000421-05-6	9
3	4,4'-Diisothiocyanatostilbene-2,...	454	C16H10N2O6S4	053005-05-3	9
4	Thiourea	76	CH4N2S	000062-56-6	7
5	Carbon disulfide	76	CS2	000075-15-0	4





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
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Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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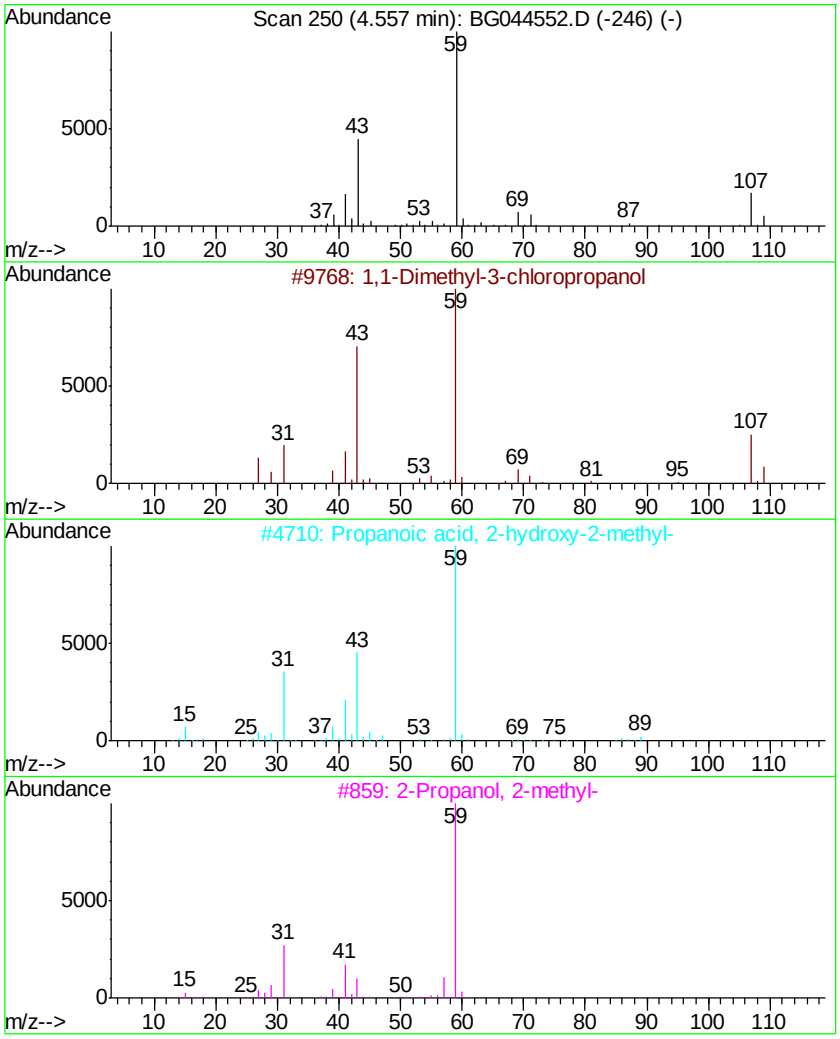
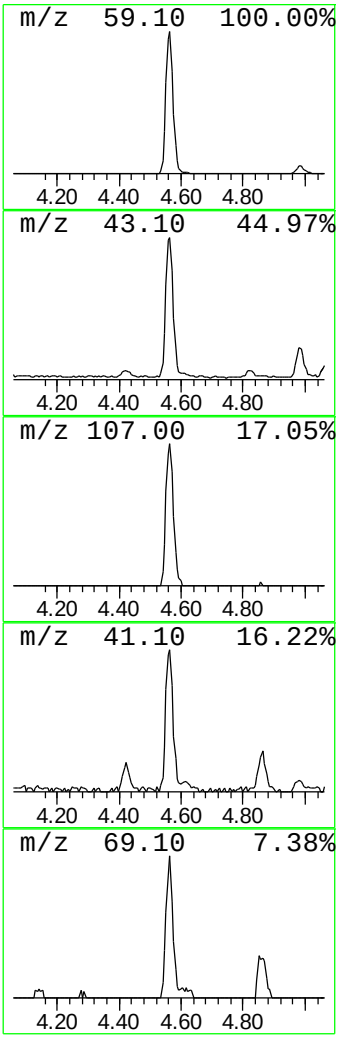
****

Peak Number 3 1,1-Dimethyl-3-chloropropanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	9.54 ng	159284	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dimethyl-3-chloropropanol	122	C5H11ClO	001985-88-2	83
2	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	59
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	40
4	4-Methyl-2-pentanol, methyl ether	116	C7H16O	1000333-93-5	38
5	1,2-Butanediol	90	C4H10O2	000584-03-2	33





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
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Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

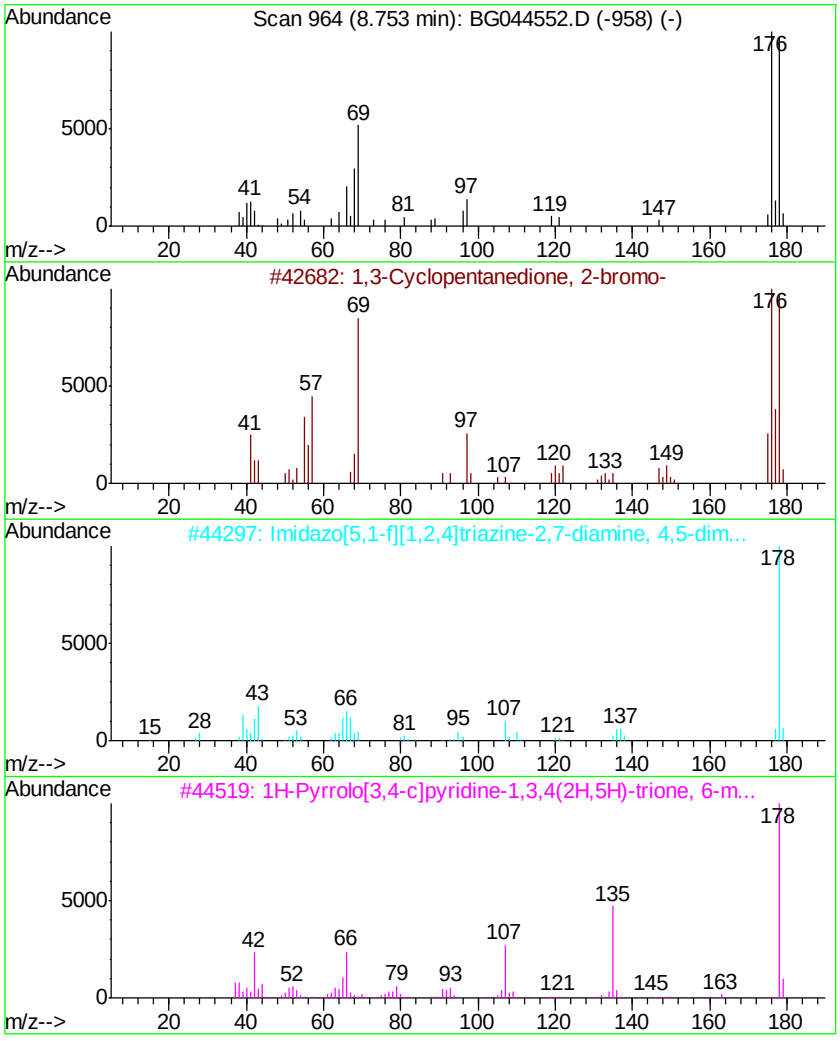
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

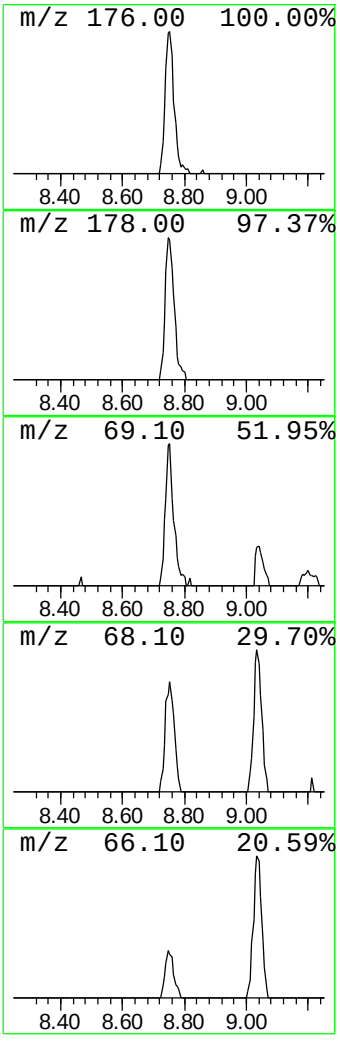
****

Peak Number 5 unknown8.75 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.93 ng	48908	1,4-Dichlorobenzene-d4	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-bromo-	176	C5H5BrO2	014203-24-8	37
2	Imidazo[5,1-f][1,2,4]triazine-2,...	178	C7H10N6	050473-86-4	25
3	1H-Pyrrolo[3,4-c]pyridine-1,3,4(...	178	C8H6N2O3	026413-69-4	25
4	3-Amino-7-methyl-1,2,4-benzotria...	176	C8H8N4O	027281-74-9	14
5	Benzoic acid, 2-cyanamino-, meth...	176	C9H8N2O2	073095-45-1	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044552.D
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Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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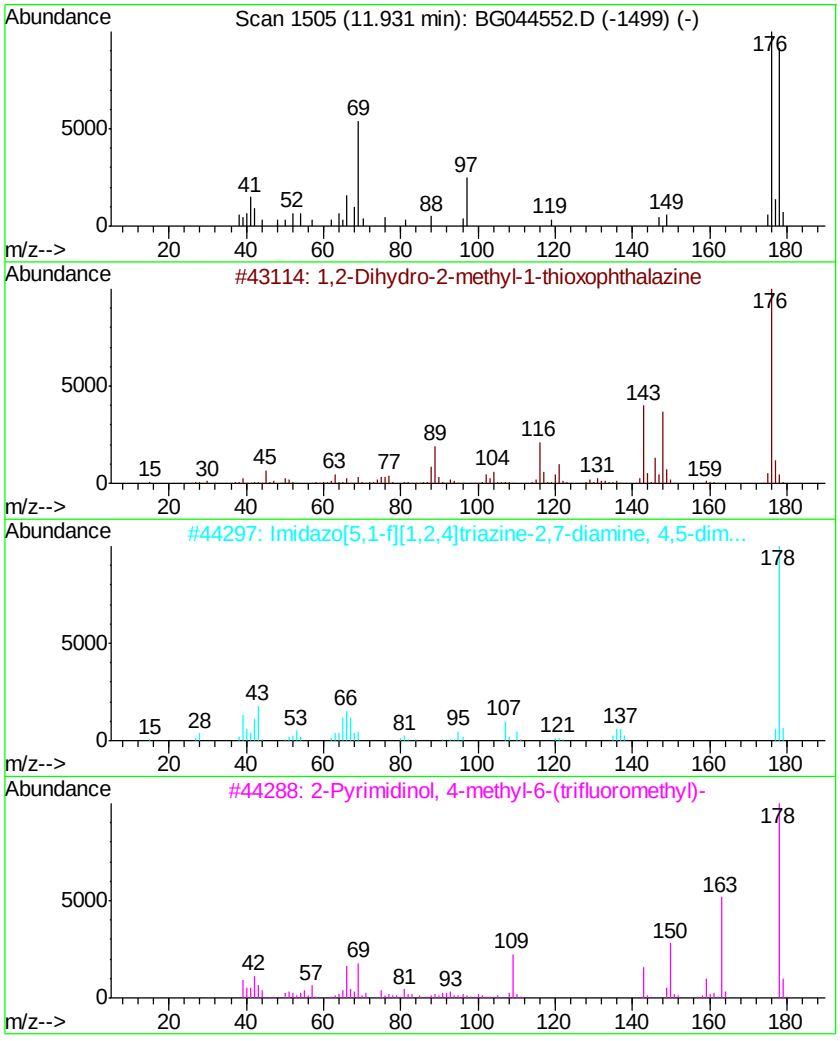
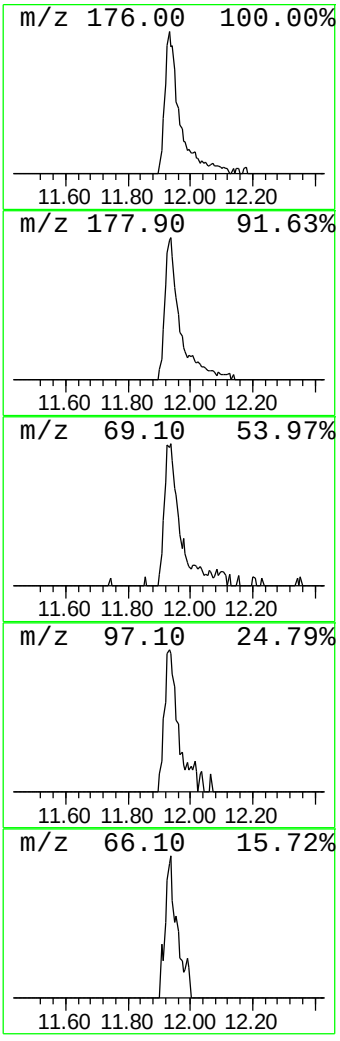
****

Peak Number 6 unknown11.93 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.62 ng	60308	Naphthalene-d8	10.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dihydro-2-methyl-1-thioxopht...	176	C9H8N2S	020988-87-8	38
2	Imidazo[5,1-f][1,2,4]triazine-2,...	178	C7H10N6	050473-86-4	35
3	2-Pyrimidinol, 4-methyl-6-(trifl...	178	C6H5F3N2O	104048-92-2	35
4	3-Amino-7-methyl-1,2,4-benzotria...	176	C8H8N4O	027281-74-9	35
5	3-(Hydroxyimino)-7-methylindolin...	176	C9H8N2O2	013208-96-3	35





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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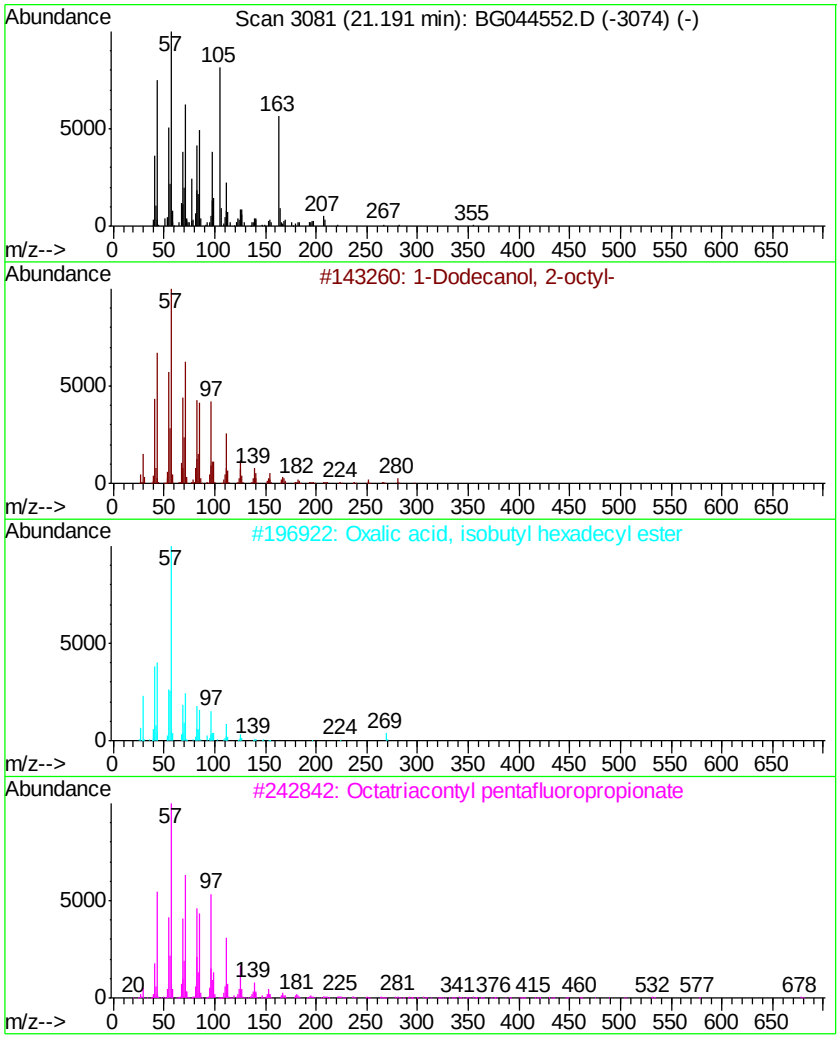
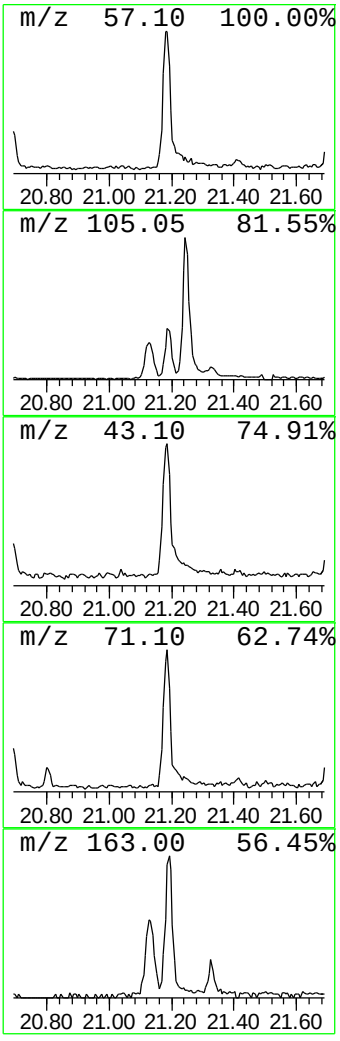
****

Peak Number 7 1-Dodecanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	4.29 ng	215992	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	76
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	64
4	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	58
5	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

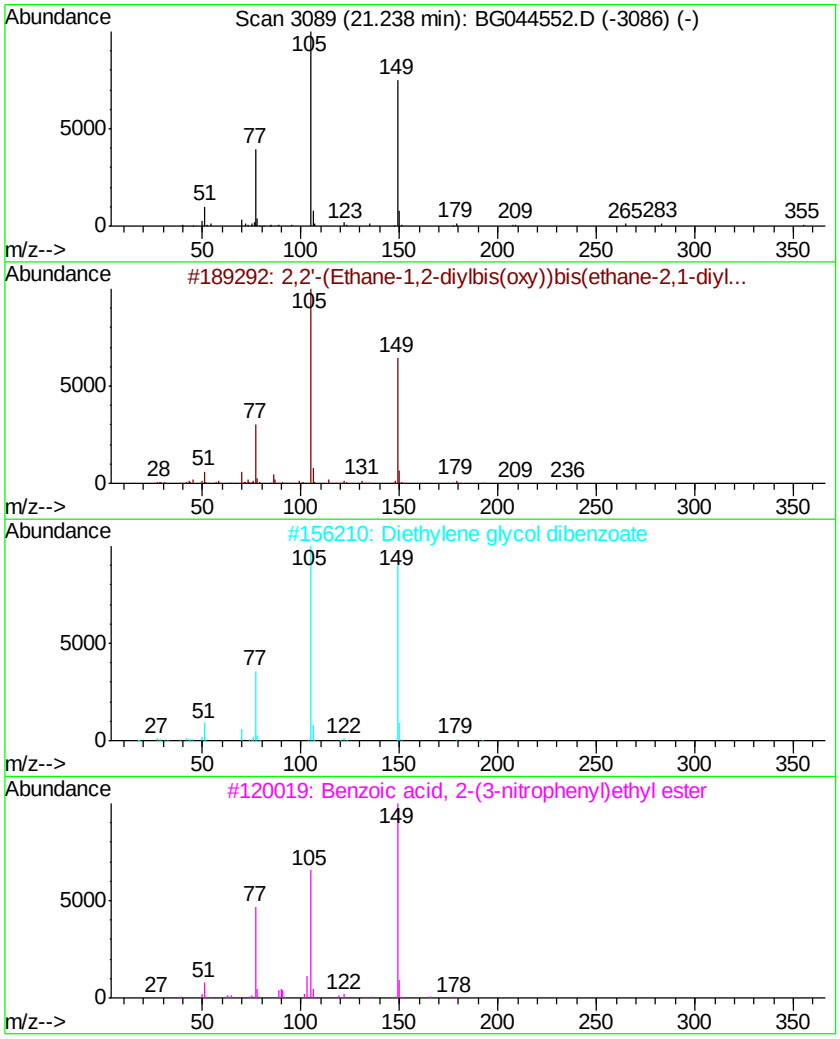
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

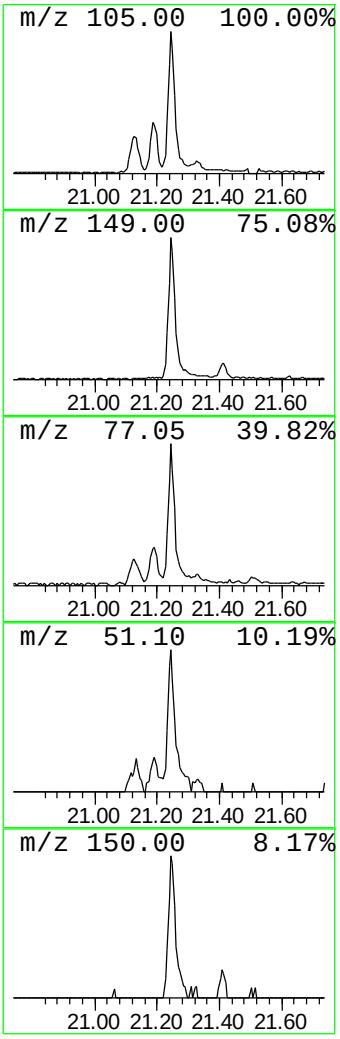
****

Peak Number 8 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	2.52 ng	127130	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	78
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	78
3	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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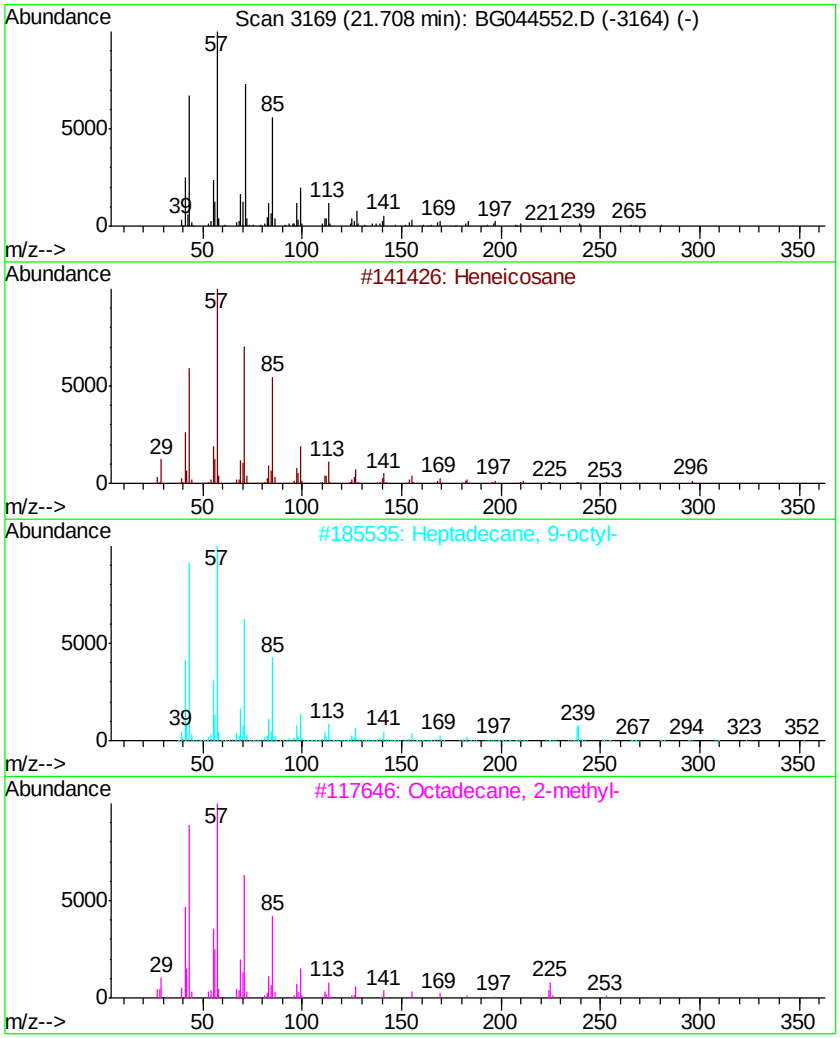
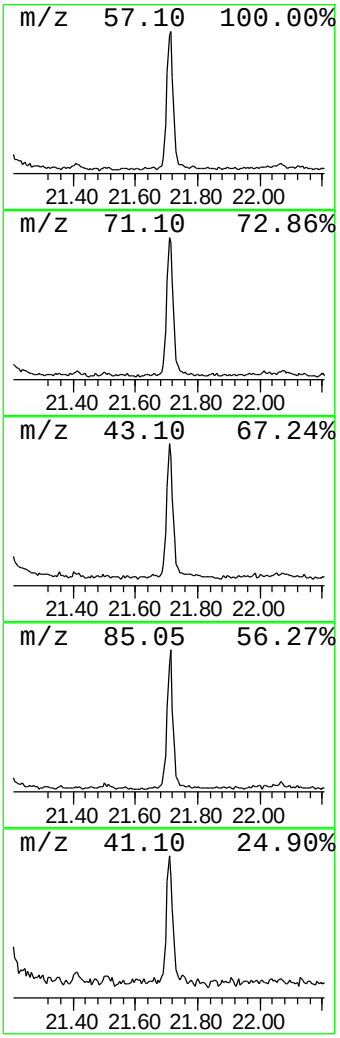
****

Peak Number 9 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	3.21 ng	161959	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81





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Data File : BG044552.D
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Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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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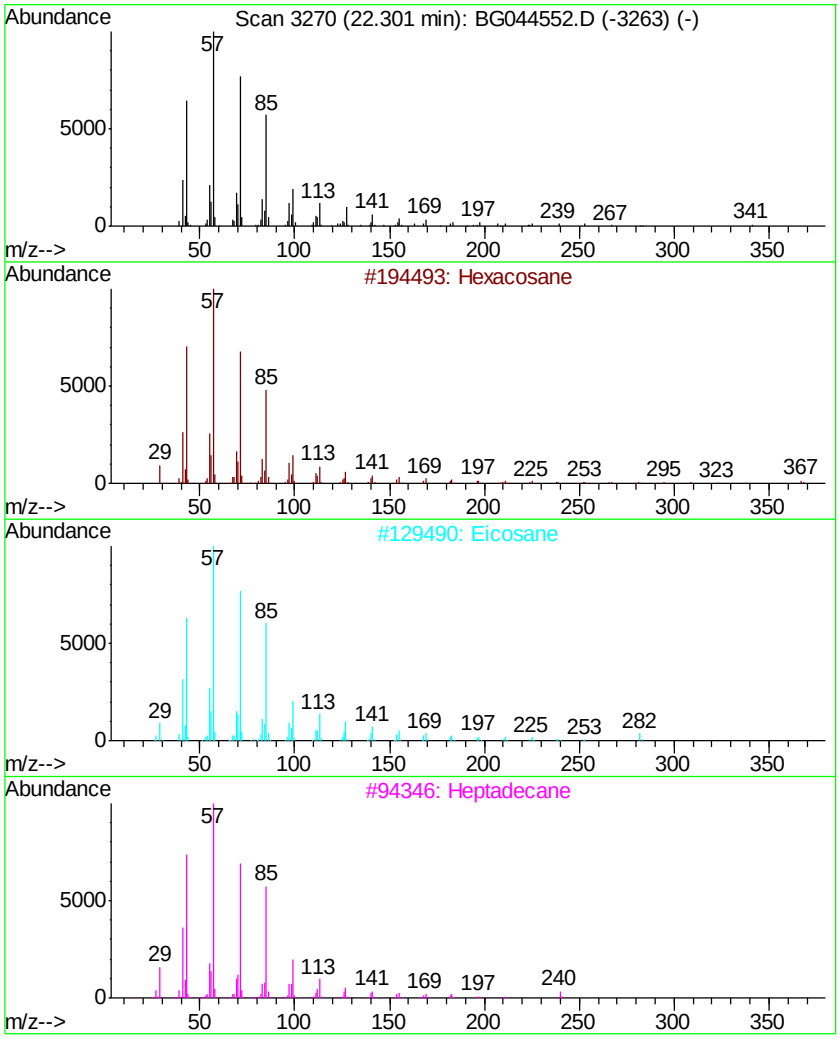
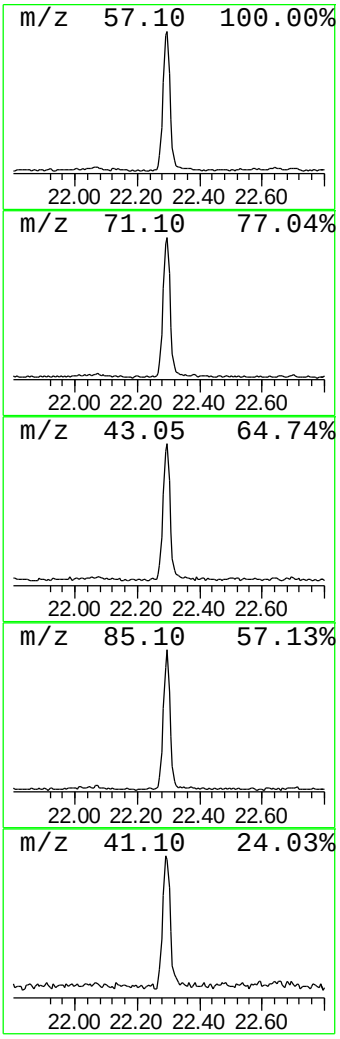
Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	4.62 ng	232777	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
Data File : BG044552.D
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Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

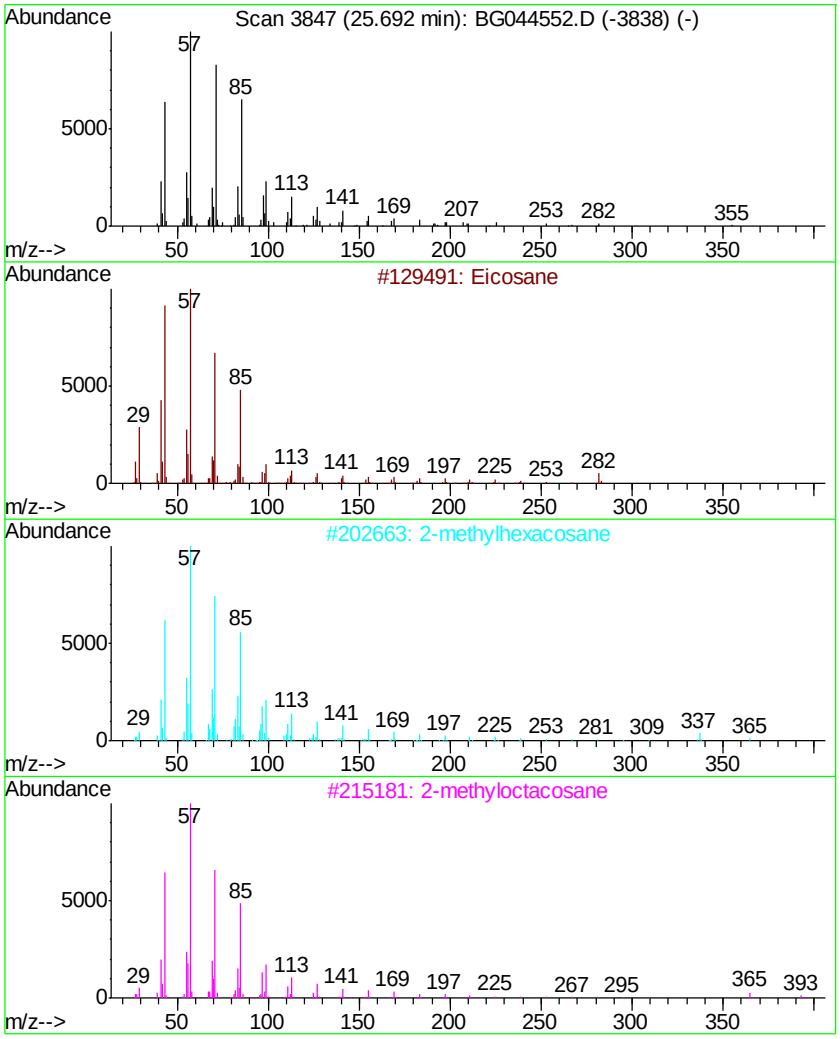
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

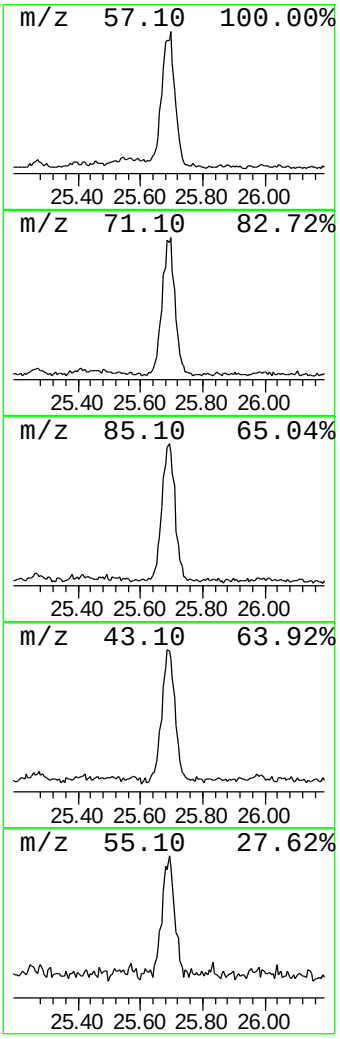
****

Peak Number 13 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	3.48 ng	230991	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	2-methylhexacosane	380	C27H56	1000376-72-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022120\
Data File : BG044552.D
Acq On : 21 Feb 2020 16:57
Operator : CG/JU
Sample : L1561-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MANHOLE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.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
2-Butene, 1-chlor...	3.21	5.2	ng	86768	1	7.88	333864	20.0
unknown3.50	3.50	250.9	ng	4187710	1	7.88	333864	20.0
1,1-Dimethyl-3-ch...	4.56	9.5	ng	159284	1	7.88	333864	20.0
unknown8.75	8.75	2.9	ng	48908	1	7.88	333864	20.0
unknown11.93	11.93	2.6	ng	60308	2	10.68	460205	20.0
1-Dodecanol, 2-oc...	21.19	4.3	ng	215992	5	21.51	1007670	20.0
2,2'-(Ethane-1,2-...	21.24	2.5	ng	127130	5	21.51	1007670	20.0
Heneicosane	21.71	3.2	ng	161959	5	21.51	1007670	20.0
Hexacosane	22.30	4.6	ng	232777	5	21.51	1007670	20.0
Eicosane	25.69	3.5	ng	230991	6	24.58	1327900	20.0