LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
Operator : CG/JU
Sample : L1852-25
Misc :
ALS Vial : 9 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-BG031020.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	3.153	5	11	20	rBV	298443	699702	10.70%	1.837%
2	3.235	20	25	40	rVB	801858	1420990	21.72%	3.730%
3	5.156	346	352	360	rBV	157164	253197	3.87%	0.665%
4	5.621	423	431	443	rBV	1007645	1668483	25.51%	4.380%
5	7.207	693	701	713	rBV	649673	1255679	19.20%	3.296%
6	8.053	839	845	852	rBV	438007	756601	11.57%	1.986%
7	8.382	891	901	914	rVB	1719815	3152765	48.20%	8.277%
8	9.211	1031	1042	1050	rBV	1455570	2747902	42.01%	7.214%
9	10.862	1316	1323	1330	rBV	585704	1113508	17.02%	2.923%
10	13.312	1733	1740	1748	rVB	3534273	5858140	89.55%	15.379%
11	14.134	1874	1880	1885	rBV2	276492	440973	6.74%	1.158%
12	14.534	1945	1948	1956	rVB6	106324	178833	2.73%	0.469%
13	14.686	1967	1974	1984	rVB	911332	1593311	24.36%	4.183%
14	16.173	2220	2227	2235	rBV	2816316	4356852	66.60%	11.438%
15	17.430	2436	2441	2447	rVB	967763	1521601	23.26%	3.994%
16	18.335	2590	2595	2602	rBV2	376091	556536	8.51%	1.461%
17	19.604	2807	2811	2815	rBV2	154013	220422	3.37%	0.579%
18	20.045	2880	2886	2891	rVB	4768817	6541421	100.00%	17.172%
19	21.367	3107	3111	3118	rBV2	381907	611677	9.35%	1.606%
20	21.702	3163	3168	3177	rVB2	909964	1583204	24.20%	4.156%
21	24.927	3709	3717	3727	rVB	549799	1560891	23.86%	4.098%

Sum of corrected areas: 38092688

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
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Operator : CG/JU
Sample : L1852-25
Misc :
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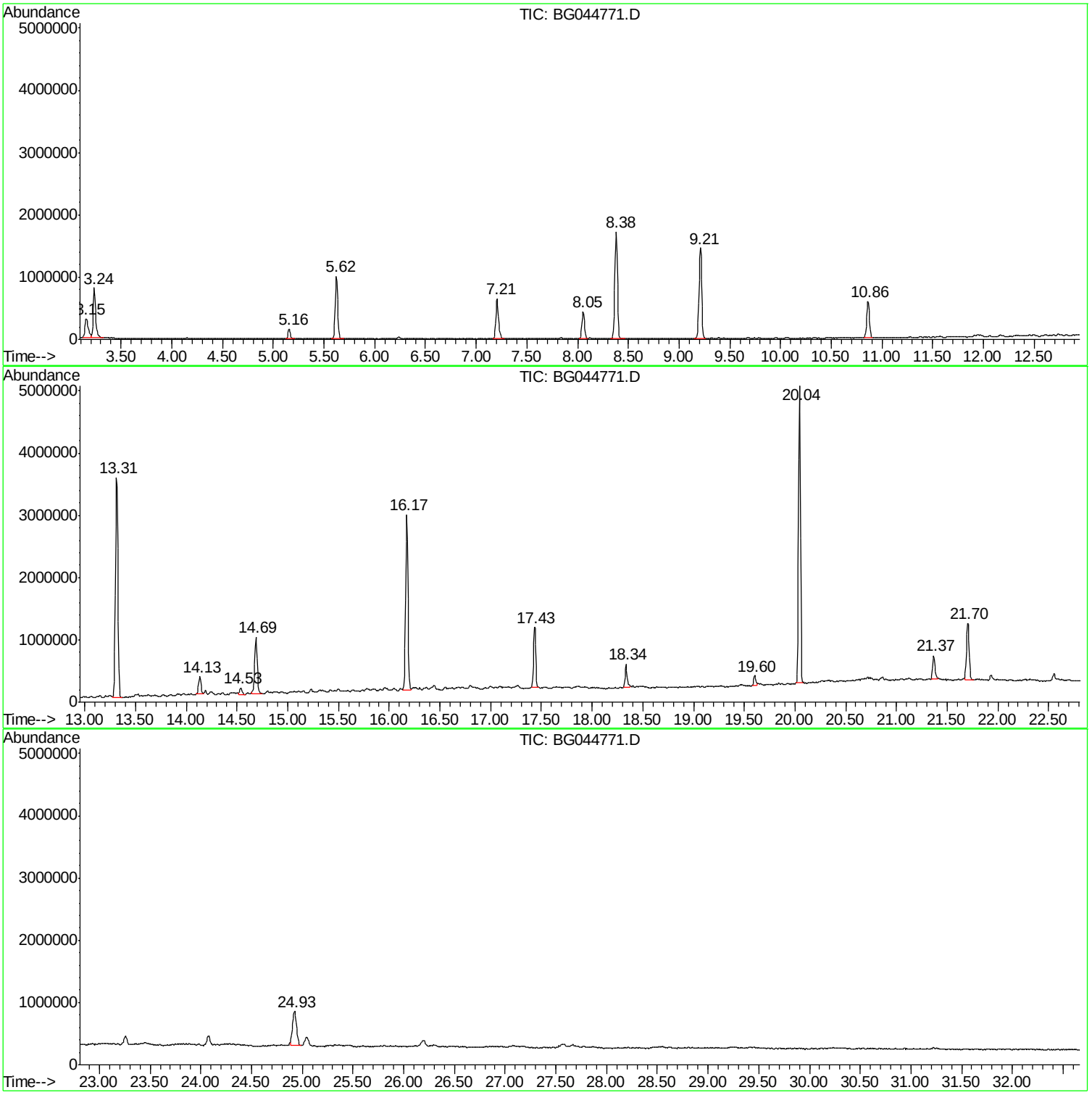
Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
Operator : CG/JU
Sample : L1852-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

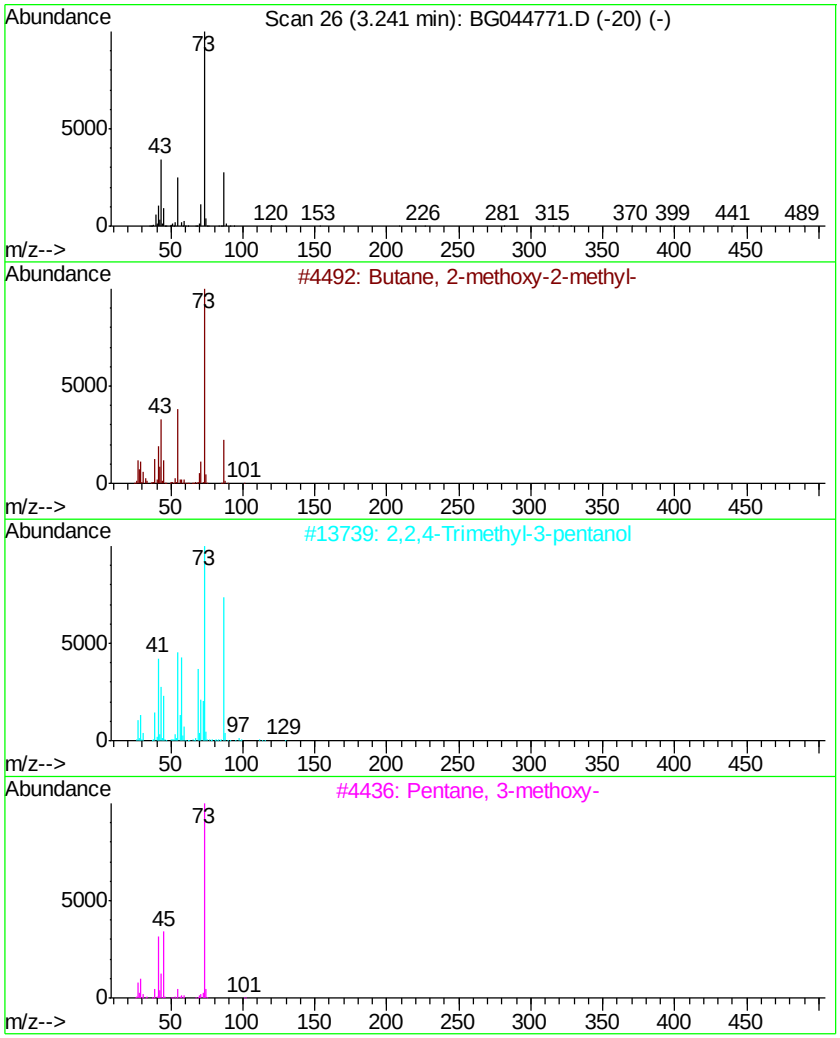
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

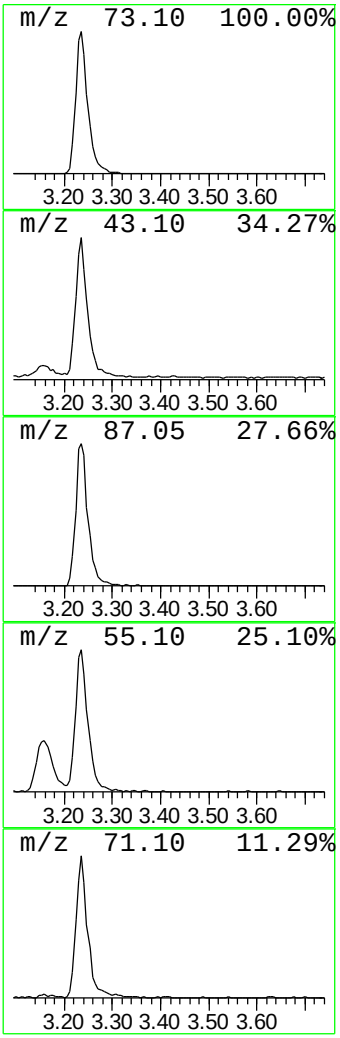
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	37.56 ng	1420990	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
Operator : CG/JU
Sample : L1852-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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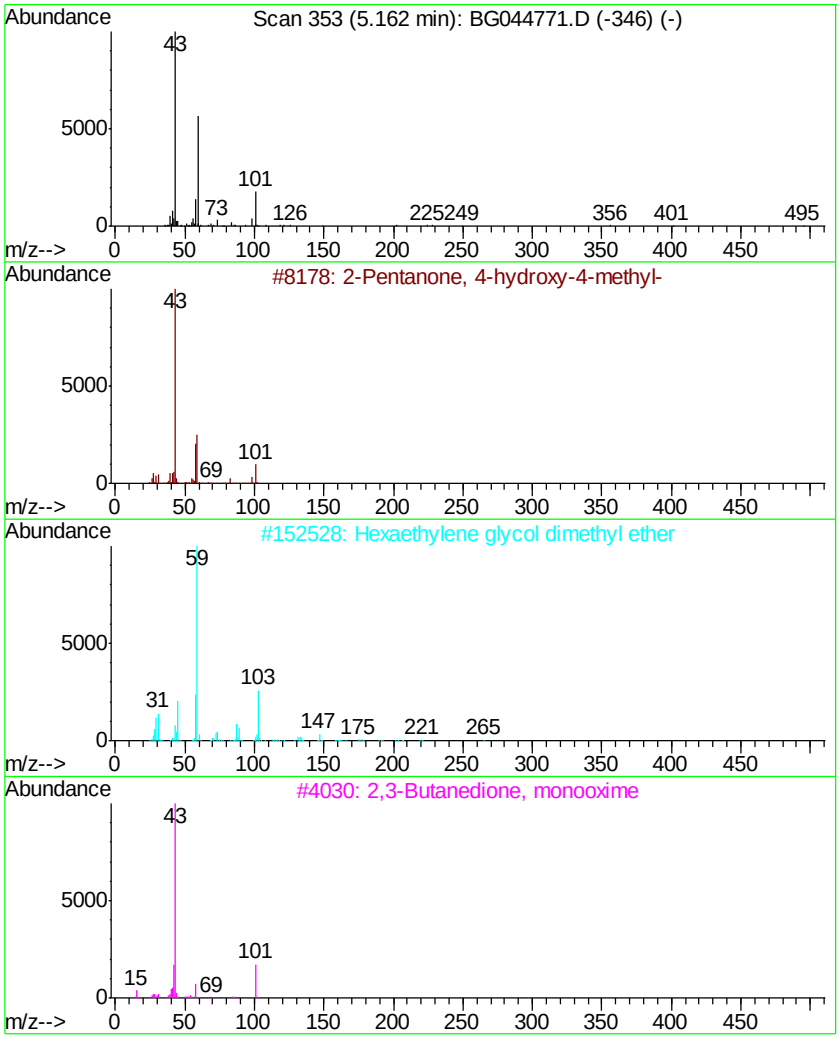
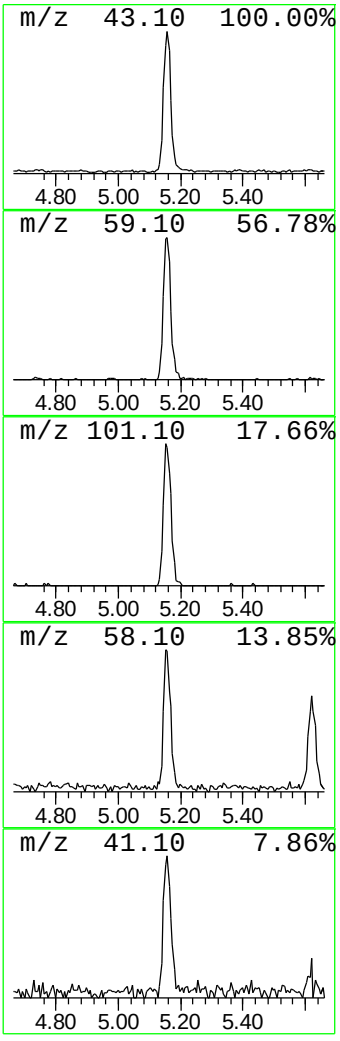
Peak Number 3 unknown5.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	6.69 ng	253197	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
Operator : CG/JU
Sample : L1852-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

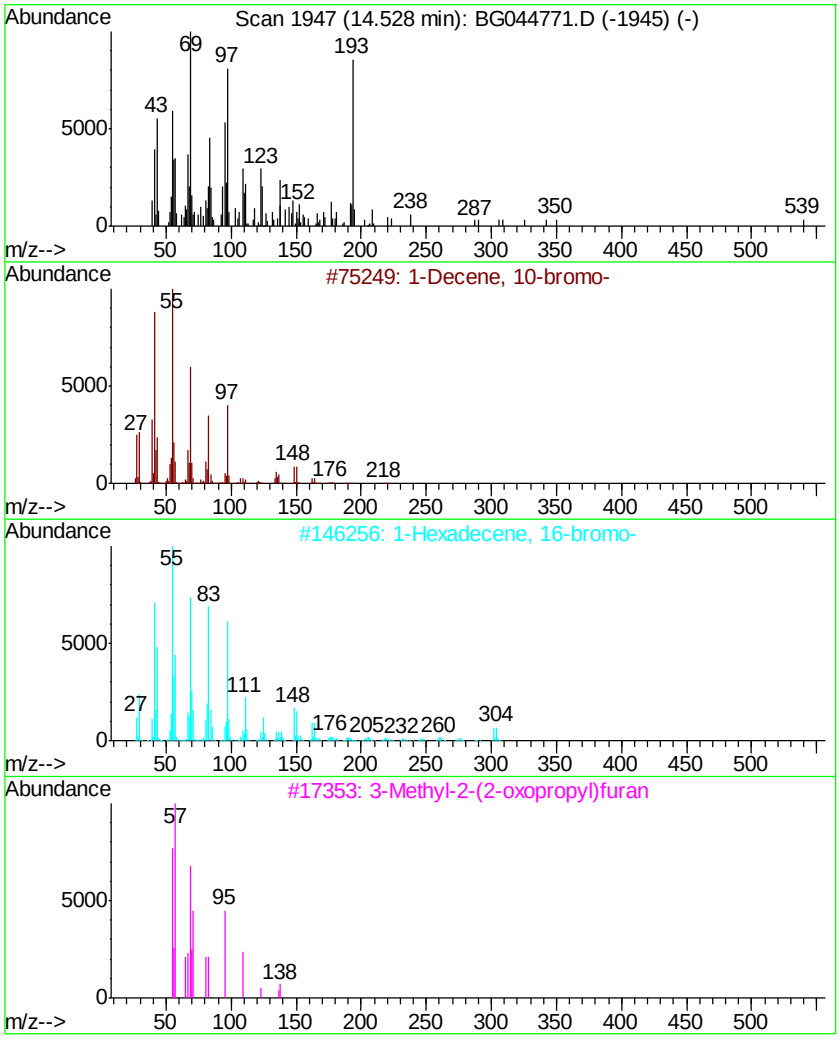
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

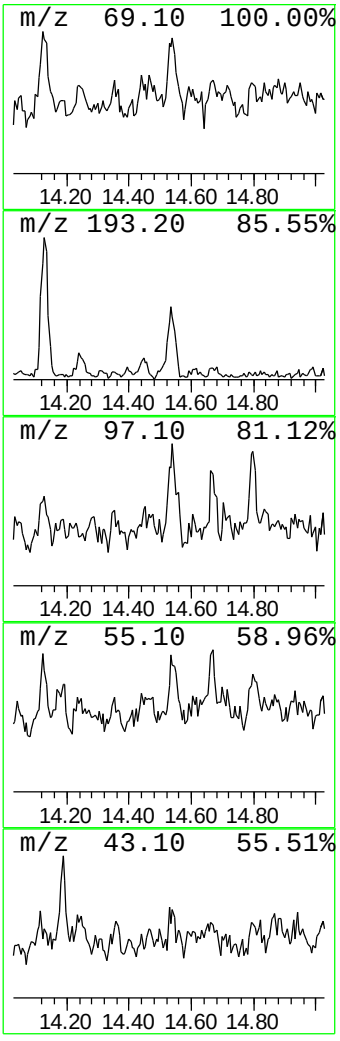
****

Peak Number 5 unknown14.53 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.24 ng	178833	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 10-bromo-	218	C10H19Br	062871-09-4	27
2	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	27
3	3-Methyl-2-(2-oxopropyl)furan	138	C8H10O2	087773-62-4	27
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	27
5	12-Bromo-1-dodecanol	264	C12H25BrO	003344-77-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
Operator : CG/JU
Sample : L1852-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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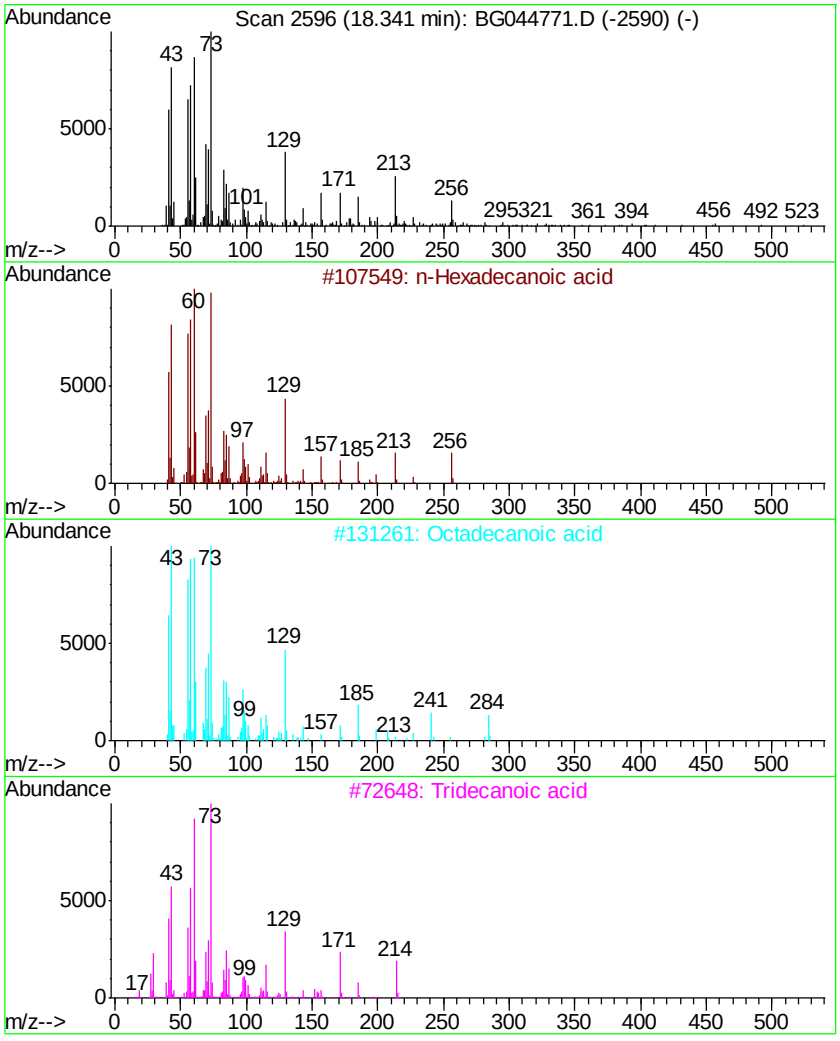
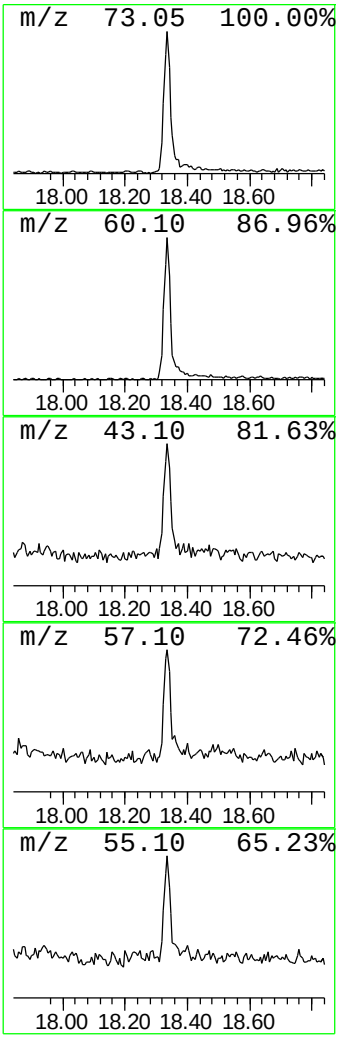
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	7.32 ng	556536	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
Operator : CG/JU
Sample : L1852-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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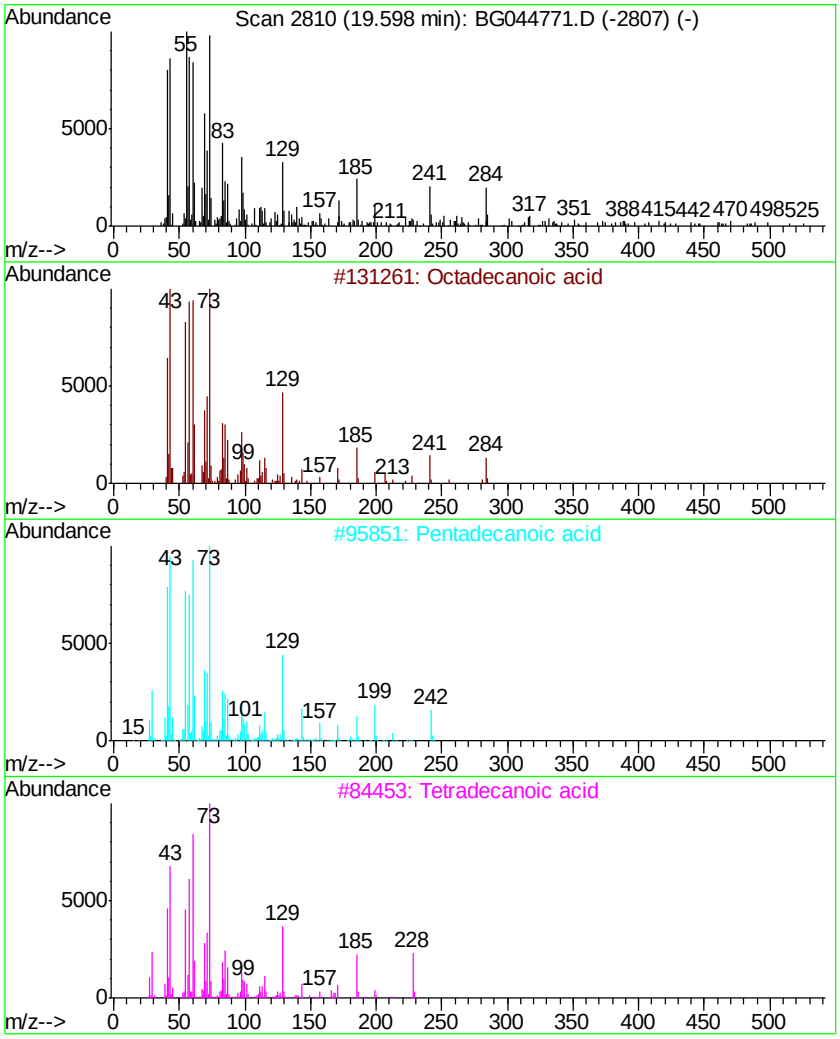
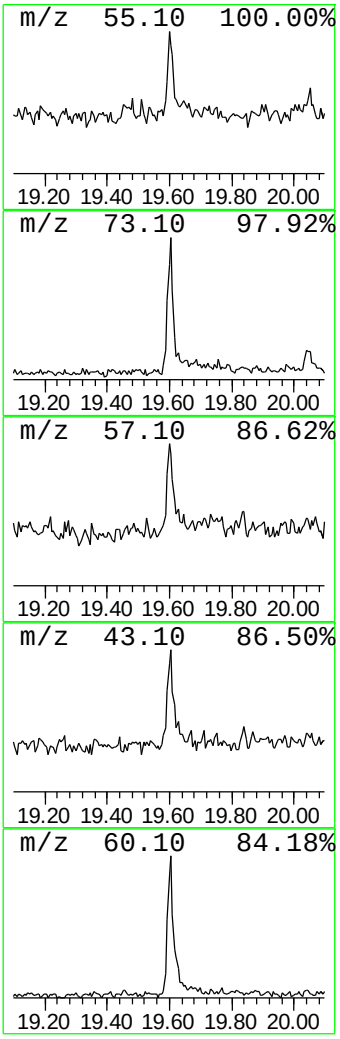
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.78 ng	220422	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





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Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
Operator : CG/JU
Sample : L1852-25
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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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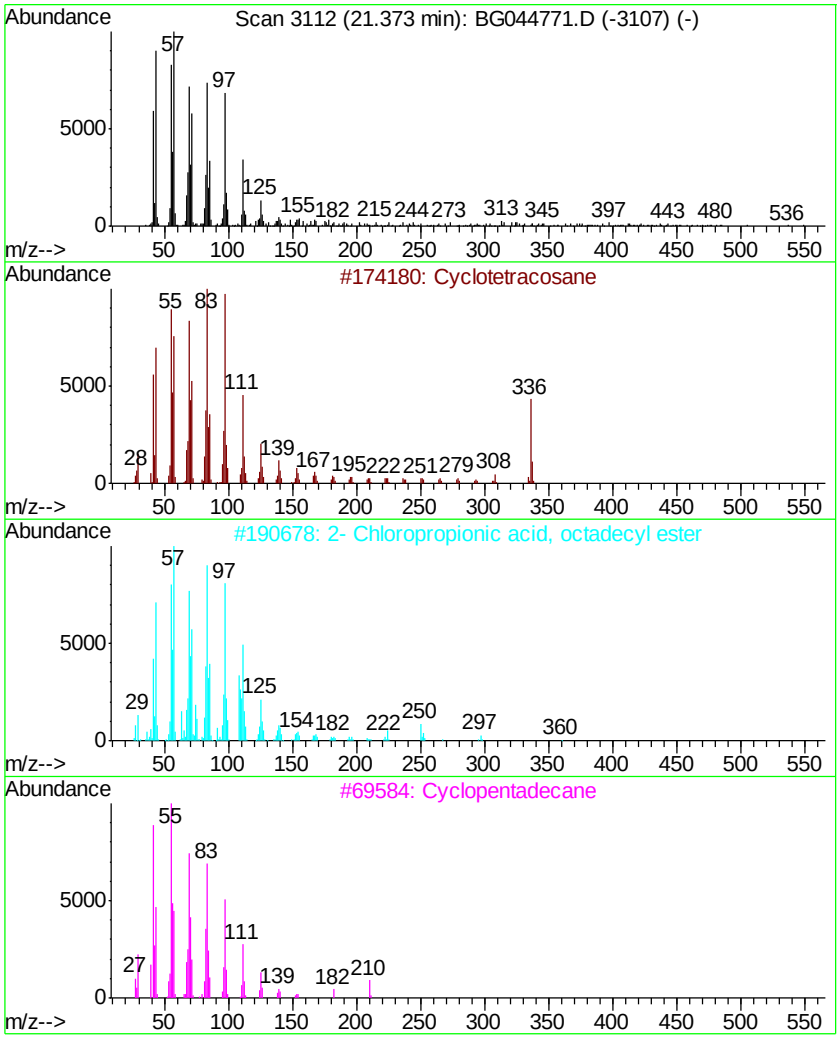
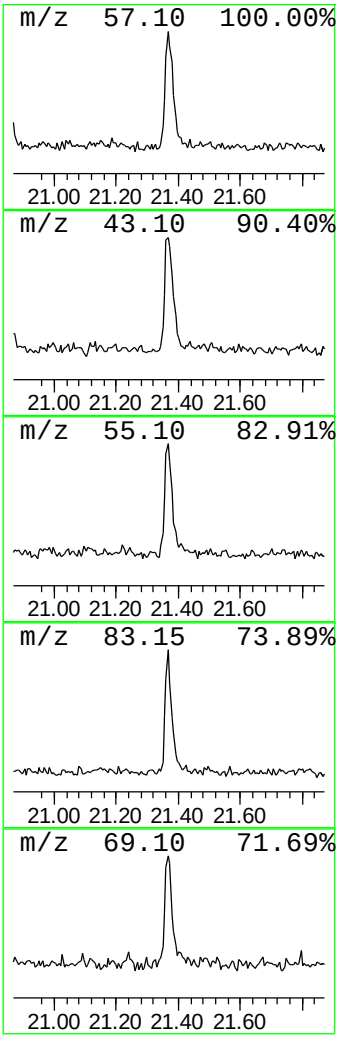
Peak Number 8 Cyclotetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	7.73 ng	611677	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Cyclopentadecane	210	C15H30	000295-48-7	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031320\
Data File : BG044771.D
Acq On : 13 Mar 2020 17:36
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Misc :
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Instrument : BNA_G
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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...	3.24	37.6	ng	1420990	1	8.05	756601	20.0
unknown5.16	5.16	6.7	ng	253197	1	8.05	756601	20.0
unknown14.53	14.53	2.2	ng	178833	3	14.69	1593310	20.0
n-Hexadecanoic acid	18.34	7.3	ng	556536	4	17.44	1521600	20.0
Octadecanoic acid	19.60	2.8	ng	220422	5	21.70	1583200	20.0
Cyclotetracosane	21.37	7.7	ng	611677	5	21.70	1583200	20.0