LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044851.D
Acq On : 18 Mar 2020 3:05
Operator : CG/JU
Sample : L1917-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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	3.149	3	10	19	rBV3	126258	360710	5.35%	1.043%
2	3.231	19	24	33	rVB2	105305	208384	3.09%	0.602%
3	5.617	423	430	440	rBV	900045	1476197	21.91%	4.267%
4	7.197	691	699	708	rBV	640792	1158736	17.20%	3.349%
5	7.638	768	774	780	rBV	44625	81588	1.21%	0.236%
6	8.043	835	843	851	rBV	326819	589480	8.75%	1.704%
7	8.373	889	899	910	rBV	1407699	2542276	37.73%	7.348%
8	9.201	1027	1040	1050	rBV	1171686	2203143	32.70%	6.368%
9	10.852	1314	1321	1329	rVB	436205	813460	12.07%	2.351%
10	13.302	1730	1738	1746	rBV	3093552	4904704	72.79%	14.176%
11	13.578	1779	1785	1793	rBV	217805	337221	5.00%	0.975%
12	14.125	1872	1878	1889	rVB	277708	433551	6.43%	1.253%
13	14.677	1964	1972	1981	rBV	765349	1155839	17.15%	3.341%
14	16.163	2218	2225	2234	rBV	2447896	3868615	57.42%	11.182%
15	16.910	2346	2352	2359	rVB	522027	709595	10.53%	2.051%
16	17.421	2432	2439	2446	rBV	876421	1382729	20.52%	3.997%
17	18.320	2587	2592	2601	rBV	392388	595453	8.84%	1.721%
18	19.589	2804	2808	2813	rBV2	149293	213661	3.17%	0.618%
19	19.830	2845	2849	2858	rVB3	55002	114019	1.69%	0.330%
20	20.035	2877	2884	2891	rVB	4904906	6737761	100.00%	19.475%
21	21.351	3103	3108	3114	rBV2	293629	475209	7.05%	1.374%
22	21.686	3159	3165	3173	rVB	822514	1389571	20.62%	4.016%
23	21.910	3199	3203	3208	rBV	90925	135494	2.01%	0.392%
24	22.526	3303	3308	3317	rBV3	108679	205103	3.04%	0.593%
25	23.232	3422	3428	3437	rVB	124593	246469	3.66%	0.712%
26	24.036	3560	3565	3573	rVB	120739	276329	4.10%	0.799%
27	24.894	3701	3711	3721	rBV2	501698	1451722	21.55%	4.196%
28	25.000	3721	3729	3738	rVB3	106042	276617	4.11%	0.800%
29	26.140	3915	3923	3934	rVB3	84675	253904	3.77%	0.734%

Sum of corrected areas: 34597540

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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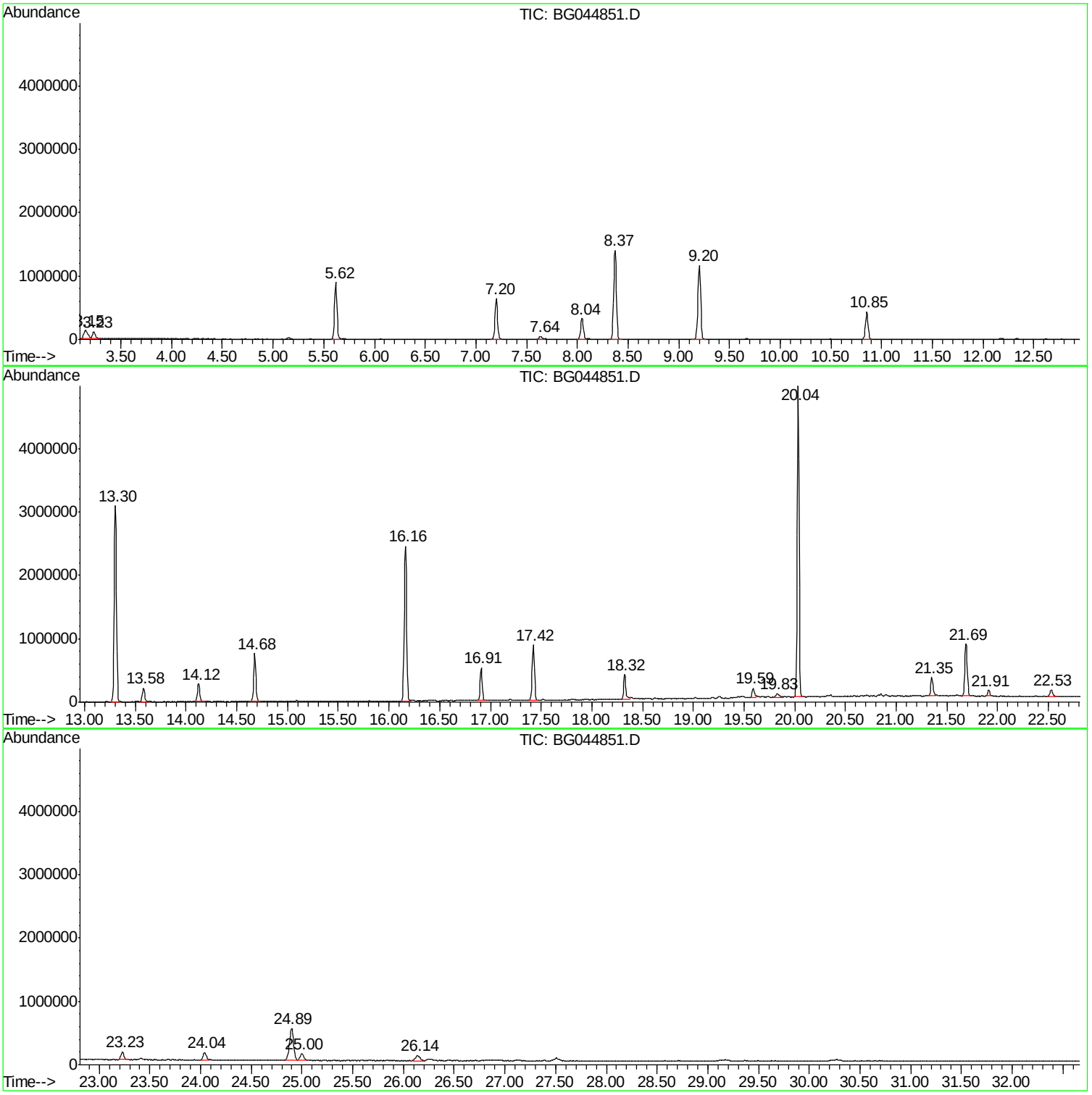
Acq On : 18 Mar 2020 3:05
Operator : CG/JU
Sample : L1917-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-720

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



Library Search Compound Report

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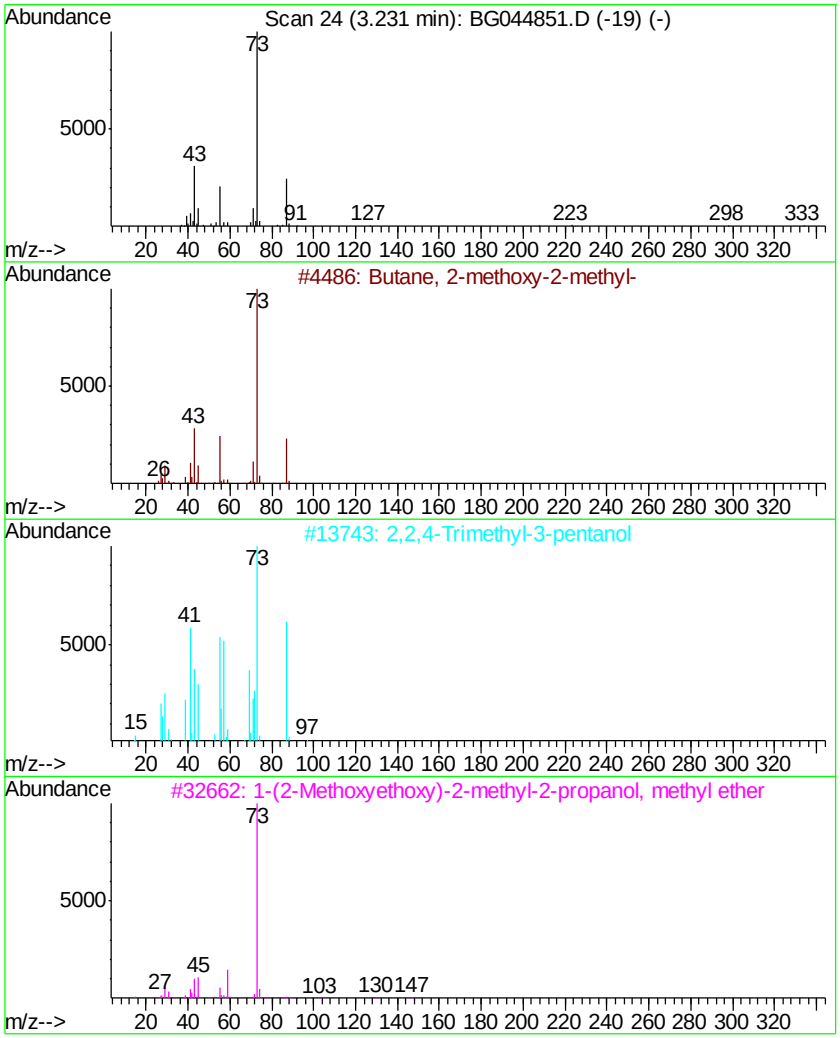
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

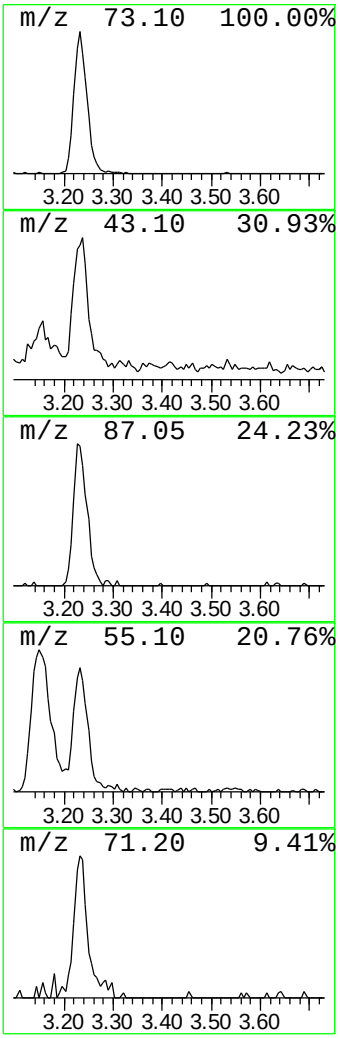
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	7.07 ng	208384	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG044851.D
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Operator : CG/JU
Sample : L1917-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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

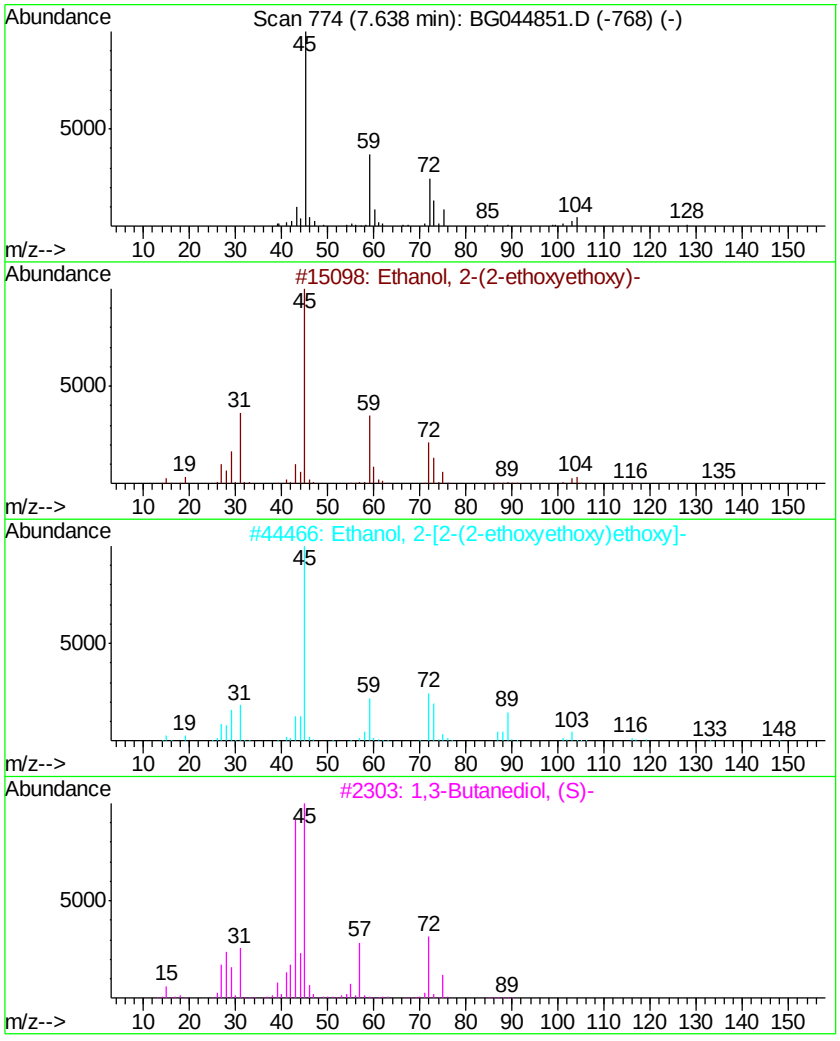
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

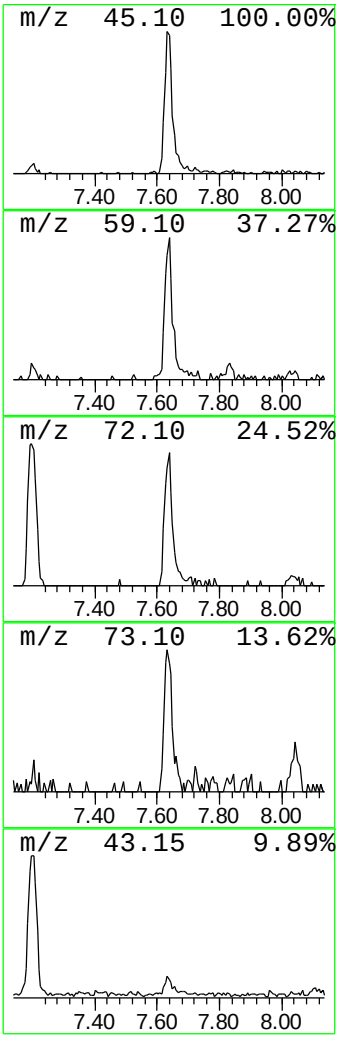
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	2.77 ng	81588	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	40
3	1,3-Butanediol, (S)-	90	C4H10O2	024621-61-2	36
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	36
5	Carbonic acid, ethyl-, methyl ester	104	C4H8O3	000623-53-0	36





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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

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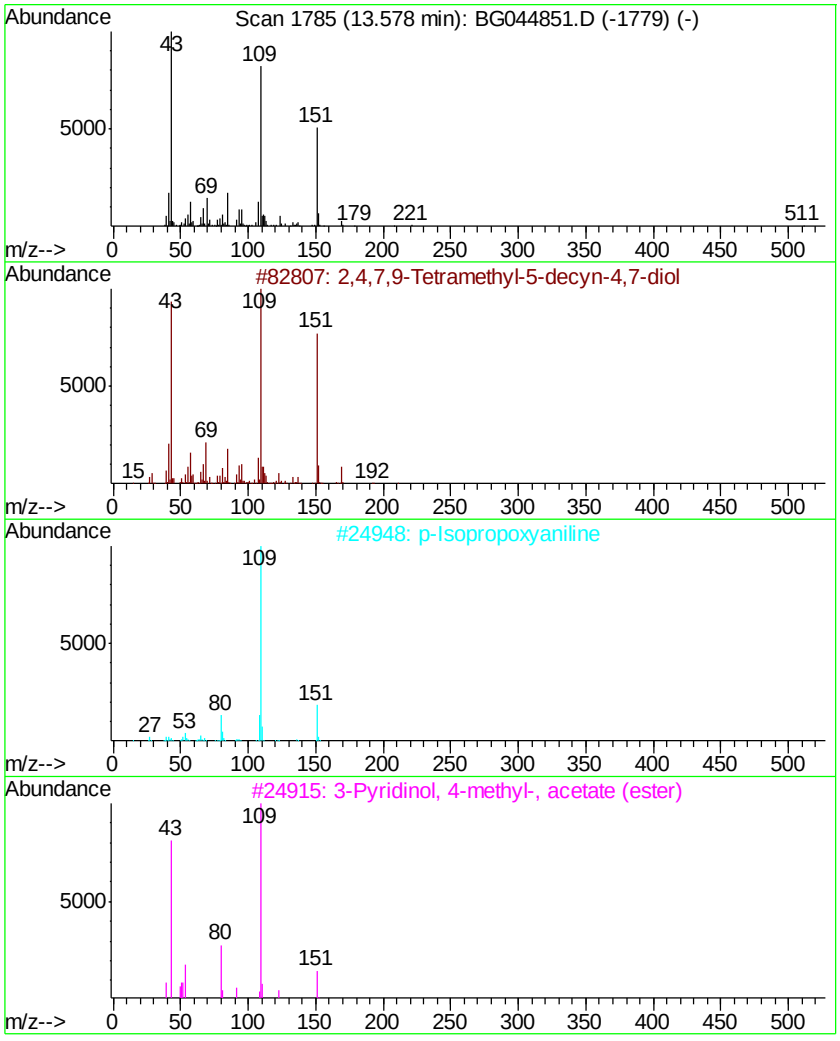
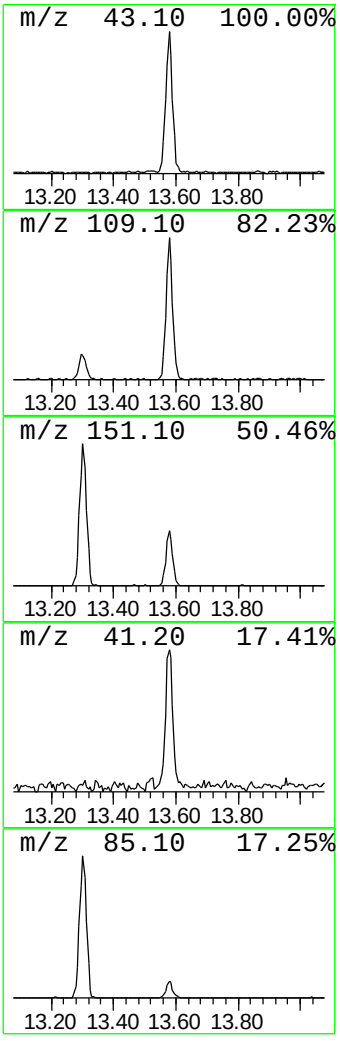
****

Peak Number 5 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	5.84 ng	337221	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	64
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	64
4	Tiocarlide	400	C23H32N2O2S	000910-86-1	59
5	Metacetamol	151	C8H9NO2	000621-42-1	59





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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

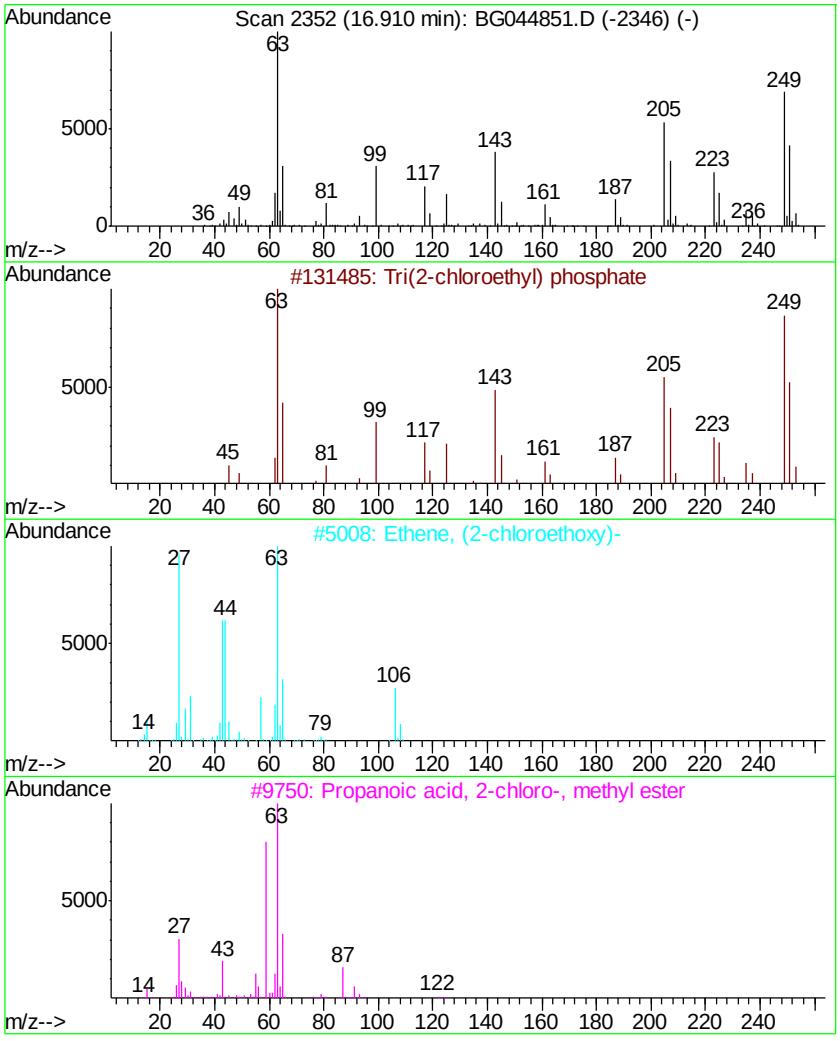
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

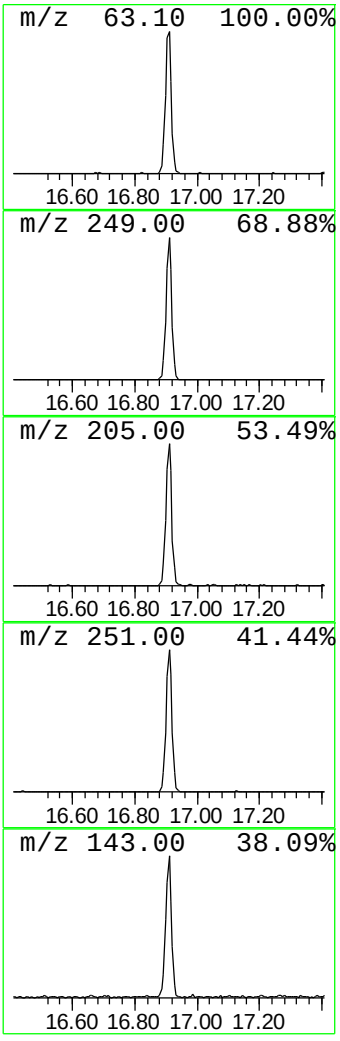
****

Peak Number 6 Tri(2-chloroethyl) phosphate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	10.26 ng	709595	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	95
2	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	47
3	Propanoic acid, 2-chloro-, methy...	122	C4H7ClO2	017639-93-9	47
4	2-Chloroethyl carbonate	186	C5H8Cl2O3	000623-97-2	38
5	Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	38





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Operator : CG/JU
Sample : L1917-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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
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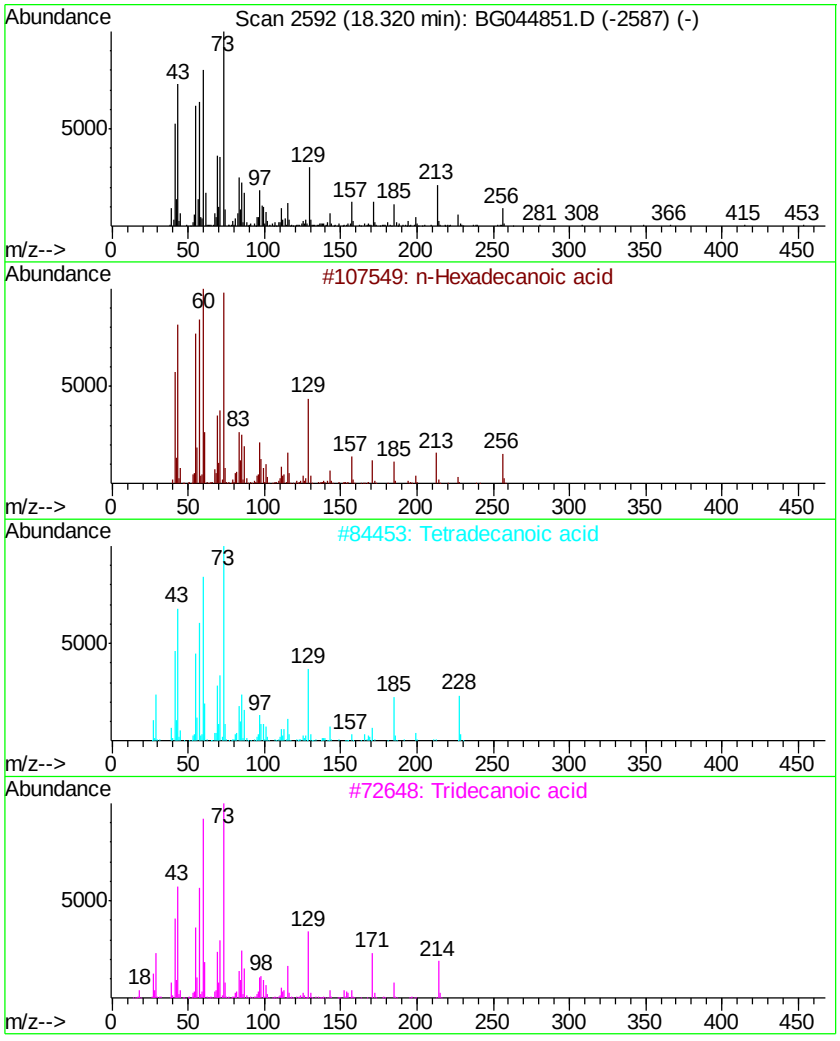
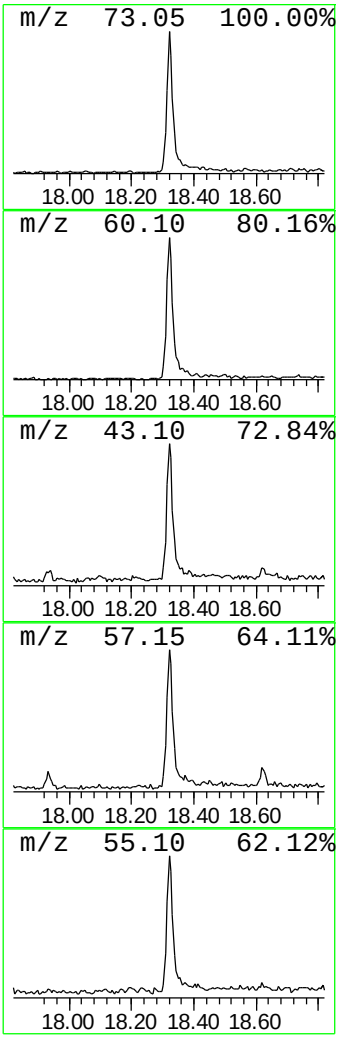
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	8.61 ng	595453	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





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Instrument : BNA_G
ClientSampleId : MH-720

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

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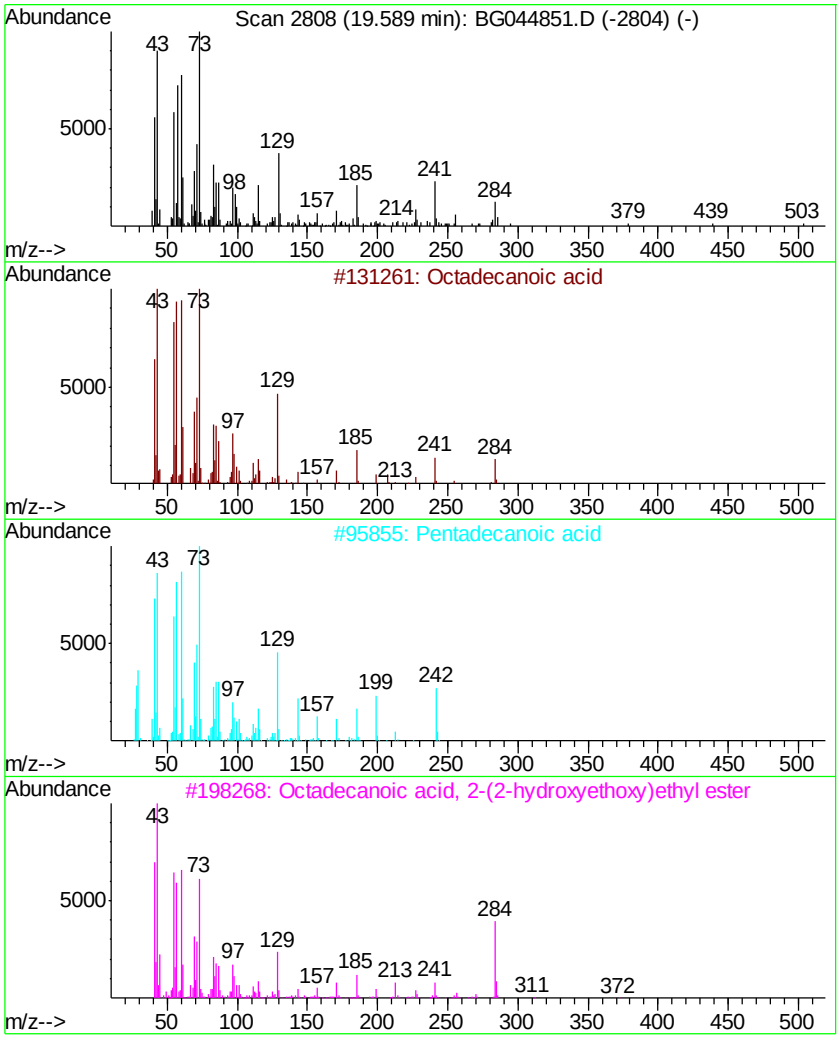
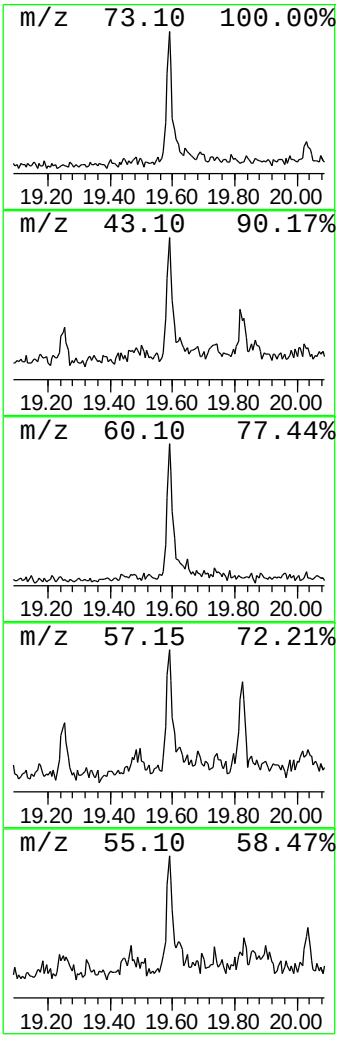
****

Peak Number 8 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	3.08 ng	213661	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	62





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Sample : L1917-04
Misc :
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Instrument : BNA_G
ClientSampleId : MH-720

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
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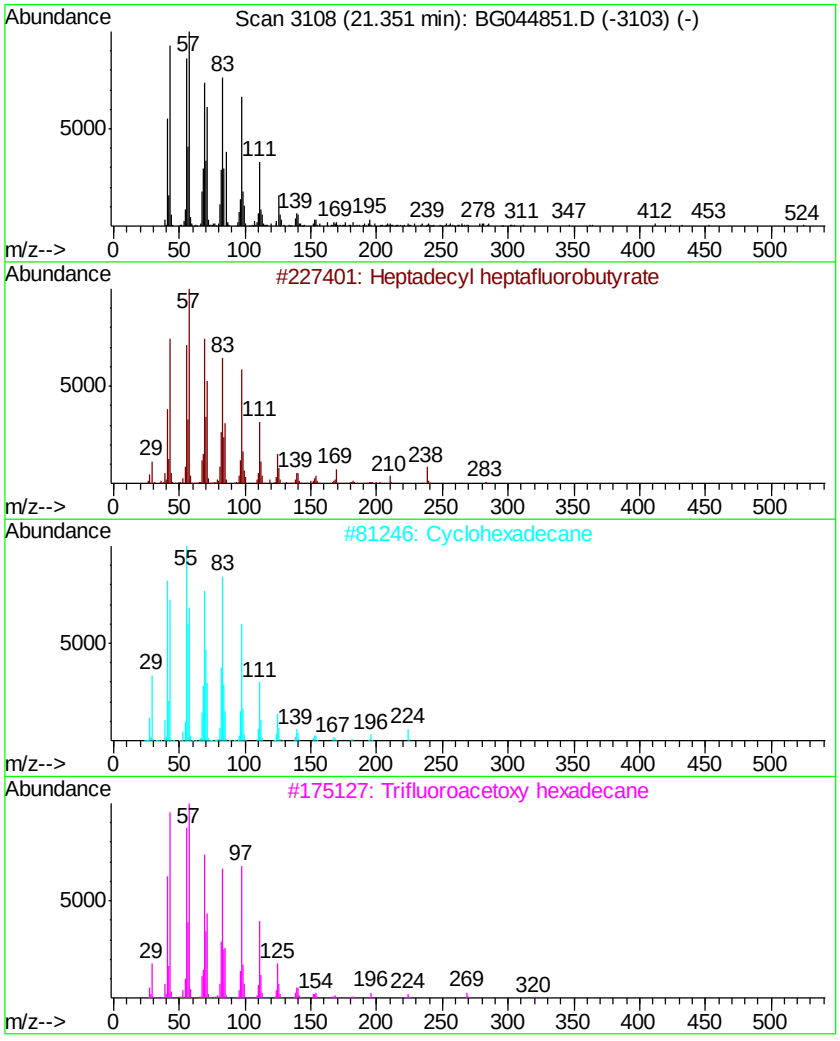
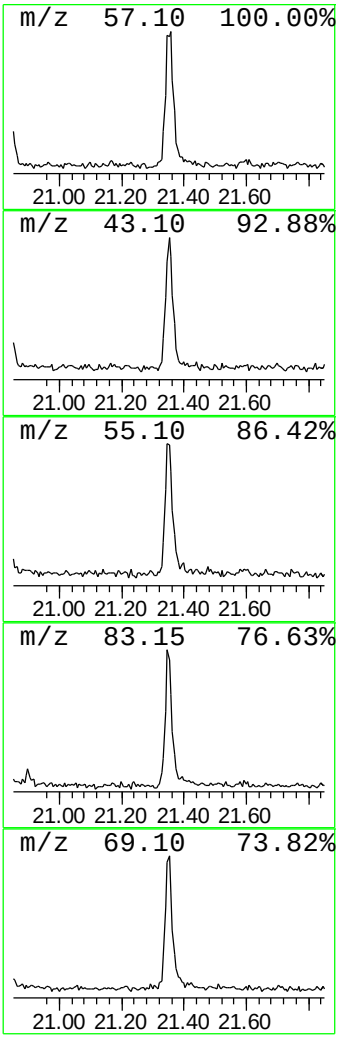
****

Peak Number 9 Heptadecyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.84 ng	475209	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





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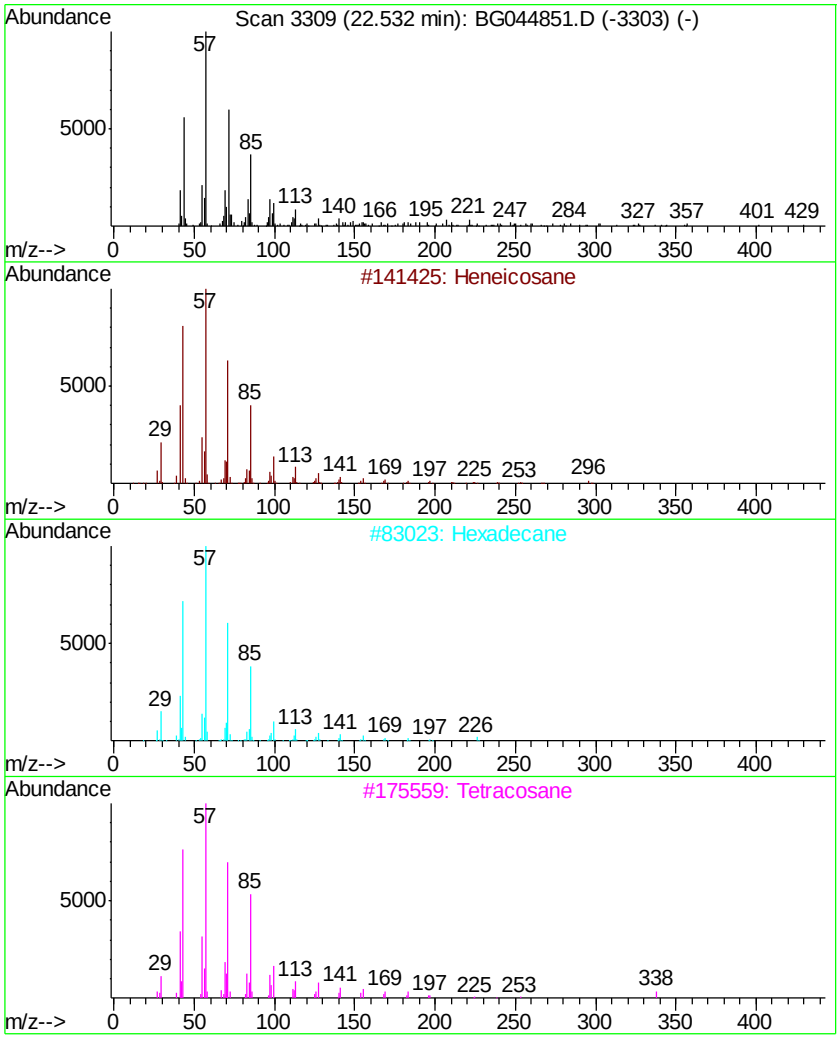
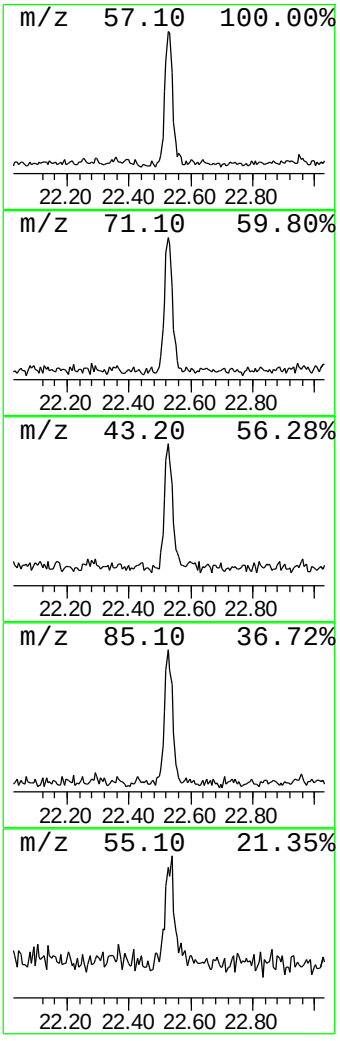
****

Peak Number 10 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	2.95 ng	205103	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tetracosane	338	C24H50	000646-31-1	87
4	Docosane, 9-octyl-	422	C30H62	055319-83-0	86
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86





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Instrument : BNA_G
ClientSampleId : MH-720

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

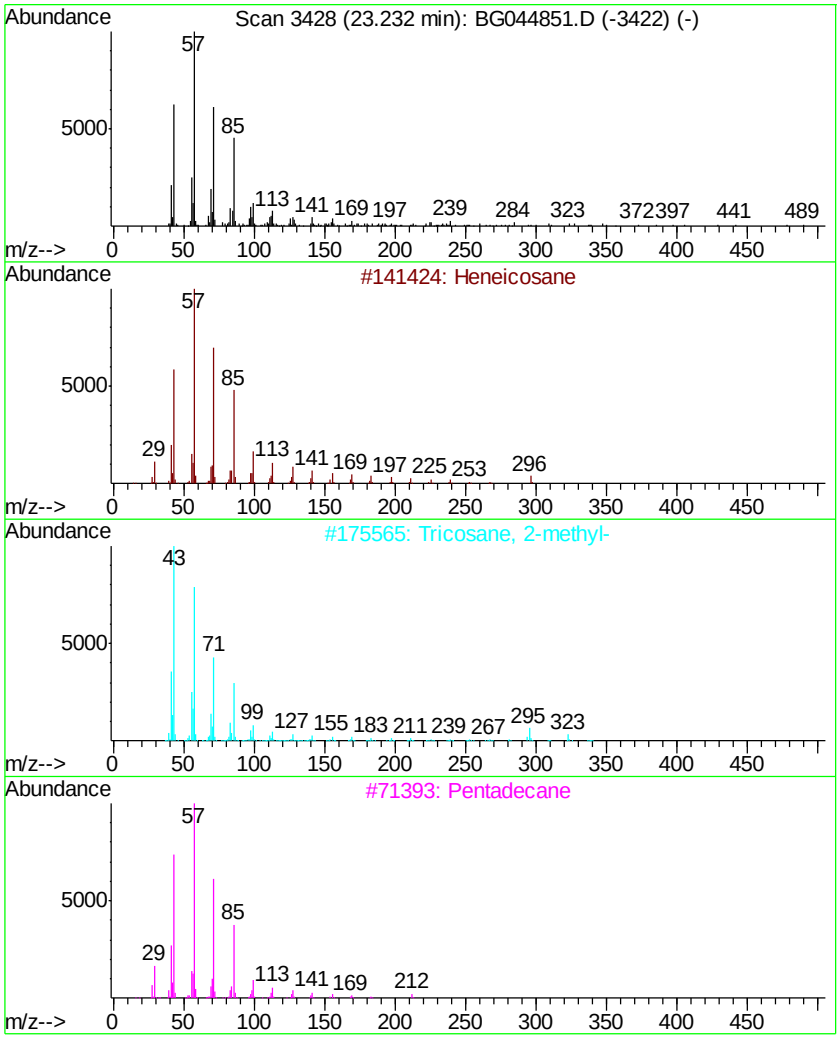
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

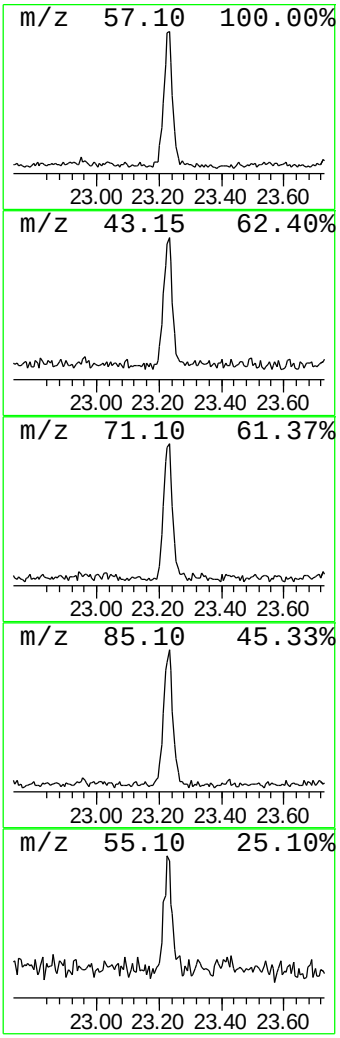
****

Peak Number 11 Tricosane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.55 ng	246469	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
3	Pentadecane	212	C15H32	000629-62-9	92
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
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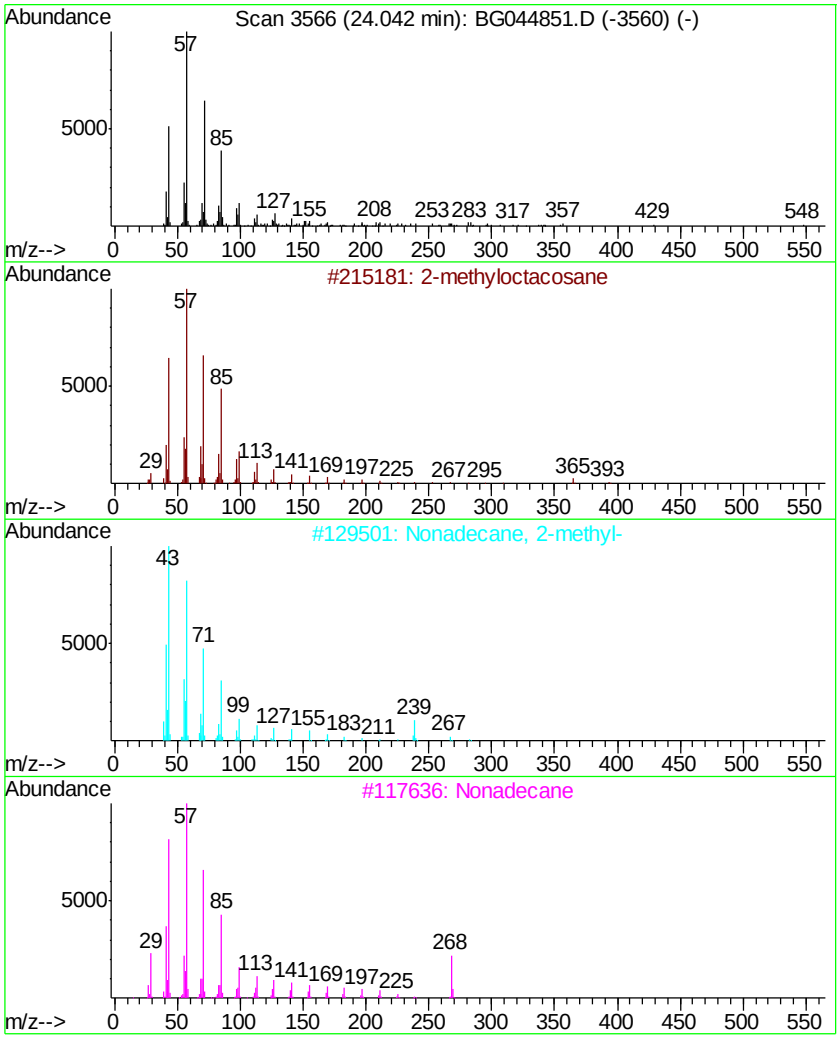
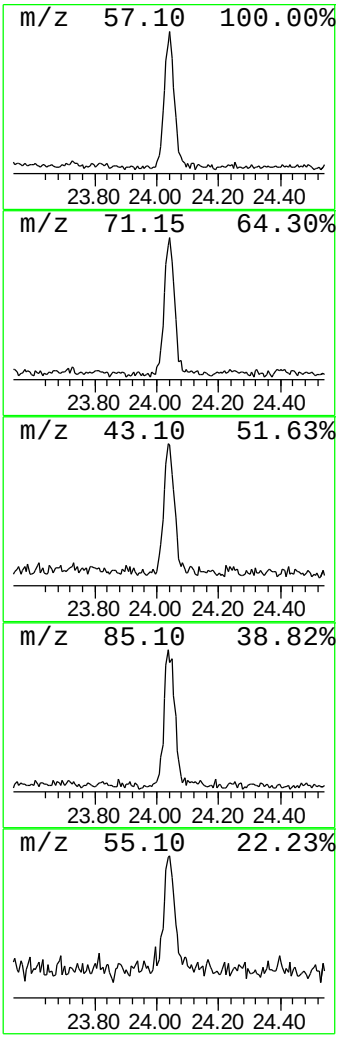
****

Peak Number 12 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	3.81 ng	276329	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	83
3	Nonadecane	268	C19H40	000629-92-5	76
4	Docosane	310	C22H46	000629-97-0	72
5	Tetratetracontane	619	C44H90	007098-22-8	70





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Acq On : 18 Mar 2020 3:05
Operator : CG/JU
Sample : L1917-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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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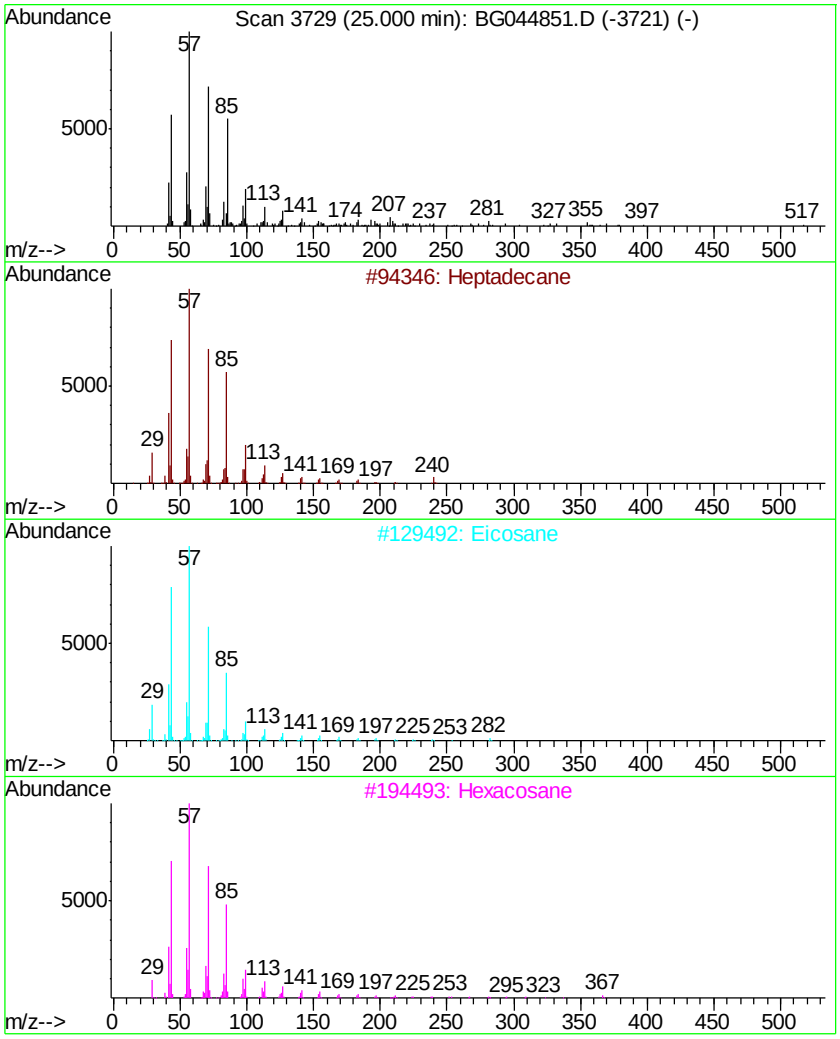
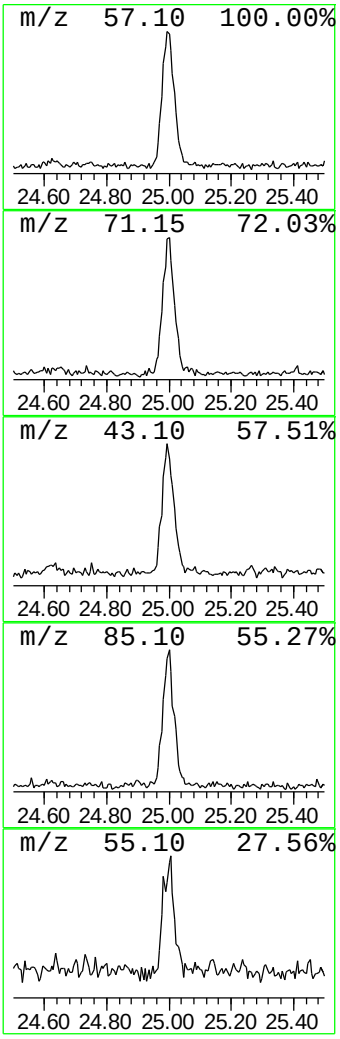
Peak Number 13 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.00	3.81 ng	276617	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptacosane	380	C27H56	000593-49-7	86





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Operator : CG/JU
Sample : L1917-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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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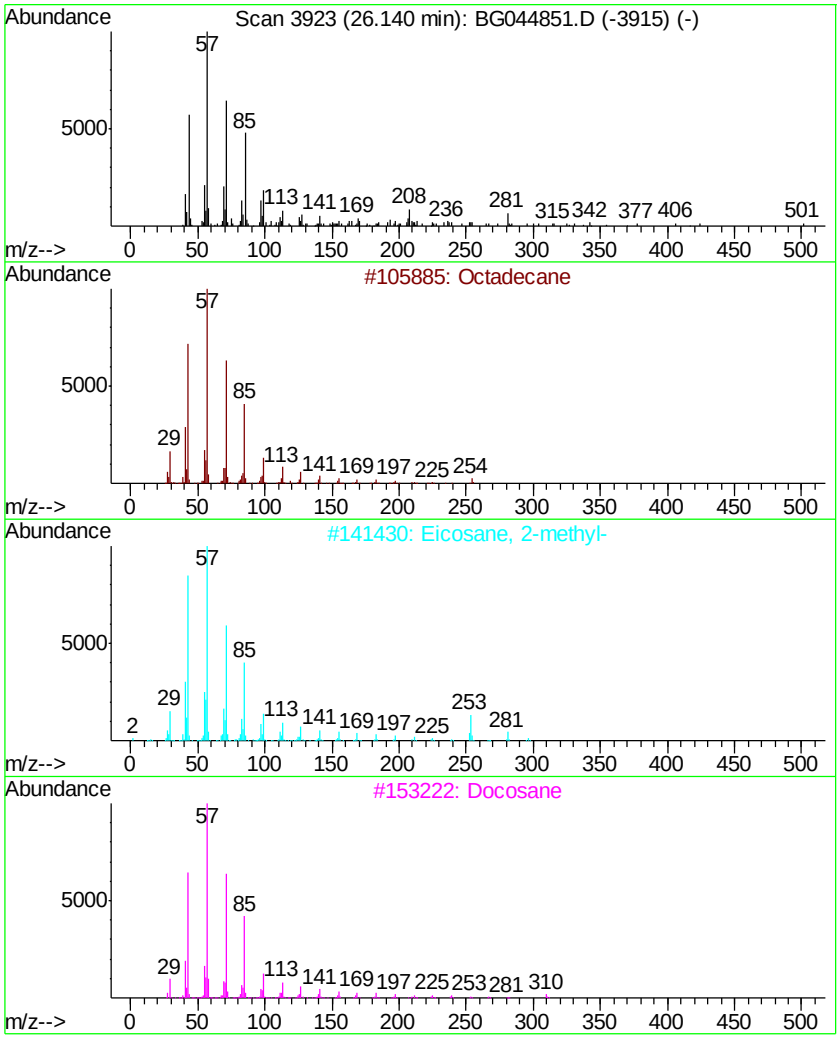
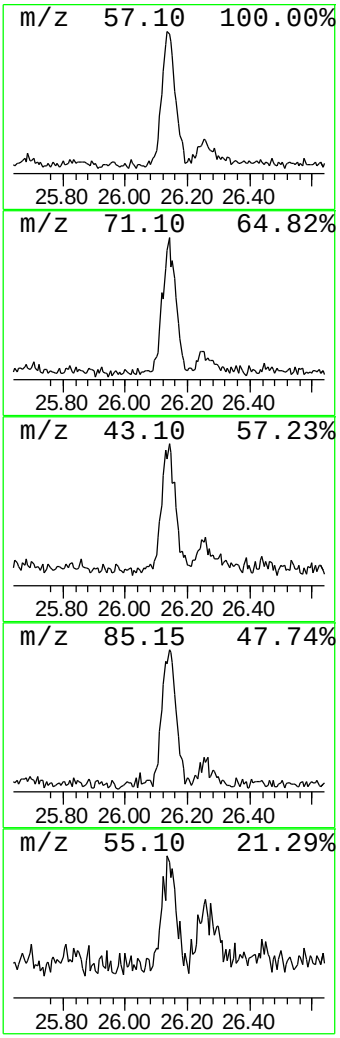
Peak Number 14 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	3.50 ng	253904	Perylene-d12	24.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80
3	Docosane	310	C22H46	000629-97-0	74
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	74
5	2-methyltetracosane	352	C25H52	1000376-72-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031720\
Data File : BG044851.D
Acq On : 18 Mar 2020 3:05
Operator : CG/JU
Sample : L1917-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-720

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...	3.23	7.1	ng	208384	1	8.05	589480	20.0
Ethanol, 2-(2-eth...	7.64	2.8	ng	81588	1	8.05	589480	20.0
2,4,7,9-Tetrameth...	13.58	5.8	ng	337221	3	14.68	1155840	20.0
Tri(2-chloroethyl...	16.91	10.3	ng	709595	4	17.42	1382730	20.0
n-Hexadecanoic acid	18.32	8.6	ng	595453	4	17.42	1382730	20.0
Octadecanoic acid	19.59	3.1	ng	213661	5	21.69	1389570	20.0
Heptadecyl heptaf...	21.35	6.8	ng	475209	5	21.69	1389570	20.0
Heneicosane	22.53	3.0	ng	205103	5	21.69	1389570	20.0
Tricosane, 2-methyl-	23.23	3.5	ng	246469	5	21.69	1389570	20.0
2-methyloctacosane	24.04	3.8	ng	276329	6	24.89	1451720	20.0
Heptadecane	25.00	3.8	ng	276617	6	24.89	1451720	20.0
Octadecane	26.14	3.5	ng	253904	6	24.89	1451720	20.0