LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043450.D
Acq On : 1 Nov 2019 1:31
Operator : JU
Sample : K5602-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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	3.194	13	18	32	rVB	768441	1379416	37.29%	7.252%
2	5.127	342	347	358	rBV	78890	128803	3.48%	0.677%
3	5.615	423	430	445	rBV	455152	800128	21.63%	4.207%
4	7.207	694	701	713	rBV	288238	597828	16.16%	3.143%
5	7.565	754	762	775	rBV	729791	1309465	35.40%	6.884%
6	8.024	833	840	848	rBV	143520	251991	6.81%	1.325%
7	8.347	887	895	907	rBV	572993	1020188	27.58%	5.364%
8	9.187	1030	1038	1053	rBV	391032	780699	21.10%	4.105%
9	10.832	1310	1318	1329	rBV	151025	314546	8.50%	1.654%
10	13.276	1726	1734	1749	rBV	1212006	2043945	55.25%	10.746%
11	14.099	1868	1874	1889	rBV	110507	199233	5.39%	1.047%
12	14.651	1958	1968	1978	rBV2	307592	501465	13.56%	2.636%
13	16.144	2213	2222	2240	rBV	1064765	1846030	49.90%	9.705%
14	17.395	2429	2435	2452	rBV	353125	621601	16.80%	3.268%
15	18.288	2582	2587	2597	rBV2	102061	195368	5.28%	1.027%
16	19.557	2795	2803	2810	rBV3	36468	64718	1.75%	0.340%
17	20.004	2873	2879	2895	rBV	2606065	3699411	100.00%	19.450%
18	20.685	2986	2995	3001	rBV	139738	266266	7.20%	1.400%
19	21.302	3094	3100	3112	rBV3	71144	181470	4.91%	0.954%
20	21.661	3154	3161	3172	rBV	437449	799566	21.61%	4.204%
21	21.778	3177	3181	3185	rVV7	25752	52988	1.43%	0.279%
22	21.843	3189	3192	3200	rVB4	42149	70008	1.89%	0.368%
23	22.454	3289	3296	3301	rBV	52817	90347	2.44%	0.475%
24	23.118	3401	3409	3422	rBV4	260924	624475	16.88%	3.283%
25	23.934	3541	3548	3554	rVB2	58015	117004	3.16%	0.615%
26	24.869	3695	3707	3721	rBV	333953	966054	26.11%	5.079%
27	25.991	3891	3898	3909	rVB6	33379	97536	2.64%	0.513%

Sum of corrected areas: 19020549

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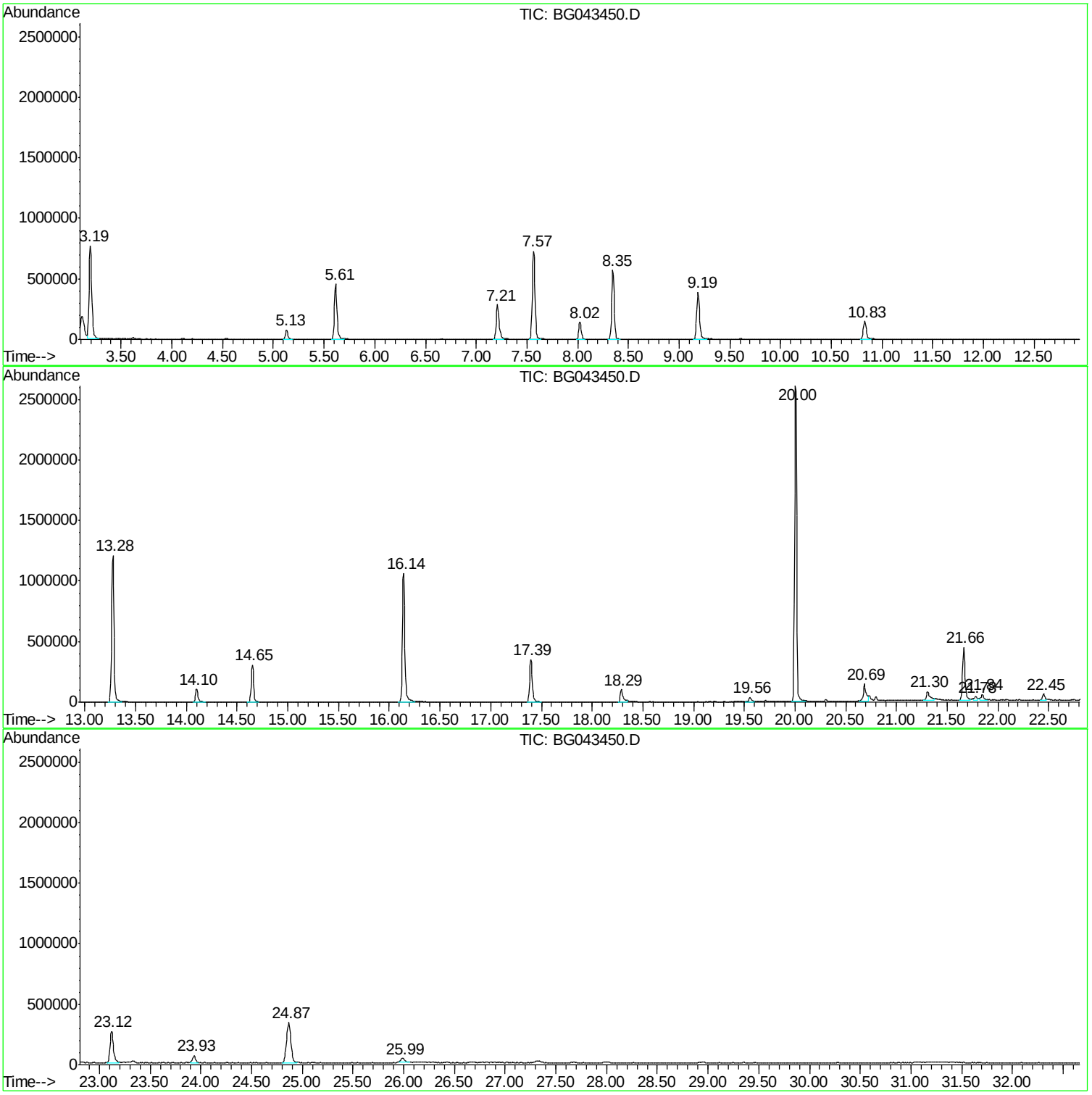
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190937-FIELD-BLANK

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
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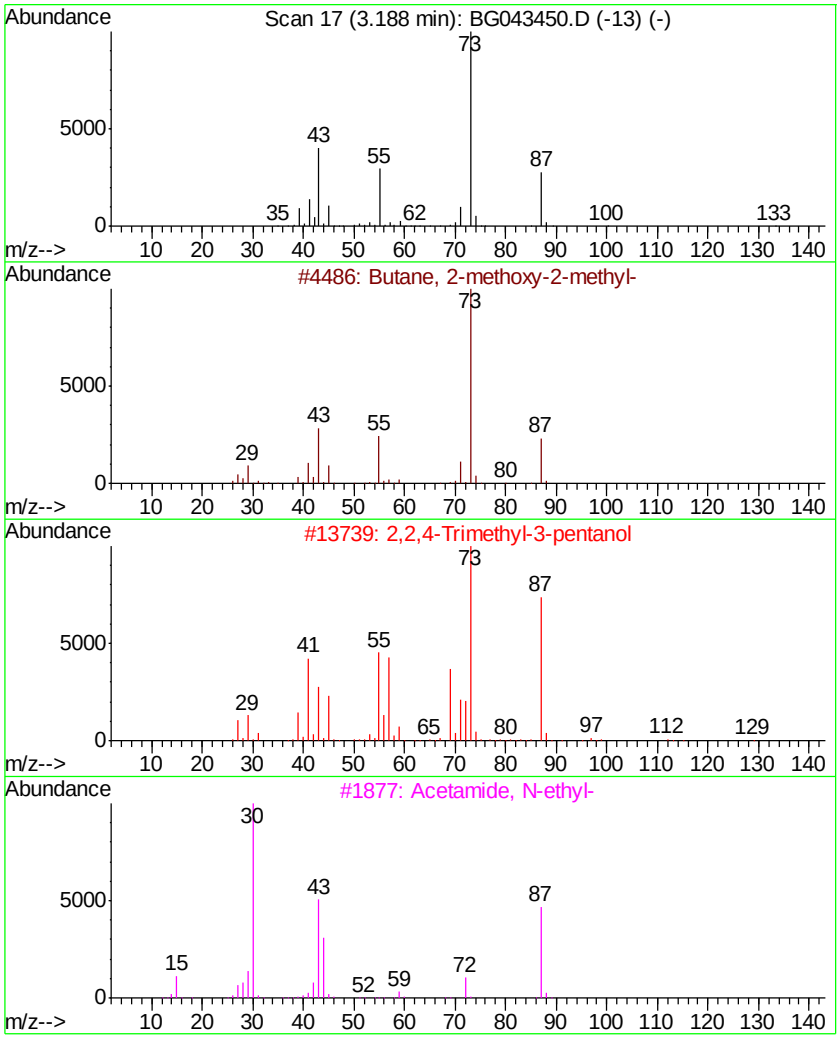
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

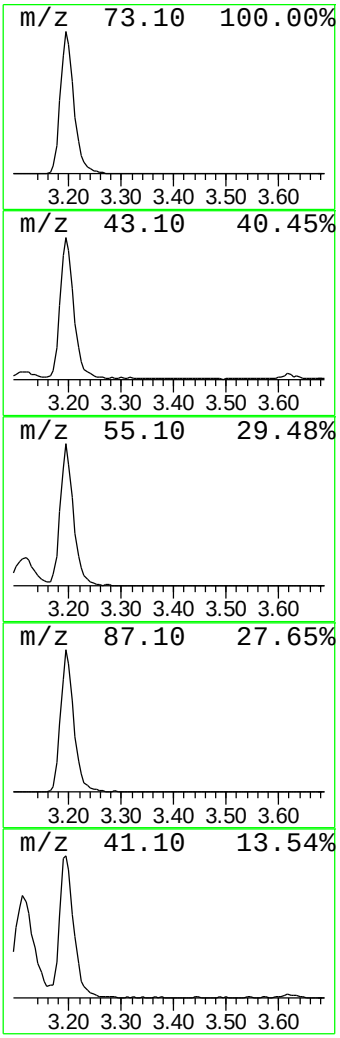
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	109.48 ng	1379420	1,4-Dichlorobenzene-d4	8.02

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	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : JU
Sample : K5602-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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

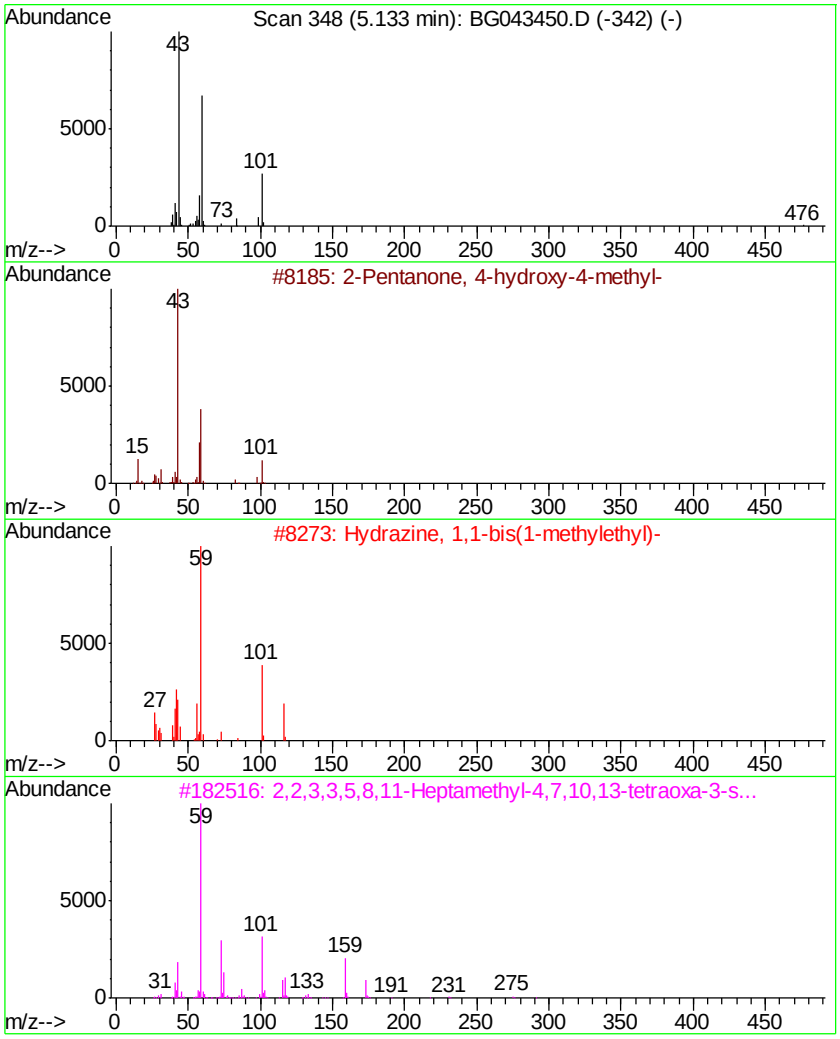
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

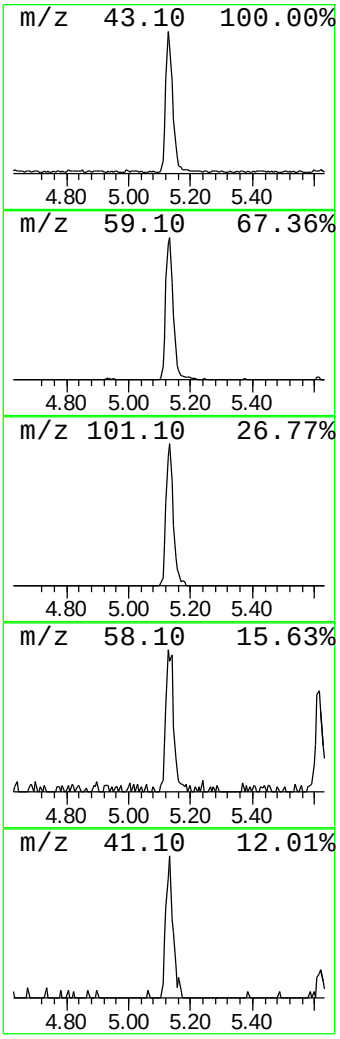
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	10.22 ng	128803	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	23





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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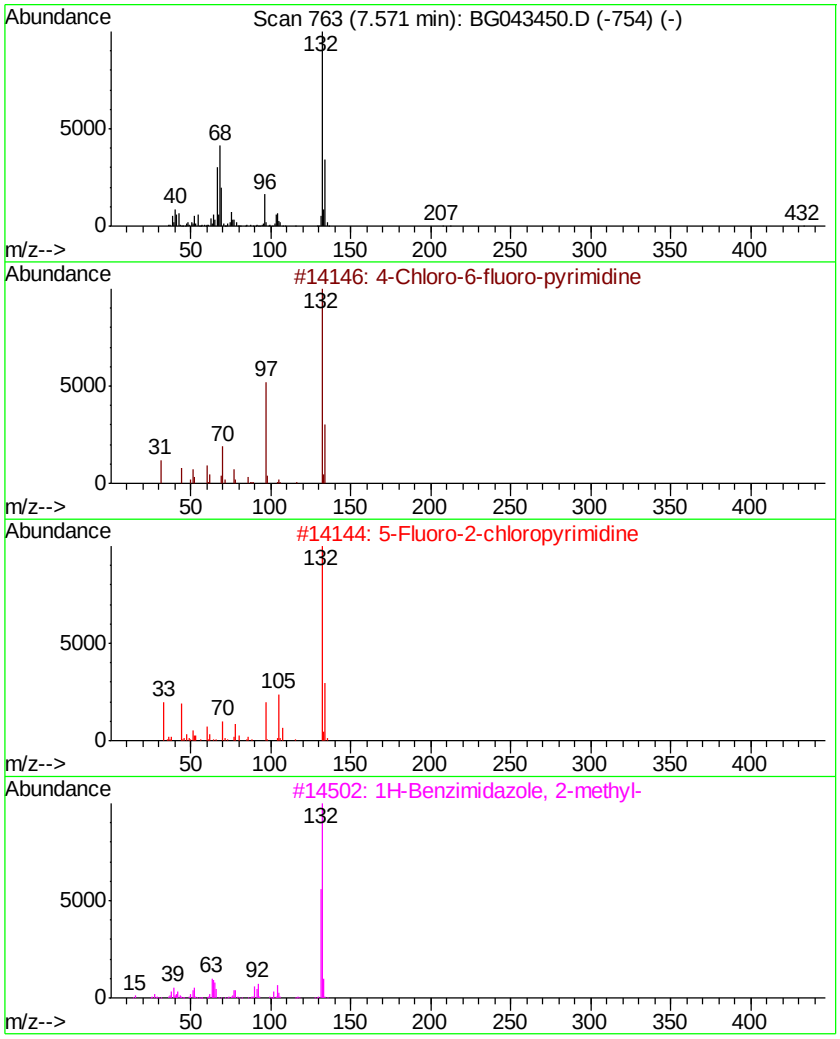
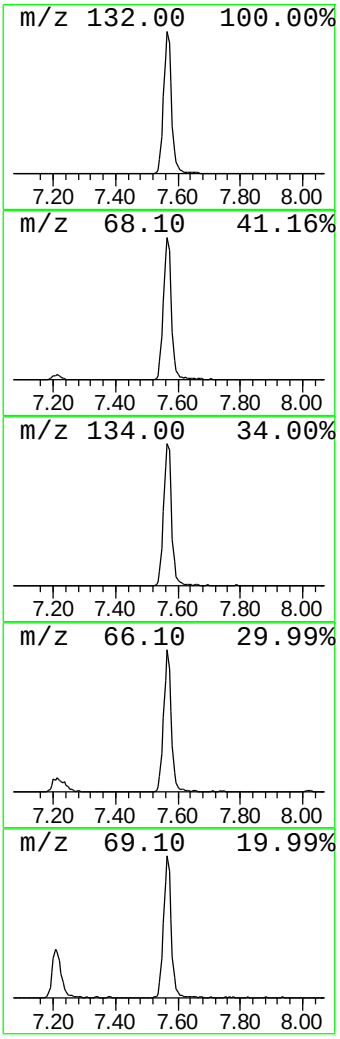
****

Peak Number 3 unknown7.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	103.93 ng	1309470	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Sample : K5602-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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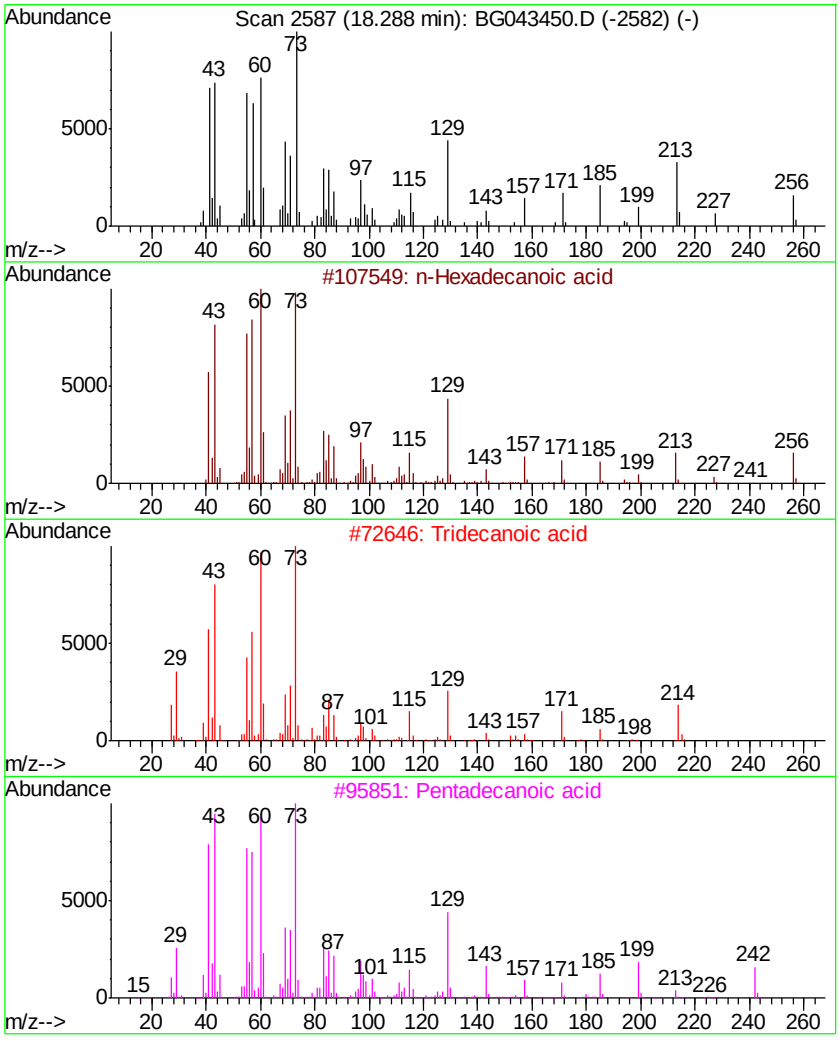
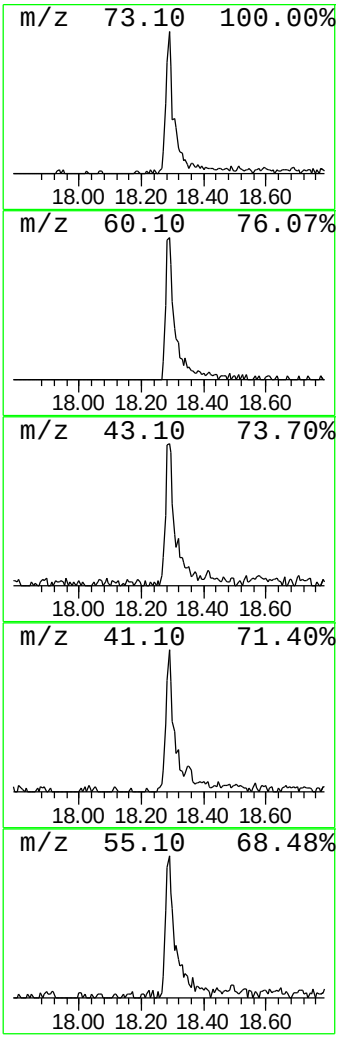
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	6.29 ng	195368	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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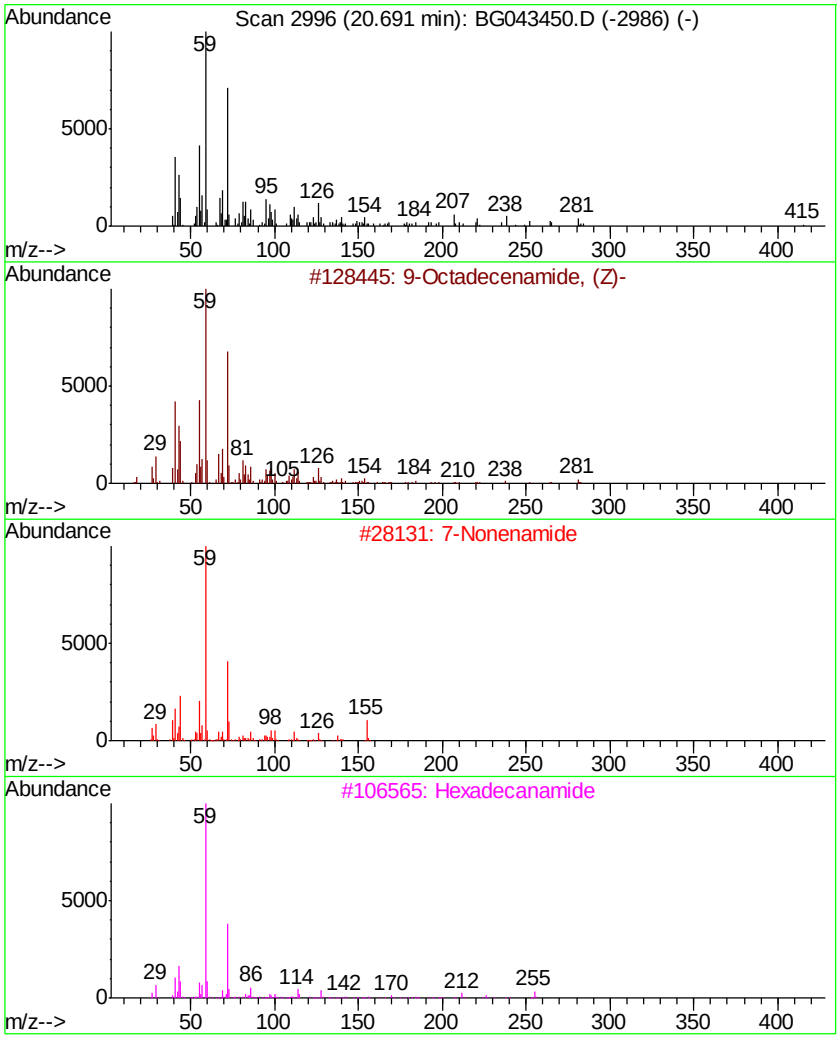
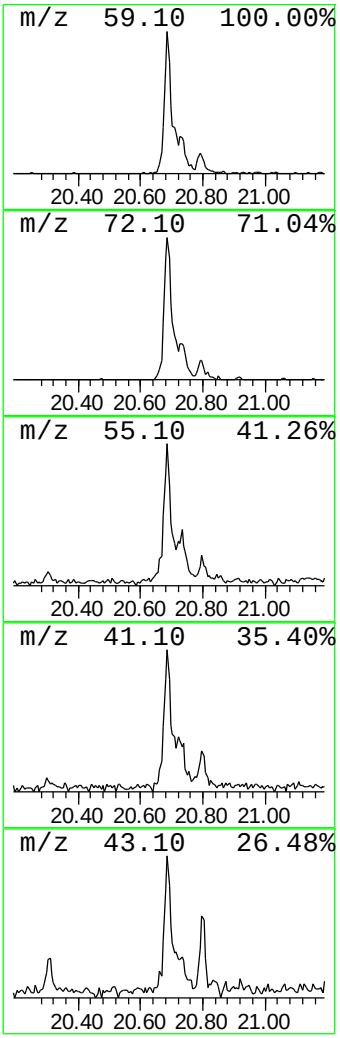
****

Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	6.66 ng	266266	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	7-Nonenamide	155	C9H17NO	090949-53-4	72
3	Hexadecanamide	255	C16H33NO	000629-54-9	64
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59





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Sample : K5602-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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
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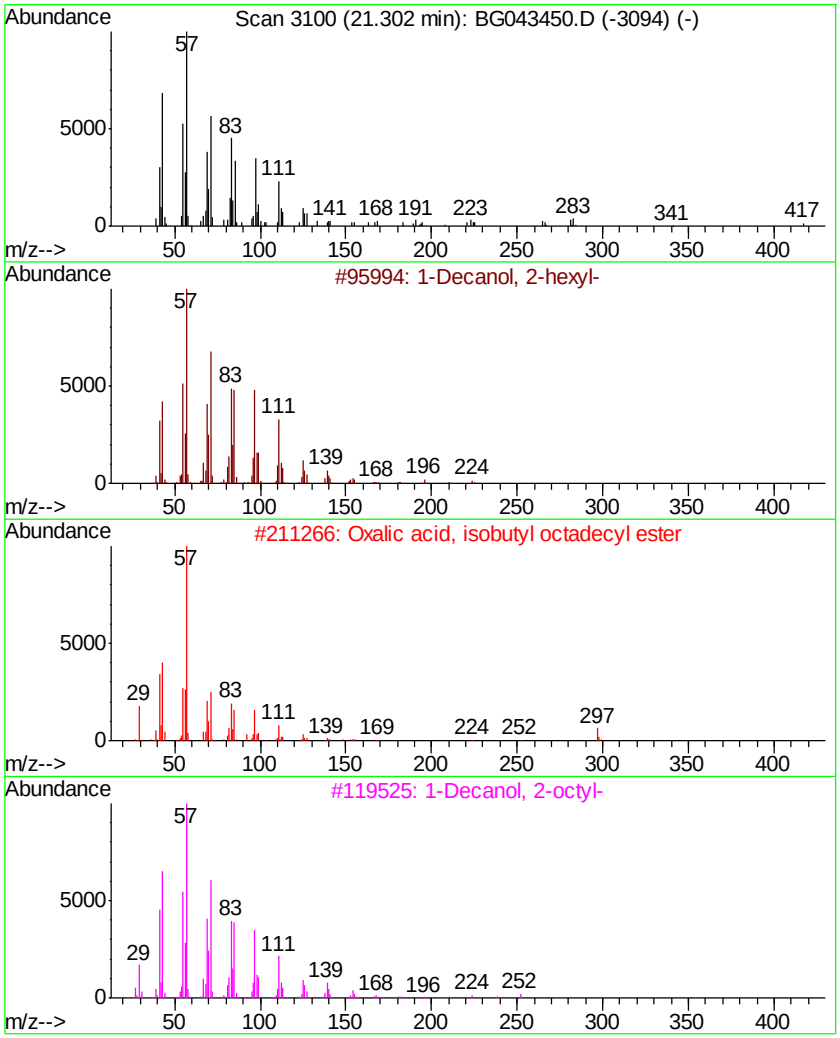
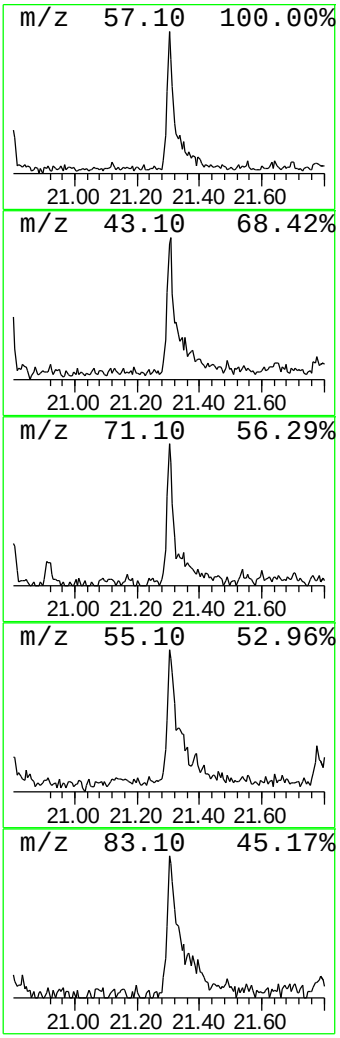
****

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.54 ng	181470	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	90
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	86
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	86





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Sample : K5602-06
Misc :
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Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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
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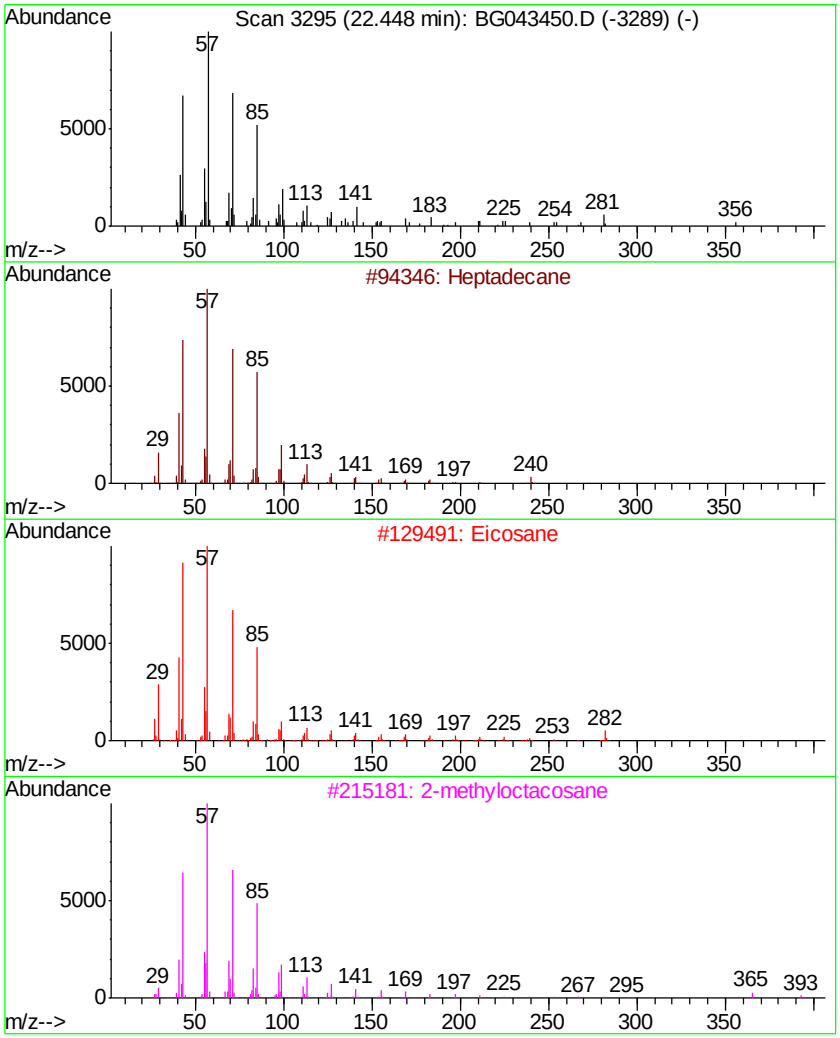
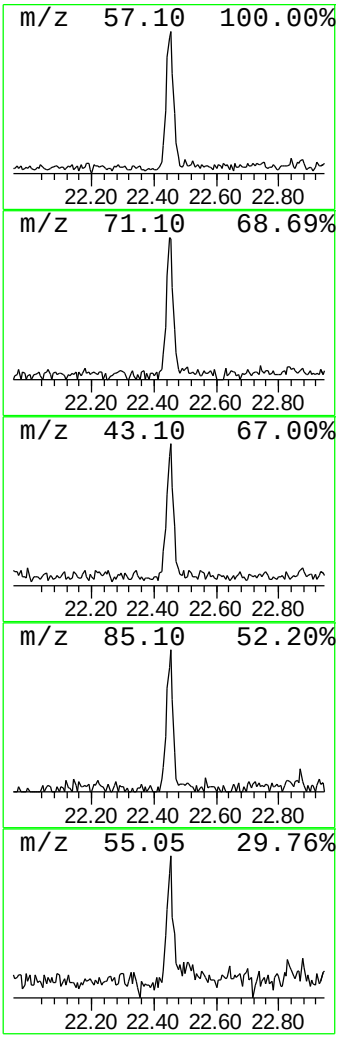
****

Peak Number 8 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.26 ng	90347	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Eicosane	282	C20H42	000112-95-8	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
5	2-methyltetracosane	352	C25H52	1000376-72-6	87





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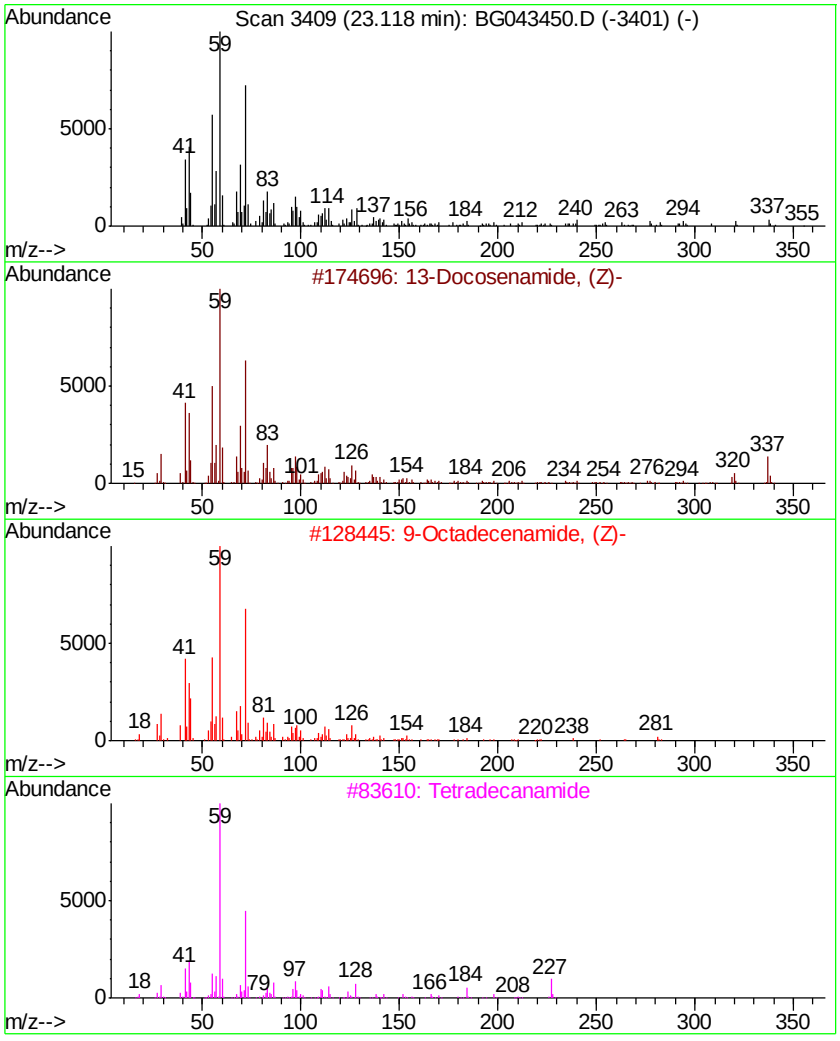
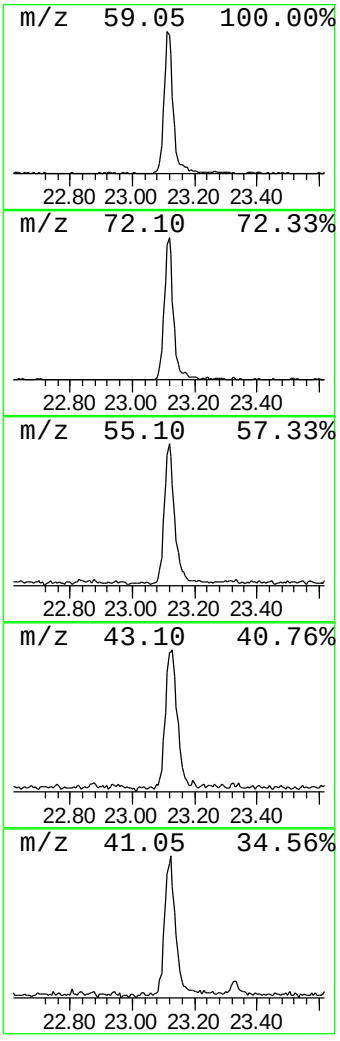
****

Peak Number 9 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	15.62 ng	624475	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	96
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	Tetradecanamide	227	C14H29NO	000638-58-4	72
4	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	53
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	50





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Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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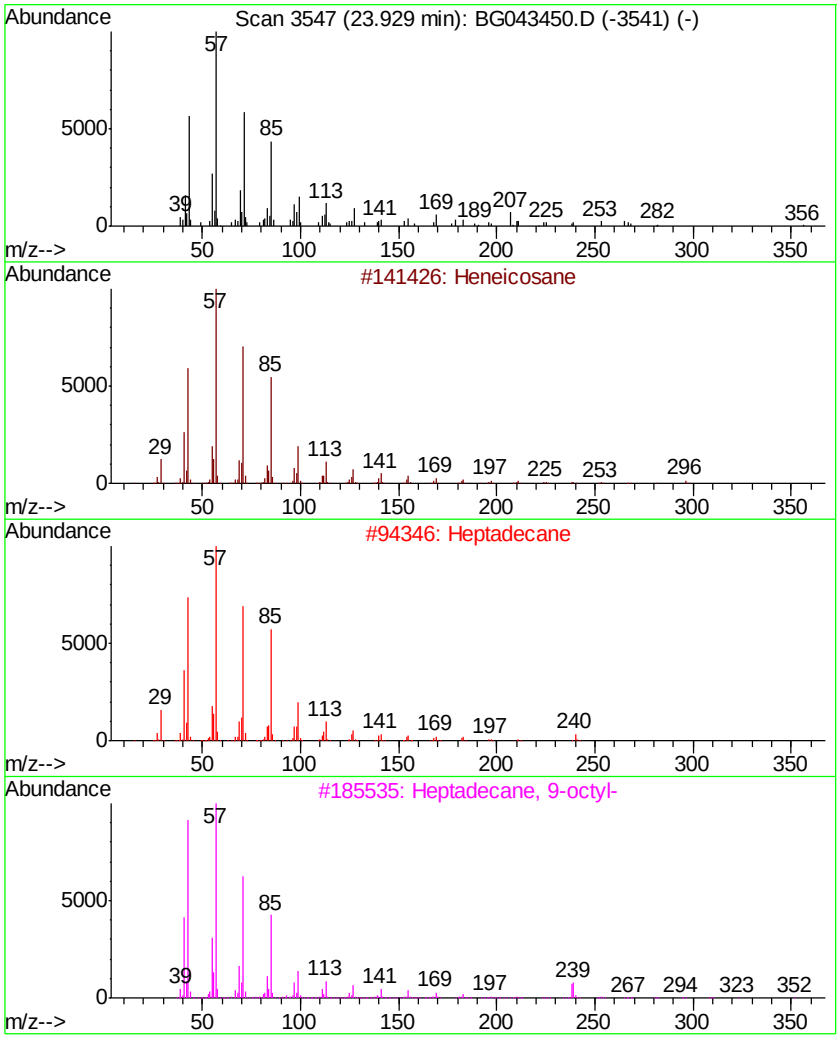
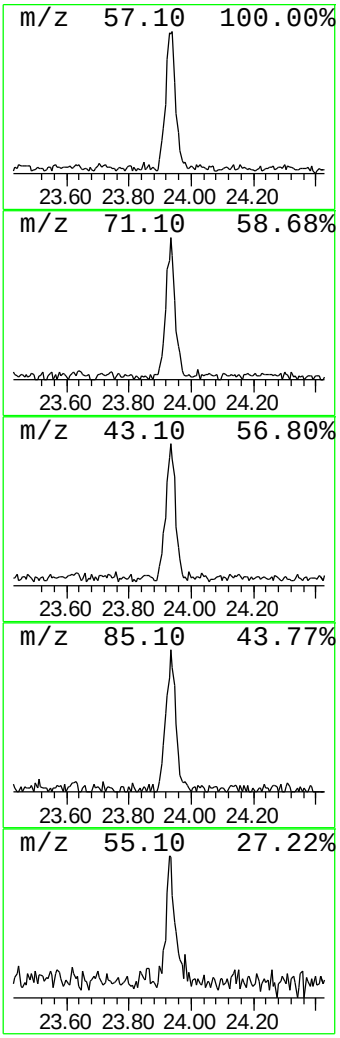
****

Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.42 ng	117004	Perylene-d12	24.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Octacosane	394	C28H58	000630-02-4	83
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83





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Sample : K5602-06
Misc :
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Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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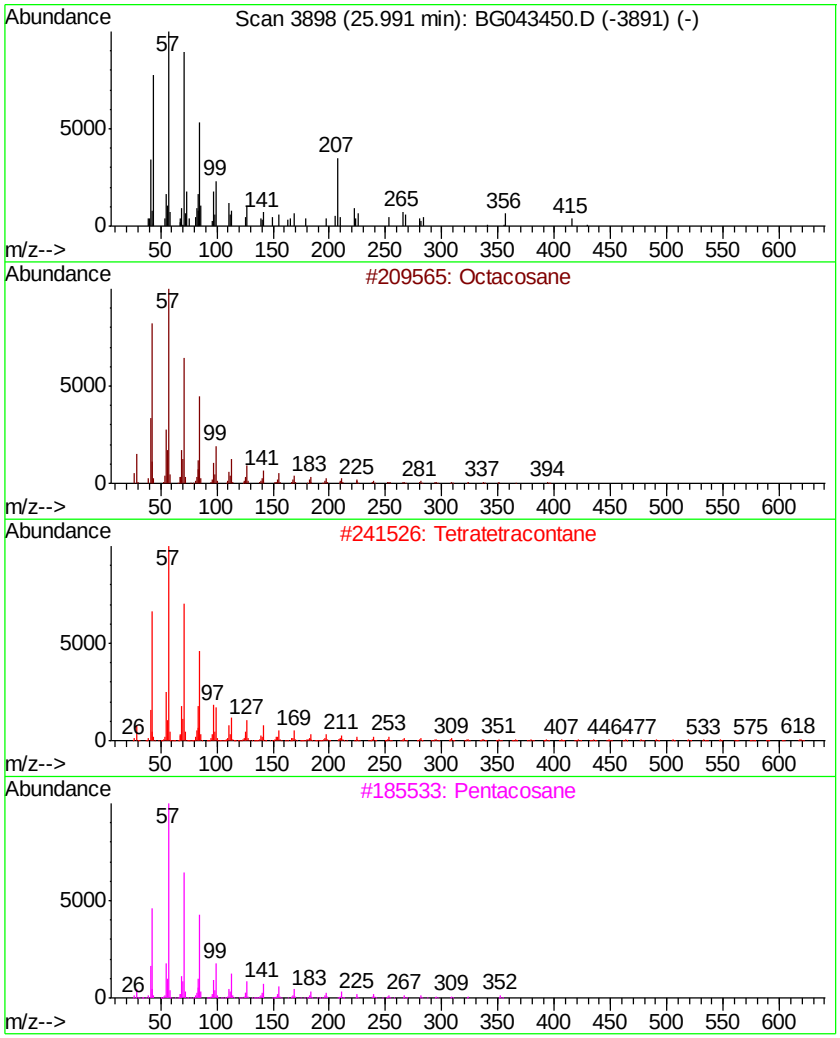
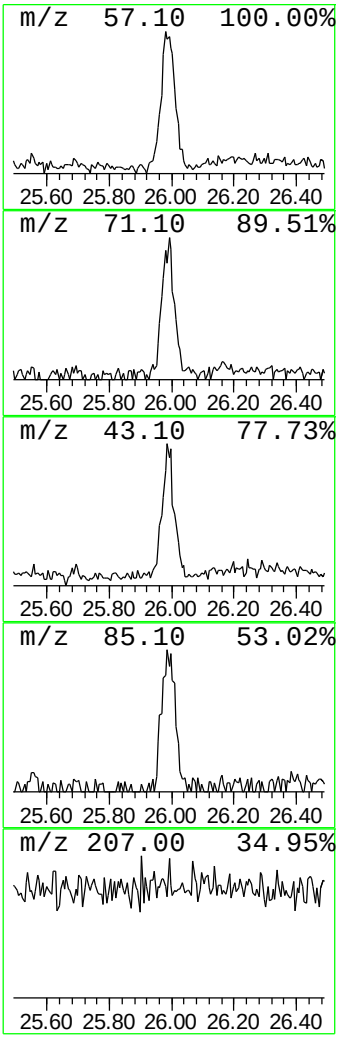
Peak Number 11 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.99	2.02 ng	97536	Perylene-d12	24.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	62
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Pentacosane	352	C25H52	000629-99-2	58
4	Hentriacontane	437	C31H64	000630-04-6	58
5	Hexacosane	366	C26H54	000630-01-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103119\
Data File : BG043450.D
Acq On : 1 Nov 2019 1:31
Operator : JU
Sample : K5602-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190937-FIELD-BLANK

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	109.5	ng	1379420	1	8.02	251991	20.0
2-Pentanone, 4-hy...	5.13	10.2	ng	128803	1	8.02	251991	20.0
unknown7.57	7.57	103.9	ng	1309470	1	8.02	251991	20.0
n-Hexadecanoic acid	18.29	6.3	ng	195368	4	17.40	621601	20.0
9-Octadecenamide,...	20.69	6.7	ng	266266	5	21.66	799566	20.0
1-Decanol, 2-hexyl-	21.30	4.5	ng	181470	5	21.66	799566	20.0
Heptadecane	22.45	2.3	ng	90347	5	21.66	799566	20.0
13-Docosenamide, ...	23.12	15.6	ng	624475	5	21.66	799566	20.0
Heneicosane	23.93	2.4	ng	117004	6	24.87	966054	20.0
Octacosane	25.99	2.0	ng	97536	6	24.87	966054	20.0