LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043038.D
Acq On : 4 Oct 2019 21:28
Operator : JU
Sample : K5154-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103I

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-BG092519.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	3.170	8	14	23	rBV	245233	542604	10.36%	1.721%
2	3.246	23	27	42	rVB	737182	1204726	23.00%	3.822%
3	3.546	73	78	84	rBV	33417	52397	1.00%	0.166%
4	5.644	428	435	451	rBV	703747	1158240	22.11%	3.674%
5	7.230	698	705	718	rBV2	470743	940186	17.95%	2.983%
6	7.600	759	768	778	rBV	1136661	1955587	37.33%	6.204%
7	8.064	839	847	855	rBV	253117	444954	8.49%	1.412%
8	8.387	890	902	919	rBV	779621	1375393	26.25%	4.363%
9	9.222	1036	1044	1053	rBV	680691	1248383	23.83%	3.960%
10	10.867	1315	1324	1332	rBV	331131	603169	11.51%	1.913%
11	13.305	1732	1739	1749	rBV	1862825	2964701	56.59%	9.405%
12	14.128	1873	1879	1892	rVB	414481	621922	11.87%	1.973%
13	14.680	1962	1973	1980	rBV	581852	916986	17.50%	2.909%
14	16.167	2219	2226	2236	rBV	1877553	2854035	54.48%	9.054%
15	17.424	2433	2440	2448	rBV2	752969	1175559	22.44%	3.729%
16	18.317	2586	2592	2601	rBV	494899	697643	13.32%	2.213%
17	19.580	2803	2807	2814	rBV2	164623	227156	4.34%	0.721%
18	19.839	2848	2851	2856	rVB5	40221	55560	1.06%	0.176%
19	20.033	2878	2884	2893	rBV	3952767	5239062	100.00%	16.620%
20	20.338	2932	2936	2940	rVB	78361	100917	1.93%	0.320%
21	20.697	2993	2997	3005	rVB10	31224	58068	1.11%	0.184%
22	20.832	3015	3020	3024	rBV2	124064	157594	3.01%	0.500%
23	21.343	3101	3107	3117	rBV	460954	874962	16.70%	2.776%
24	21.689	3160	3166	3173	rBV2	822271	1377298	26.29%	4.369%
25	21.889	3194	3200	3205	rBV	198473	302875	5.78%	0.961%
26	22.500	3298	3304	3308	rBV	231827	374053	7.14%	1.187%
27	23.194	3415	3422	3428	rVB	292140	520175	9.93%	1.650%
28	23.999	3552	3559	3566	rVB2	313055	626941	11.97%	1.989%
29	24.909	3704	3714	3733	rVB3	529123	2167021	41.36%	6.874%
30	26.084	3905	3914	3925	rVB2	202787	593903	11.34%	1.884%
31	27.430	4138	4143	4144	rBV5	64237	90722	1.73%	0.288%

Sum of corrected areas: 31522792

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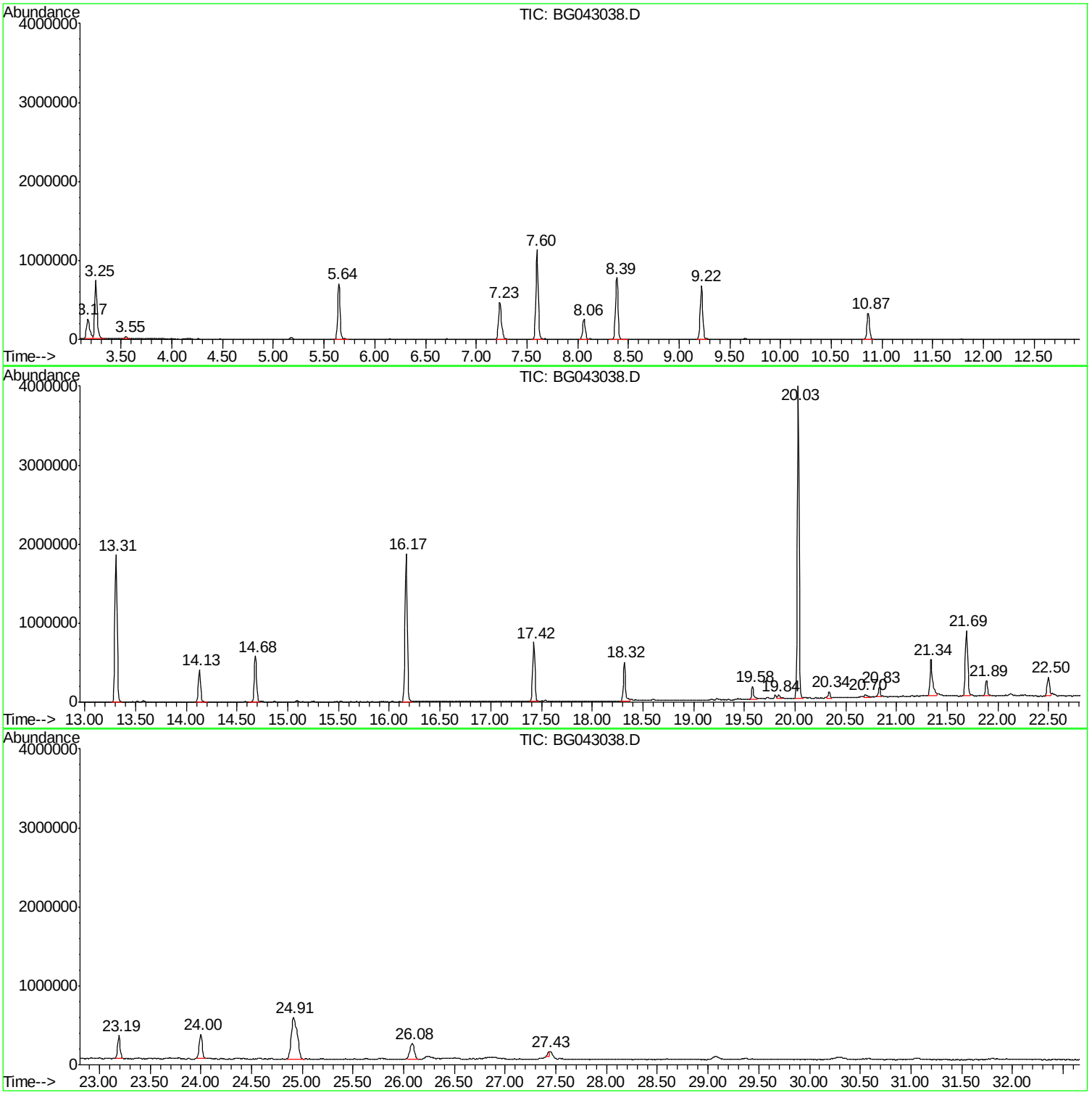
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-103I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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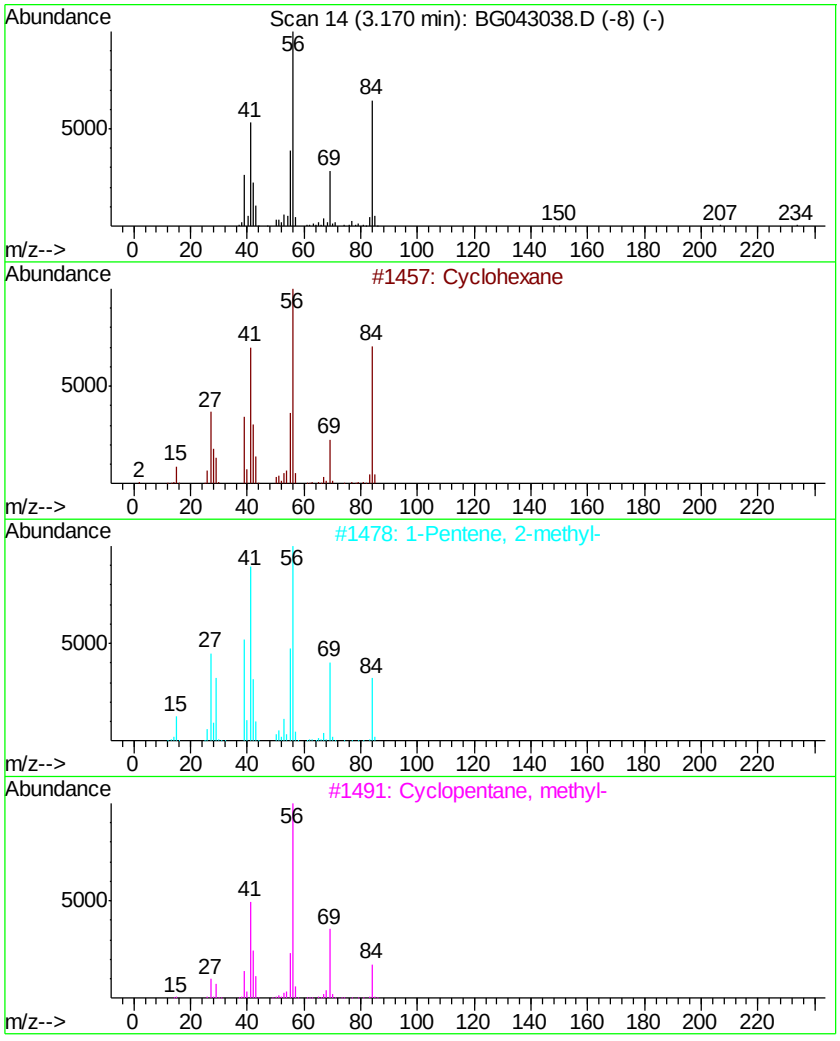
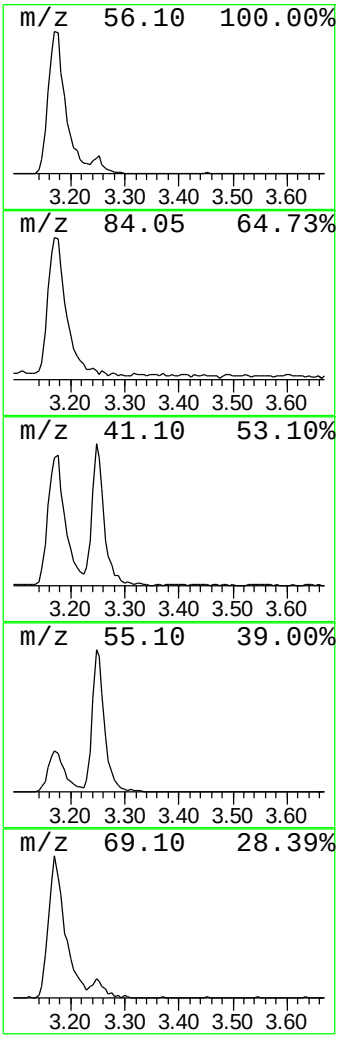
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	24.39 ng	542604	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	56
4	1-Hexene	84	C6H12	000592-41-6	53
5	1-Butanol	74	C4H10O	000071-36-3	47





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-103I

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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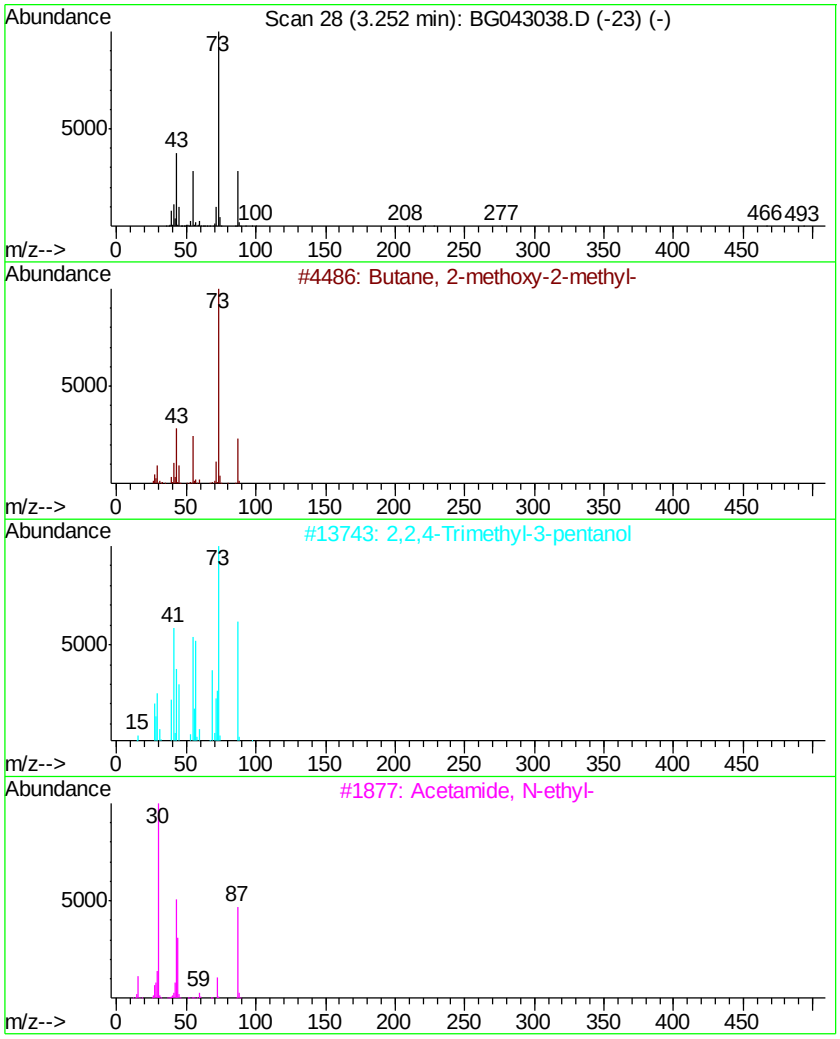
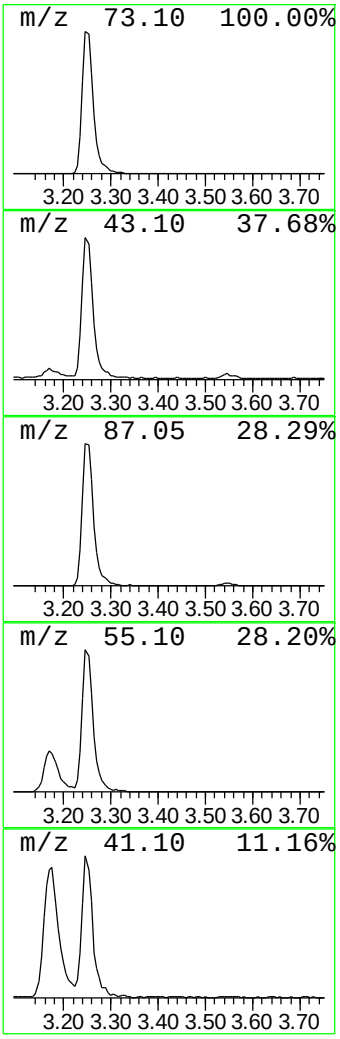
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	54.15 ng	1204730	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_G
ClientSampleId : MW-103I

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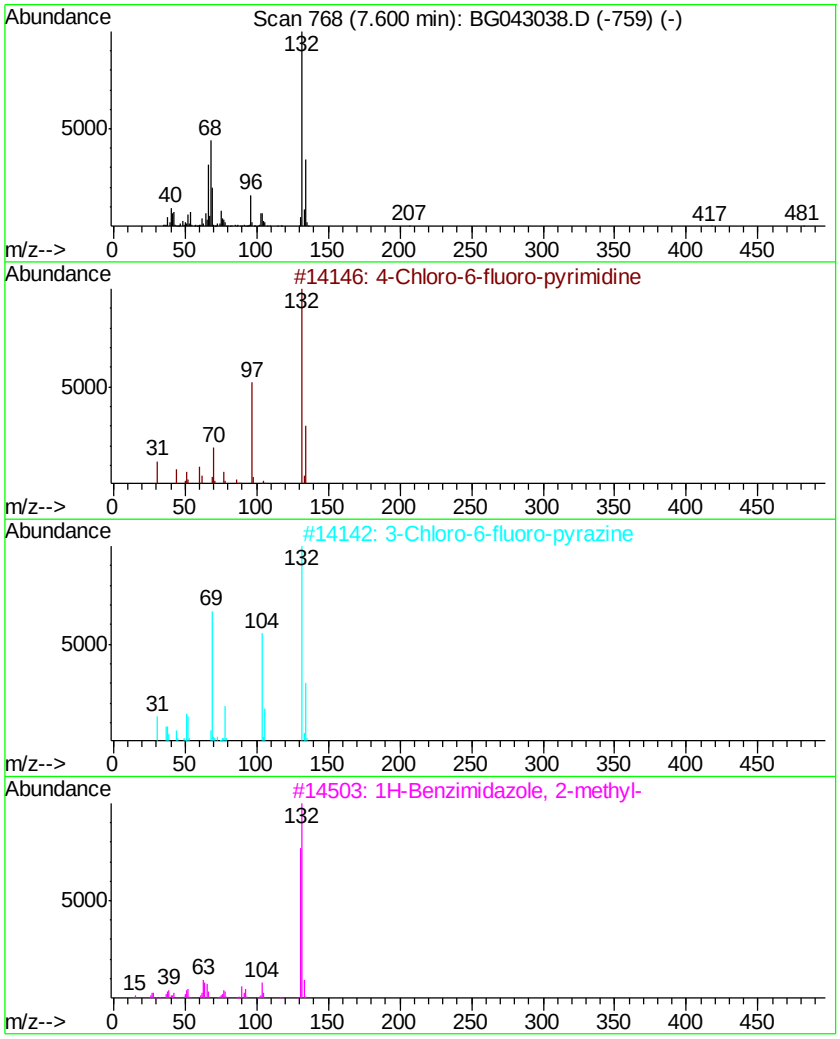
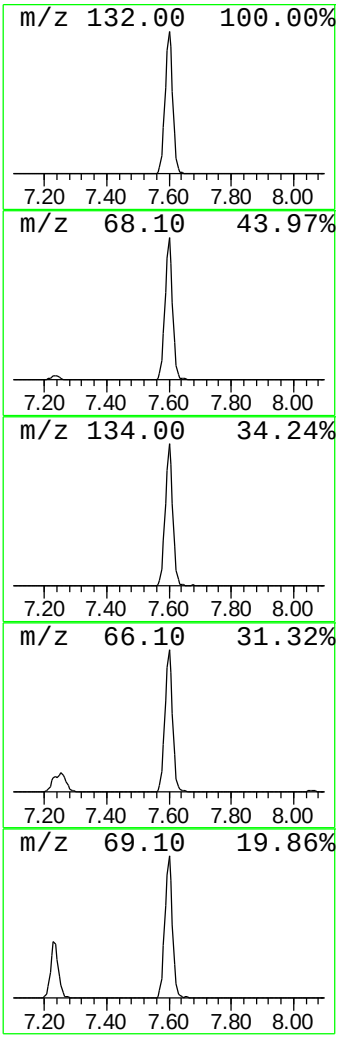
****

Peak Number 3 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	87.90 ng	1955590	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	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	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : MW-103I

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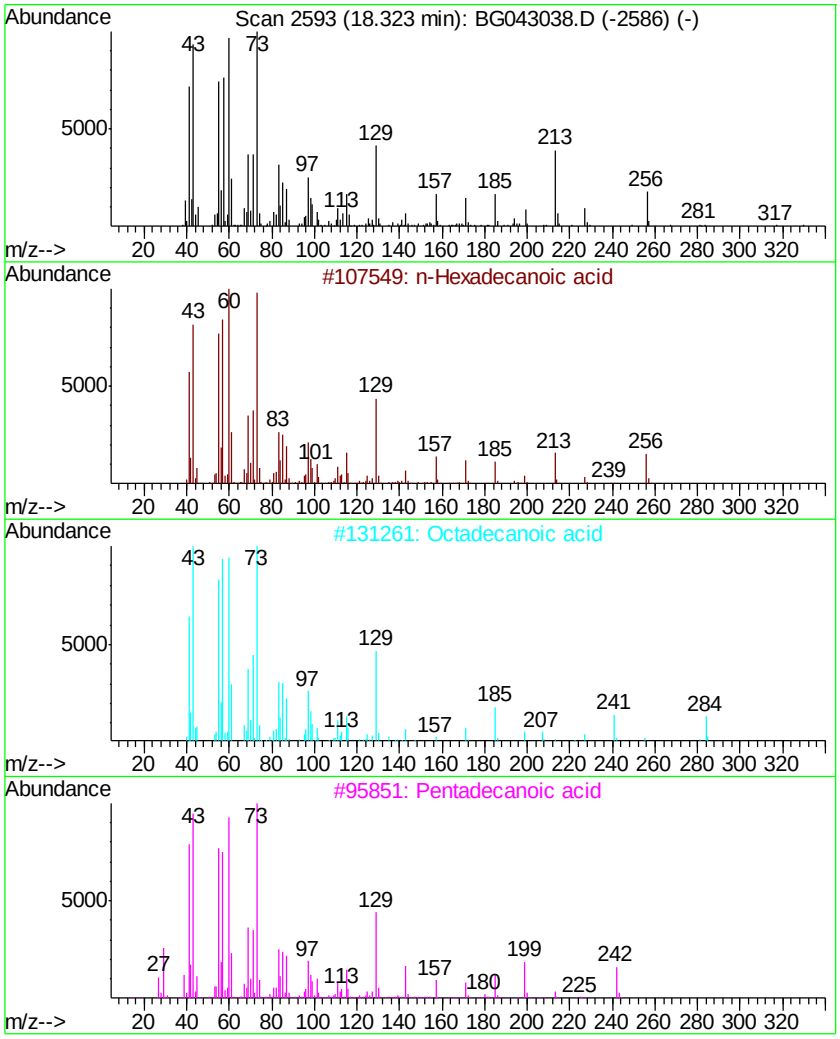
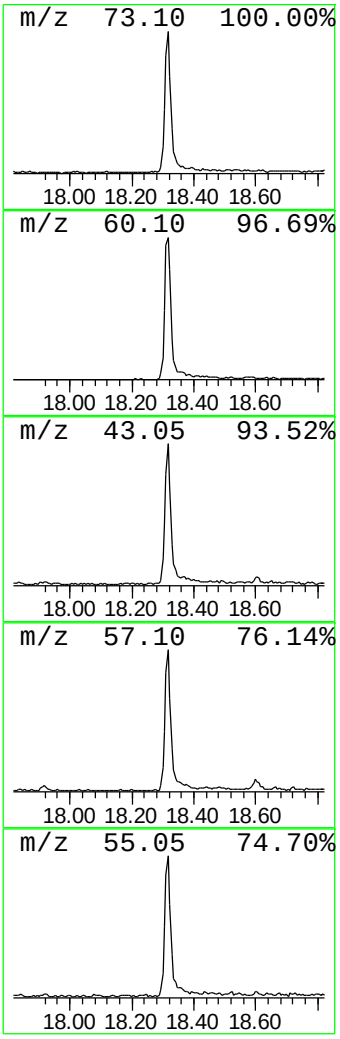
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	11.87 ng	697643	Phenanthrene-d10	17.42

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Instrument : BNA_G
ClientSampleId : MW-103I

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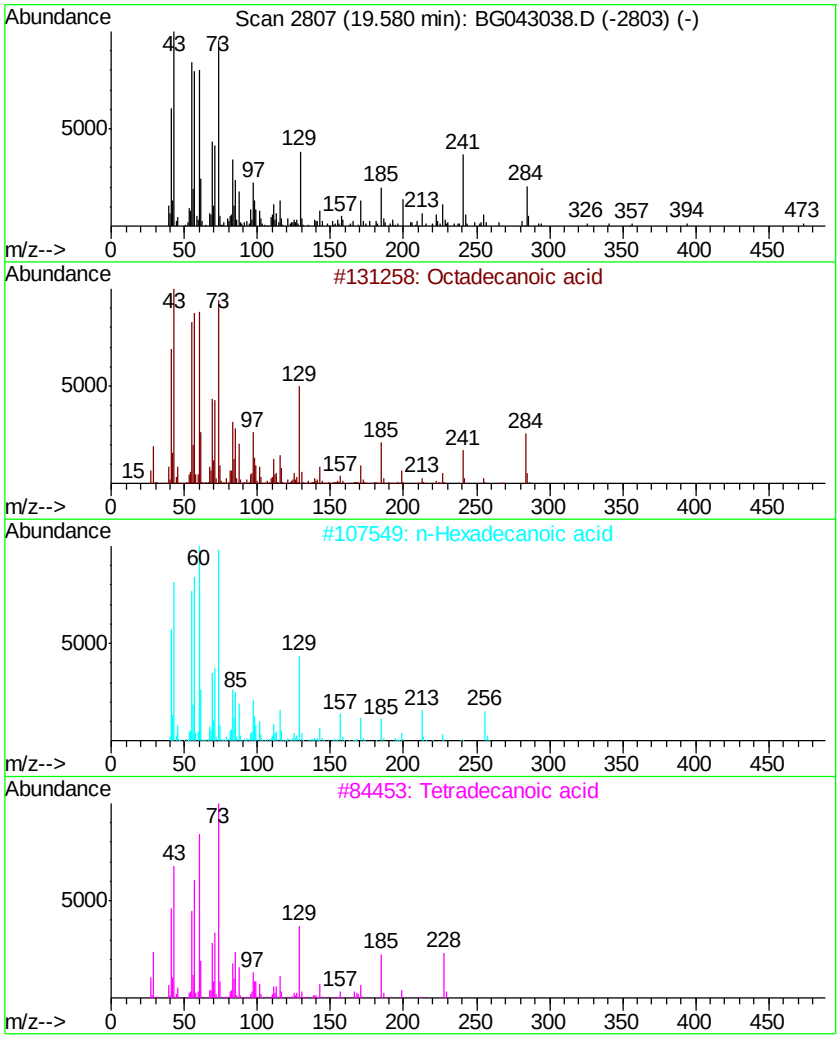
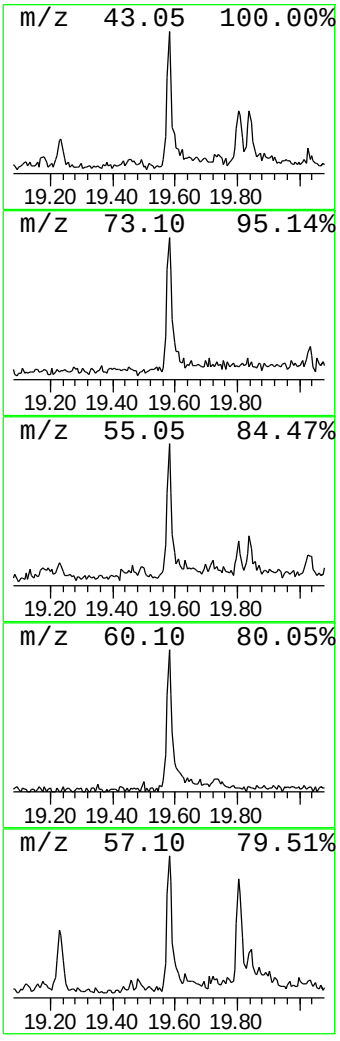
****

Peak Number 6 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	3.30 ng	227156	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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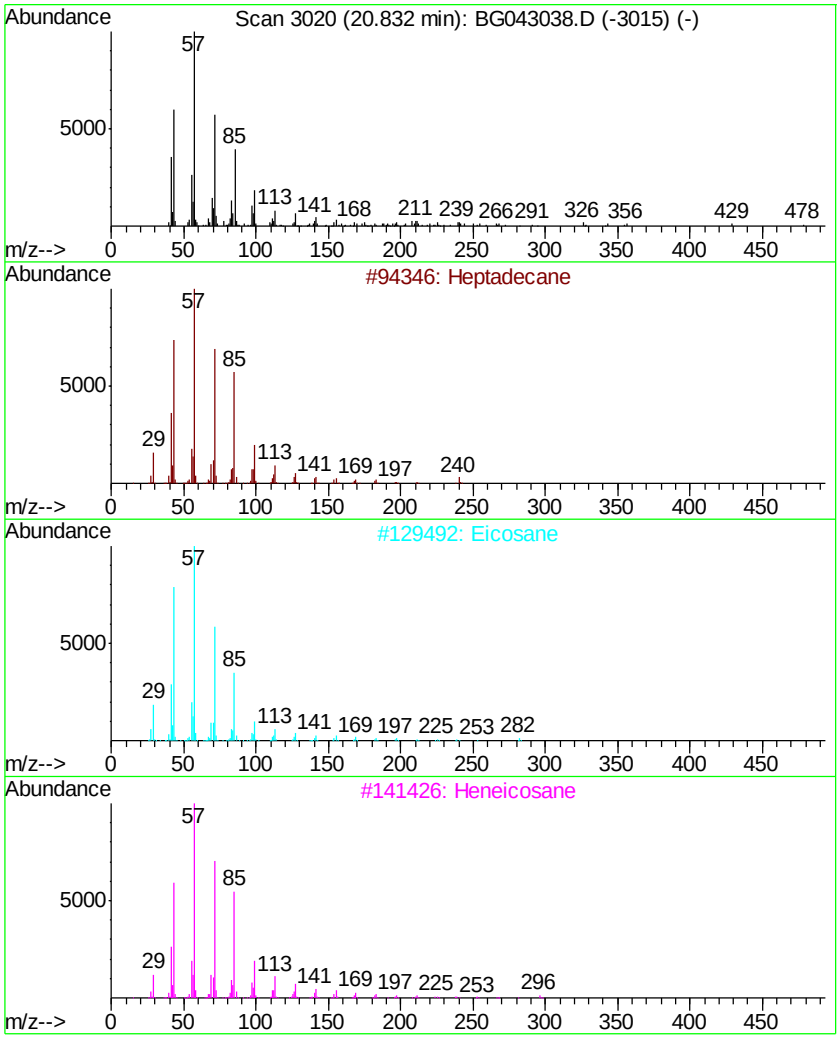
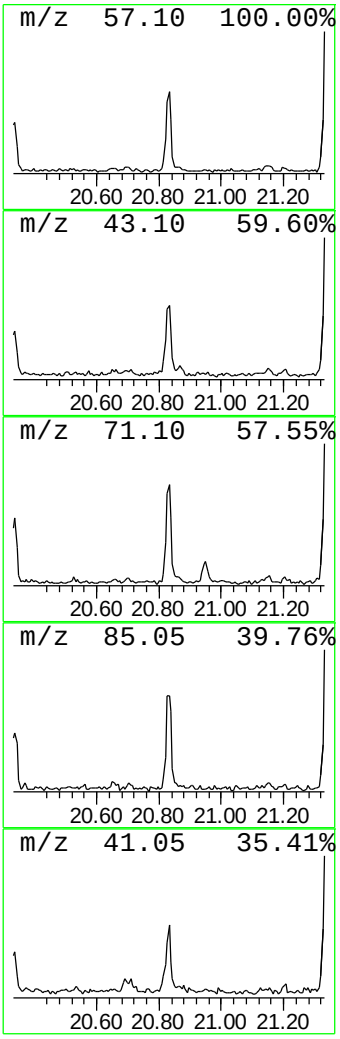
Peak Number 7 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.29 ng	157594	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptacosane	380	C27H56	000593-49-7	90





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Instrument : BNA_G
ClientSampleId : MW-103I

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

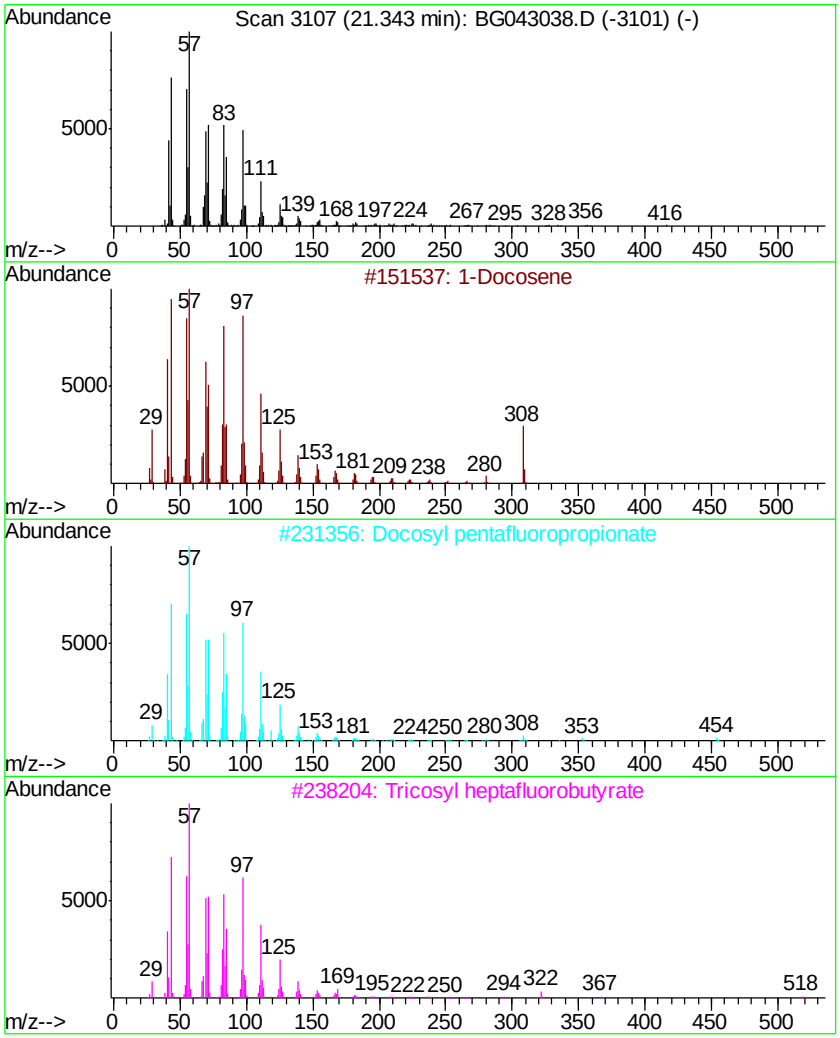
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

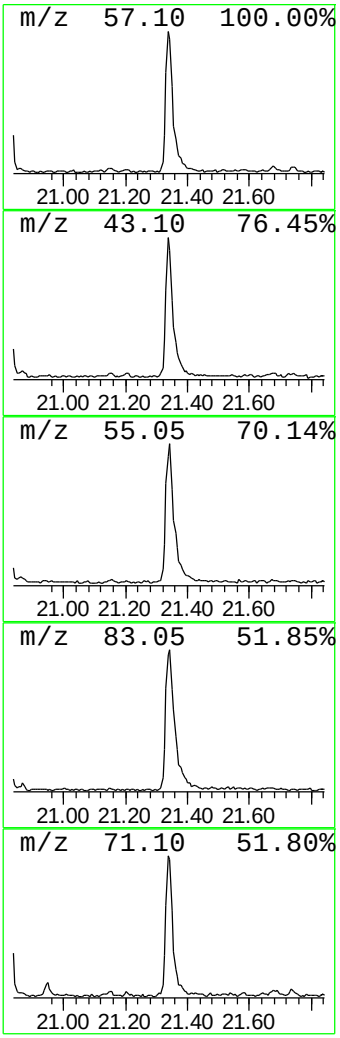
****

Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	12.71 ng	874962	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





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TIC Library : C:\Database\NIST11.L
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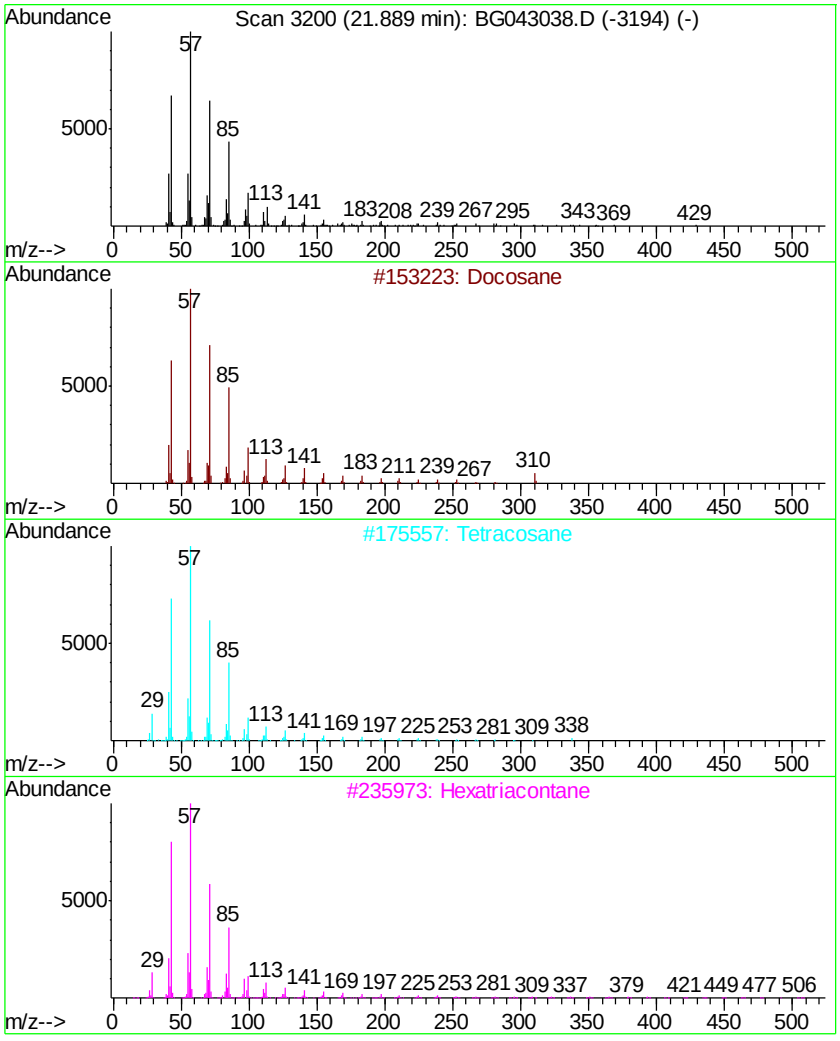
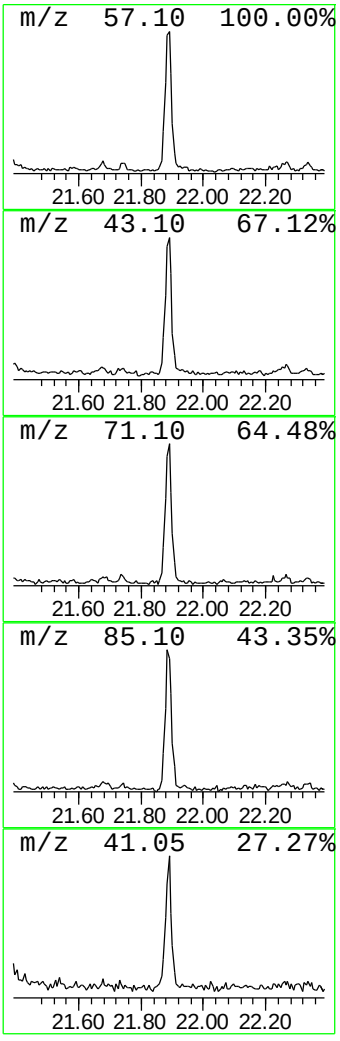
Peak Number 9 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	4.40 ng	302875	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	96
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5	Eicosane	282	C20H42	000112-95-8	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

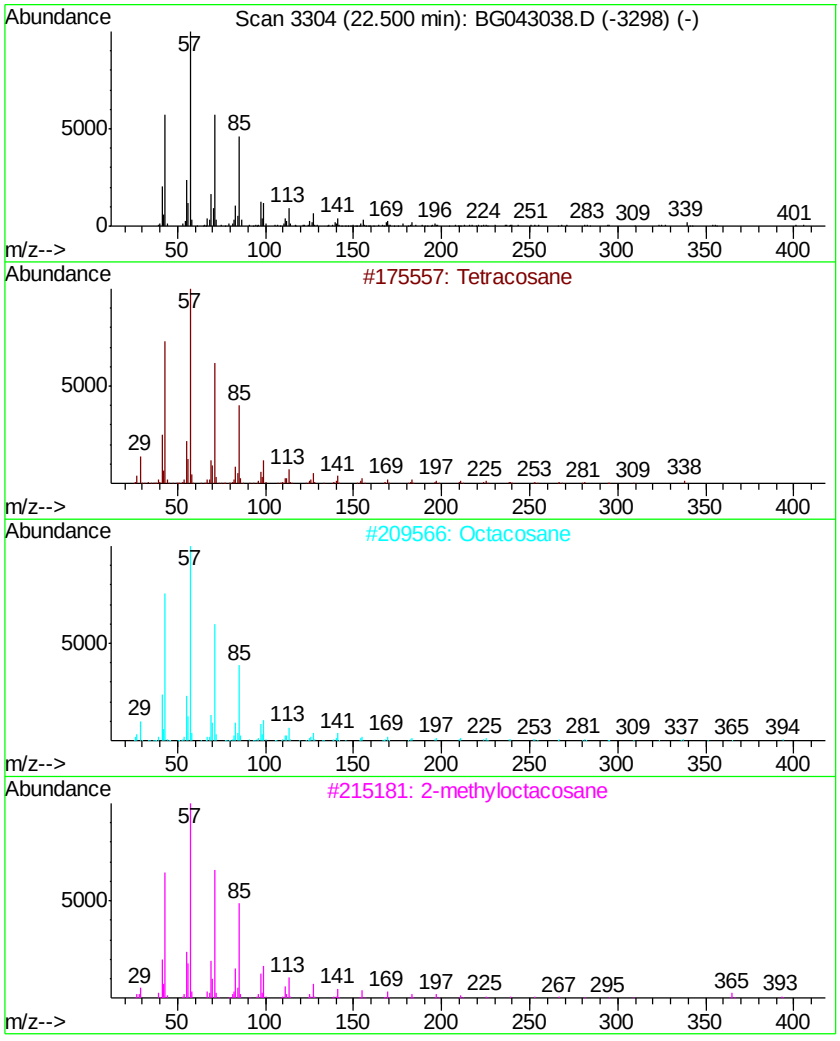
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

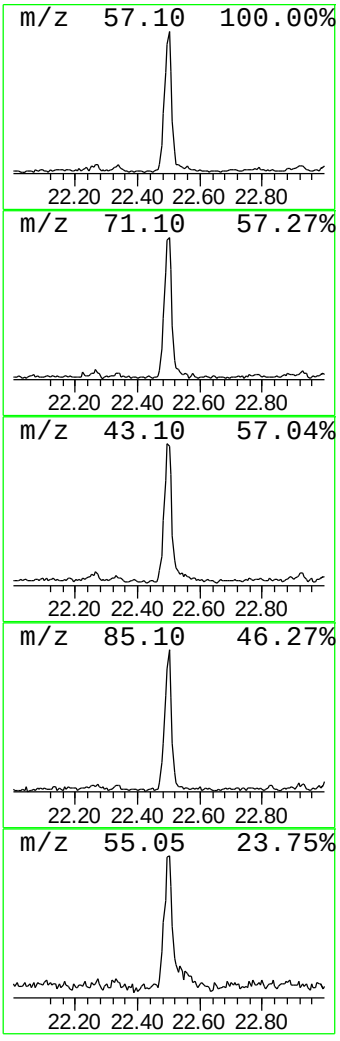
****

Peak Number 10 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	5.43 ng	374053	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Octacosane	394	C28H58	000630-02-4	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane	282	C20H42	000112-95-8	87





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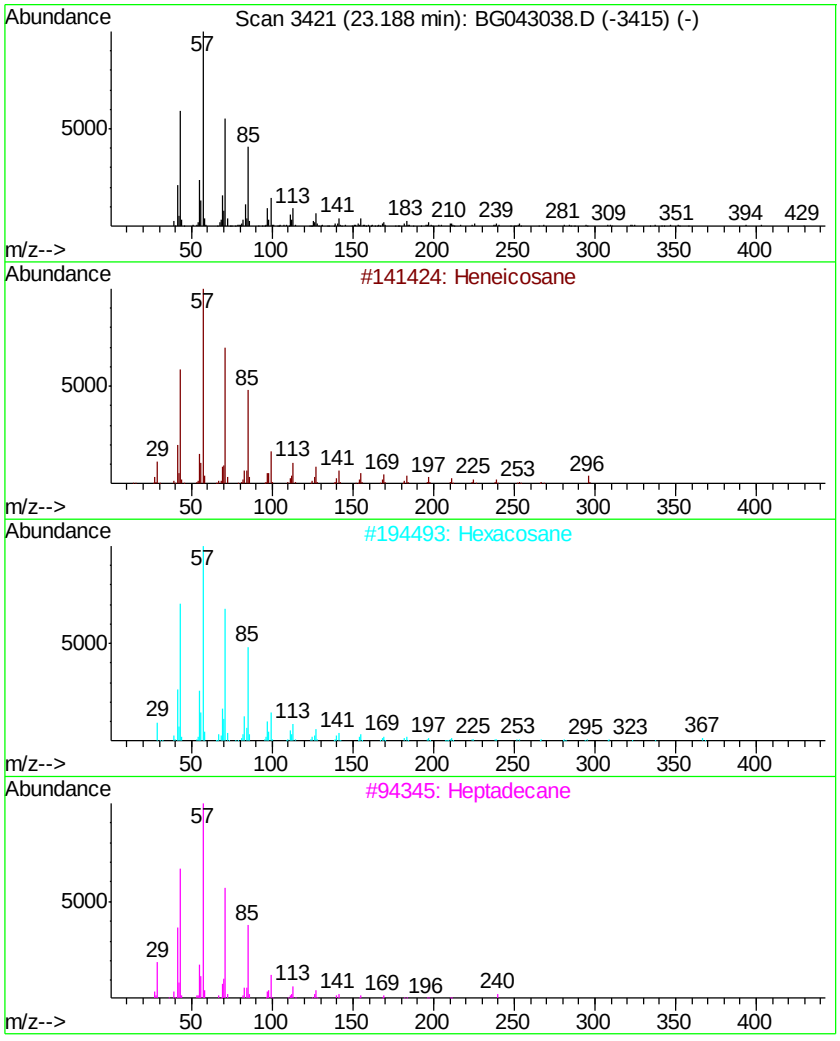
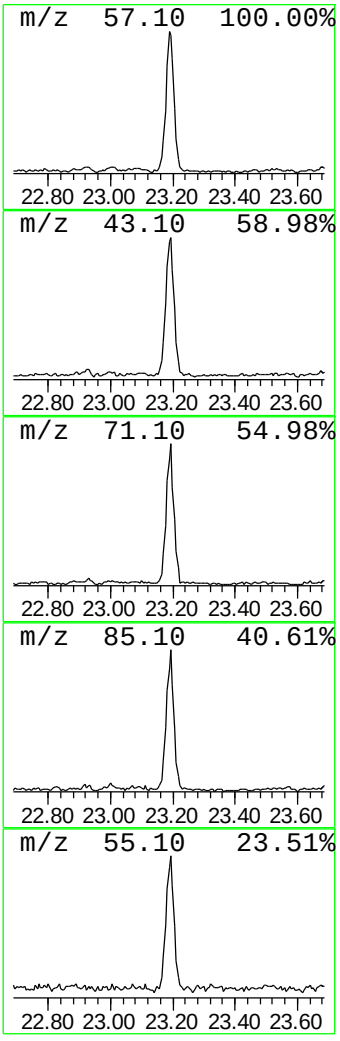
****

Peak Number 11 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	7.55 ng	520175	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexacosane	366	C26H54	000630-01-3	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Nonadecane	268	C19H40	000629-92-5	89
5	Tetratetracontane	619	C44H90	007098-22-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043038.D
Acq On : 4 Oct 2019 21:28
Operator : JU
Sample : K5154-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

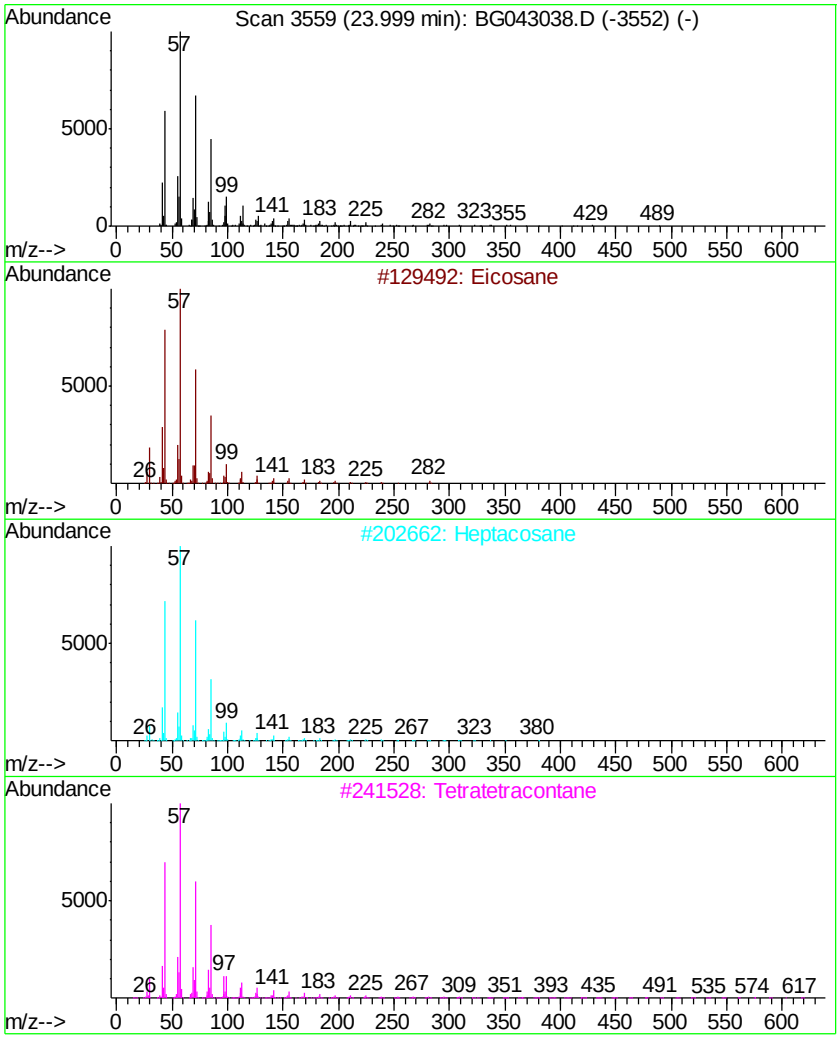
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

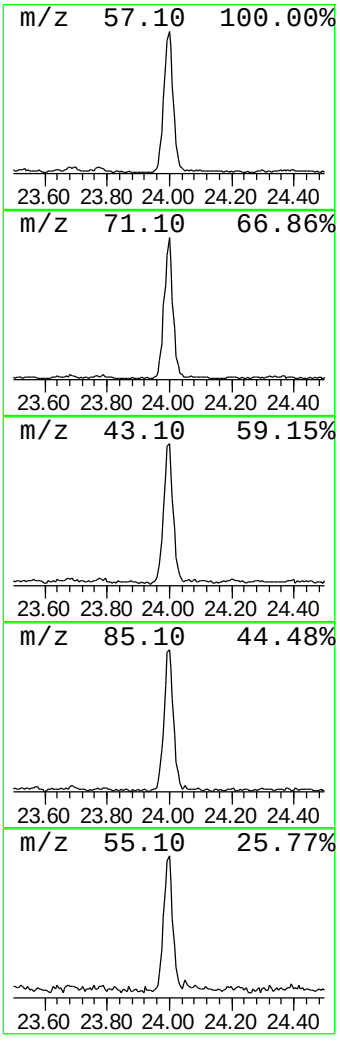
****

Peak Number 12 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	5.79 ng	626941	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	93
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043038.D
Acq On : 4 Oct 2019 21:28
Operator : JU
Sample : K5154-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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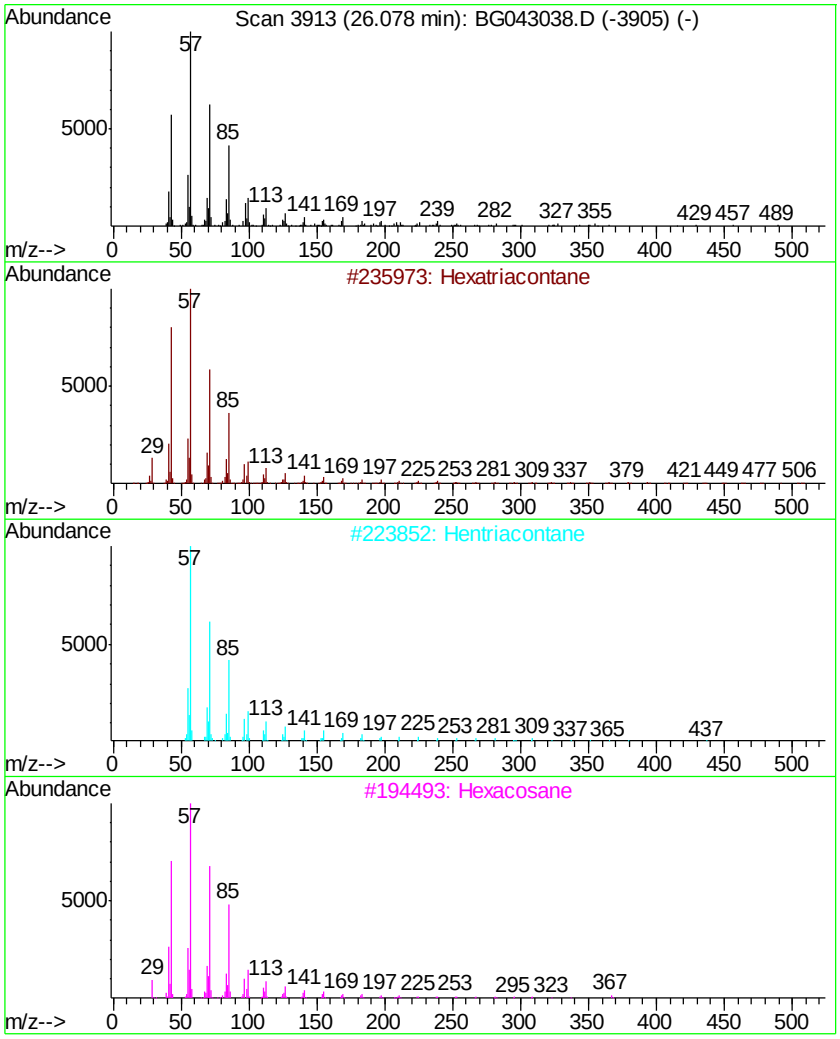
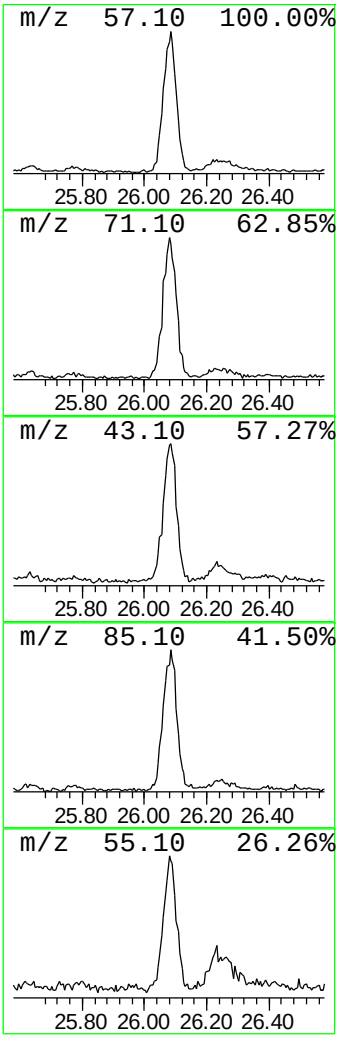
Peak Number 13 Hexatriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	5.48 ng	593903	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	95
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentacosane	352	C25H52	000629-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100419\
Data File : BG043038.D
Acq On : 4 Oct 2019 21:28
Operator : JU
Sample : K5154-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103I

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.17	24.4	ng	542604	1	8.06	444954	20.0
Butane, 2-methoxy...	3.25	54.1	ng	1204730	1	8.06	444954	20.0
unknown7.60	7.60	87.9	ng	1955590	1	8.06	444954	20.0
n-Hexadecanoic acid	18.32	11.9	ng	697643	4	17.42	1175560	20.0
Octadecanoic acid	19.58	3.3	ng	227156	5	21.69	1377300	20.0
Heptadecane	20.83	2.3	ng	157594	5	21.69	1377300	20.0
1-Docosene	21.34	12.7	ng	874962	5	21.69	1377300	20.0
Docosane	21.89	4.4	ng	302875	5	21.69	1377300	20.0
Tetracosane	22.50	5.4	ng	374053	5	21.69	1377300	20.0
Heneicosane	23.19	7.5	ng	520175	5	21.69	1377300	20.0
Eicosane	24.00	5.8	ng	626941	6	24.91	2167020	20.0
Hexatriacontane	26.08	5.5	ng	593903	6	24.91	2167020	20.0