LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043362.D
Acq On : 28 Oct 2019 22:47
Operator : JU
Sample : K5542-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EQUIPMENT-BLANK-102419

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	3.195	13	18	30	rVB	996845	1541999	37.37%	7.751%
2	3.618	85	90	97	rVB	29936	44181	1.07%	0.222%
3	5.615	422	430	443	rBV	419842	754733	18.29%	3.794%
4	7.208	691	701	714	rBV	273782	570653	13.83%	2.869%
5	7.566	754	762	774	rBV	722587	1305486	31.63%	6.562%
6	8.024	833	840	849	rBV	135822	240041	5.82%	1.207%
7	8.348	886	895	905	rBV	575654	1035836	25.10%	5.207%
8	9.188	1027	1038	1054	rBV	406270	833762	20.20%	4.191%
9	10.827	1308	1317	1330	rBV	142689	304368	7.38%	1.530%
10	13.271	1726	1733	1759	rBV	1306948	2245215	54.41%	11.286%
11	14.100	1868	1874	1886	rBV	107260	188693	4.57%	0.949%
12	14.652	1961	1968	1985	rBV2	298665	510325	12.37%	2.565%
13	16.138	2214	2221	2244	rBV	1274393	2128800	51.58%	10.701%
14	17.396	2428	2435	2450	rBV2	392563	677696	16.42%	3.407%
15	18.289	2582	2587	2603	rBV2	196278	369988	8.97%	1.860%
16	19.552	2793	2802	2811	rBV2	99862	174082	4.22%	0.875%
17	20.005	2873	2879	2897	rBV	3047612	4126844	100.00%	20.745%
18	21.309	3094	3101	3116	rBV4	99289	278801	6.76%	1.401%
19	21.661	3154	3161	3171	rBV	441376	819547	19.86%	4.120%
20	21.844	3188	3192	3198	rVB	48950	74202	1.80%	0.373%
21	22.449	3288	3295	3301	rBV	76081	134320	3.25%	0.675%
22	23.136	3404	3412	3420	rBV2	91357	179365	4.35%	0.902%
23	23.935	3541	3548	3555	rVB	85139	176609	4.28%	0.888%
24	24.858	3694	3705	3721	rBV2	322737	1018116	24.67%	5.118%
25	25.992	3886	3898	3908	rBV4	49669	159740	3.87%	0.803%

Sum of corrected areas: 19893402

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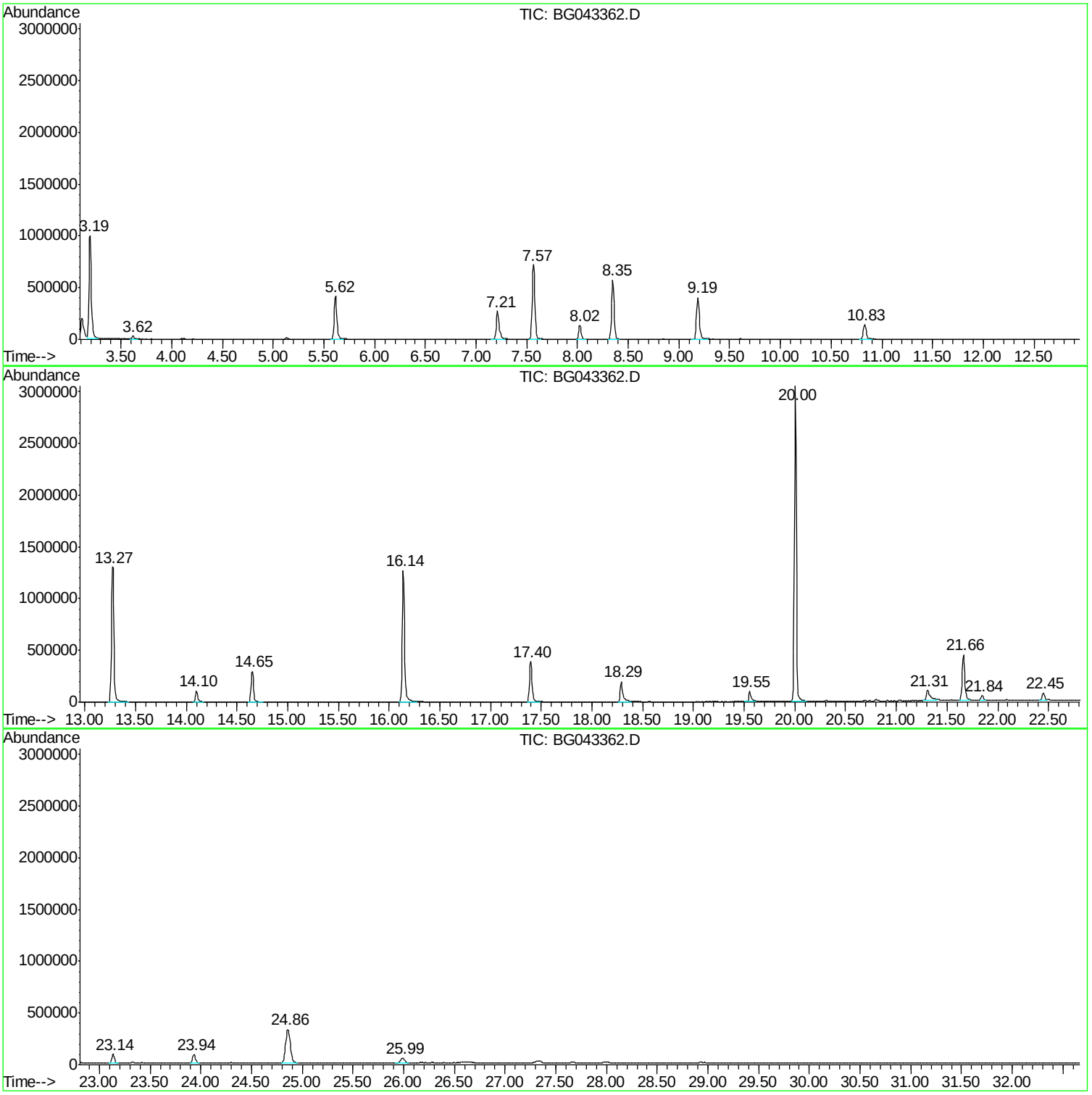
Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-102419

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

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ClientSampleId : EQUIPMENT-BLANK-102419

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

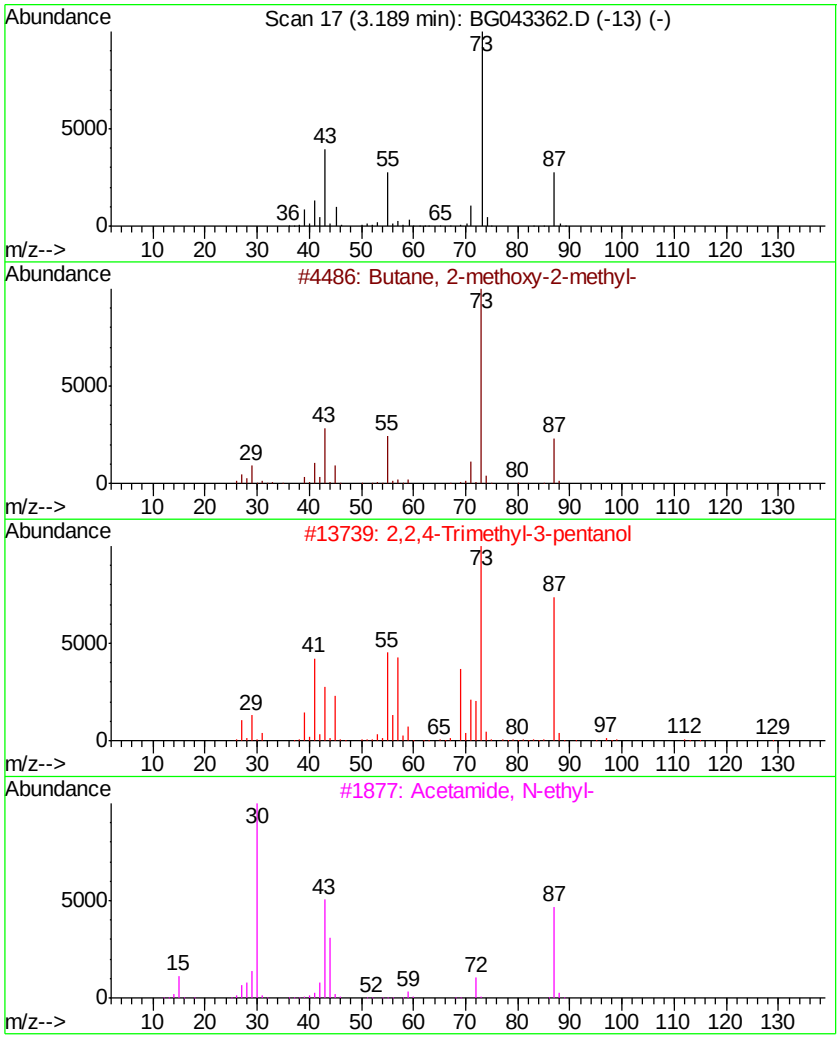
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

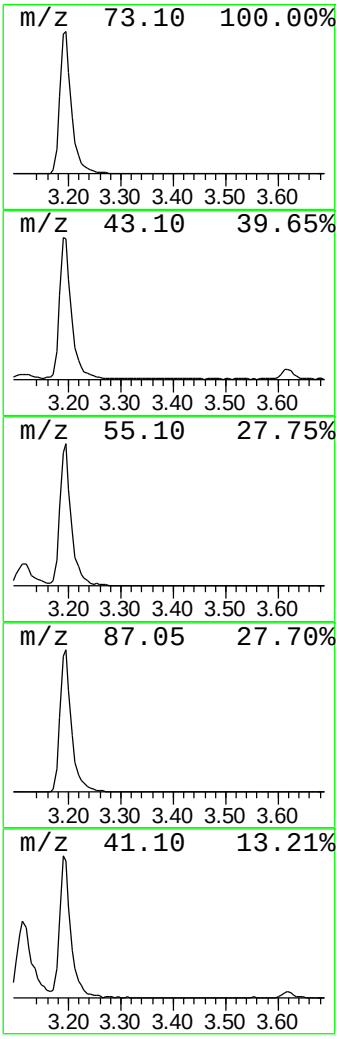
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	128.48 ng	1542000	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Operator : JU
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Misc :
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Instrument : BNA_G
ClientSampleId : EQUIPMENT-BLANK-102419

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

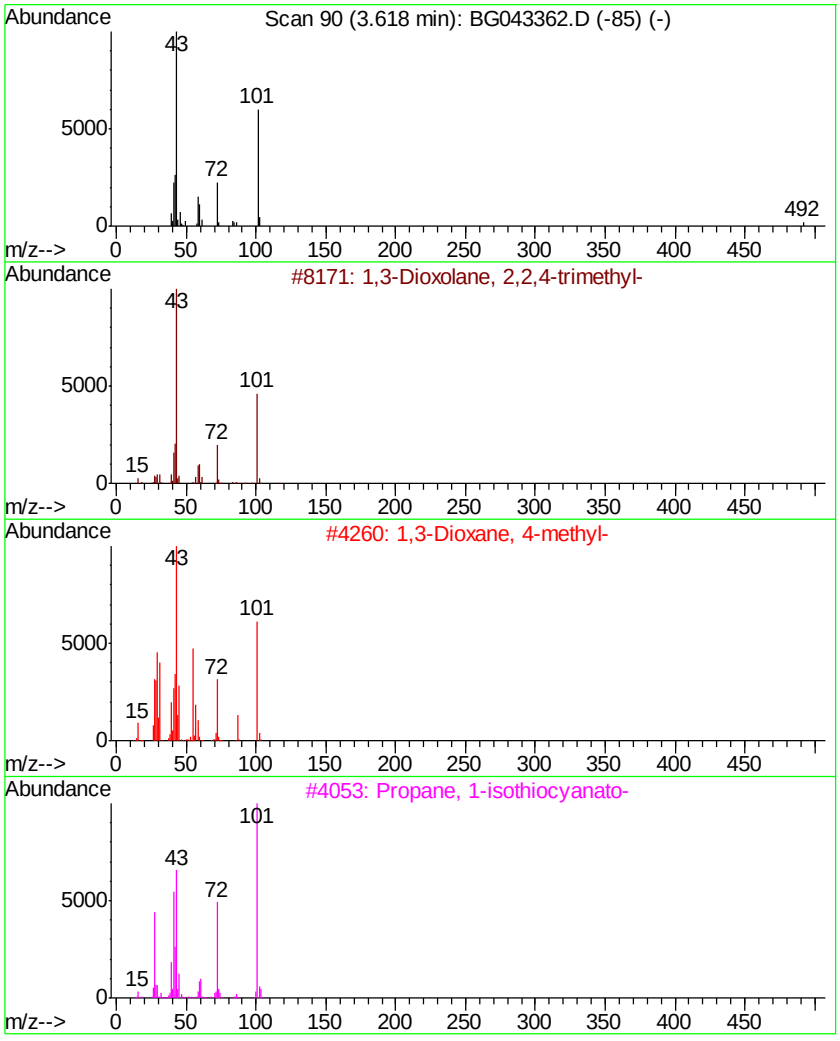
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

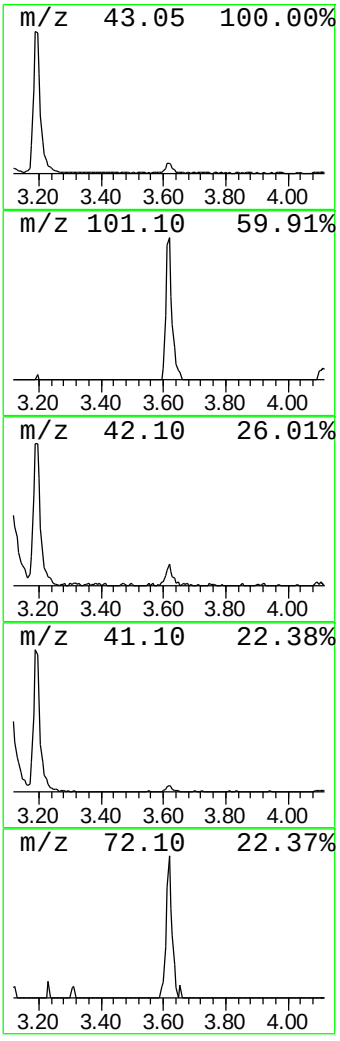
****

Peak Number 2 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	3.68 ng	44181	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	78
2	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	72
3	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	50
4	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	47
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	43





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EQUIPMENT-BLANK-102419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
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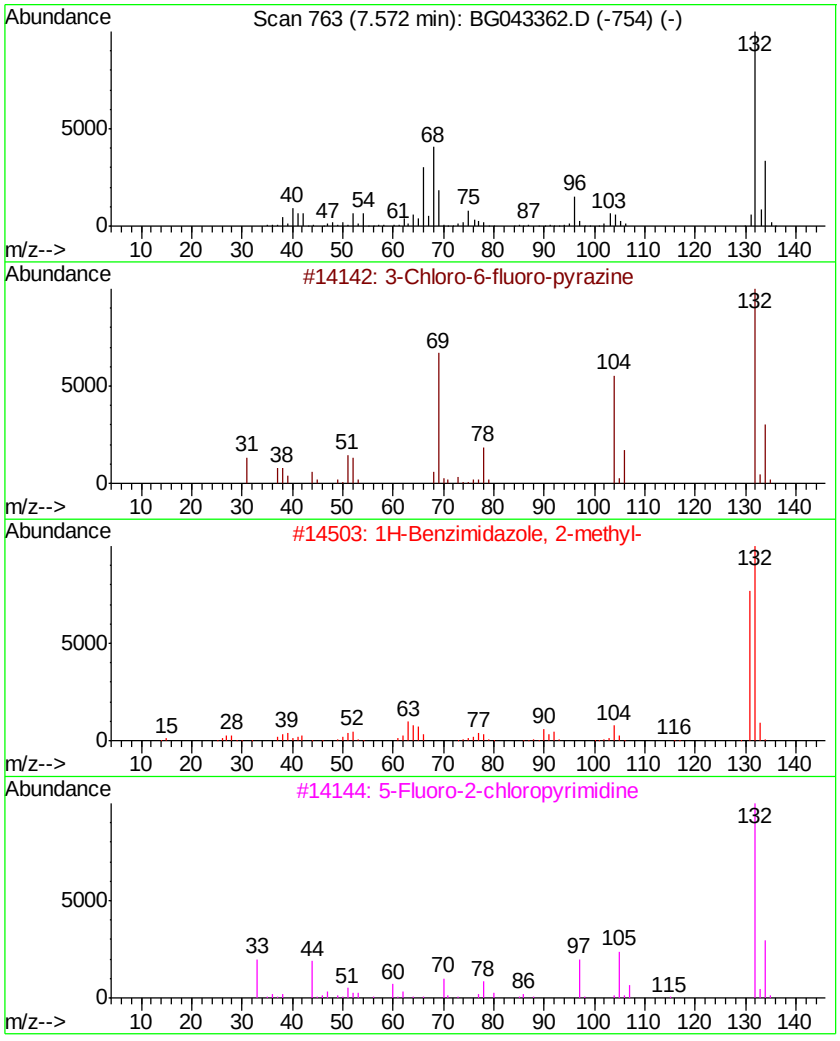
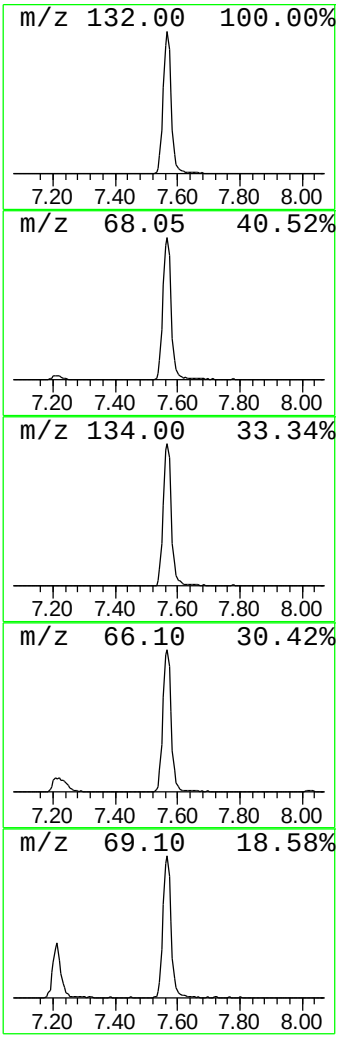
****

Peak Number 3 unknown7.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	108.77 ng	1305490	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





Library Search Compound Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-102419

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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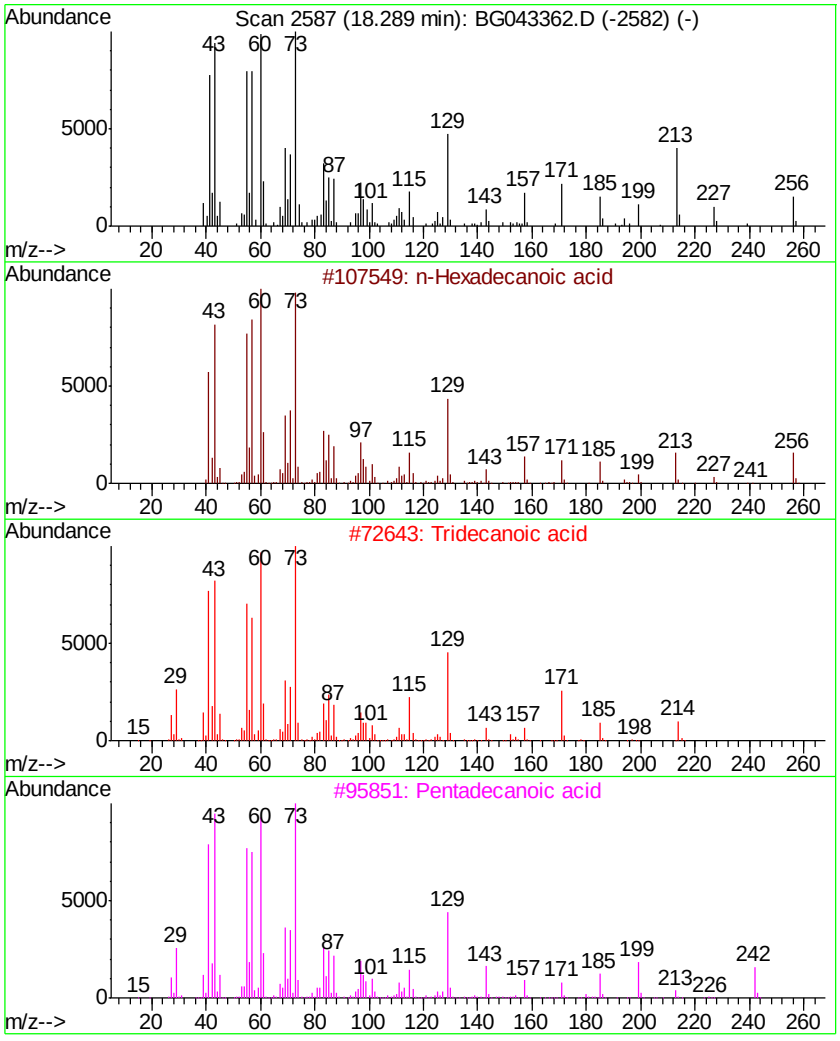
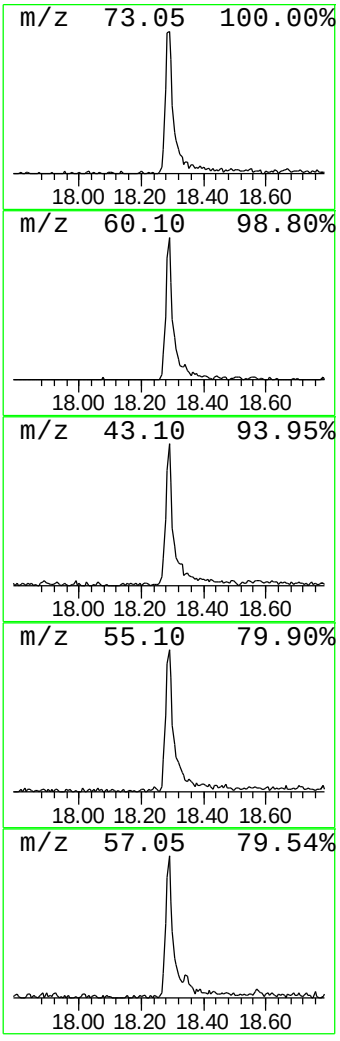
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	10.92 ng	369988	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	49





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Sample : K5542-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EQUIPMENT-BLANK-102419

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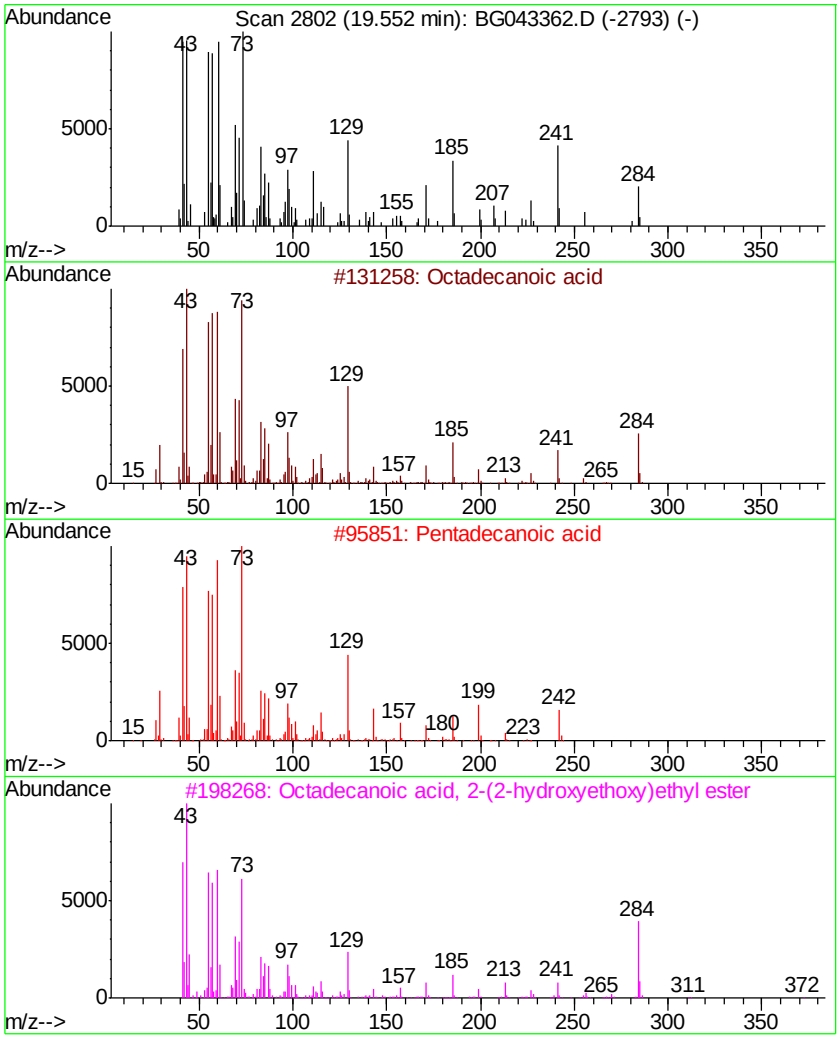
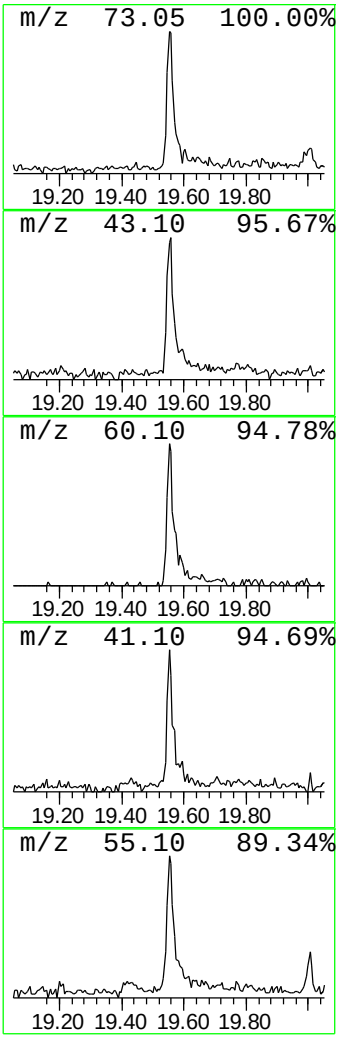
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	4.25 ng	174082	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	52





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Instrument : BNA_G
ClientSampleId : EQUIPMENT-BLANK-102419

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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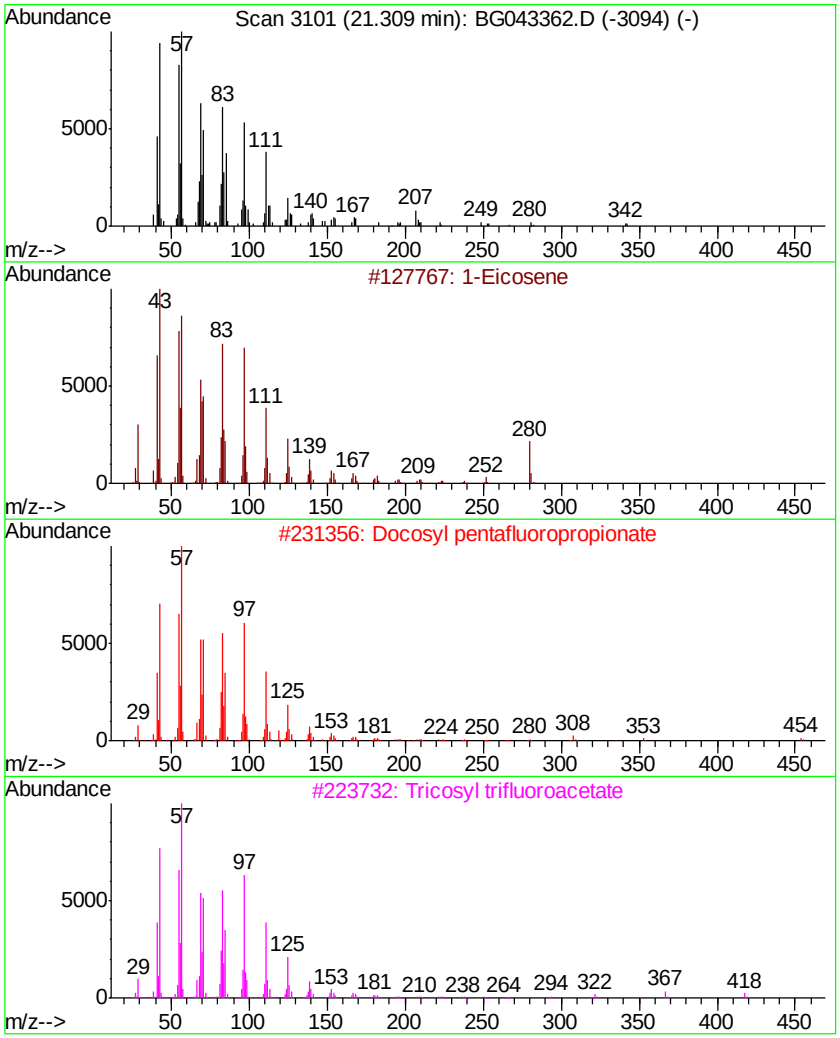
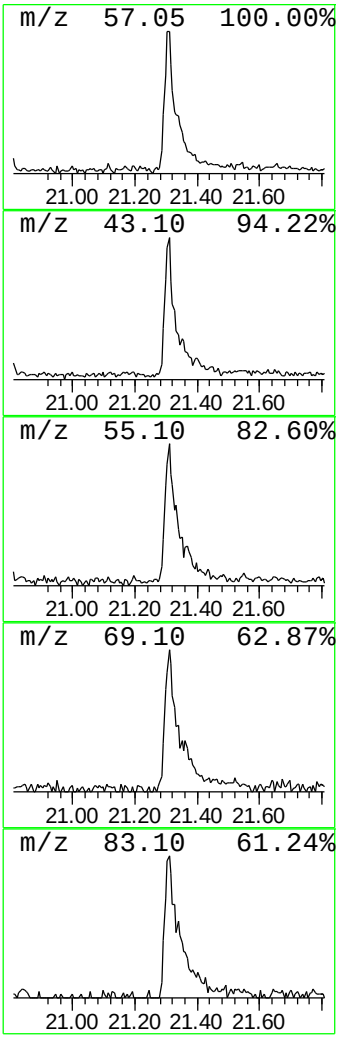
****

Peak Number 7 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	6.80 ng	278801	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
3	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	90
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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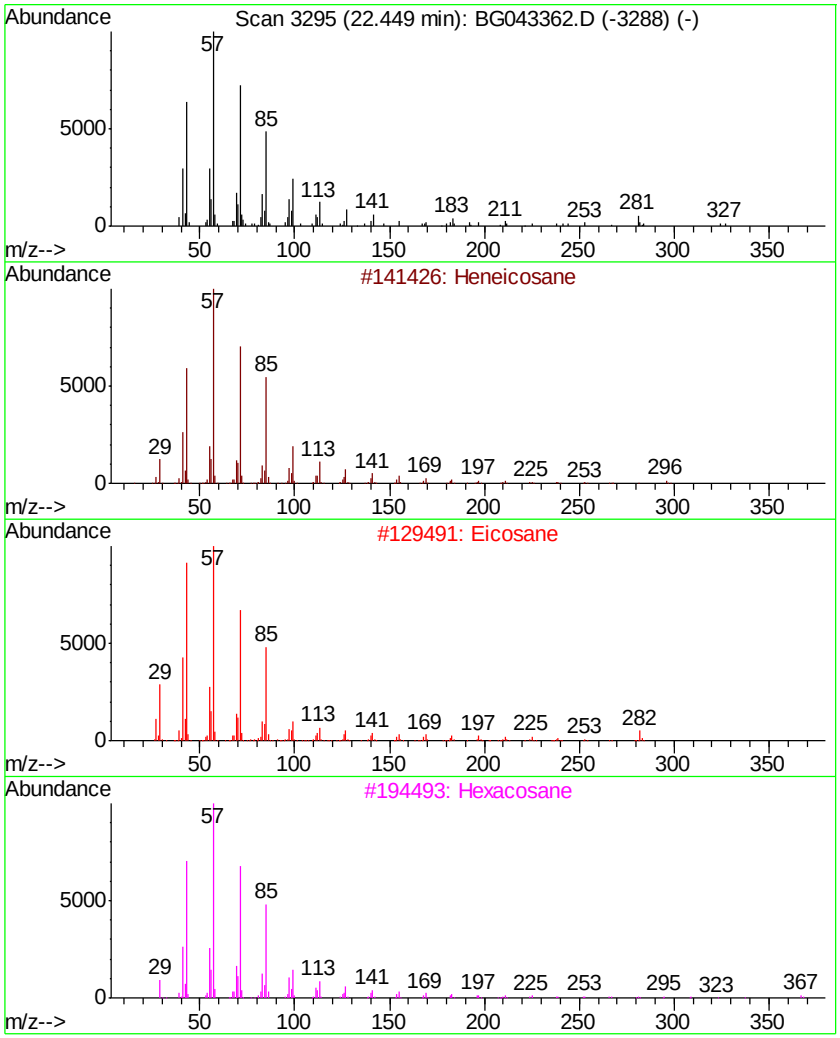
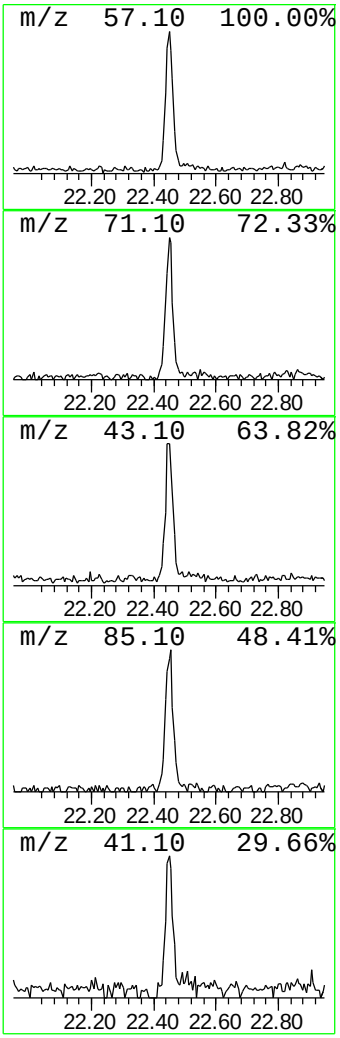
****

Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	3.28 ng	134320	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Octacosane	394	C28H58	000630-02-4	87





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TIC Library : C:\Database\NIST11.L
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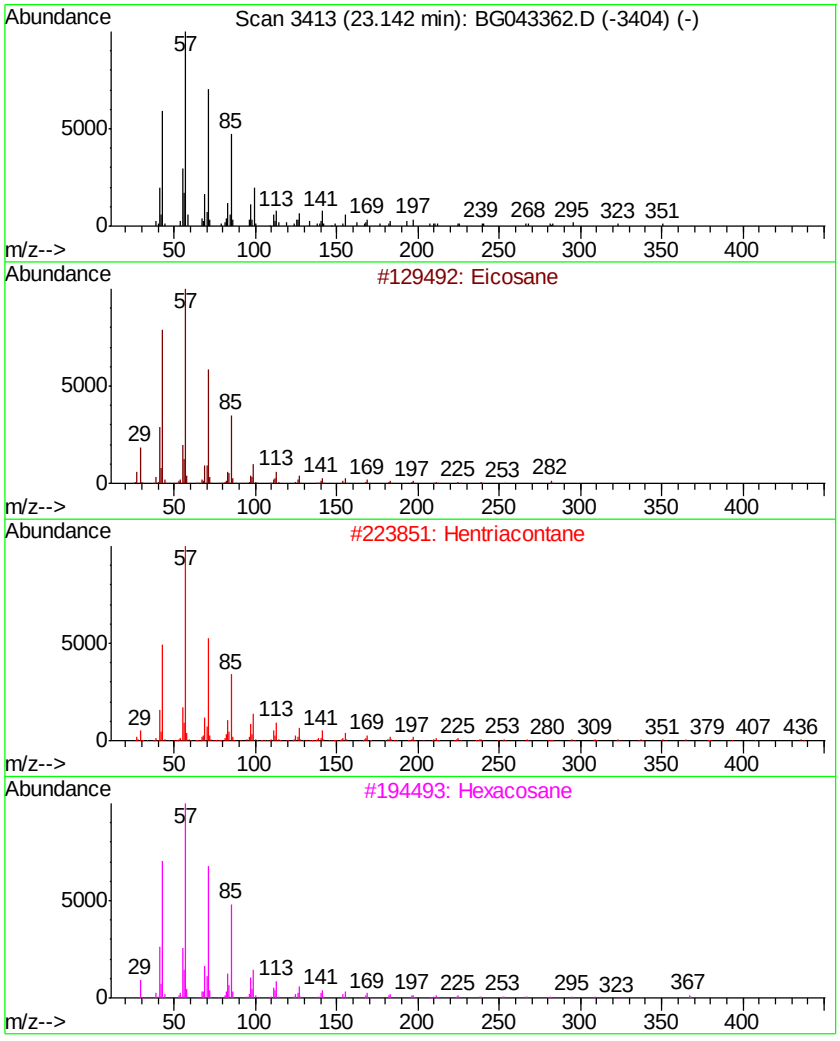
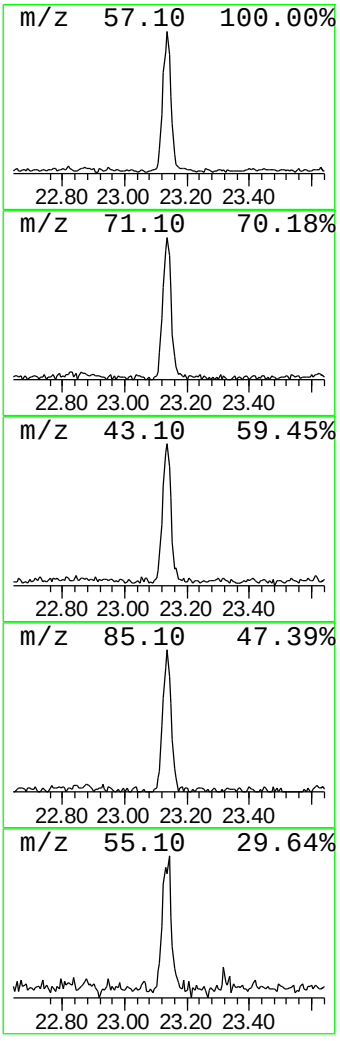
Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	4.38 ng	179365	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hentriacontane	437	C31H64	000630-04-6	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90





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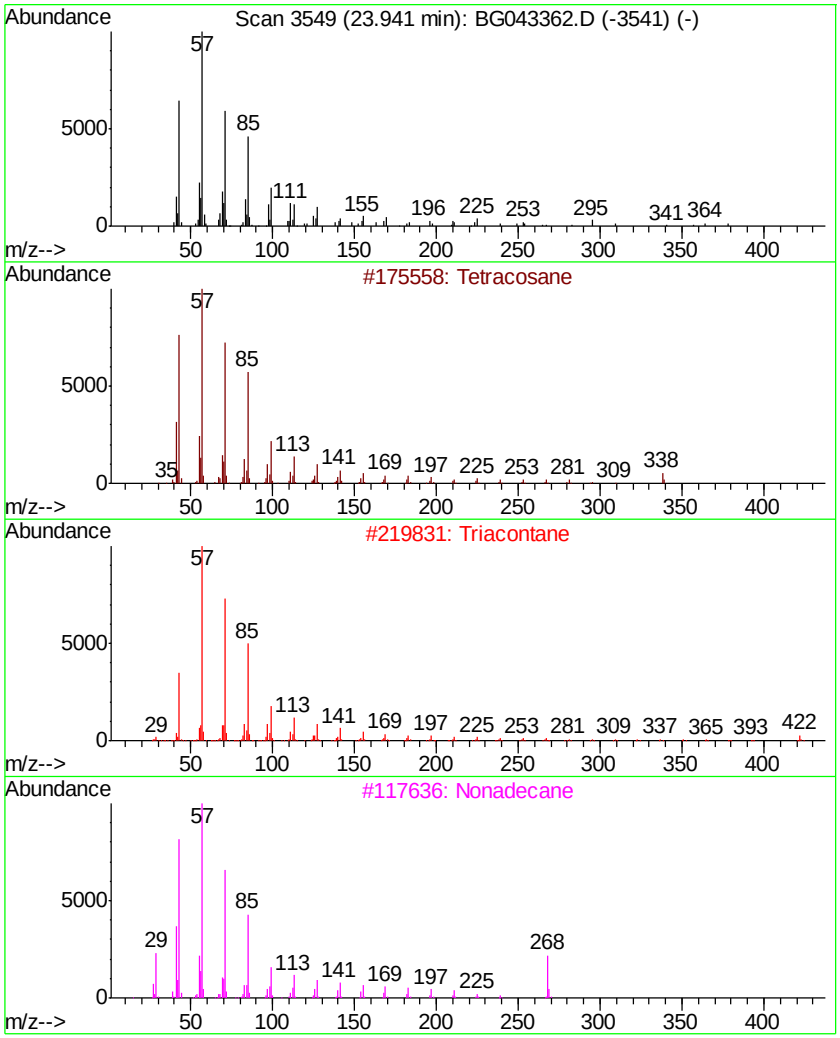
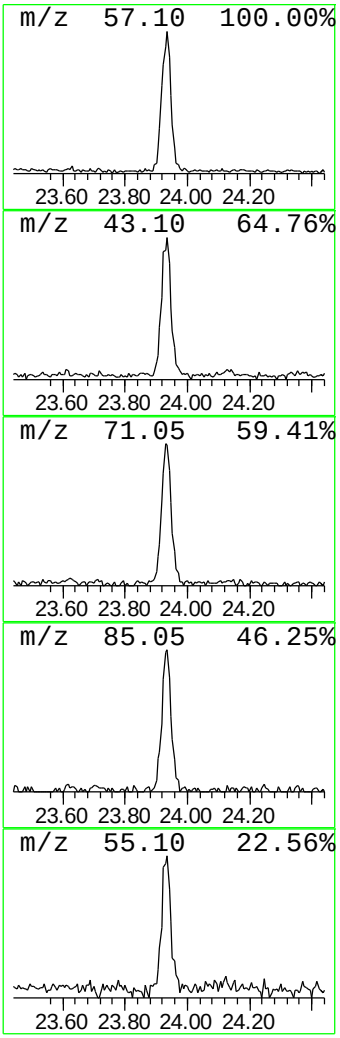
****

Peak Number 10 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.47 ng	176609	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Triacontane	422	C30H62	000638-68-6	90
3	Nonadecane	268	C19H40	000629-92-5	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Operator : JU
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Misc :
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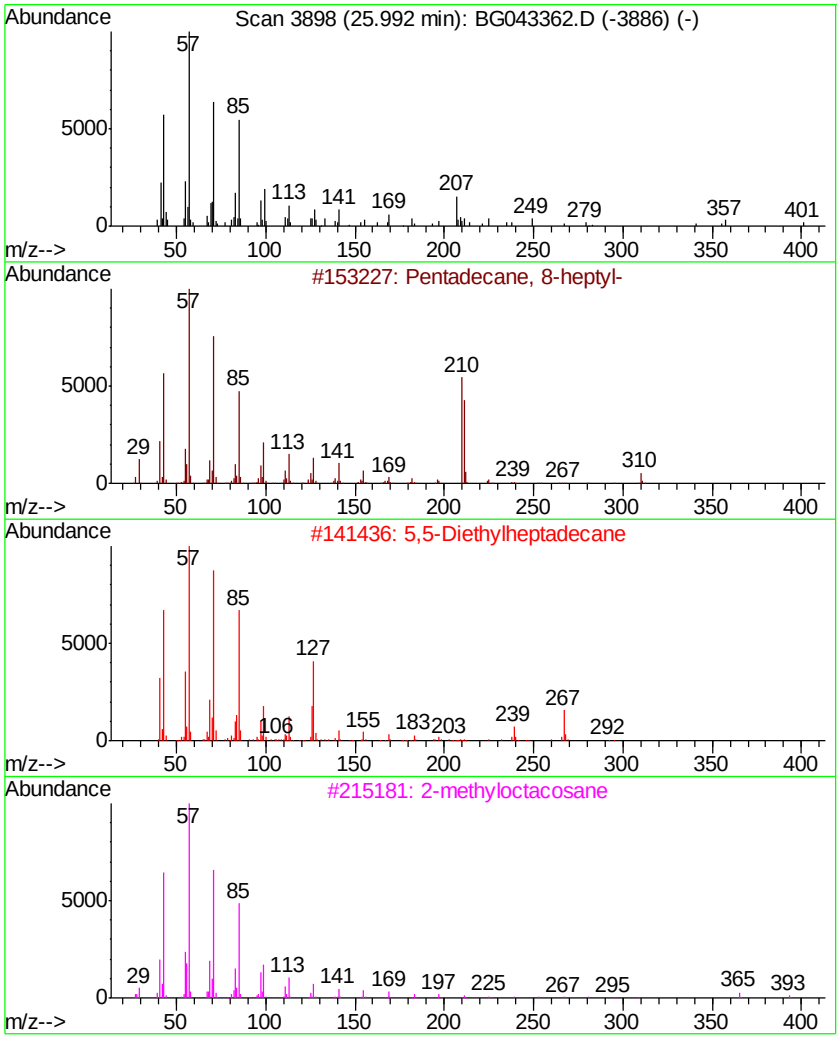
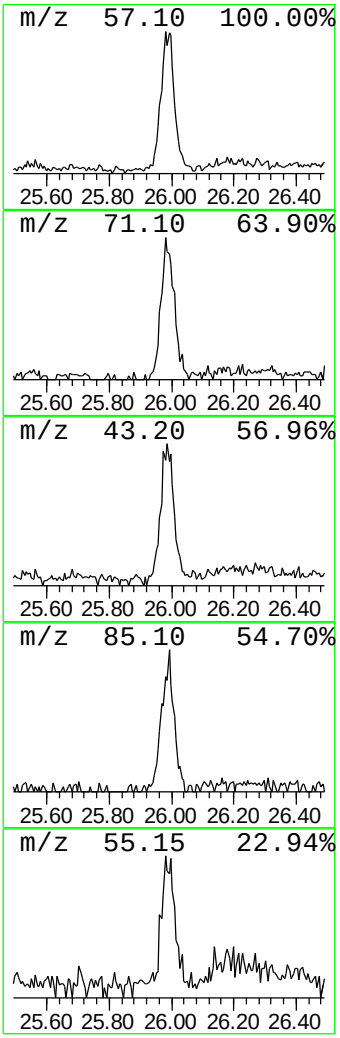
****

Peak Number 11 Pentadecane, 8-heptyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.99	3.14 ng	159740	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
2	5,5-Diethylheptadecane	296	C21H44	1000360-41-7	80
3	2-methyloctacosane	408	C29H60	1000376-72-8	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Triacontane	422	C30H62	000638-68-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102819\
Data File : BG043362.D
Acq On : 28 Oct 2019 22:47
Operator : JU
Sample : K5542-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQUIPMENT-BLANK-102419

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	128.5	ng	1542000	1	8.02	240041	20.0
1,3-Dioxolane, 2,...	3.62	3.7	ng	44181	1	8.02	240041	20.0
unknown7.57	7.57	108.8	ng	1305490	1	8.02	240041	20.0
n-Hexadecanoic acid	18.29	10.9	ng	369988	4	17.40	677696	20.0
Octadecanoic acid	19.55	4.3	ng	174082	5	21.66	819547	20.0
1-Eicosene	21.31	6.8	ng	278801	5	21.66	819547	20.0
Heneicosane	22.45	3.3	ng	134320	5	21.66	819547	20.0
Eicosane	23.14	4.4	ng	179365	5	21.66	819547	20.0
Tetracosane	23.94	3.5	ng	176609	6	24.86	1018120	20.0
Pentadecane, 8-he...	25.99	3.1	ng	159740	6	24.86	1018120	20.0