LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021102.D
Acq On : 27 Feb 2016 6:38
Operator : UM/SJ
Sample : H1558-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-12

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:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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	3.091	38	43	57	rVB	220495	334229	42.13%	8.948%
2	3.232	61	67	77	rBV2	6145	12255	1.54%	0.328%
3	5.265	407	413	420	rVB	29824	44434	5.60%	1.190%
4	5.723	485	491	498	rBB	148081	226918	28.60%	6.075%
5	7.315	755	762	770	rBB	151851	254718	32.11%	6.819%
6	7.697	820	827	834	rBB	151146	251705	31.73%	6.738%
7	8.167	902	907	913	rBB	21056	32489	4.10%	0.870%
8	8.496	956	963	970	rBB	109197	182216	22.97%	4.878%
9	9.330	1098	1105	1113	rBB	90526	160471	20.23%	4.296%
10	10.975	1379	1385	1392	rBB	30245	50979	6.43%	1.365%
11	13.408	1792	1799	1805	rBB	250935	396619	50.00%	10.618%
12	14.219	1932	1937	1945	rBV	26964	41830	5.27%	1.120%
13	14.659	2007	2012	2020	rVB	9036	13013	1.64%	0.348%
14	14.777	2026	2032	2039	rVB2	49034	79551	10.03%	2.130%
15	15.599	2168	2172	2177	rBV	7710	10383	1.31%	0.278%
16	16.252	2276	2283	2289	rBV2	237465	344384	43.41%	9.219%
17	16.457	2314	2318	2321	rBV	7486	10071	1.27%	0.270%
18	17.509	2491	2497	2504	rVB	70376	107020	13.49%	2.865%
19	18.379	2641	2645	2652	rBV	33976	47916	6.04%	1.283%
20	19.636	2856	2859	2866	rBV3	11690	16195	2.04%	0.434%
21	19.783	2879	2884	2889	rVB	13793	15253	1.92%	0.408%
22	20.100	2933	2938	2944	rVB	627751	793288	100.00%	21.237%
23	21.399	3155	3159	3166	rBV	23570	36096	4.55%	0.966%
24	21.775	3216	3223	3231	rVB	87378	138202	17.42%	3.700%
25	23.496	3511	3516	3521	rBV2	13028	22975	2.90%	0.615%
26	25.065	3773	3783	3791	rBV3	39446	112233	14.15%	3.005%

Sum of corrected areas: 3735443

LSC Report - Integrated Chromatogram

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Misc :
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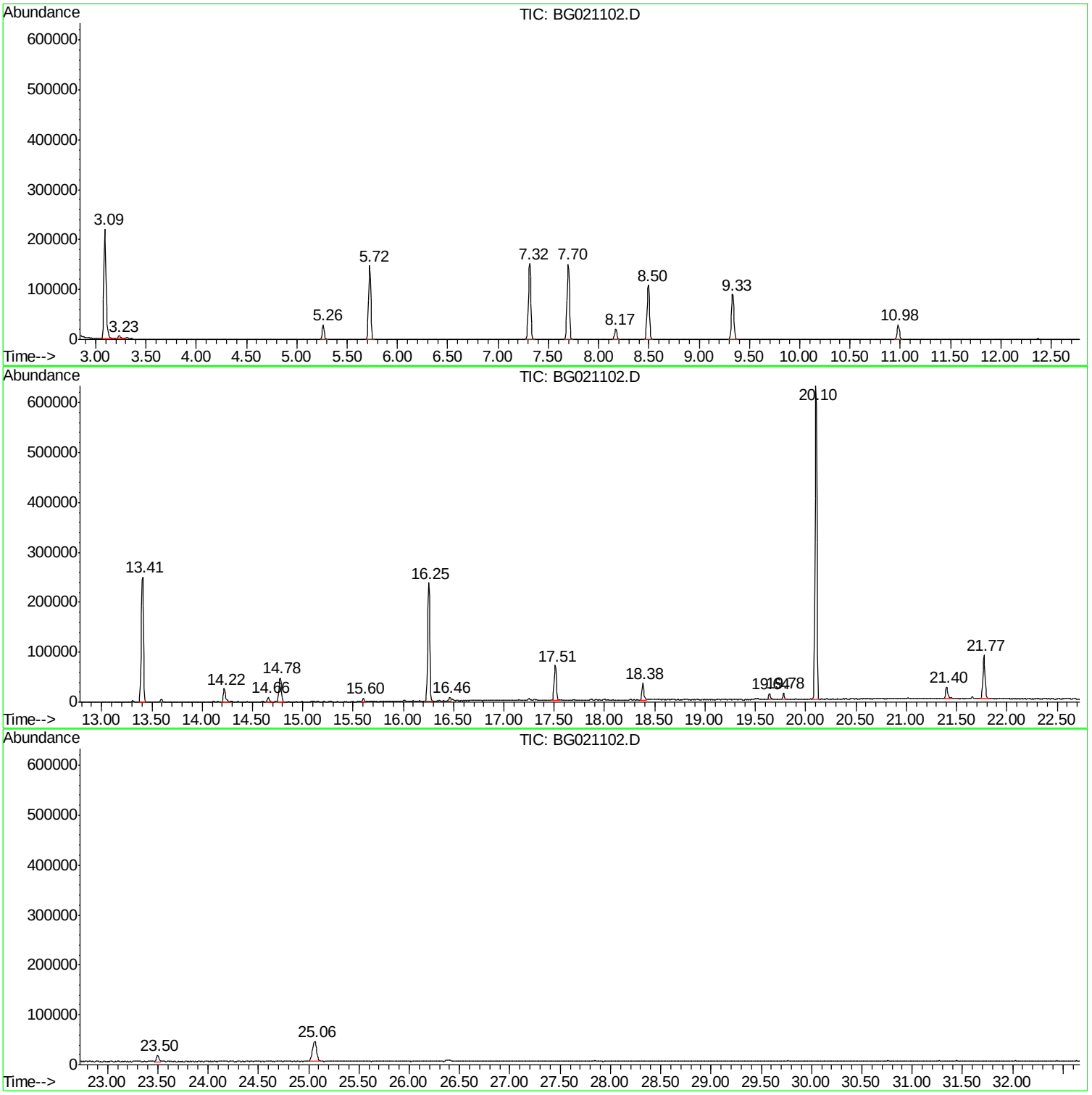
Instrument : BNA_G
ClientSampleId : S-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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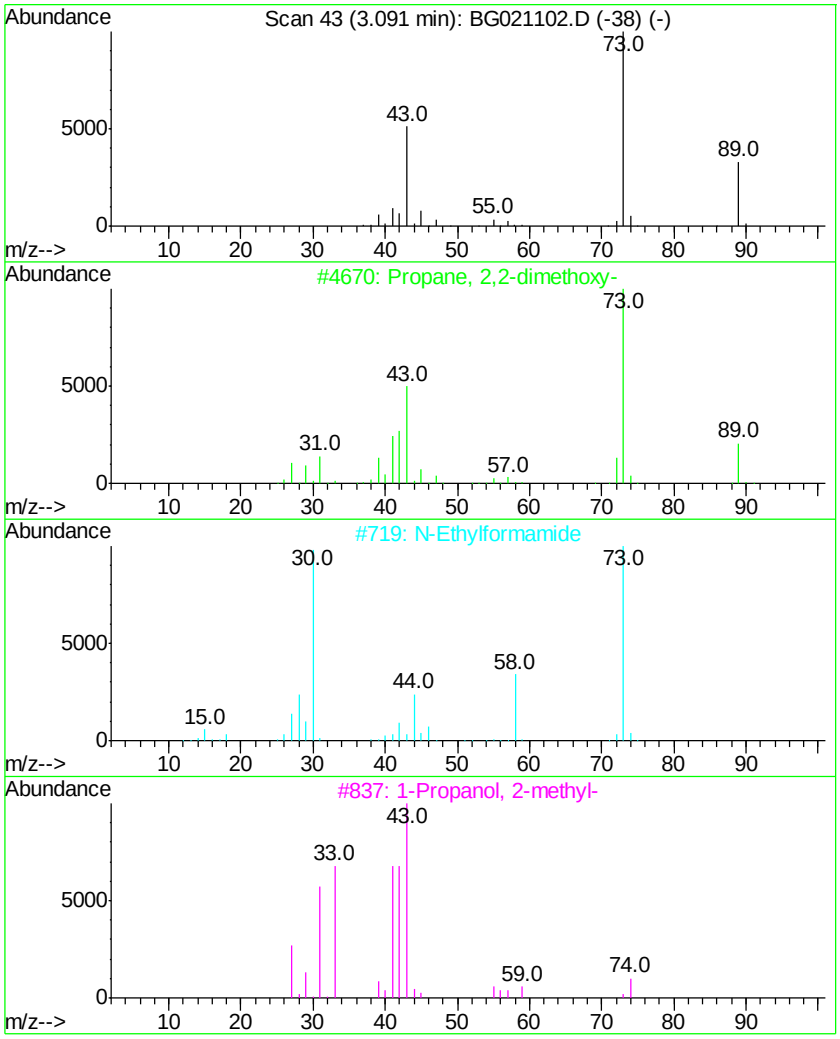
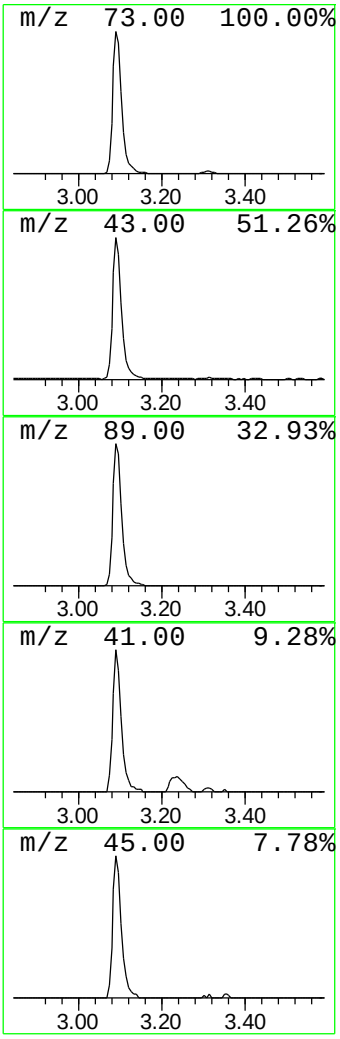
Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	205.75 ng	334229	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Sample : H1558-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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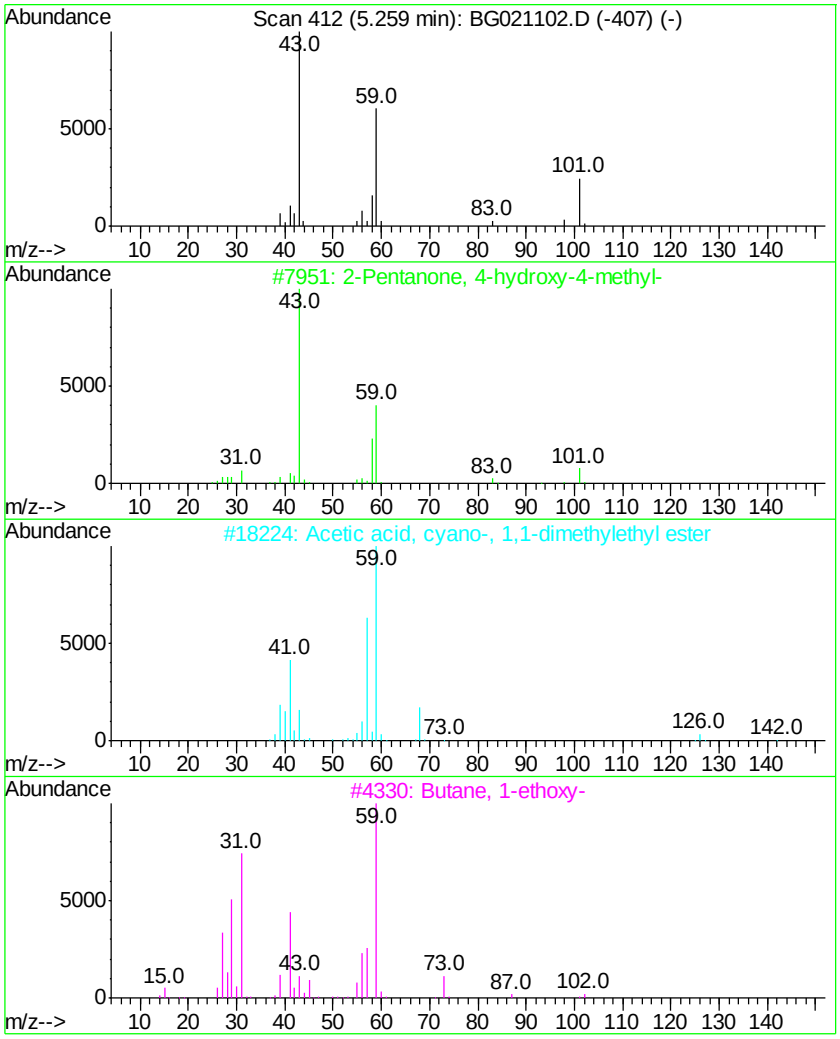
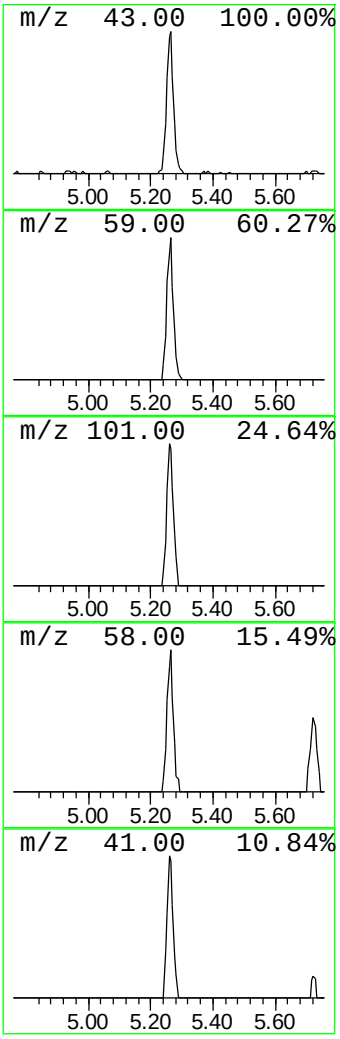
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	27.35 ng	44434	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : H1558-10
Misc :
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Instrument : BNA_G
ClientSampleId : S-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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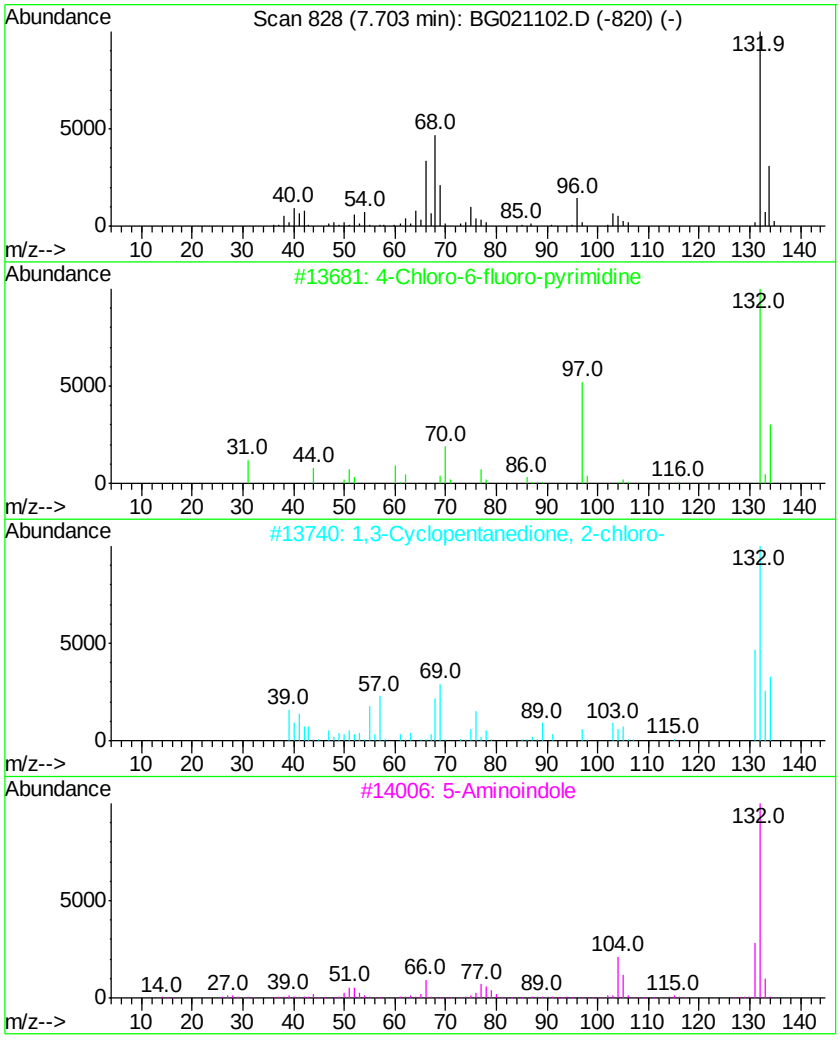
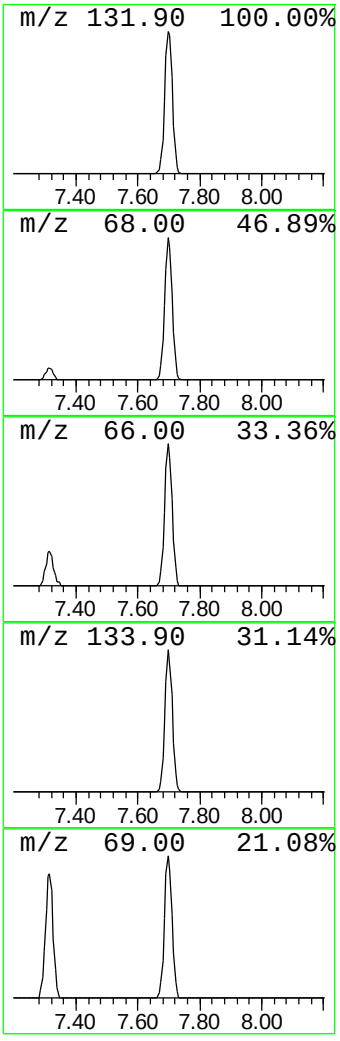
Peak Number 4 unknown7.70 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	154.95 ng	251705	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Sample : H1558-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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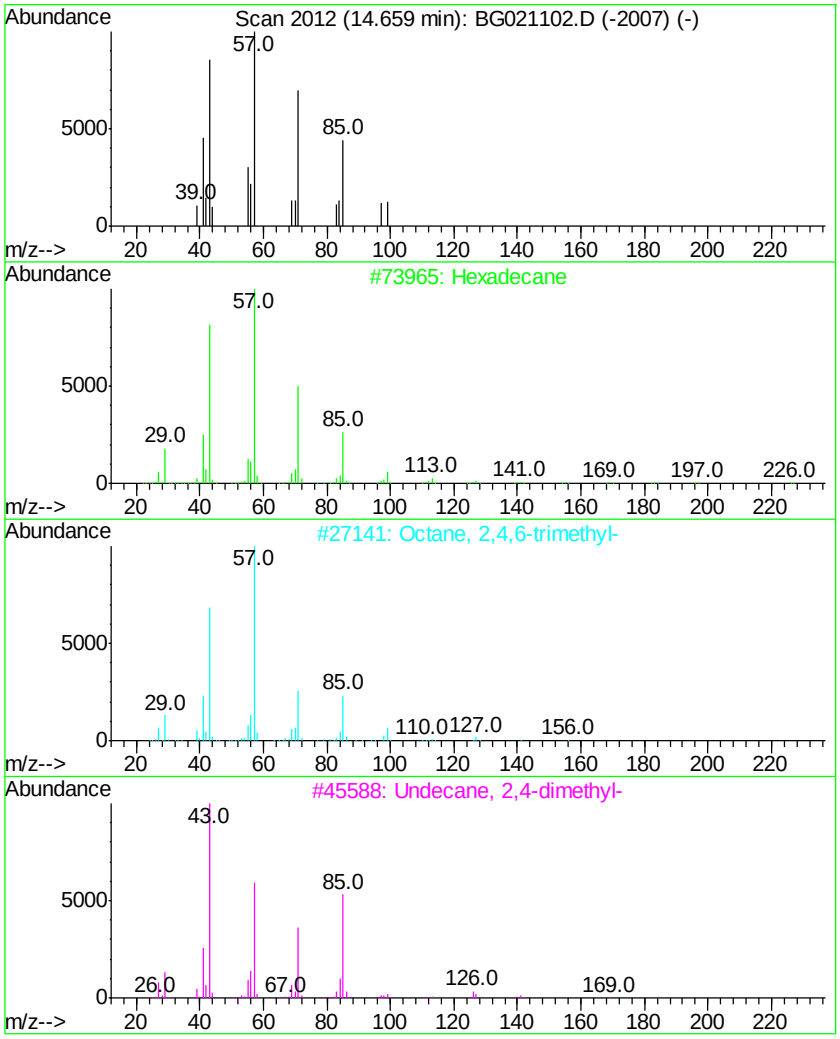
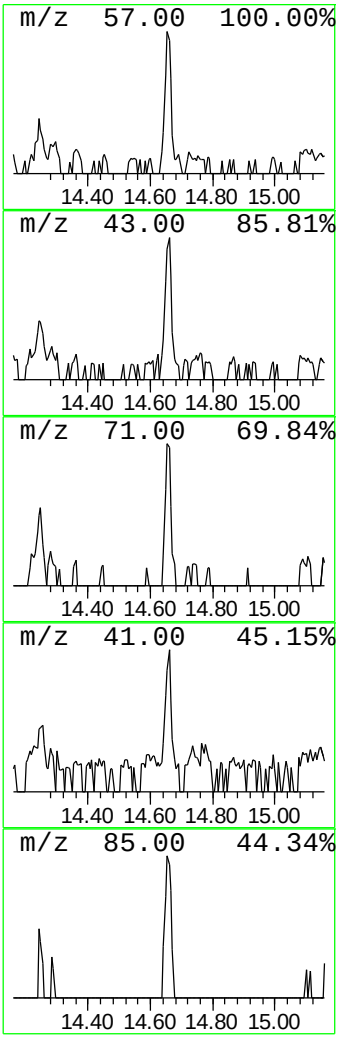
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	3.27 ng	13013	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	53
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53





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Sample : H1558-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
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TIC Library : C:\DATABASE\NIST02.L
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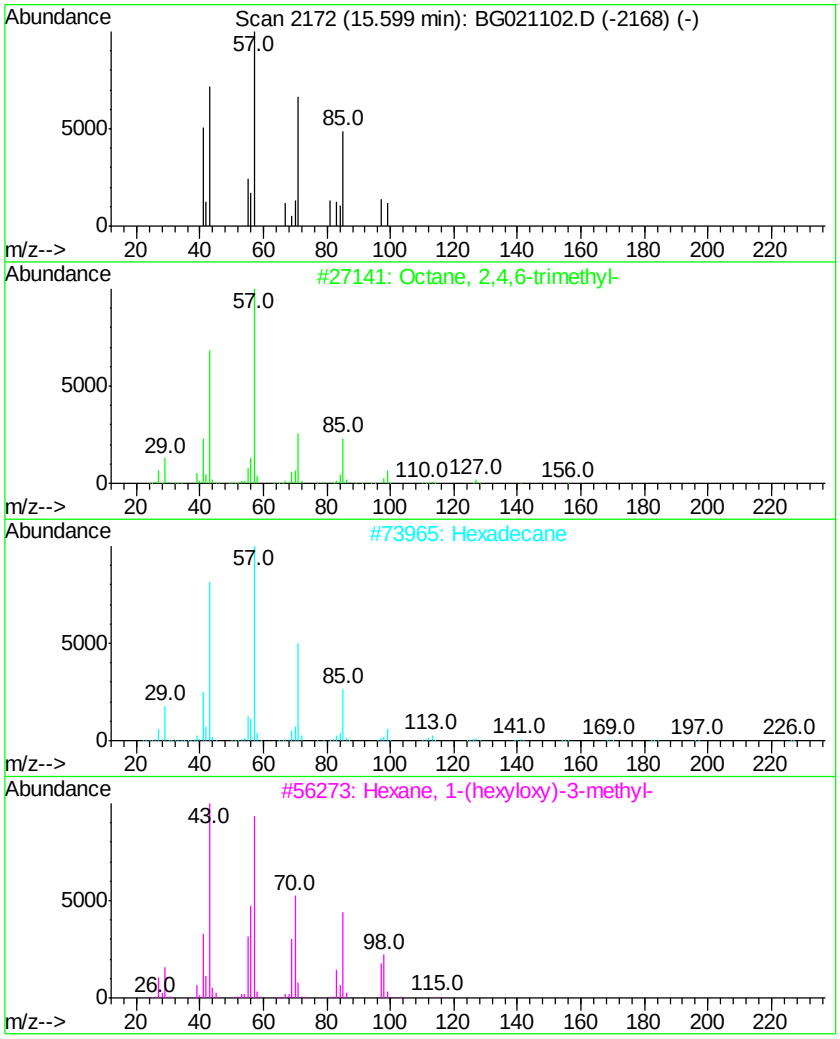
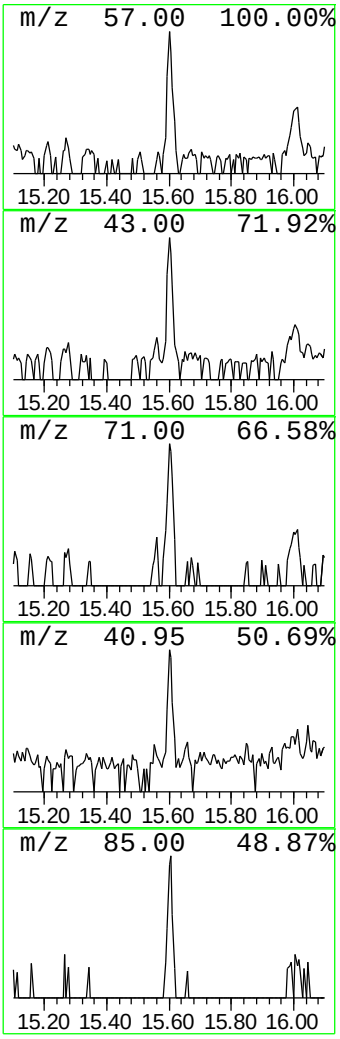
****

Peak Number 7 unknown15.60 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.61 ng	10383	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	45
2	Hexadecane	226	C16H34	000544-76-3	45
3	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	43
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	37





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Instrument : BNA_G
ClientSampleId : S-12

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TIC Library : C:\DATABASE\NIST02.L
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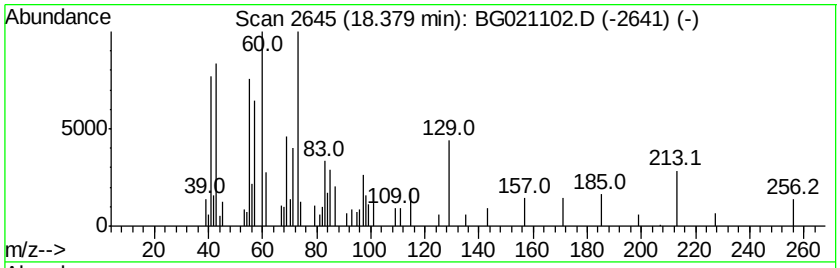
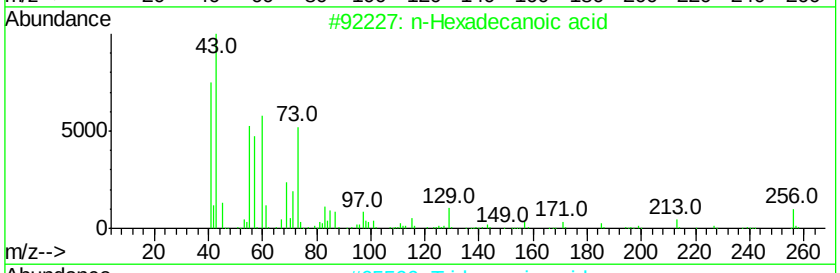
****

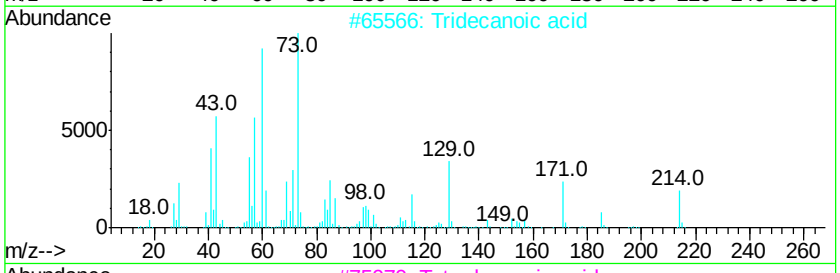
Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

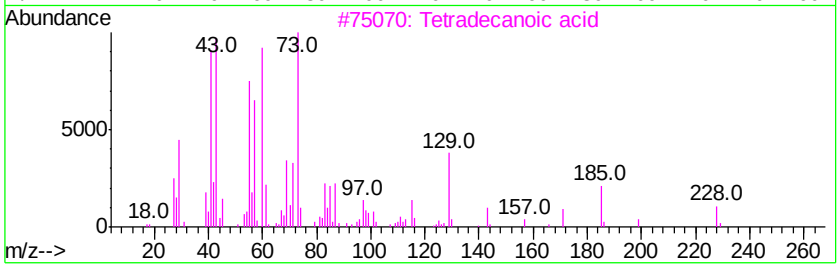
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	8.95 ng	47916	Phenanthrene-d10	17.51

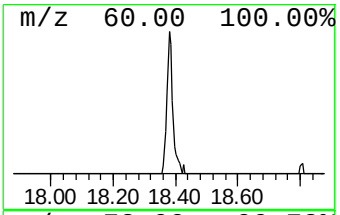
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59

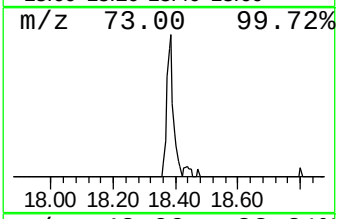


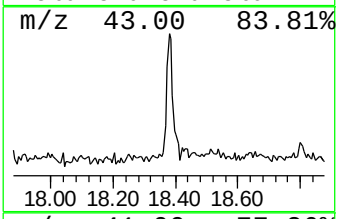


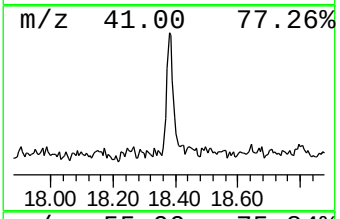


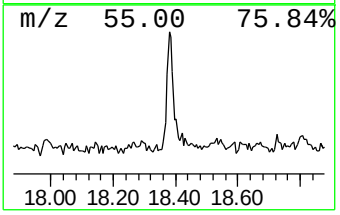












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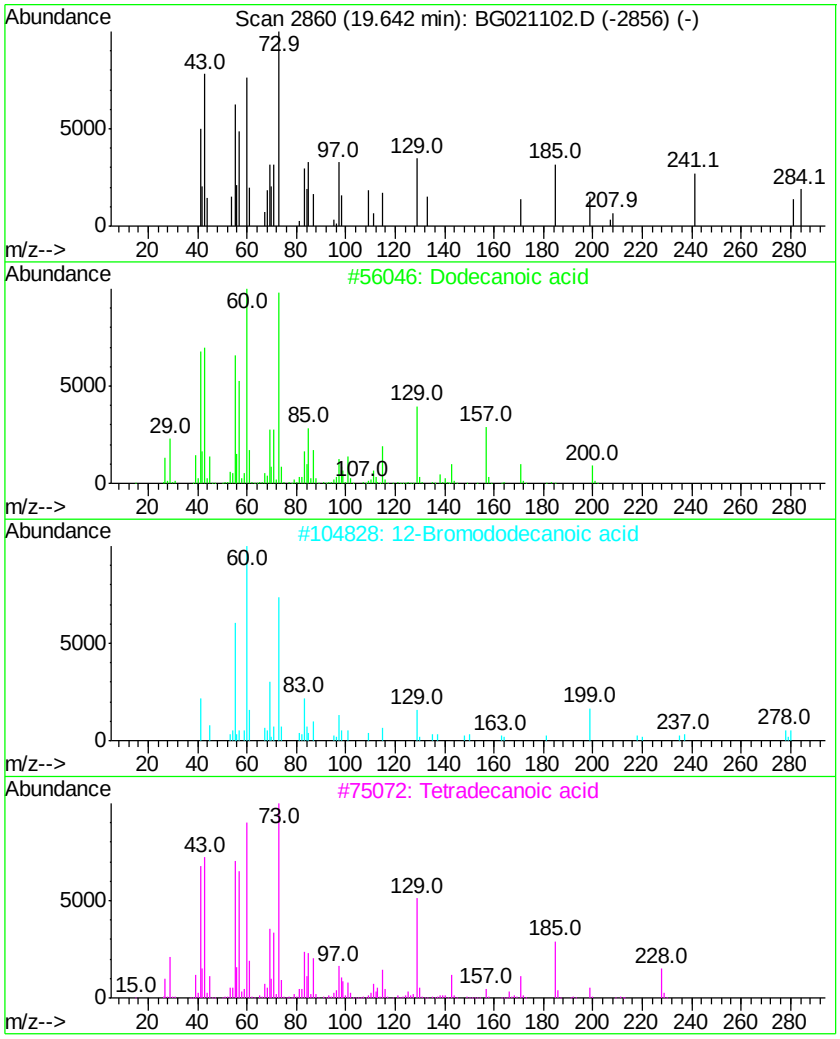
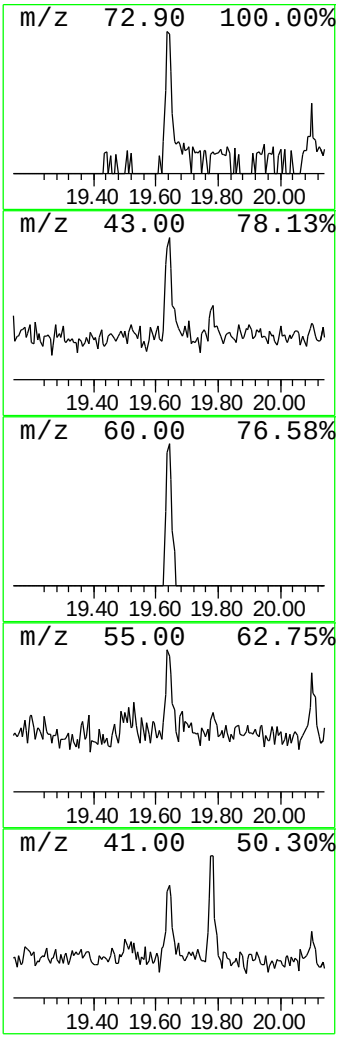
****

Peak Number 9 unknown19.64 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	3.03 ng	16195	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	43
2	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	43
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5	Tridecanoic acid	214	C13H26O2	000638-53-9	35





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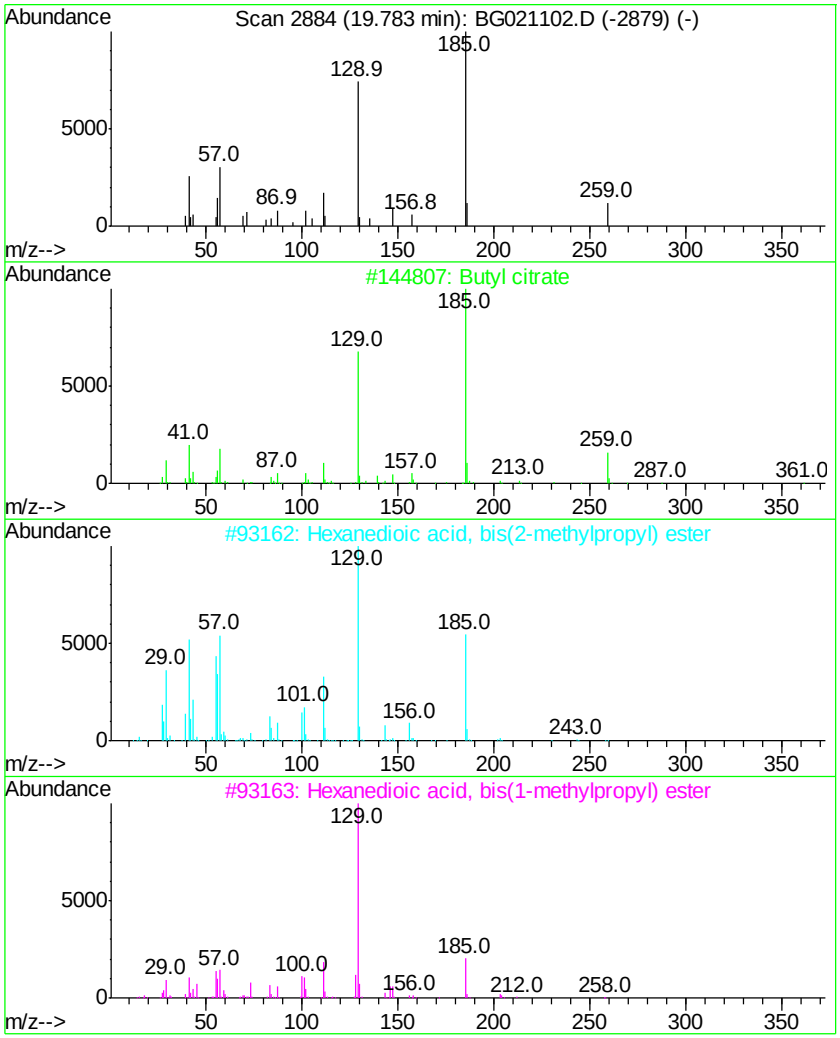
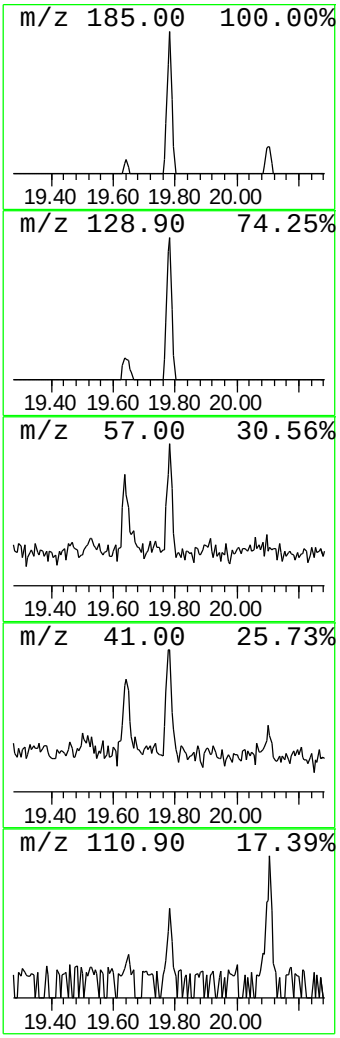
Peak Number 10 Butyl citrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	2.21 ng	15253	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	78
2	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	72
3	Hexanedioic acid, bis(1-methylpr...	258	C14H26O4	038447-22-2	72
4	Hexanedioic acid, dibutyl ester	258	C14H26O4	000105-99-7	56
5	Adipic acid, di(oct-4-yl ester)	370	C22H42O4	1000160-80-1	38





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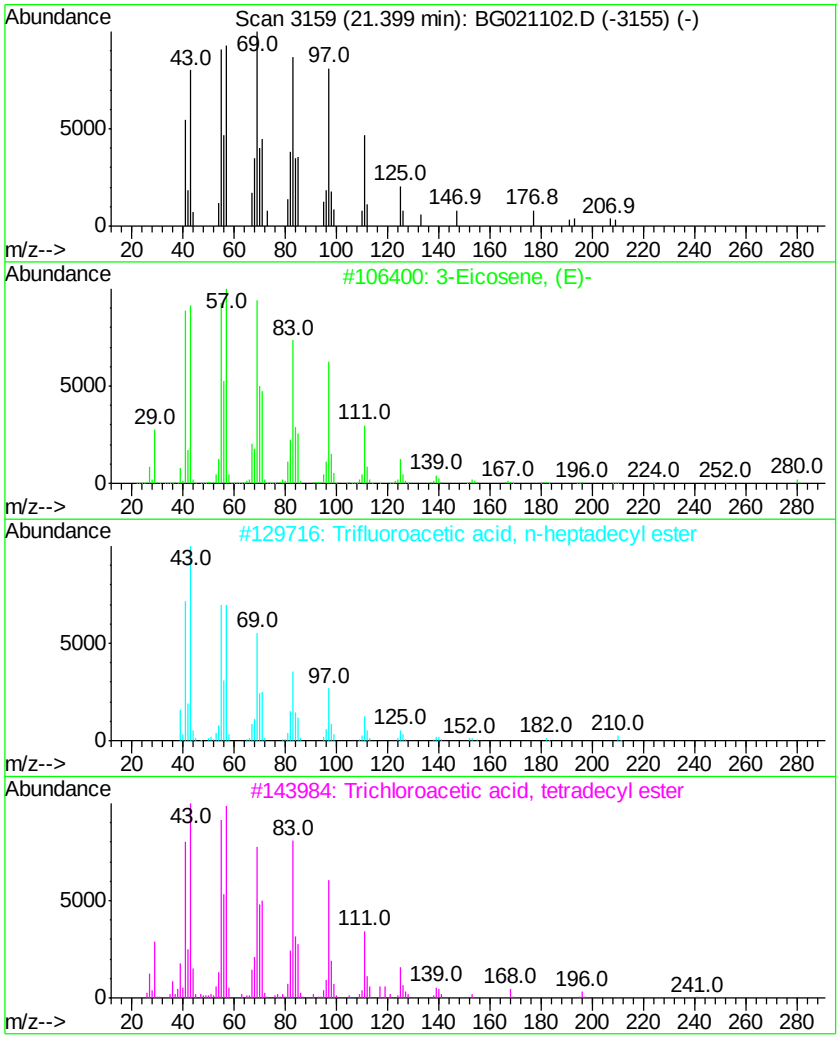
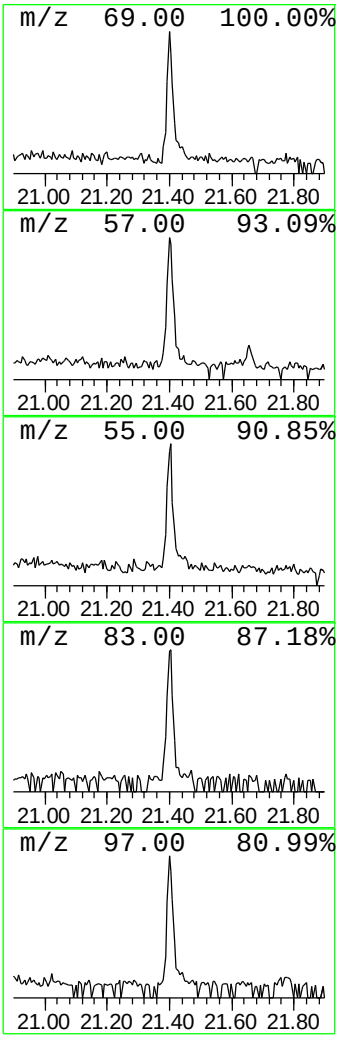
Peak Number 11 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	5.22 ng	36096	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	81
4	1-Docosene	308	C22H44	001599-67-3	81
5	1-Nonadecene	266	C19H38	018435-45-5	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021102.D
Acq On : 27 Feb 2016 6:38
Operator : UM/SJ
Sample : H1558-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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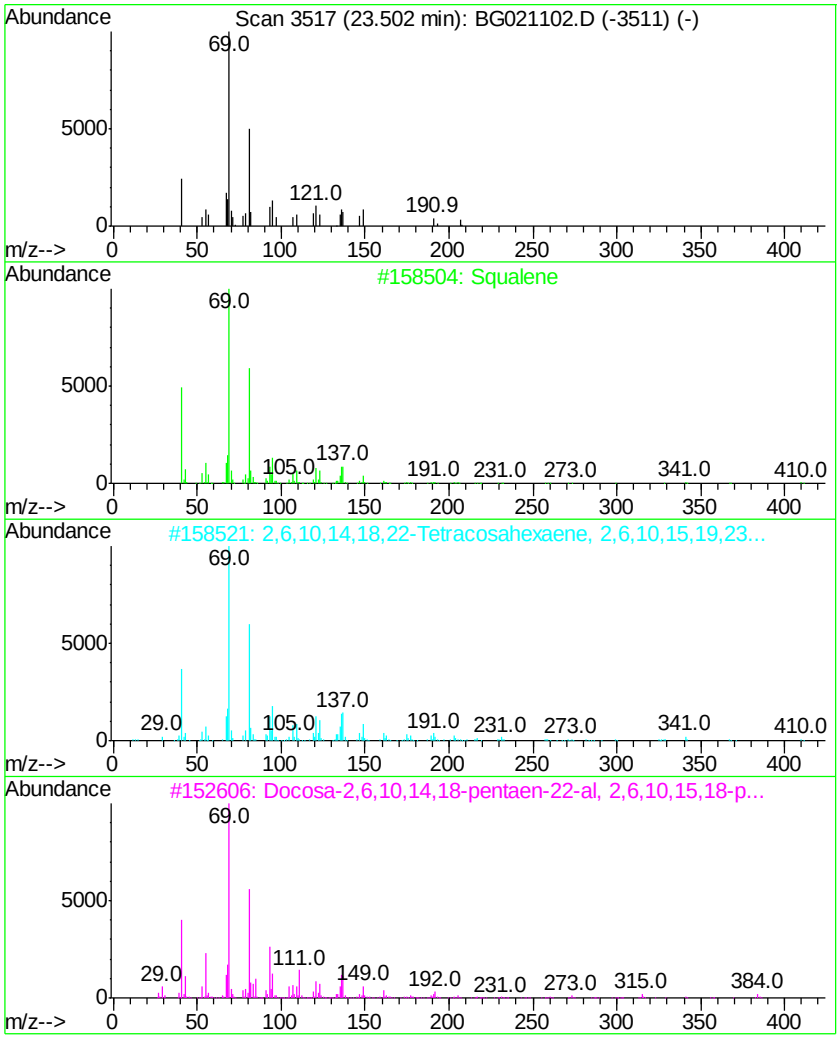
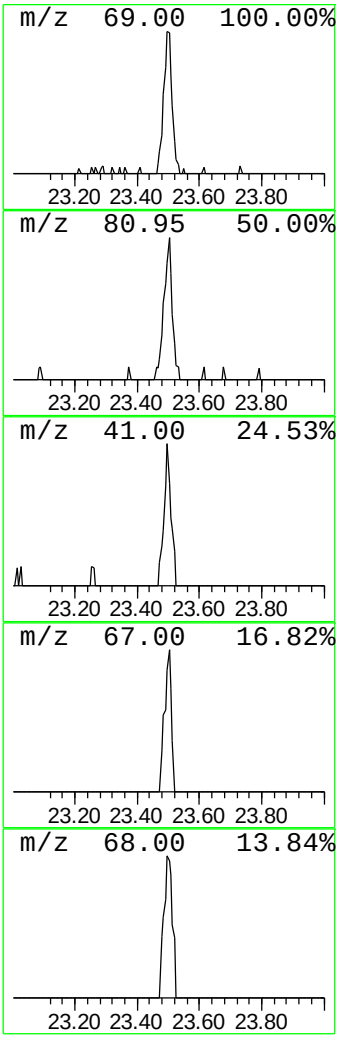
Peak Number 12 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	4.09 ng	22975	Perylene-d12	25.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	80
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	64
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	64
4	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	56
5	Propanoic acid, 2,2-dimethyl-, [...	306	C20H34O2	1000164-38-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021102.D
Acq On : 27 Feb 2016 6:38
Operator : UM/SJ
Sample : H1558-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-12

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.09	3.09	205.8	ng	334229	1	8.17	32489	20.0
2-Pentanone, 4-hy...	5.26	27.4	ng	44434	1	8.17	32489	20.0
unknown7.70	7.70	154.9	ng	251705	1	8.17	32489	20.0
Hexadecane	14.66	3.3	ng	13013	3	14.78	79551	20.0
unknown15.60	15.60	2.6	ng	10383	3	14.78	79551	20.0
n-Hexadecanoic acid	18.38	8.9	ng	47916	4	17.51	107020	20.0
unknown19.64	19.64	3.0	ng	16195	4	17.51	107020	20.0
Butyl citrate	19.78	2.2	ng	15253	5	21.77	138202	20.0
3-Eicosene, (E)-	21.40	5.2	ng	36096	5	21.77	138202	20.0
Squalene	23.50	4.1	ng	22975	6	25.06	112233	20.0