LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029302.D
Acq On : 17 Oct 2017 15:35
Operator : SJ/JU
Sample : I5794-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-106-5(0-10)

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-BG101617.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	5.246	327	333	347	rBV	193144	292056	6.71%	1.160%
2	5.722	405	414	424	rBV	1005984	1620067	37.20%	6.433%
3	7.326	678	687	703	rBV	1056590	1993688	45.78%	7.917%
4	7.702	741	751	766	rBV	1041211	1803791	41.42%	7.163%
5	8.172	823	831	838	rBV	225935	385181	8.84%	1.530%
6	8.495	878	886	899	rVB	750242	1306393	30.00%	5.188%
7	9.335	1020	1029	1038	rBV	652864	1161470	26.67%	4.612%
8	10.986	1302	1310	1320	rBV	352303	640323	14.70%	2.543%
9	12.279	1525	1530	1538	rVB	26416	43599	1.00%	0.173%
10	13.413	1716	1723	1731	rBV	1863757	2936675	67.43%	11.661%
11	14.229	1855	1862	1870	rBV	350077	508164	11.67%	2.018%
12	14.787	1950	1957	1968	rVB2	594799	955874	21.95%	3.796%
13	16.133	2178	2186	2191	rBV	106204	150636	3.46%	0.598%
14	16.268	2202	2209	2221	rBV	1634878	2421515	55.60%	9.616%
15	17.525	2416	2423	2432	rBV2	796210	1177618	27.04%	4.676%
16	18.395	2562	2571	2581	rBV	182556	271620	6.24%	1.079%
17	19.652	2781	2785	2792	rBV2	61844	92770	2.13%	0.368%
18	20.116	2857	2864	2872	rBV	3257185	4355170	100.00%	17.294%
19	21.415	3080	3085	3097	rBV2	150592	265873	6.10%	1.056%
20	21.797	3143	3150	3160	rBV2	810211	1359734	31.22%	5.399%
21	23.518	3438	3443	3450	rVB	78035	152513	3.50%	0.606%
22	25.105	3703	3713	3729	rBV2	422699	1288186	29.58%	5.115%

Sum of corrected areas: 25182916

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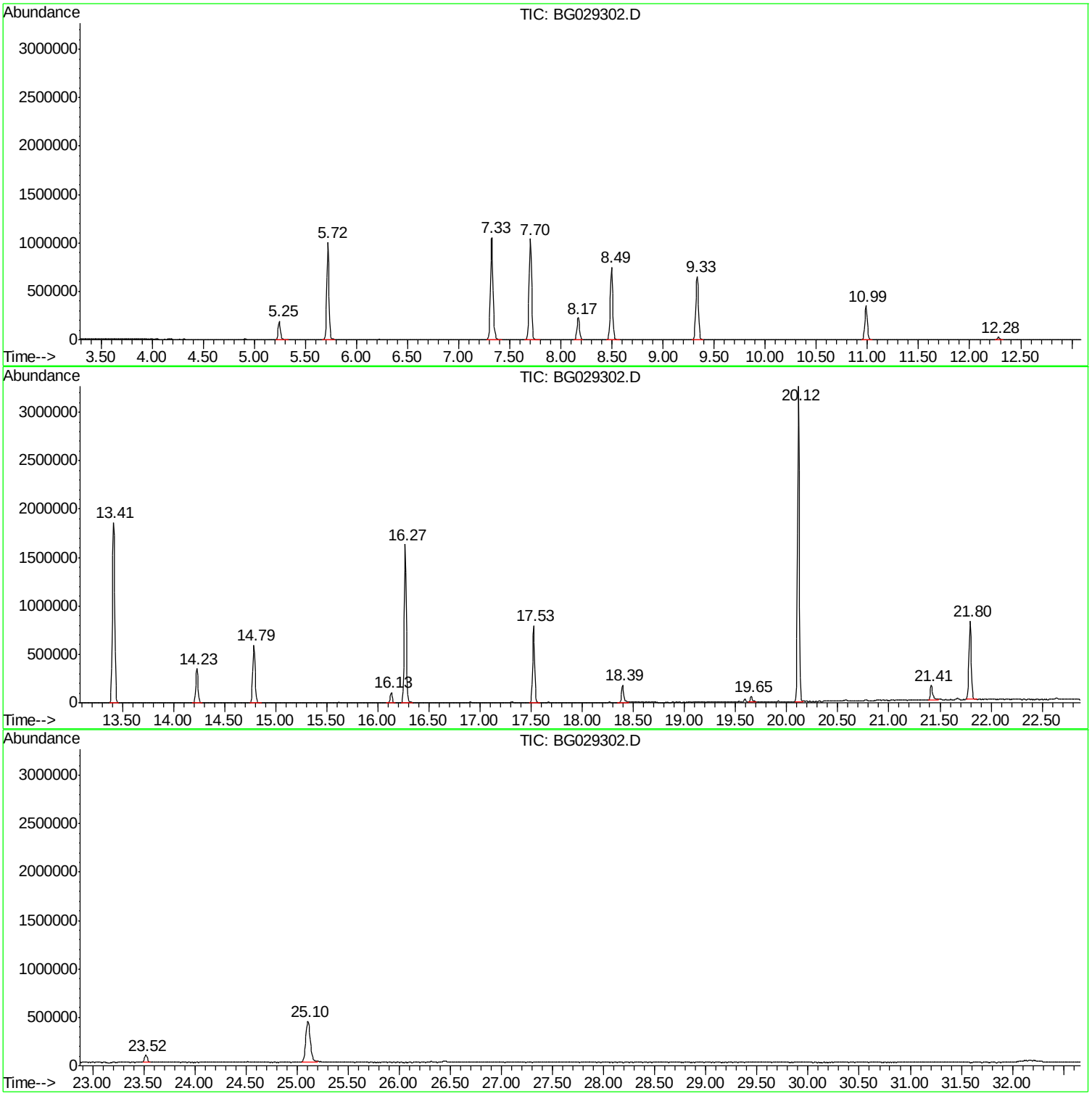
ClientSampleId :
ENV-106-5(0-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.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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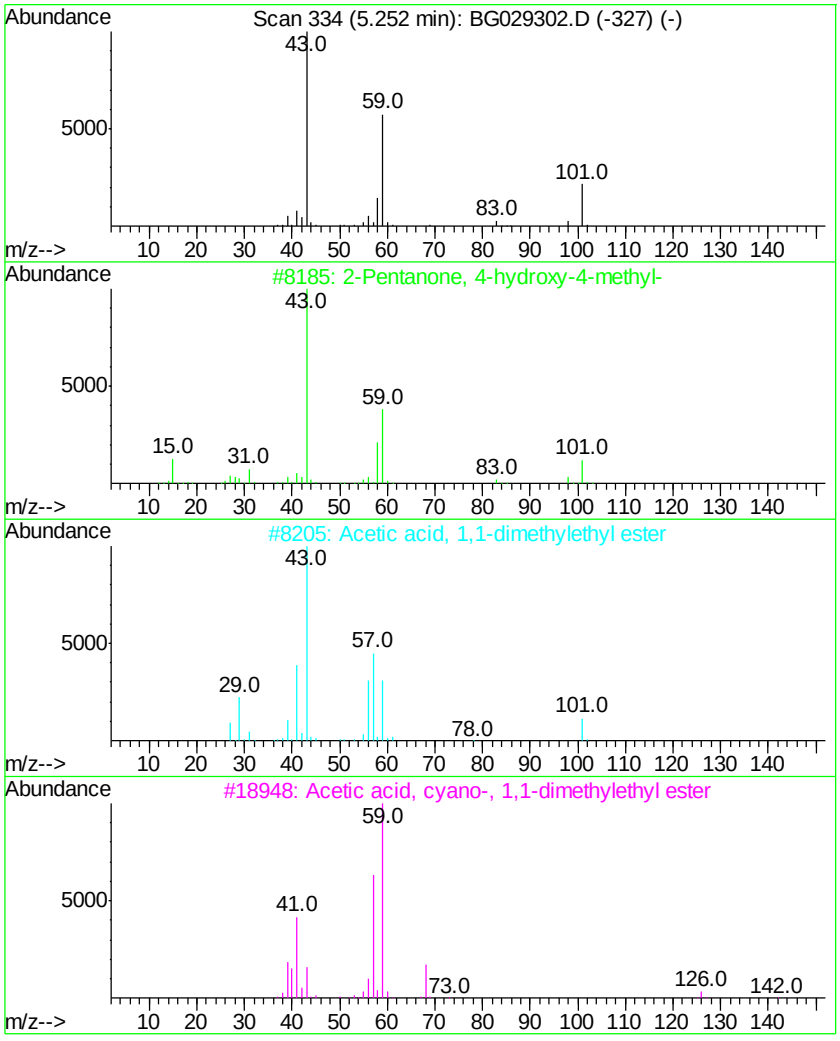
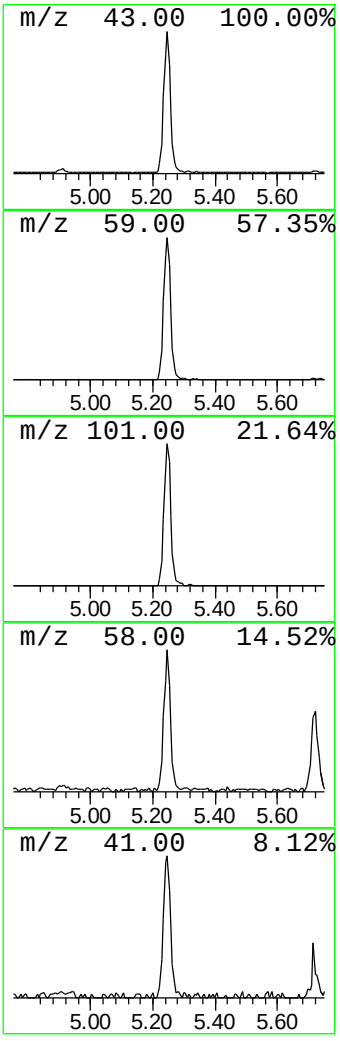
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	15.16 ng	292056	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	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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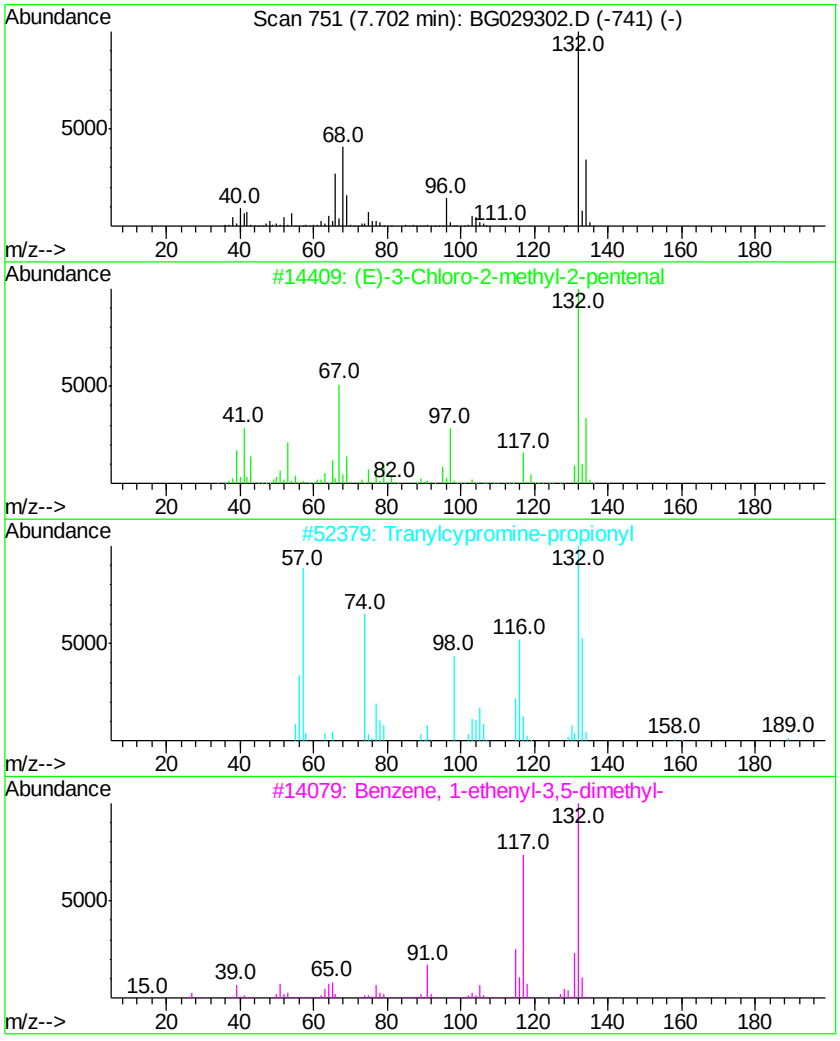
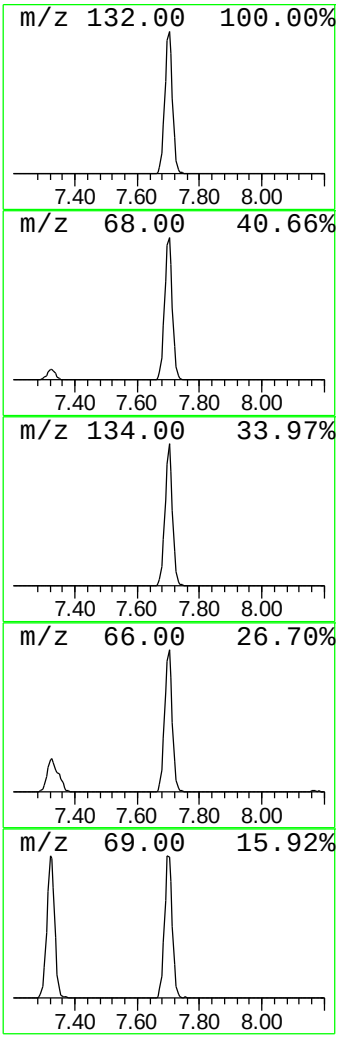
Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	93.66 ng	1803790	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : I5794-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-106-5(0-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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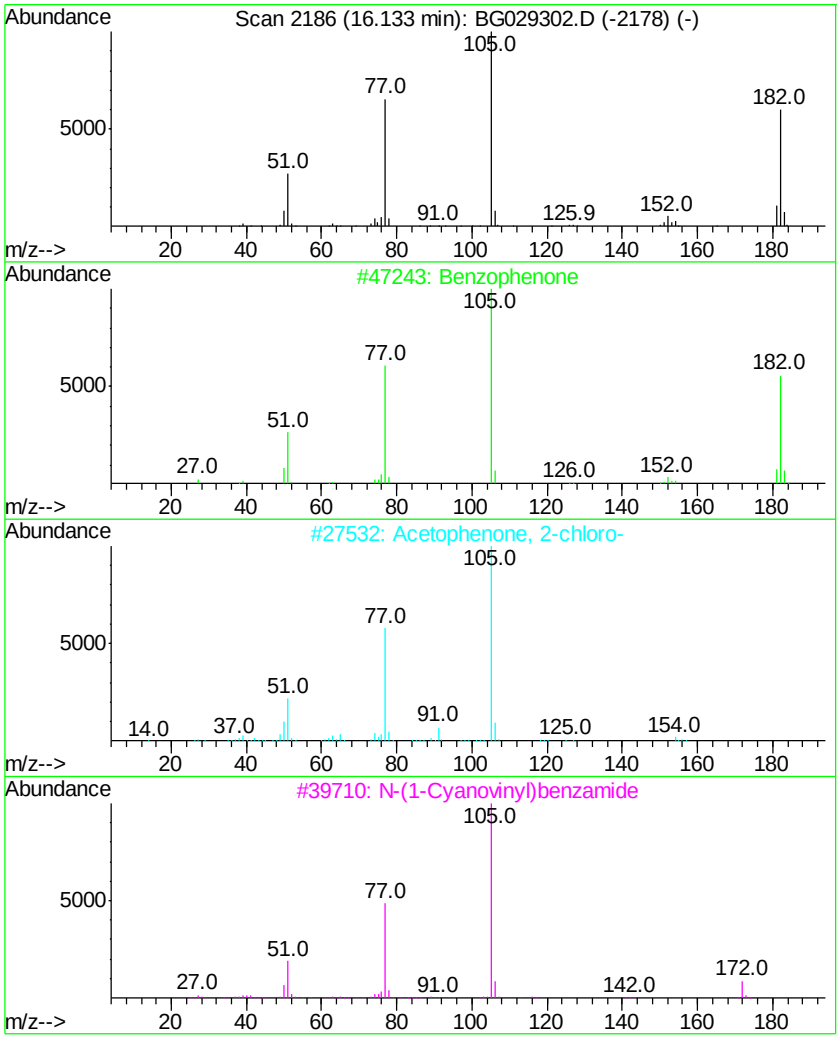
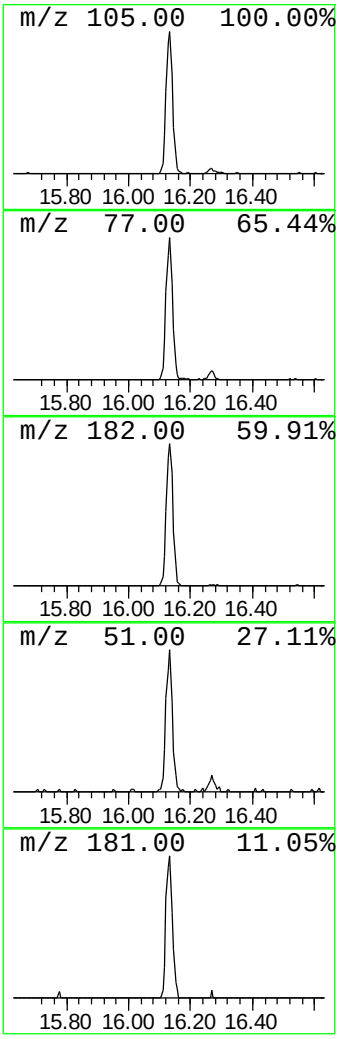
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	3.15 ng	150636	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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Sample : I5794-02
Misc :
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Instrument : BNA_G
ClientSampleId : ENV-106-5(0-10)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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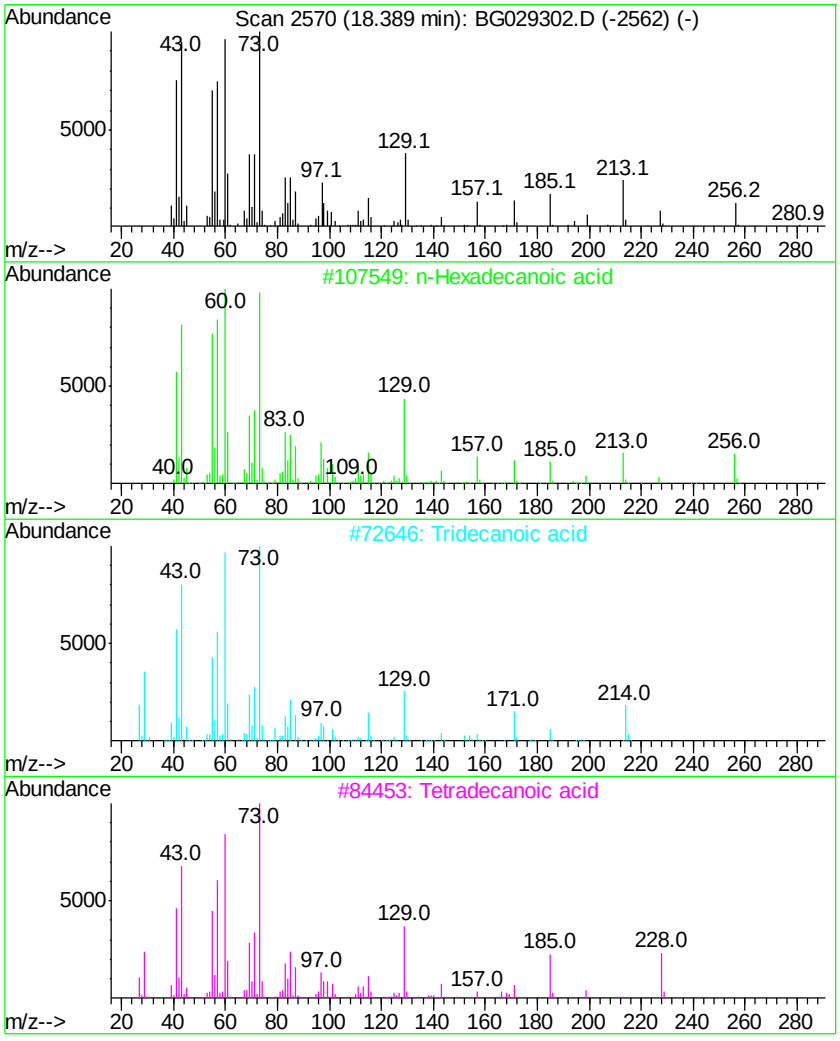
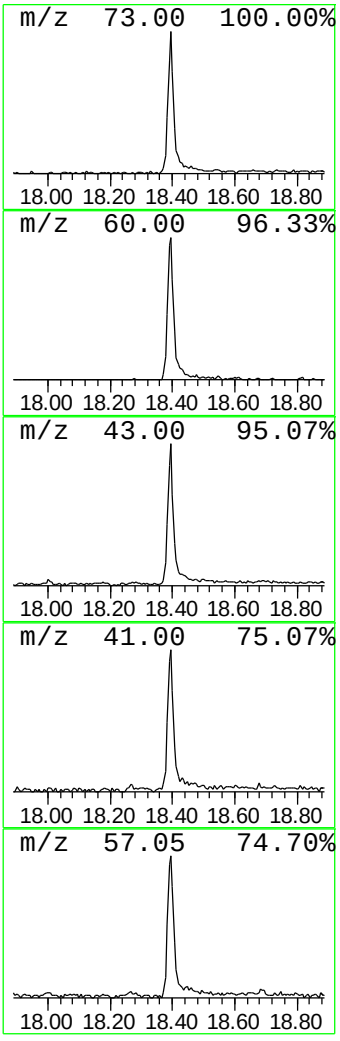
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	4.61 ng	271620	Phenanthrene-d10	17.53

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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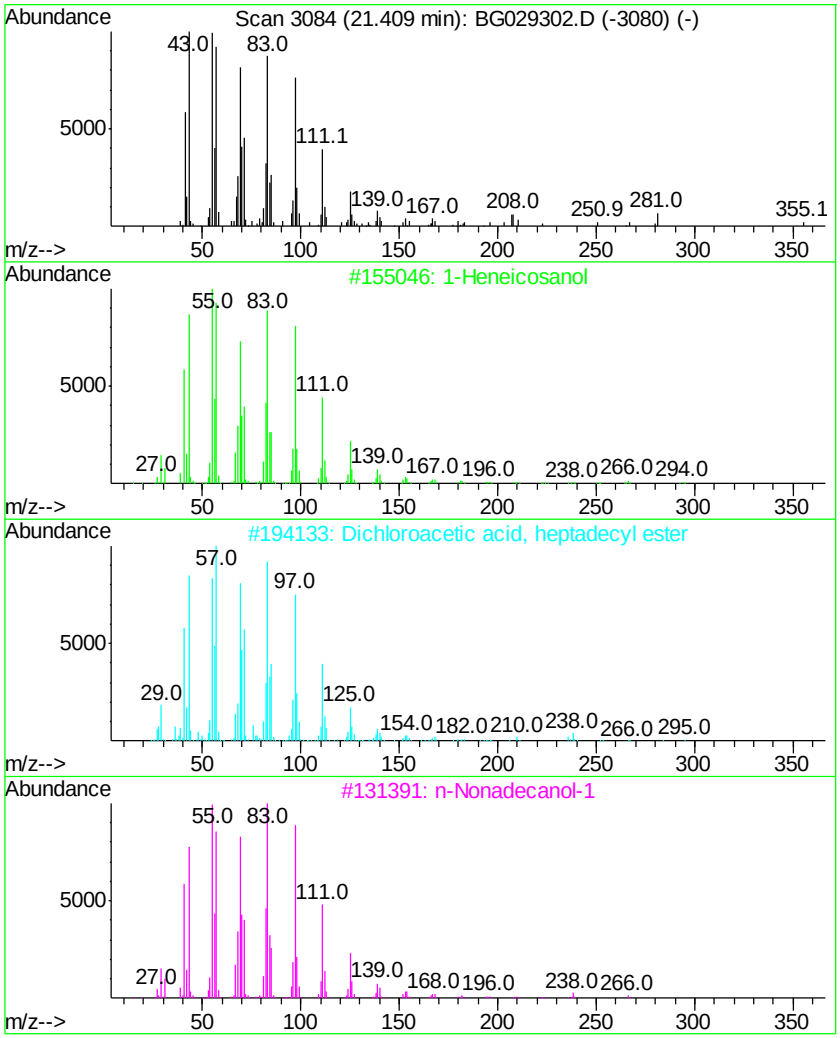
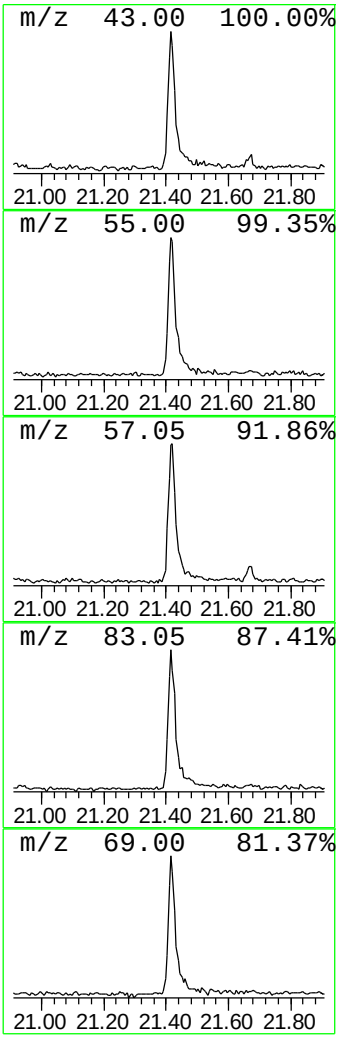
Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	3.91 ng	265873	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





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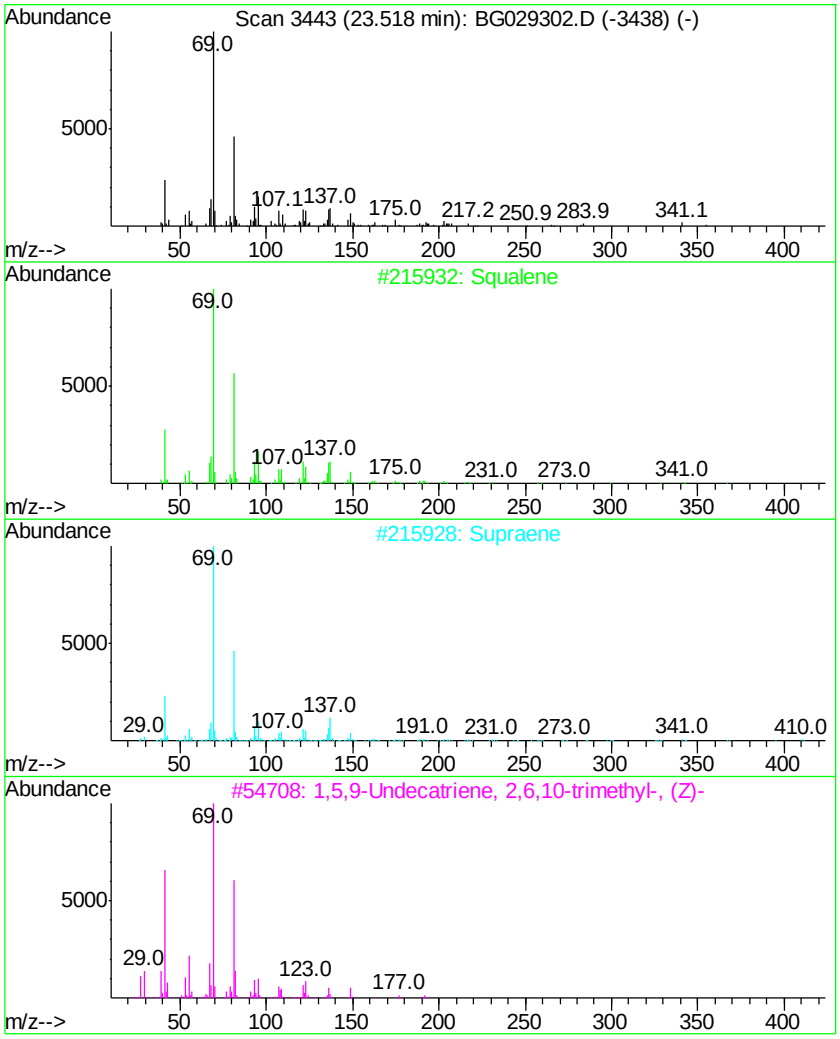
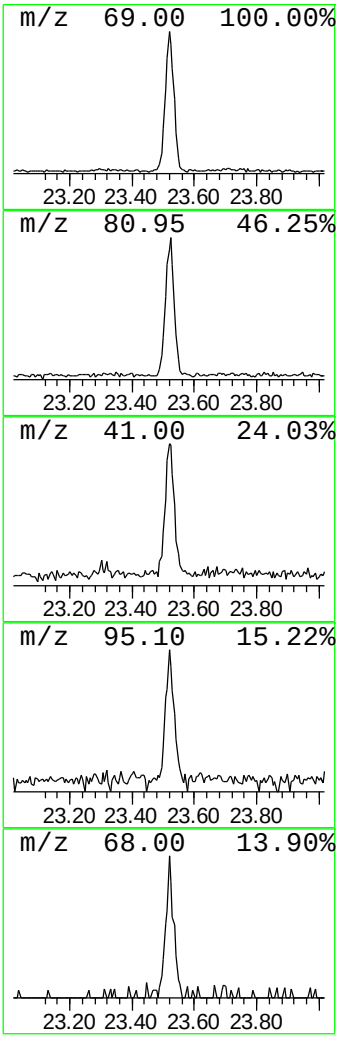
Peak Number 7 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	2.37 ng	152513	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	90
2	Supraene	410	C30H50	007683-64-9	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
5	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	64





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.25	15.2	ng	292056	1	8.17	385181	20.0
unknown7.70	7.70	93.7	ng	1803790	1	8.17	385181	20.0
Benzophenone	16.13	3.1	ng	150636	3	14.79	955874	20.0
n-Hexadecanoic acid	18.39	4.6	ng	271620	4	17.53	1177620	20.0
1-Heneicosanol	21.41	3.9	ng	265873	5	21.80	1359730	20.0
Squalene	23.52	2.4	ng	152513	6	25.10	1288190	20.0