LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029306.D
Acq On : 17 Oct 2017 18:13
Operator : SJ/JU
Sample : I5794-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-105-4(10-15)

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	5.245	327	333	350	rBV	170822	261746	6.77%	1.074%
2	5.720	407	414	427	rBV	944418	1517584	39.25%	6.228%
3	7.324	679	687	700	rBV	1003494	1835989	47.48%	7.534%
4	7.700	743	751	759	rBV	973567	1678875	43.42%	6.889%
5	8.170	824	831	838	rBV	230165	392444	10.15%	1.610%
6	8.494	876	886	899	rBV	669360	1203015	31.11%	4.937%
7	9.334	1020	1029	1040	rBV	611417	1074109	27.78%	4.408%
8	10.985	1303	1310	1319	rVB	354654	654313	16.92%	2.685%
9	12.283	1523	1531	1541	rBV	108727	179975	4.65%	0.739%
10	13.417	1716	1724	1732	rBV	1735564	2761217	71.41%	11.331%
11	14.228	1856	1862	1870	rBV	314090	455362	11.78%	1.869%
12	14.786	1949	1957	1966	rBV3	611760	990486	25.61%	4.065%
13	16.132	2179	2186	2193	rBV	631724	890201	23.02%	3.653%
14	16.267	2202	2209	2220	rBV	1509803	2259454	58.43%	9.272%
15	17.524	2411	2423	2433	rBV	810053	1227108	31.73%	5.036%
16	18.394	2565	2571	2581	rBV3	108465	164411	4.25%	0.675%
17	19.651	2780	2785	2793	rBV2	40208	58632	1.52%	0.241%
18	20.115	2857	2864	2878	rBV	3017413	3866907	100.00%	15.868%
19	21.420	3081	3086	3098	rBV	65460	119770	3.10%	0.491%
20	21.796	3142	3150	3160	rBV2	833306	1423116	36.80%	5.840%
21	25.104	3702	3713	3726	rBV2	428222	1354006	35.02%	5.556%

Sum of corrected areas: 24368720

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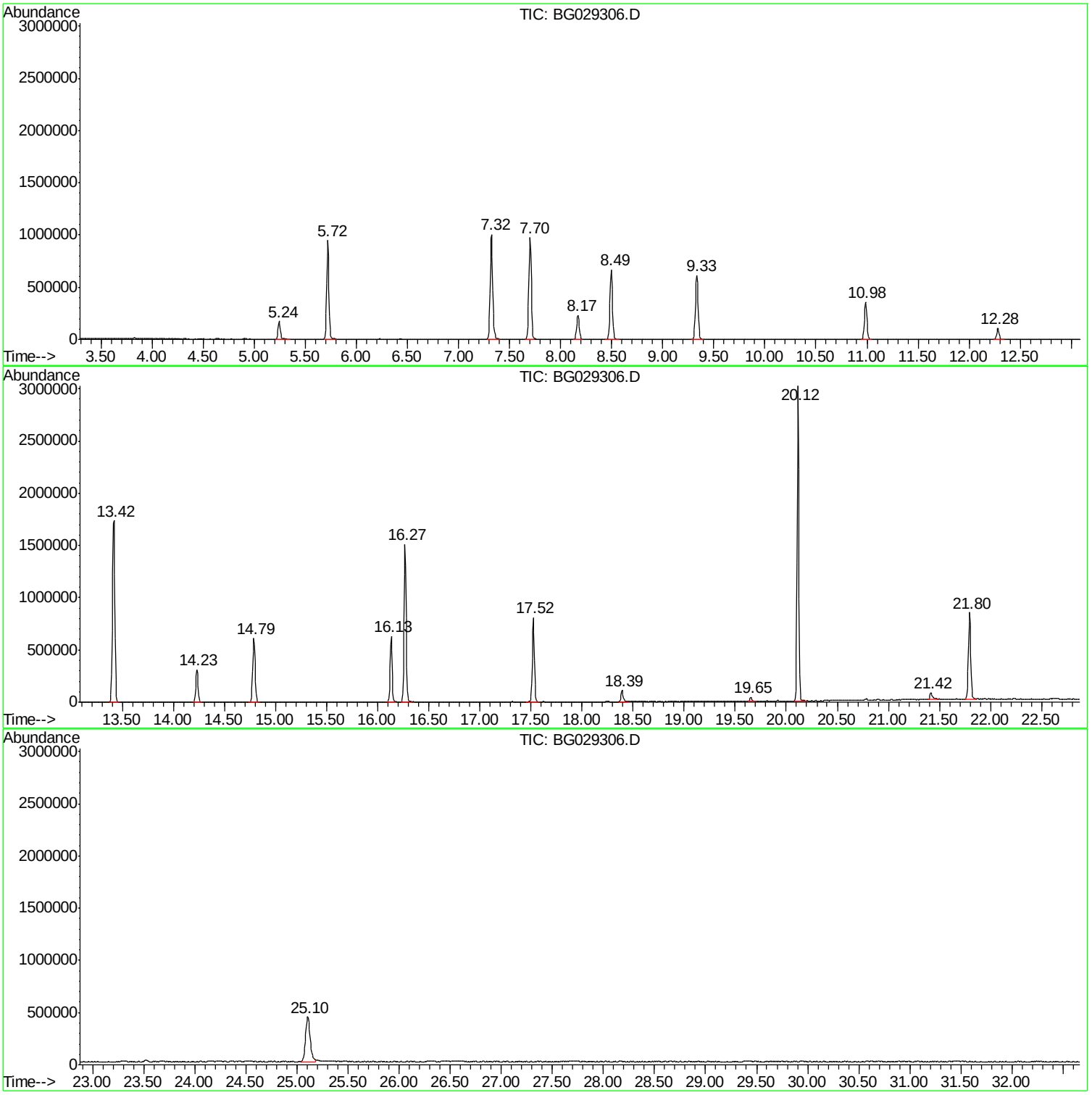
BNA_G
ClientSampleId :
ENV-105-4(10-15)

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



Library Search Compound Report

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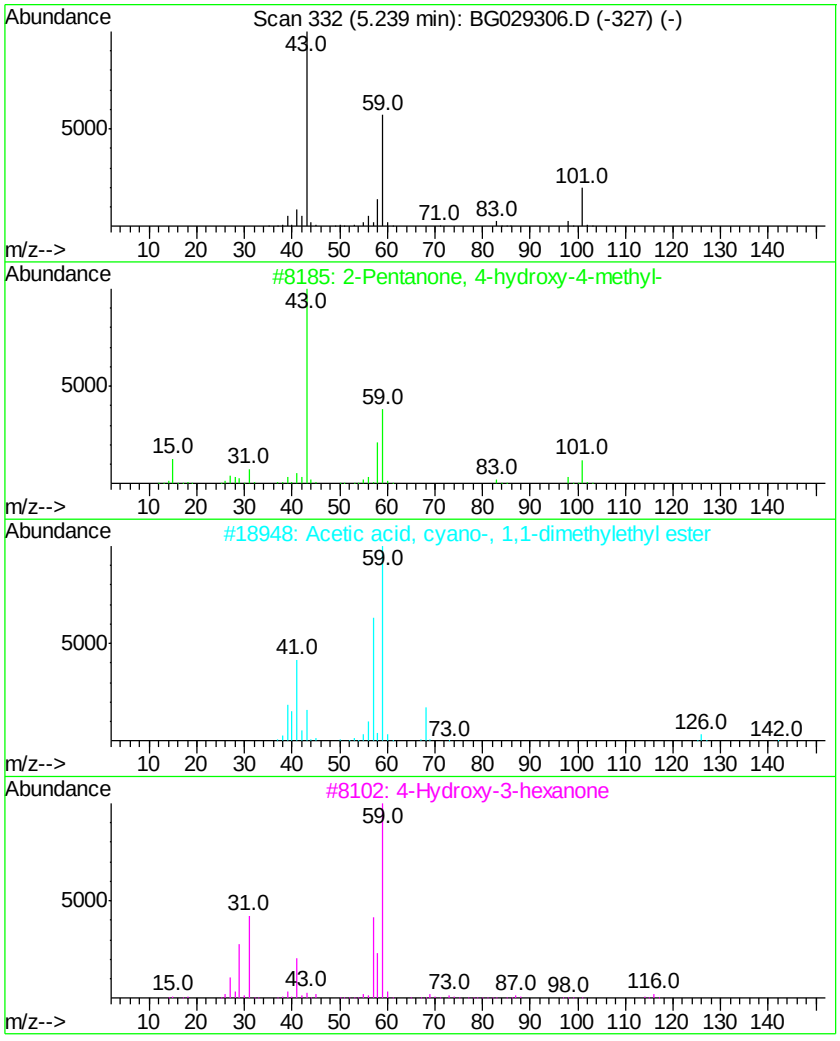
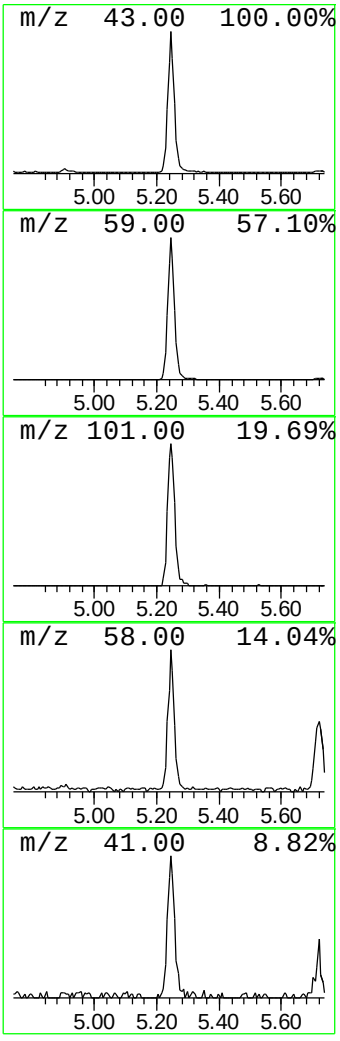
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	13.34 ng	261746	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	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





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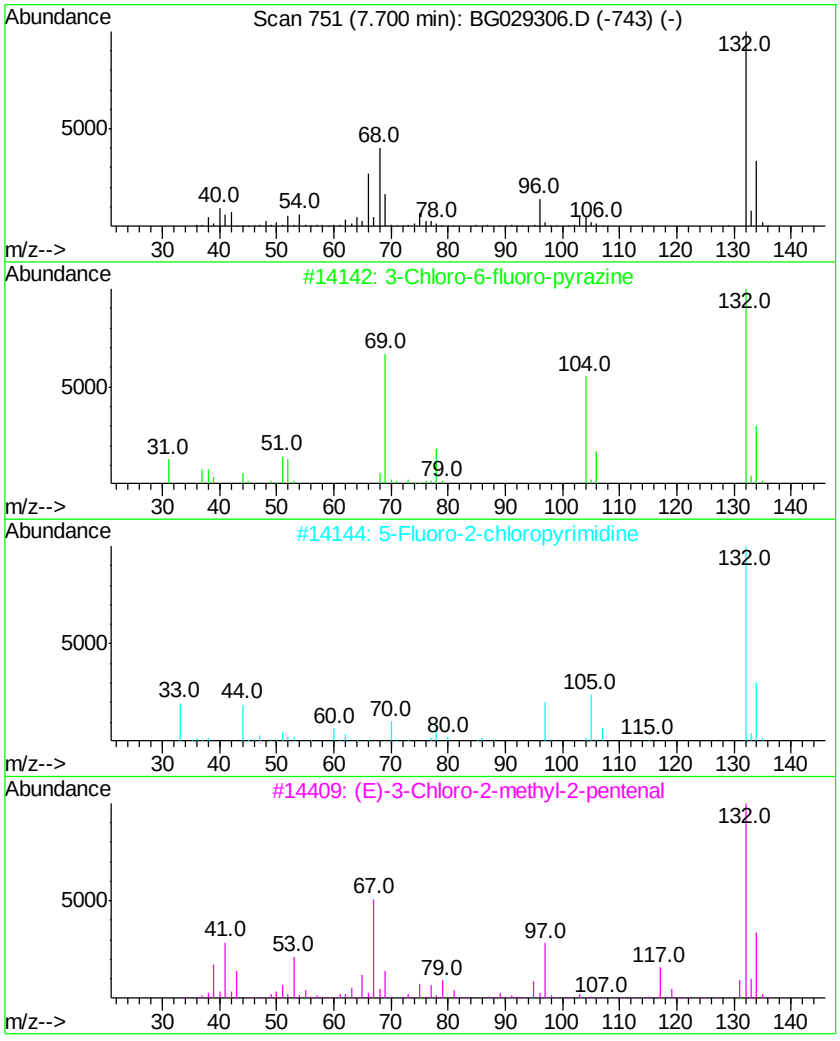
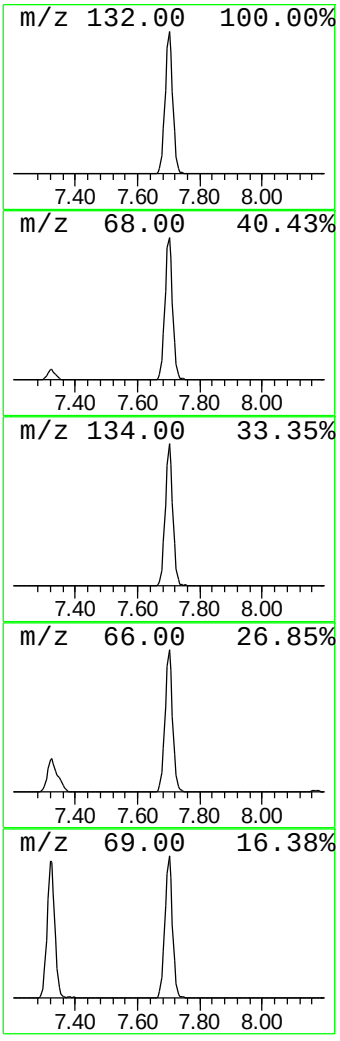
Peak Number 2 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	85.56 ng	1678880	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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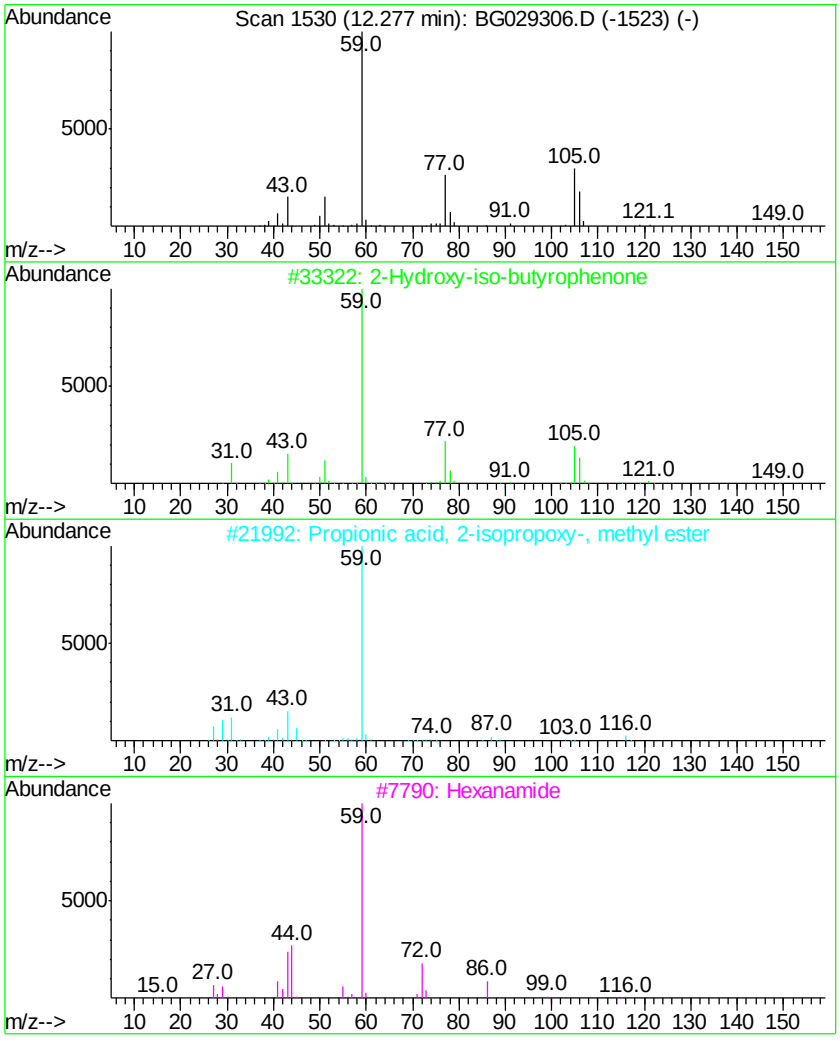
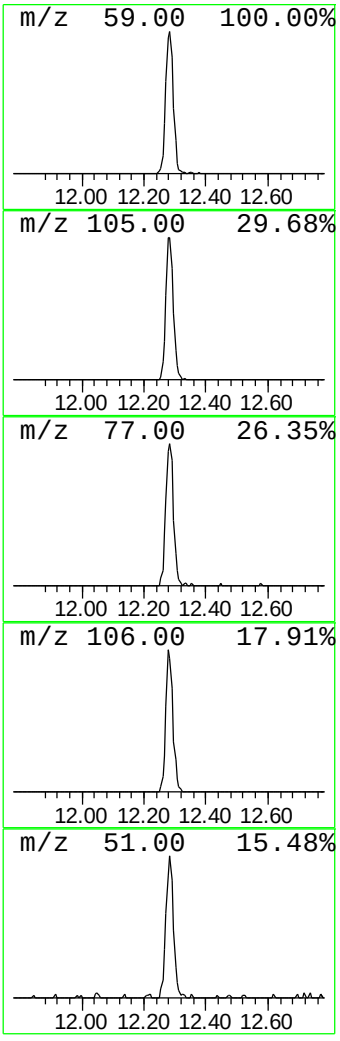
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	5.50 ng	179975	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	23
3	Hexanamide	115	C6H13NO	000628-02-4	9
4	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	9
5	Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	9





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Instrument : BNA_G
ClientSampleId : ENV-105-4(10-15)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M
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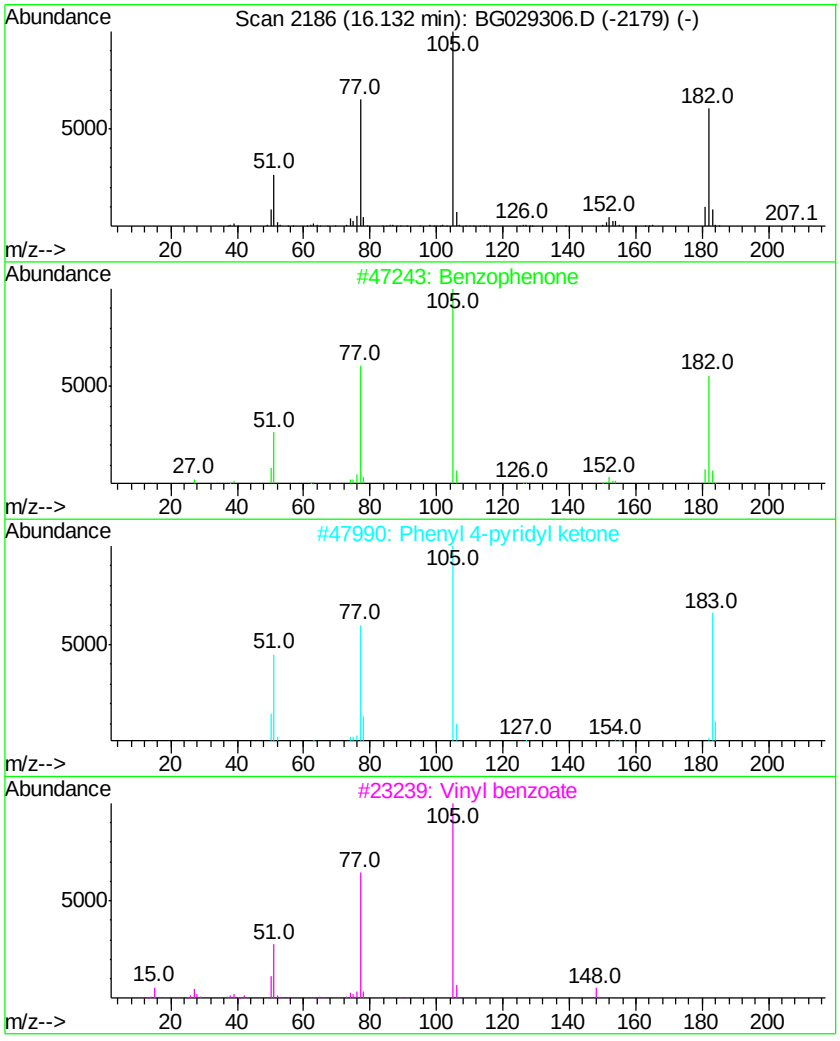
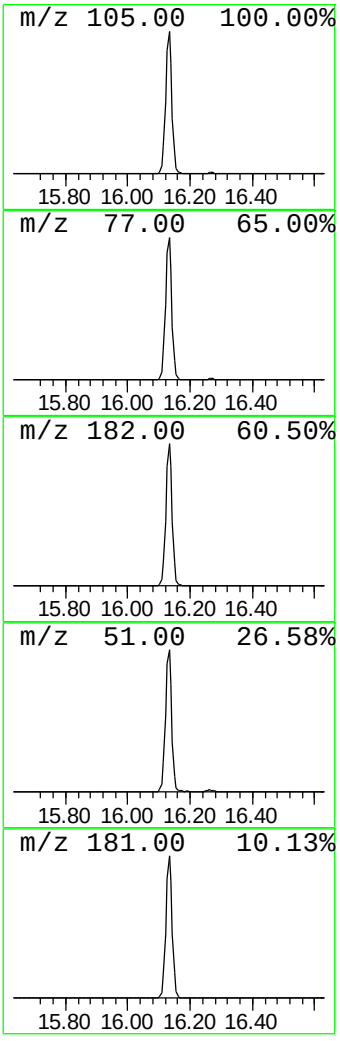
Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	17.98 ng	890201	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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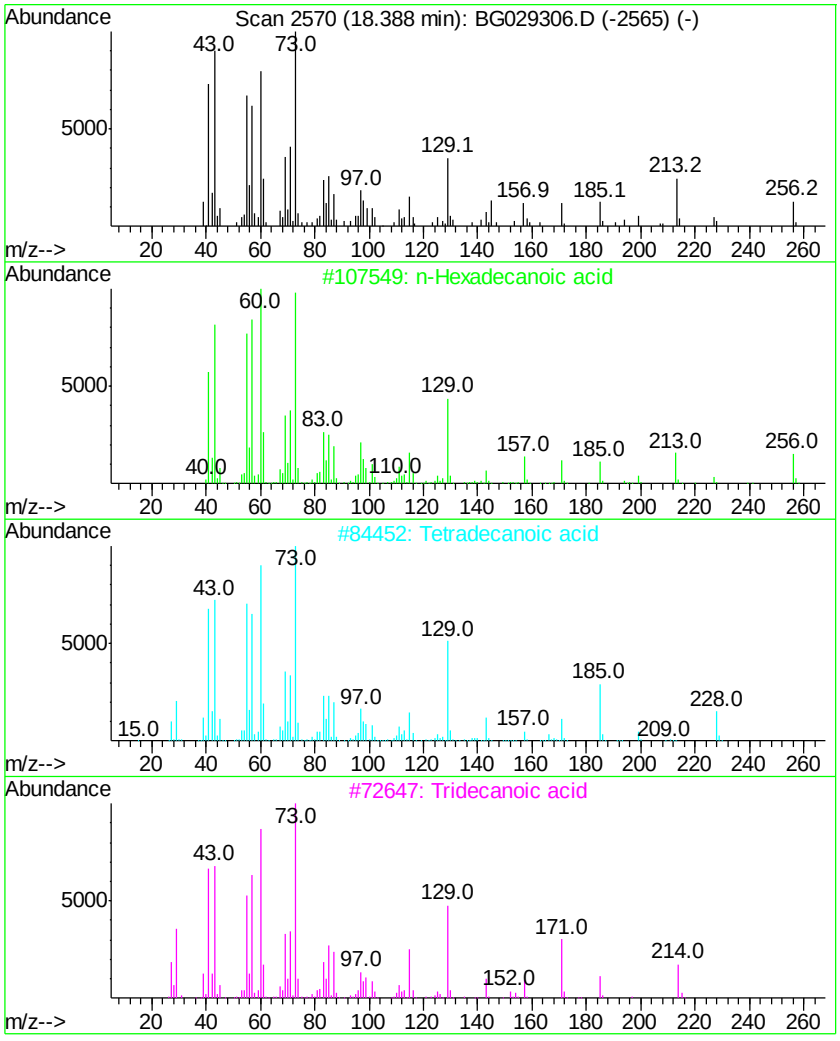
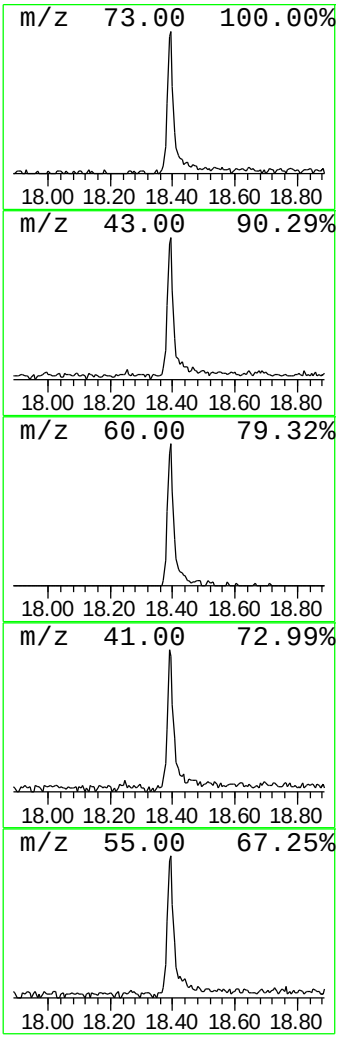
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.68 ng	164411	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.24	13.3	ng	261746	1	8.17	392444	20.0
unknown7.70	7.70	85.6	ng	1678880	1	8.17	392444	20.0
2-Hydroxy-iso-but...	12.28	5.5	ng	179975	2	10.99	654313	20.0
Benzophenone	16.13	18.0	ng	890201	3	14.79	990486	20.0
n-Hexadecanoic acid	18.39	2.7	ng	164411	4	17.52	1227110	20.0