LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031923.D
Acq On : 4 Jan 2018 19:59
Operator : SJ/JU
Sample : J1025-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(80-82)

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-BG122117.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	3.423	16	23	33	rBV	44345	90692	2.17%	0.461%
2	3.511	33	38	49	rVB	31181	49944	1.19%	0.254%
3	5.702	404	411	419	rBV2	63395	106451	2.54%	0.541%
4	6.208	489	497	510	rBV	704721	1206974	28.83%	6.137%
5	7.888	775	783	798	rBV	708218	1358284	32.44%	6.907%
6	8.299	844	853	869	rBB	736820	1356629	32.40%	6.898%
7	8.787	929	936	944	rBV	127044	236581	5.65%	1.203%
8	9.122	984	993	1003	rBV	512425	954304	22.79%	4.852%
9	9.980	1130	1139	1151	rBV	399850	757092	18.08%	3.850%
10	11.666	1419	1426	1435	rBV	180537	345565	8.25%	1.757%
11	14.045	1823	1831	1842	rBV	1358434	2149918	51.35%	10.932%
12	14.839	1960	1966	1973	rBV	190865	286737	6.85%	1.458%
13	15.414	2057	2064	2072	rBV2	353962	586213	14.00%	2.981%
14	16.889	2308	2315	2327	rBV	1507564	2426927	57.96%	12.340%
15	18.152	2523	2530	2540	rBV2	529624	871355	20.81%	4.431%
16	18.969	2662	2669	2678	rBV	118475	194032	4.63%	0.987%
17	20.203	2873	2879	2889	rBV4	48632	80922	1.93%	0.411%
18	20.685	2955	2961	2974	rVB	3034117	4186997	100.00%	21.290%
19	22.036	3185	3191	3202	rBV2	145290	240881	5.75%	1.225%
20	22.494	3262	3269	3278	rBV2	588770	1110929	26.53%	5.649%
21	26.237	3893	3906	3921	rBV2	311883	1069273	25.54%	5.437%

Sum of corrected areas: 19666700

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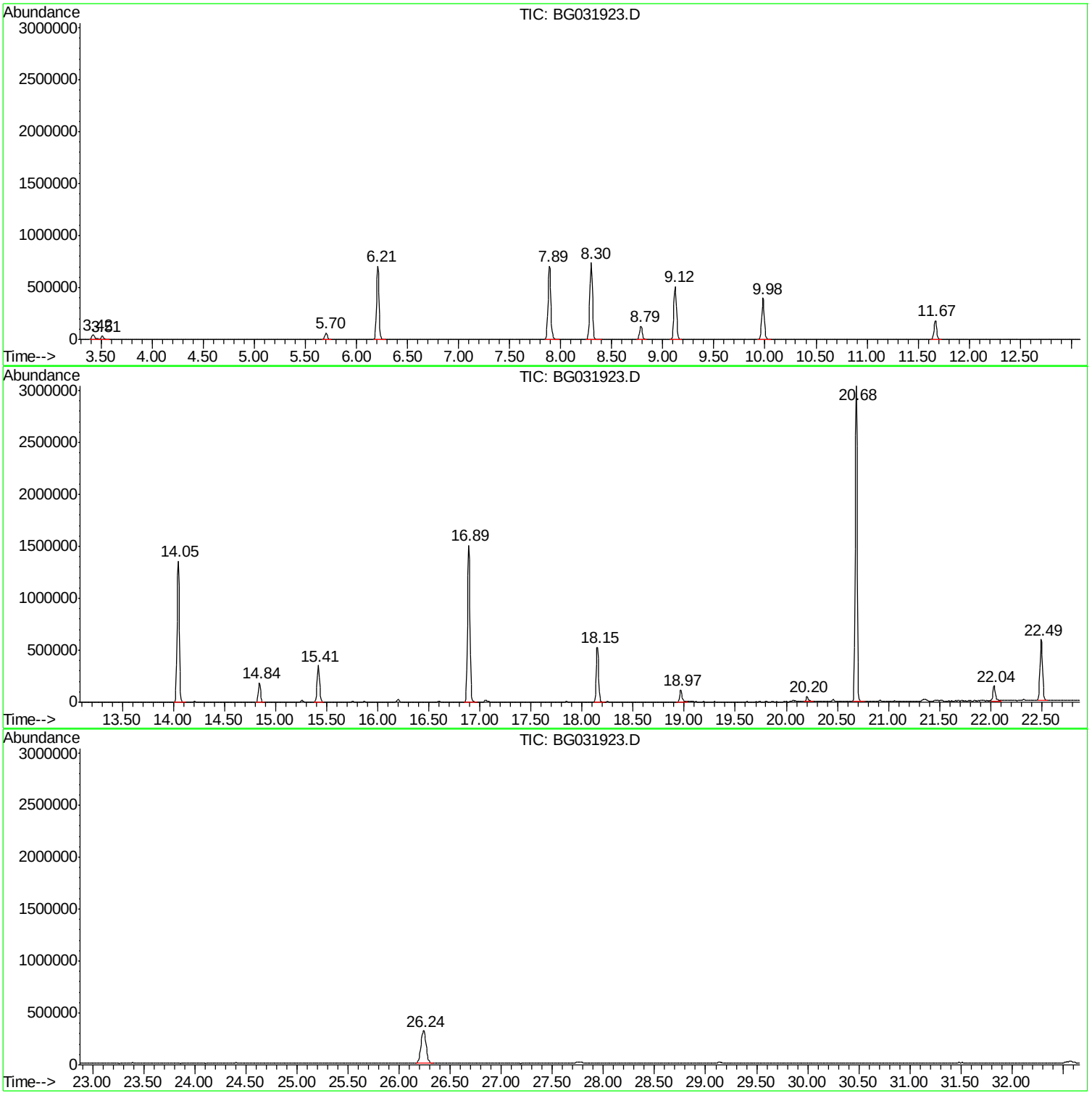
Instrument :
BNA_G
ClientSampleId :
EPE-105-1(80-82)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.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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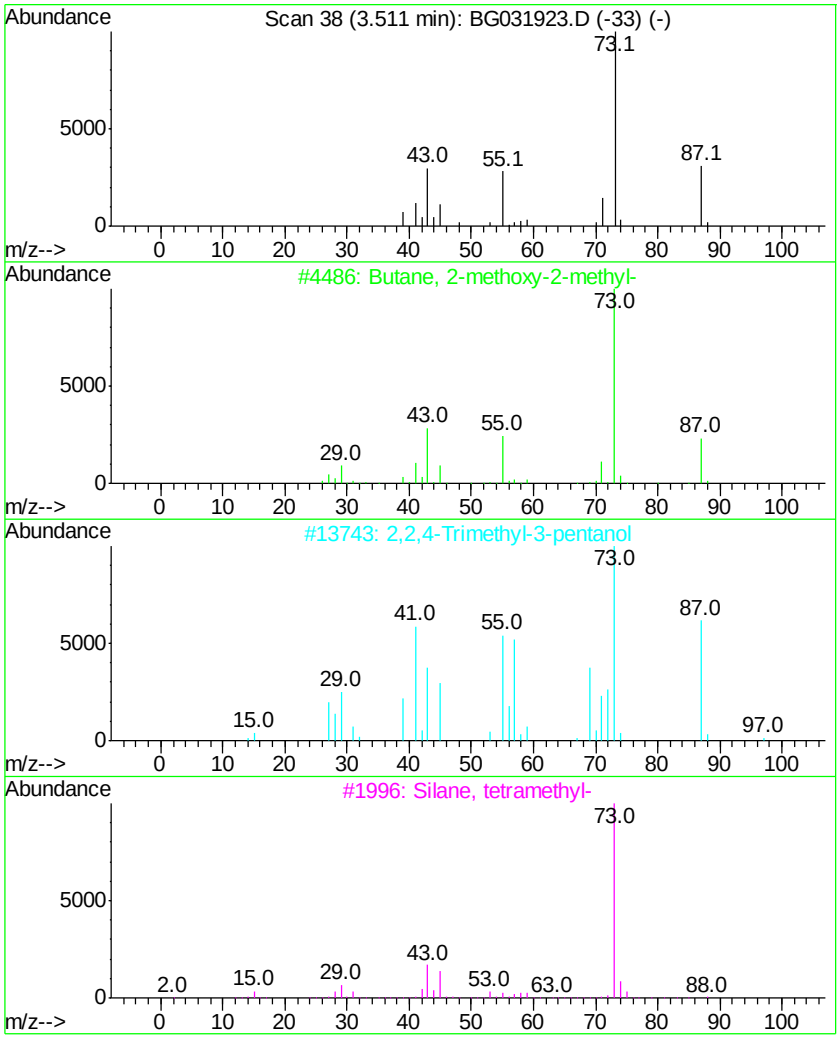
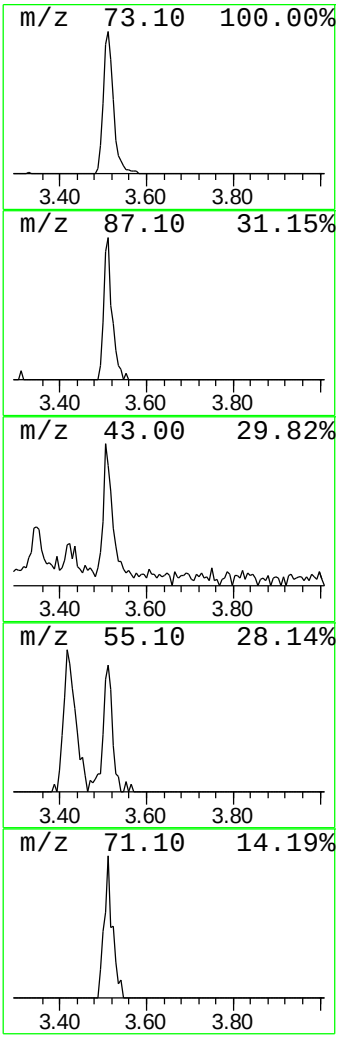
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	4.22 ng	49944	1,4-Dichlorobenzene-d4	8.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





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Instrument : BNA_G
ClientSampleId : EPE-105-1(80-82)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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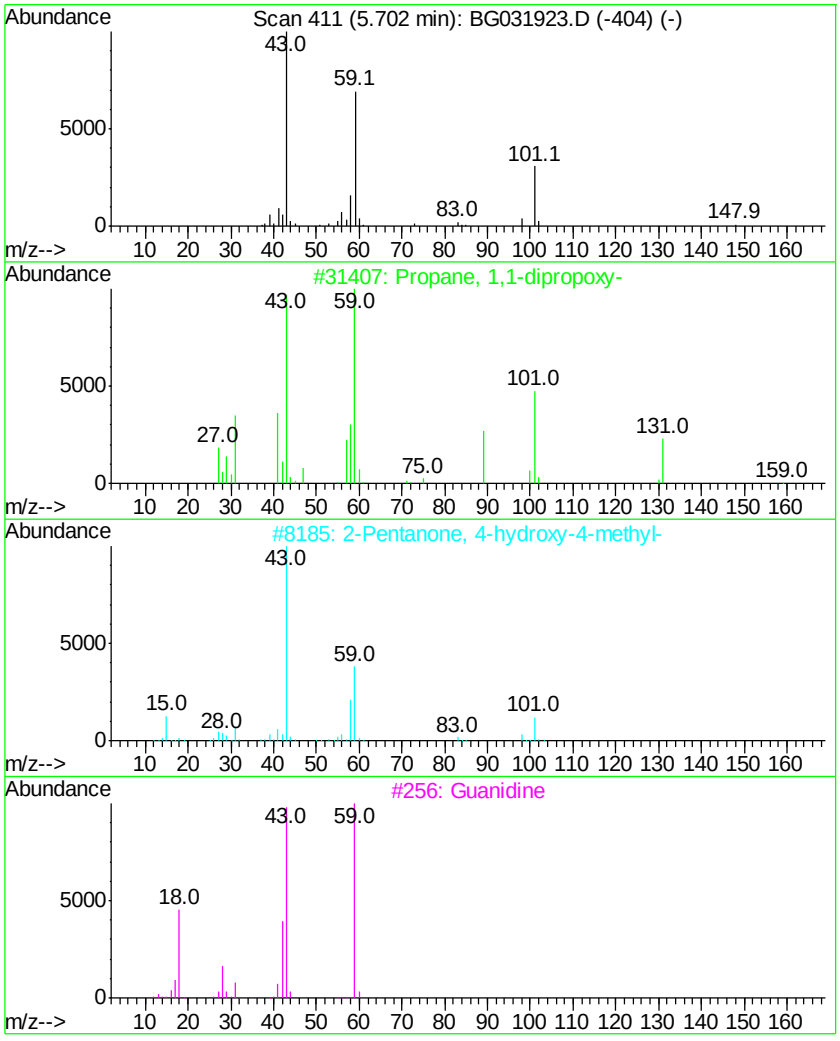
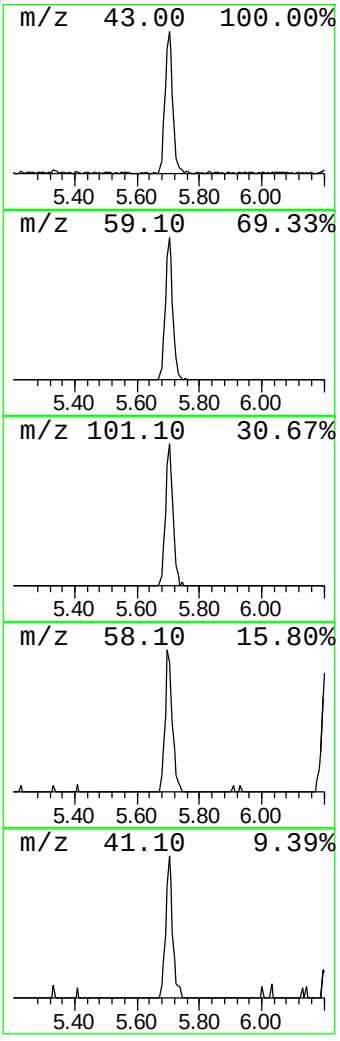
Peak Number 3 Propane, 1,1-dipropoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	9.00 ng	106451	1,4-Dichlorobenzene-d4	8.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Guanidine	59	CH5N3	000113-00-8	37
4	1,2-Butanediol	90	C4H10O2	000584-03-2	37
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32





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Instrument : BNA_G
ClientSampleId : EPE-105-1(80-82)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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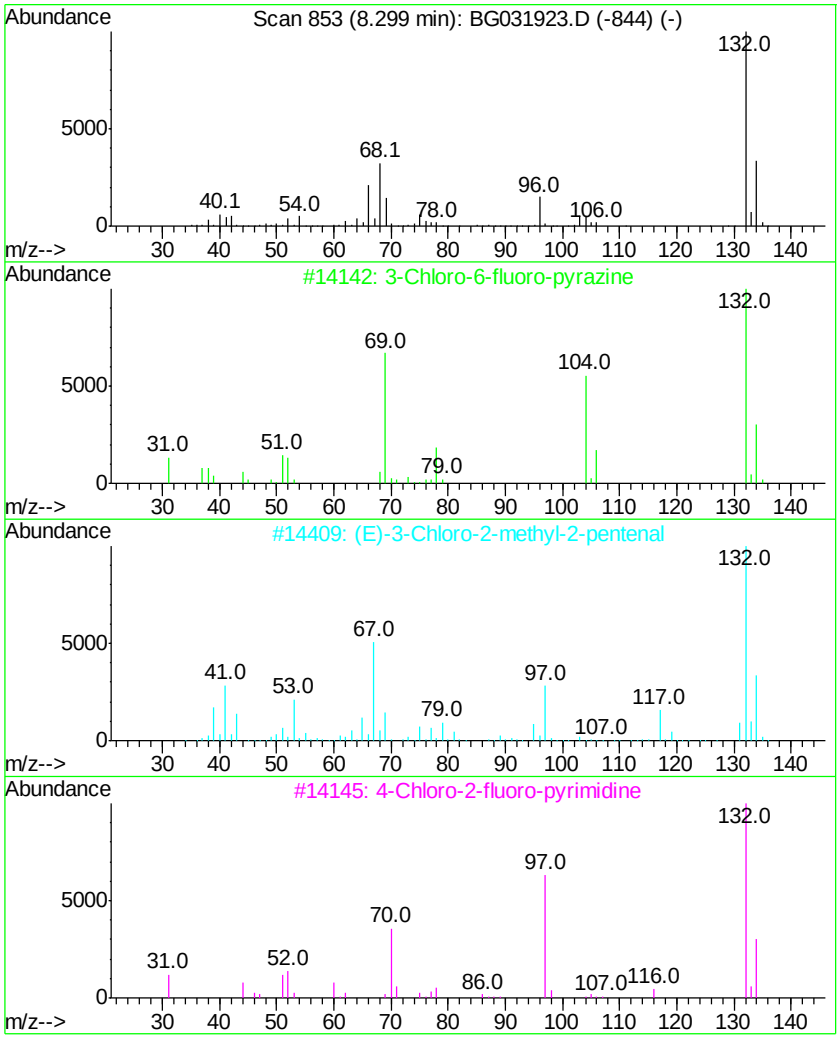
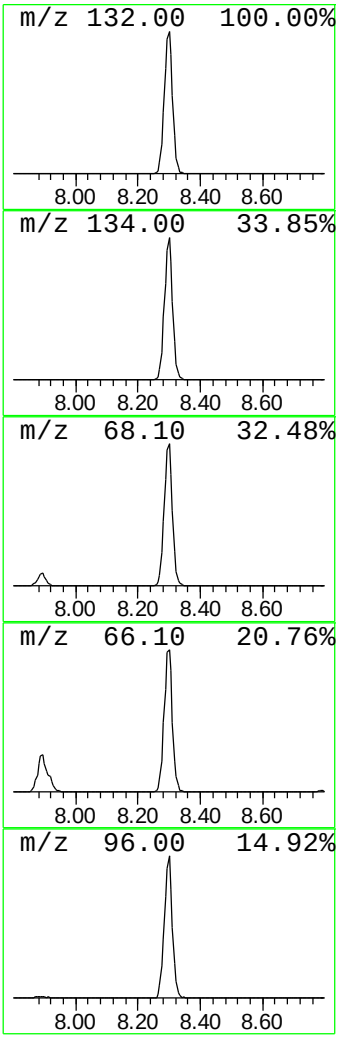
Peak Number 4 unknown8.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	114.69 ng	1356630	1,4-Dichlorobenzene-d4	8.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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ClientSampleId : EPE-105-1(80-82)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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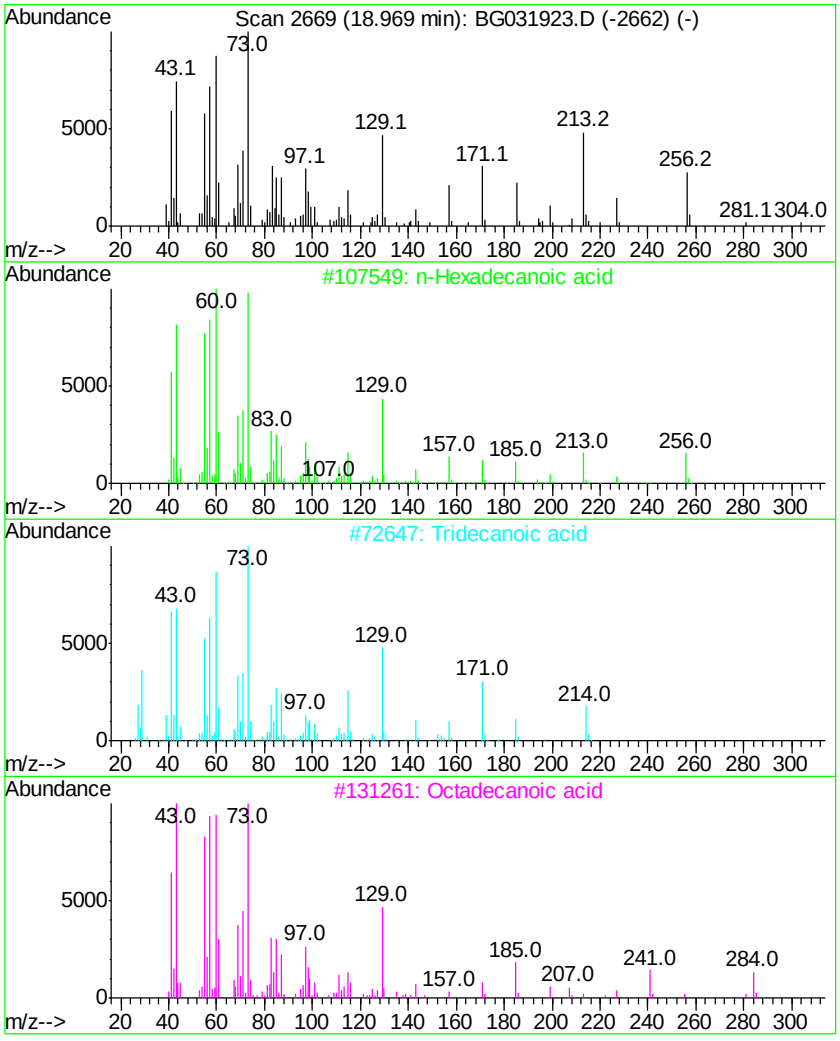
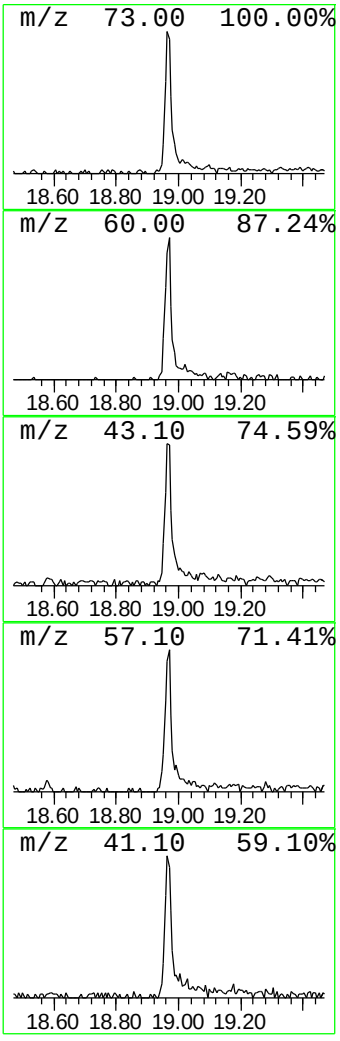
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	4.45 ng	194032	Phenanthrene-d10	18.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	58
3	Octadecanoic acid	284	C18H36O2	000057-11-4	55
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	46





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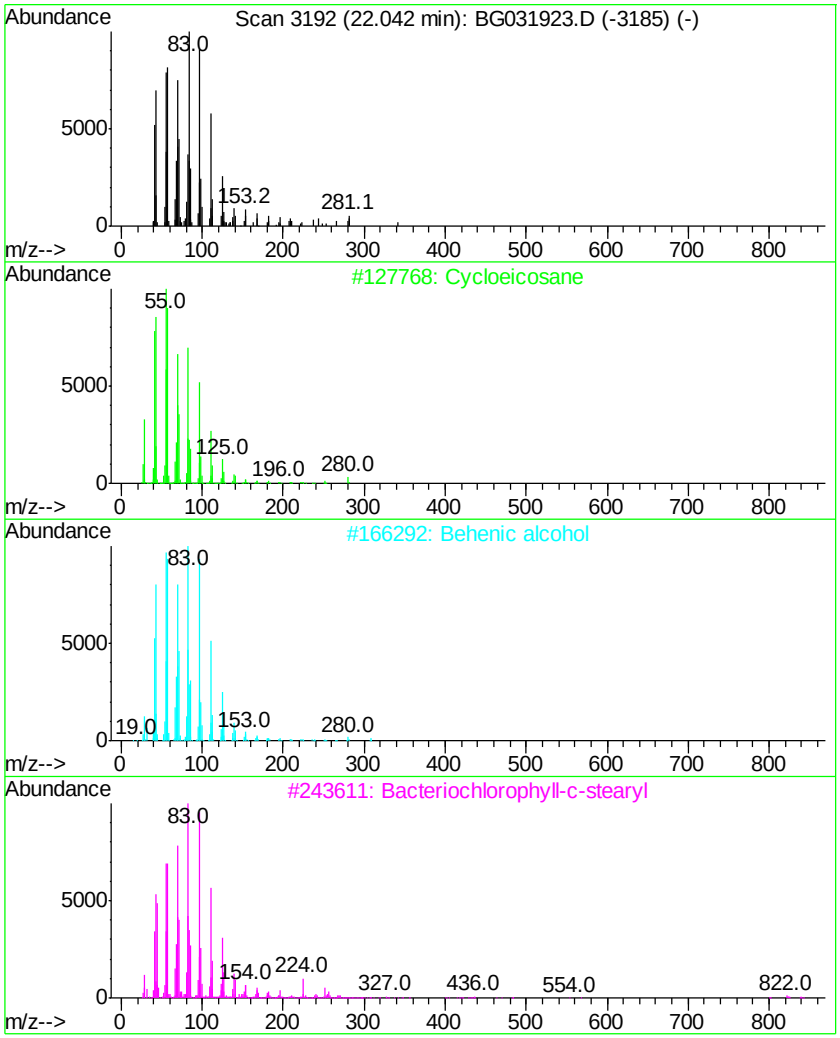
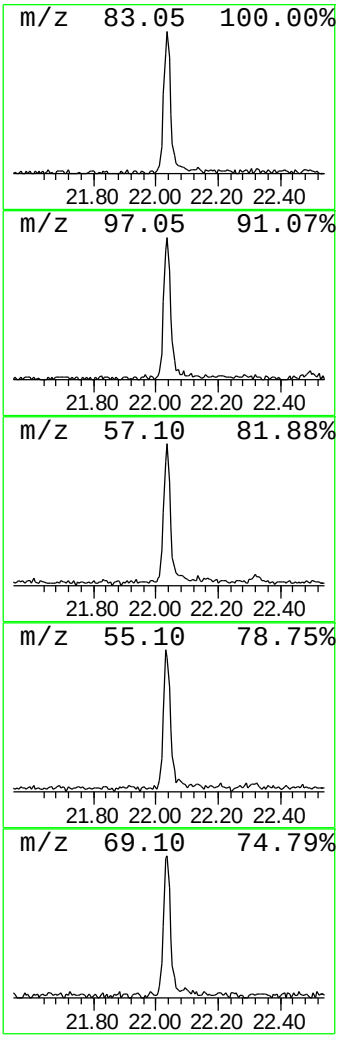
****

Peak Number 7 Cycloeicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	4.34 ng	240881	Chrysene-d12	22.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	99
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	Bacteriochlorophyll-c-stearyl	841	C52H72MgN4O4	1000164-49-7	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.51	4.2	ng	49944	1	8.79	236581	20.0
Propane, 1,1-dipr...	5.70	9.0	ng	106451	1	8.79	236581	20.0
unknown8.30	8.30	114.7	ng	1356630	1	8.79	236581	20.0
n-Hexadecanoic acid	18.97	4.5	ng	194032	4	18.15	871355	20.0
Cycloeicosane	22.04	4.3	ng	240881	5	22.49	1110930	20.0