LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031921.D
Acq On : 4 Jan 2018 18:44
Operator : SJ/JU
Sample : J1025-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(60-62)

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	15	23	31	rBV3	40361	83474	2.04%	0.416%
2	3.511	33	38	47	rVB	26564	42525	1.04%	0.212%
3	5.703	404	411	419	rBV	60315	107592	2.63%	0.537%
4	6.208	489	497	509	rBV	712024	1232229	30.10%	6.146%
5	7.889	773	783	798	rBV	720269	1368619	33.43%	6.827%
6	8.300	845	853	864	rBV	740923	1385392	33.84%	6.910%
7	8.788	928	936	944	rBV	140111	259697	6.34%	1.295%
8	9.123	981	993	1005	rBV	527690	973460	23.78%	4.856%
9	9.980	1129	1139	1149	rBV	391840	771872	18.86%	3.850%
10	11.667	1418	1426	1436	rBV	195472	374783	9.16%	1.869%
11	14.046	1823	1831	1839	rBV	1385069	2216012	54.13%	11.054%
12	14.839	1957	1966	1973	rBV	187909	280015	6.84%	1.397%
13	15.415	2056	2064	2073	rBV2	368248	637966	15.58%	3.182%
14	16.202	2184	2198	2202	rBV2	27041	46847	1.14%	0.234%
15	16.890	2308	2315	2330	rVB	1547197	2451935	59.90%	12.230%
16	18.147	2522	2529	2538	rBV2	590319	936194	22.87%	4.670%
17	18.964	2663	2668	2678	rBV2	108723	168505	4.12%	0.841%
18	20.198	2873	2878	2887	rBV3	33935	57656	1.41%	0.288%
19	20.685	2954	2961	2970	rBV	2923885	4093636	100.00%	20.419%
20	22.031	3184	3190	3202	rBV3	152758	246044	6.01%	1.227%
21	22.495	3261	3269	3278	rVB	638097	1179958	28.82%	5.886%
22	26.232	3892	3905	3922	rVB2	341343	1133317	27.68%	5.653%

Sum of corrected areas: 20047728

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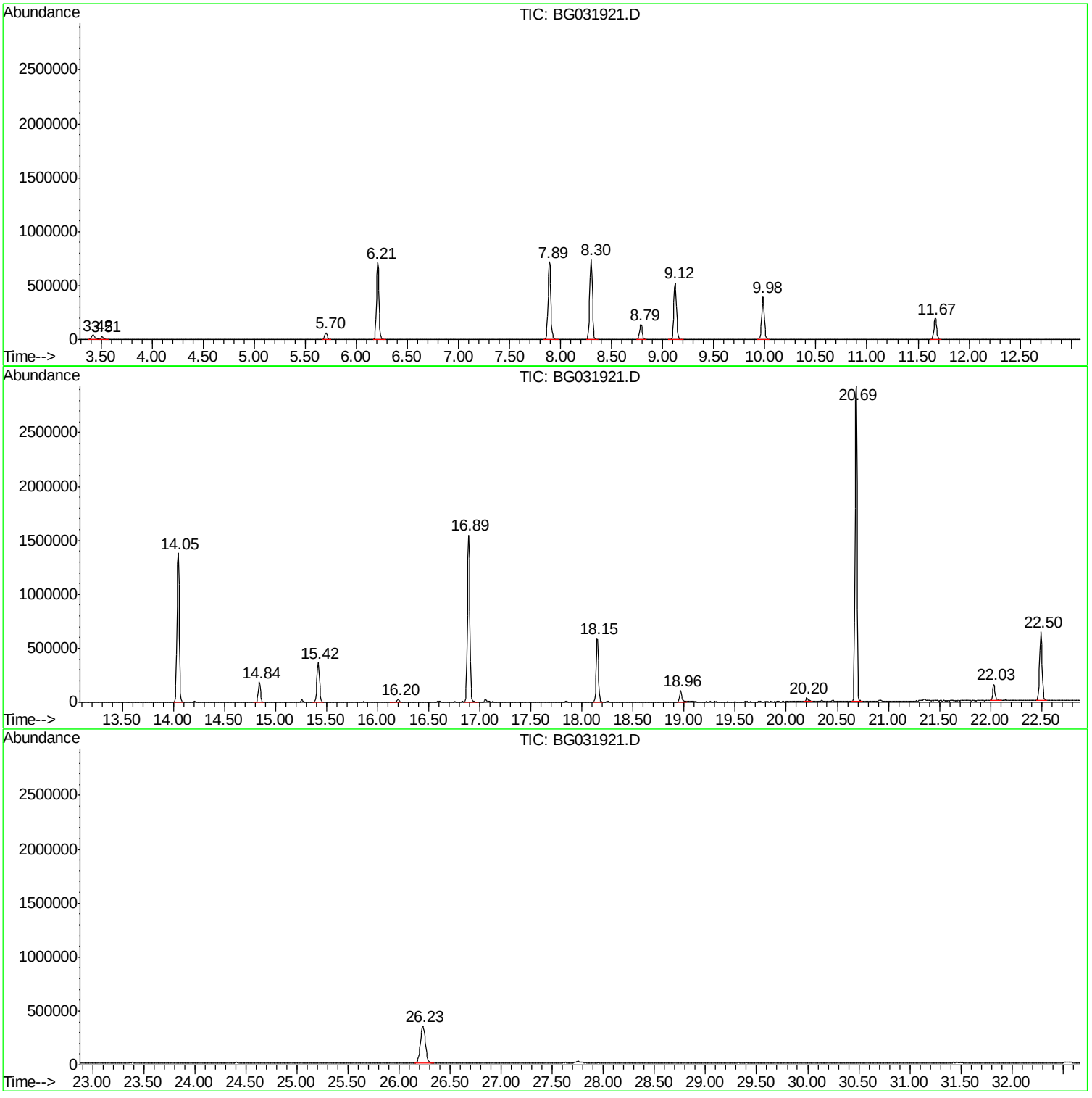
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-105-1(60-62)

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

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
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Operator : SJ/JU
Sample : J1025-03
Misc :
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Instrument : BNA_G
ClientSampleId : EPE-105-1(60-62)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

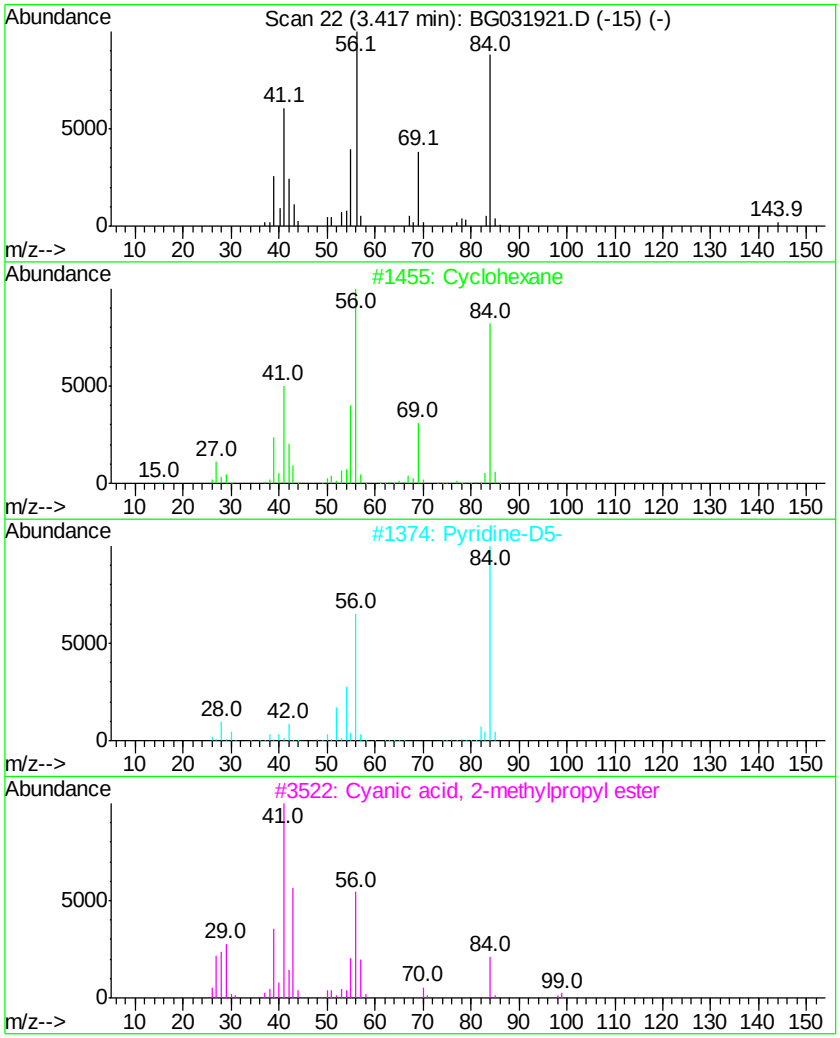
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

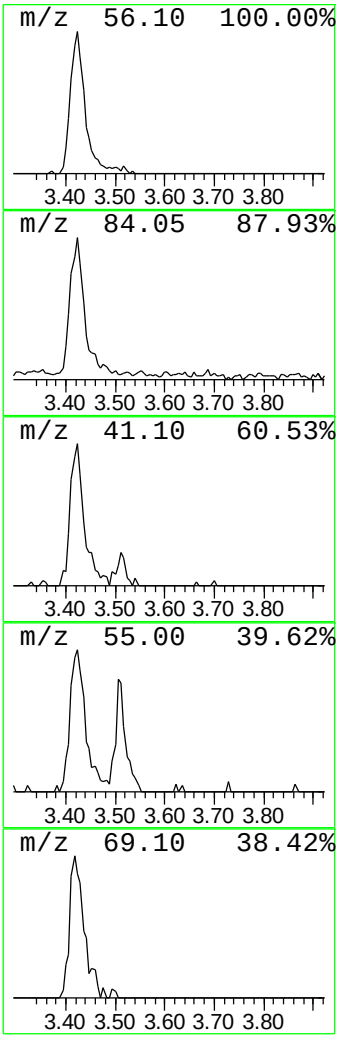
****

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	6.43 ng	83474	1,4-Dichlorobenzene-d4	8.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Pyridine-D5-	84	C5D5N	007291-22-7	64
3	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	43





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031921.D
Acq On : 4 Jan 2018 18:44
Operator : SJ/JU
Sample : J1025-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(60-62)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

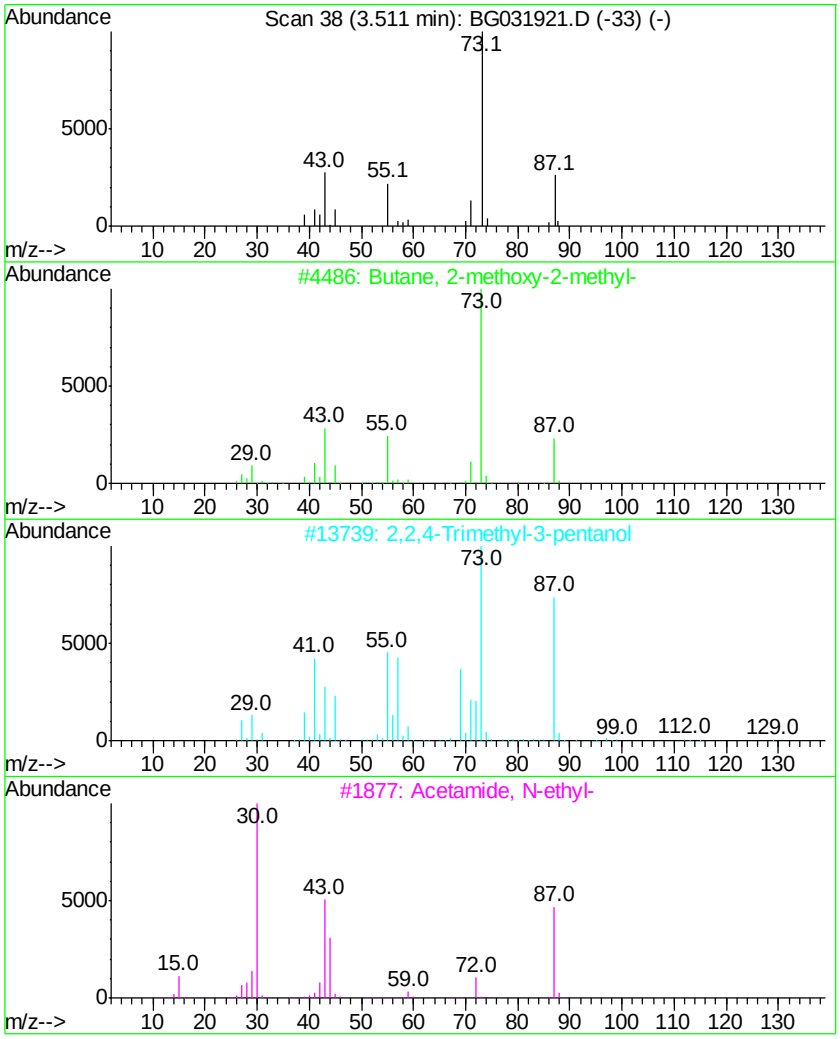
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

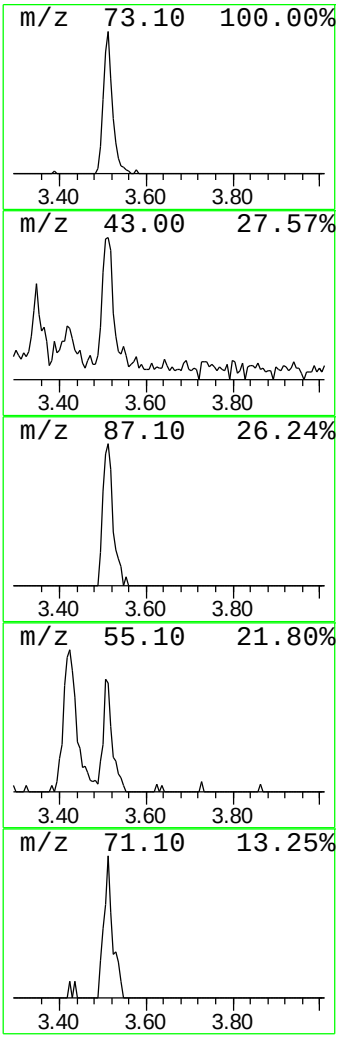
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	3.27 ng	42525	1,4-Dichlorobenzene-d4	8.78

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	45
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG031921.D
Acq On : 4 Jan 2018 18:44
Operator : SJ/JU
Sample : J1025-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(60-62)

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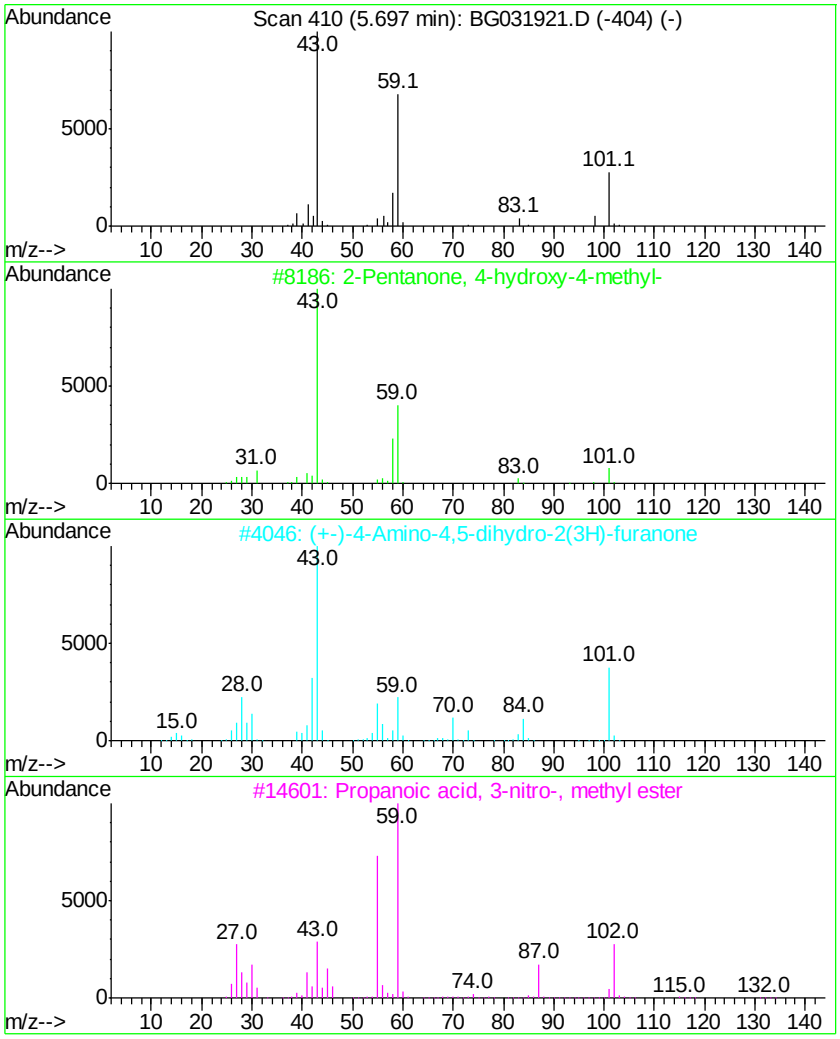
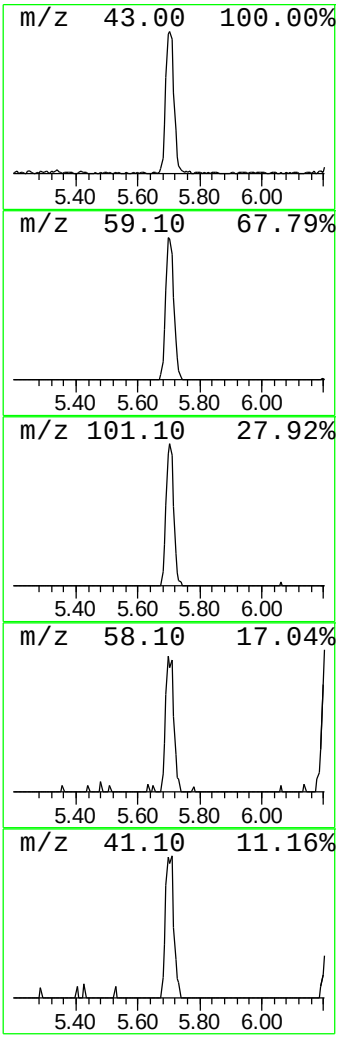
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	8.29 ng	107592	1,4-Dichlorobenzene-d4	8.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	40
3	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	17
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	3-Hexanol	102	C6H14O	000623-37-0	17





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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-105-1(60-62)

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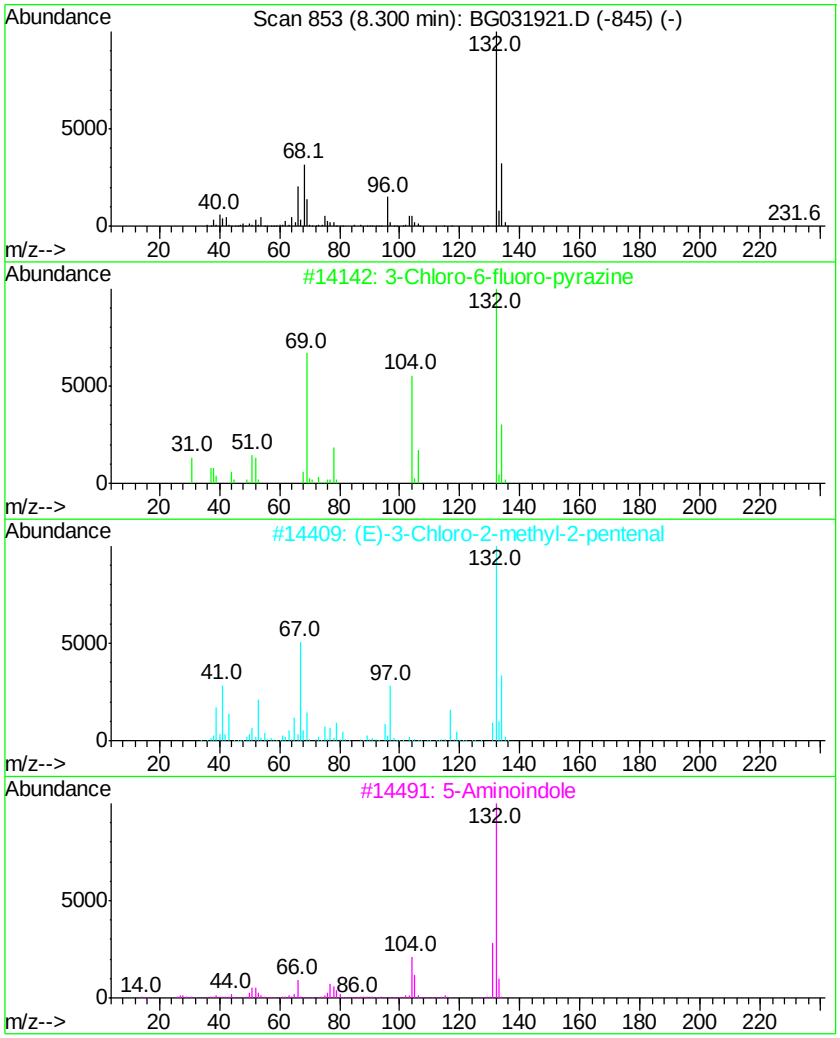
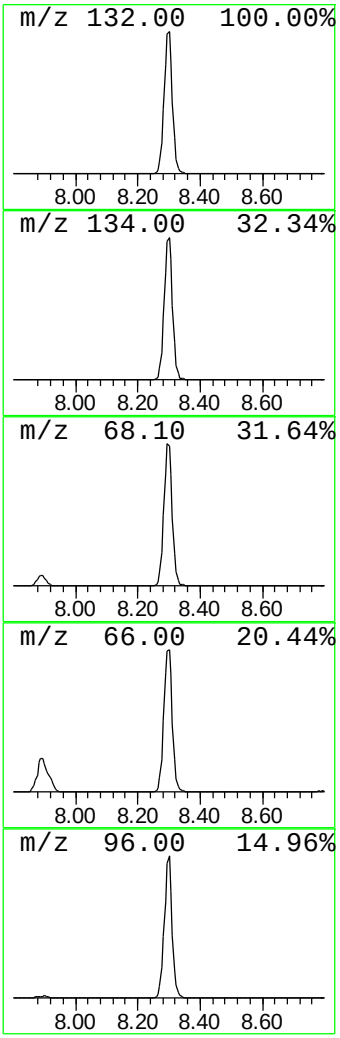
Peak Number 4 unknown8.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	106.69 ng	1385390	1,4-Dichlorobenzene-d4	8.78

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(60-62)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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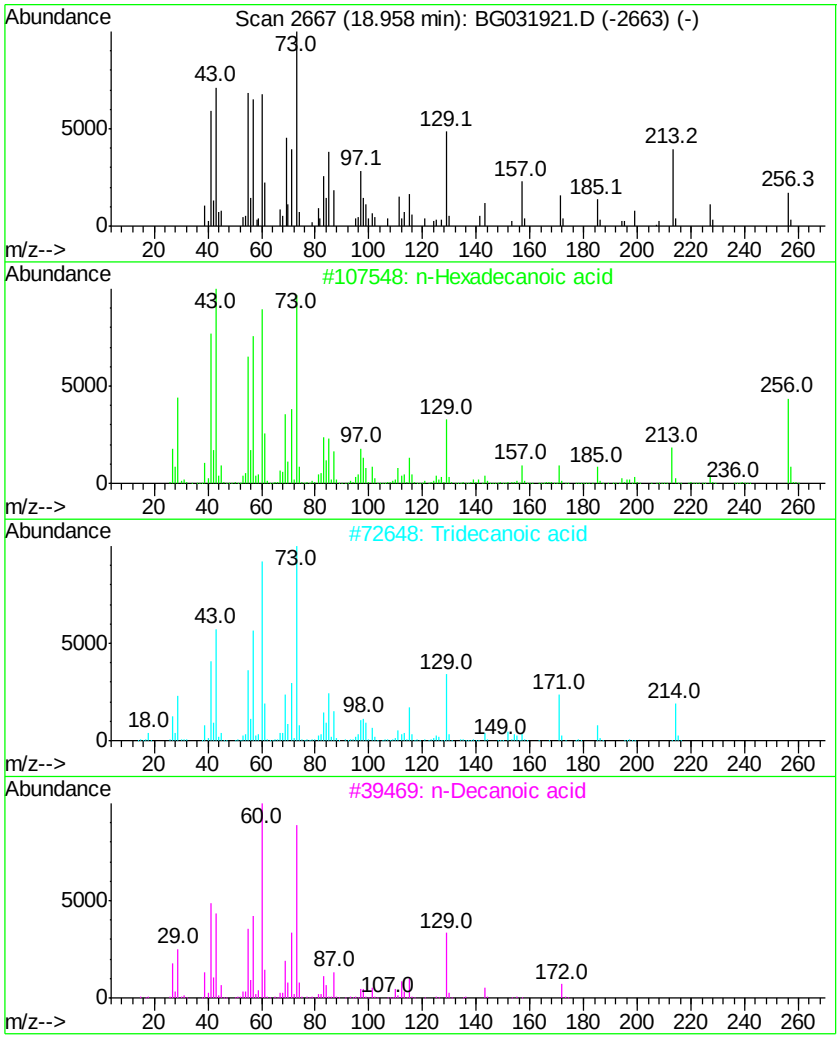
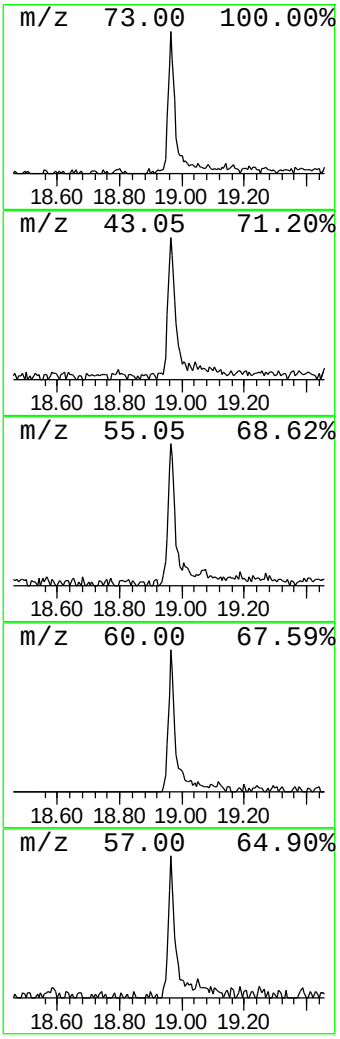
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	3.60 ng	168505	Phenanthrene-d10	18.15

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	78
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(60-62)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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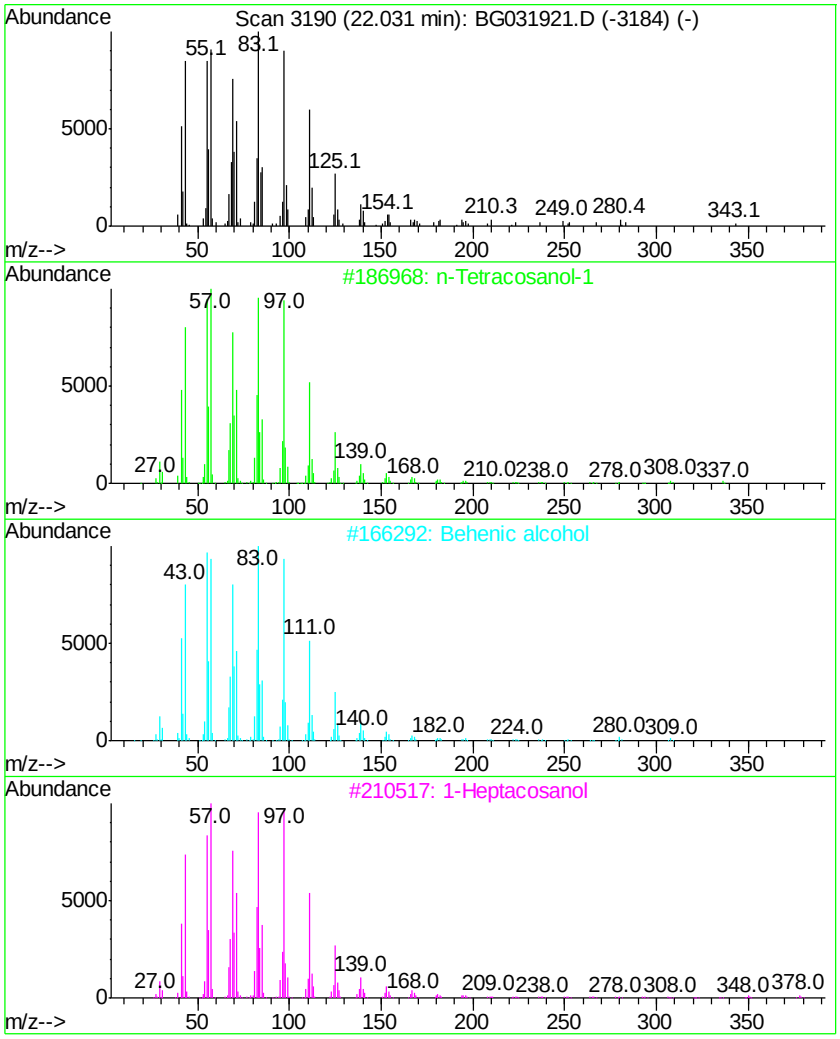
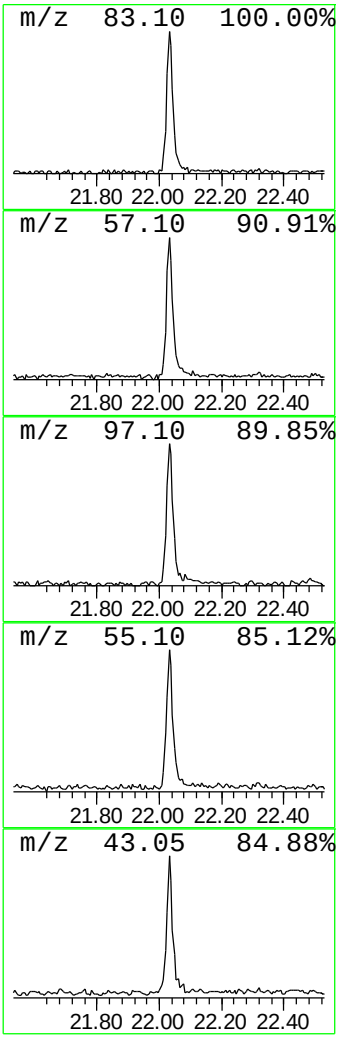
****

Peak Number 7 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	4.17 ng	246044	Chrysene-d12	22.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	89
5	Cycloeicosane	280	C20H40	000296-56-0	89





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	3.42	6.4	ng	83474	1	8.78	259697	20.0
Butane, 2-methoxy...	3.51	3.3	ng	42525	1	8.78	259697	20.0
2-Pentanone, 4-hy...	5.70	8.3	ng	107592	1	8.78	259697	20.0
unknown8.30	8.30	106.7	ng	1385390	1	8.78	259697	20.0
n-Hexadecanoic acid	18.96	3.6	ng	168505	4	18.15	936194	20.0
n-Tetracosanol-1	22.03	4.2	ng	246044	5	22.50	1179960	20.0