LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031683.D
Acq On : 21 Dec 2017 21:14
Operator : SJ/JU
Sample : I6961-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(70-72)

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	3.447	22	27	38	rBV	46080	90294	2.56%	0.493%
2	5.738	412	417	428	rVB	35989	60097	1.71%	0.328%
3	6.244	496	503	514	rBV	672565	1177139	33.41%	6.431%
4	7.924	780	789	802	rBV	675017	1326225	37.64%	7.245%
5	8.341	851	860	872	rBV	737289	1347262	38.24%	7.360%
6	8.829	934	943	952	rBV	140356	250202	7.10%	1.367%
7	9.170	992	1001	1012	rVB	527397	999182	28.36%	5.458%
8	10.027	1138	1147	1158	rBV	385939	701716	19.92%	3.833%
9	11.720	1427	1435	1448	rBV	191757	371192	10.54%	2.028%
10	14.093	1829	1839	1848	rBV	1363160	2188238	62.11%	11.954%
11	14.886	1966	1974	1980	rBV	104372	152808	4.34%	0.835%
12	15.462	2065	2072	2082	rVB2	358097	607053	17.23%	3.316%
13	16.796	2292	2299	2304	rBV	66967	98045	2.78%	0.536%
14	16.937	2316	2323	2333	rBV	1282980	2052120	58.24%	11.210%
15	18.200	2530	2538	2548	rBV	540467	848662	24.09%	4.636%
16	19.023	2672	2678	2686	rBV2	89763	143849	4.08%	0.786%
17	20.263	2885	2889	2896	rBV2	70669	106678	3.03%	0.583%
18	20.733	2963	2969	2982	rVB	2624182	3523258	100.00%	19.247%
19	22.119	3199	3205	3210	rBV3	88788	148683	4.22%	0.812%
20	22.560	3272	3280	3287	rVB	560635	1050853	29.83%	5.741%
21	26.349	3913	3925	3937	rVB2	327358	1061927	30.14%	5.801%

Sum of corrected areas: 18305483

LSC Report - Integrated Chromatogram

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Data File : BG031683.D
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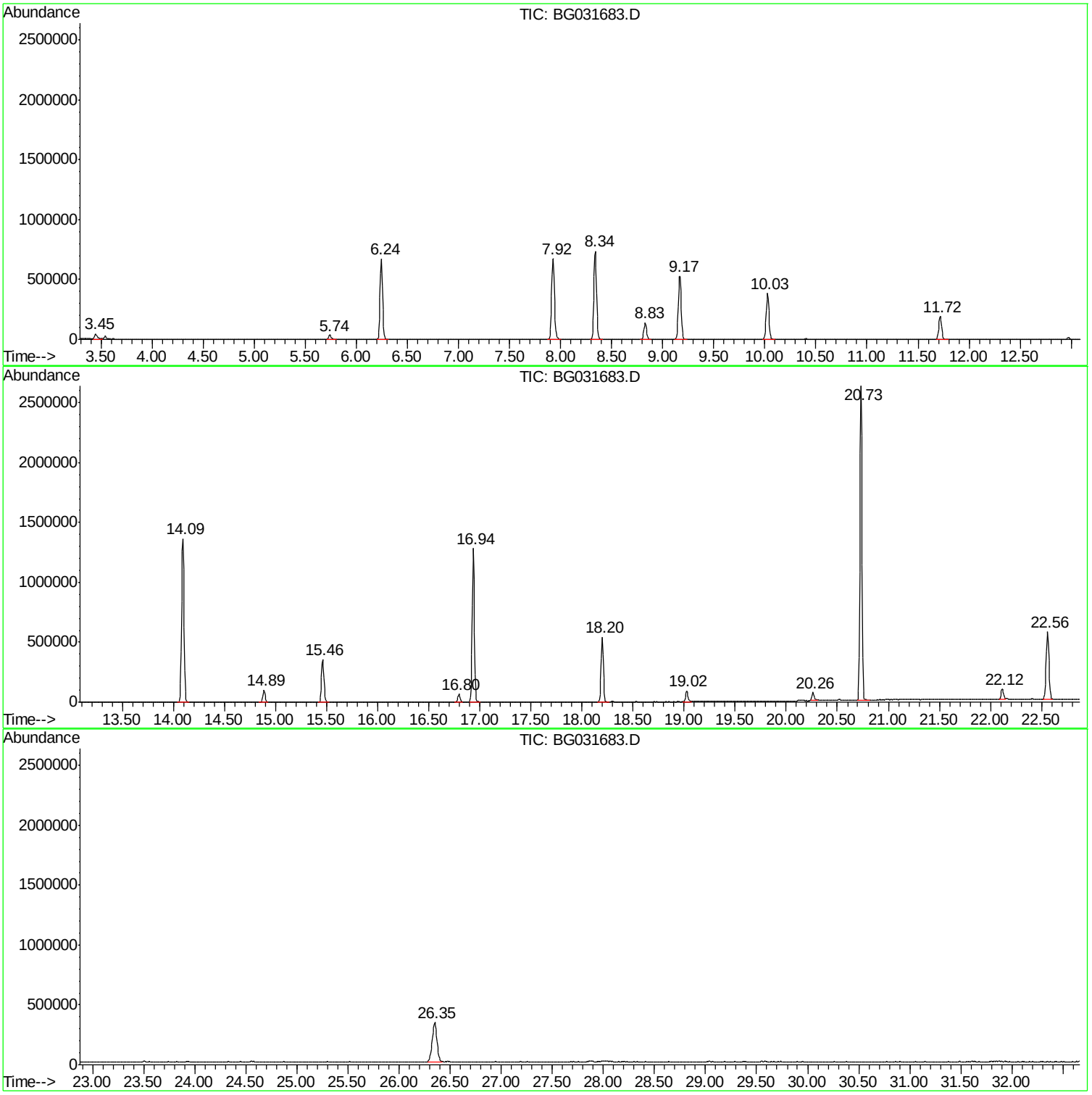
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-108-1(70-72)

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031683.D
Acq On : 21 Dec 2017 21:14
Operator : SJ/JU
Sample : I6961-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(70-72)

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

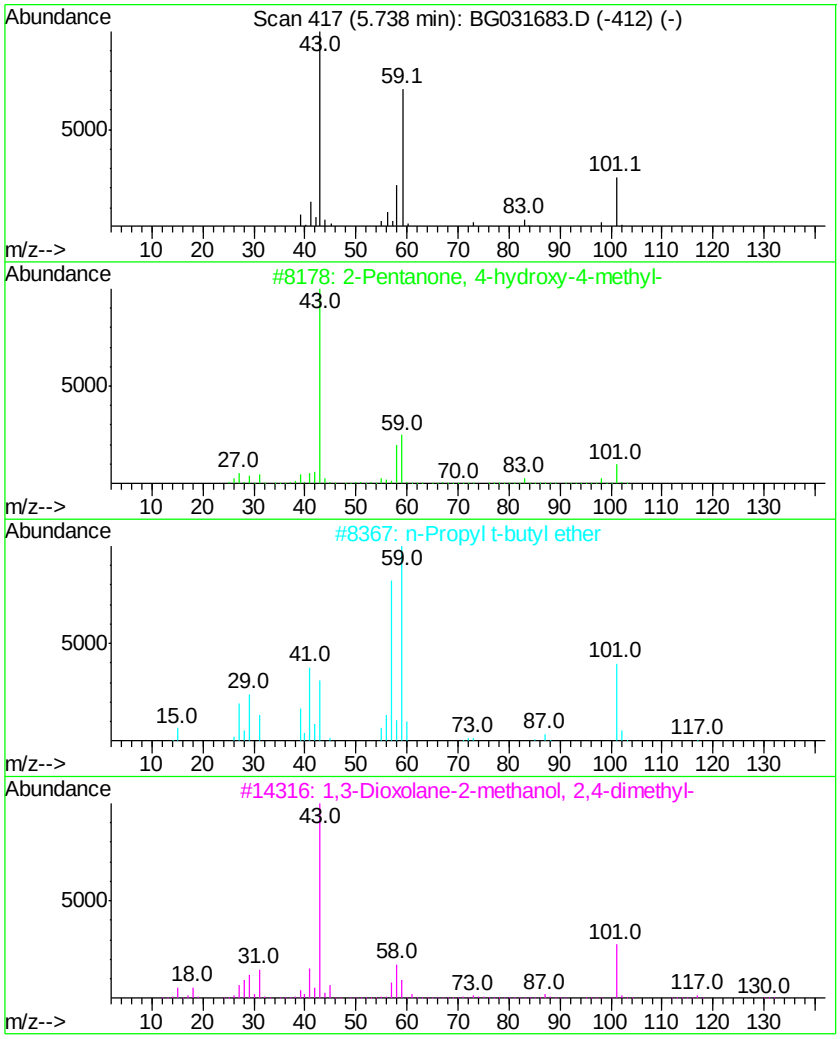
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

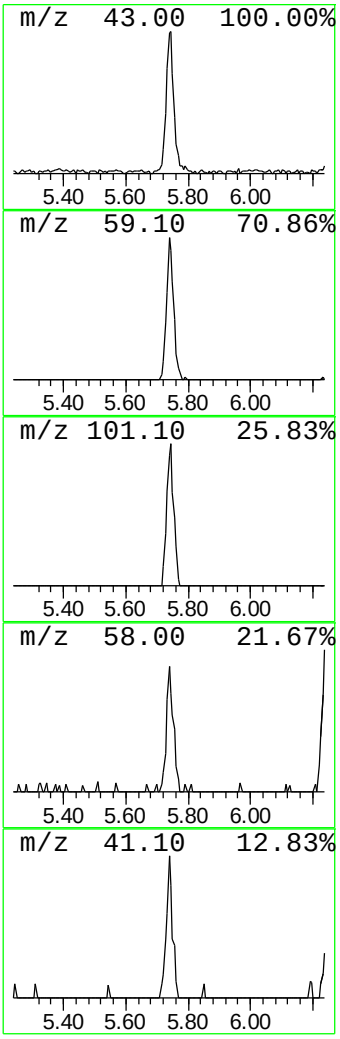
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	4.80 ng	60097	1,4-Dichlorobenzene-d4	8.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	25
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	3-Pentanol	88	C5H12O	000584-02-1	17
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
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Acq On : 21 Dec 2017 21:14
Operator : SJ/JU
Sample : I6961-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(70-72)

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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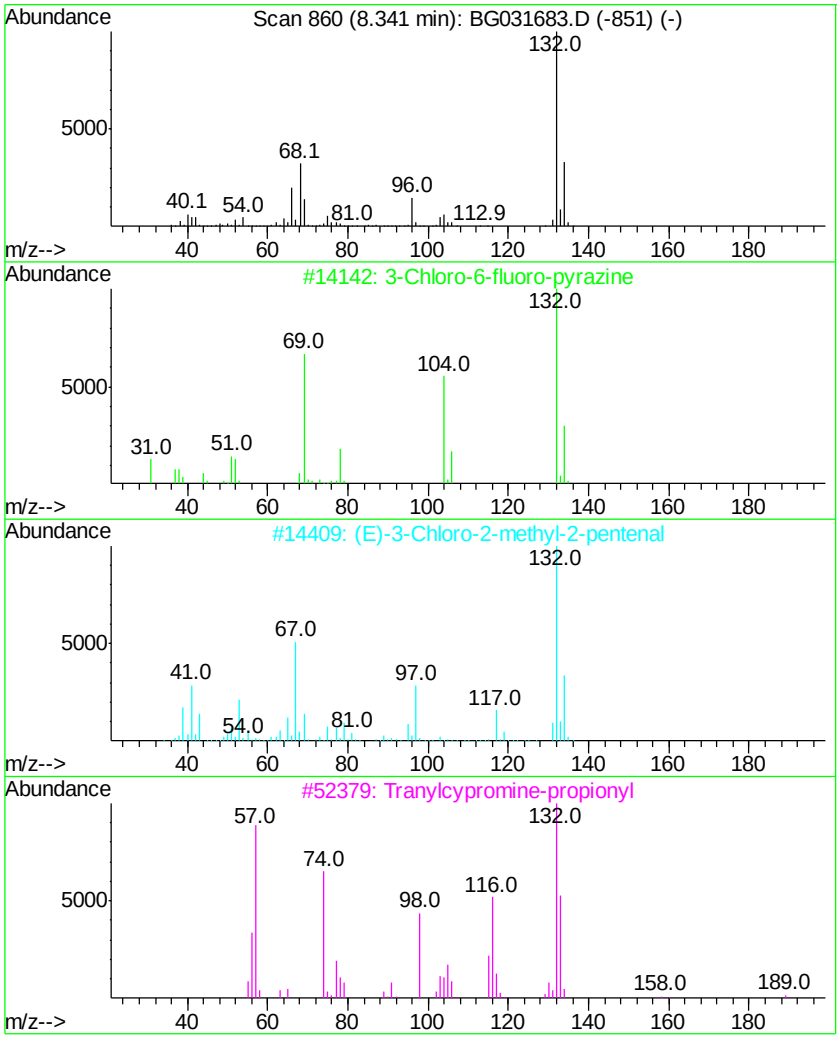
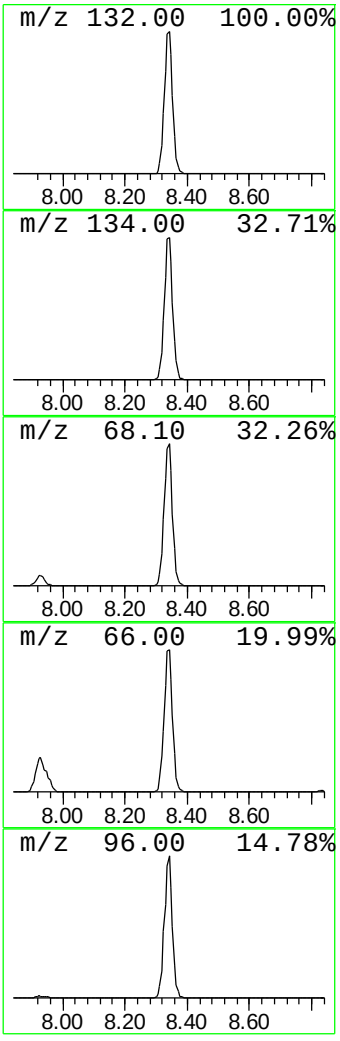
****

Peak Number 3 unknown8.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	107.69 ng	1347260	1,4-Dichlorobenzene-d4	8.83

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12





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Operator : SJ/JU
Sample : I6961-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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TIC Library : C:\Database\NIST11.L
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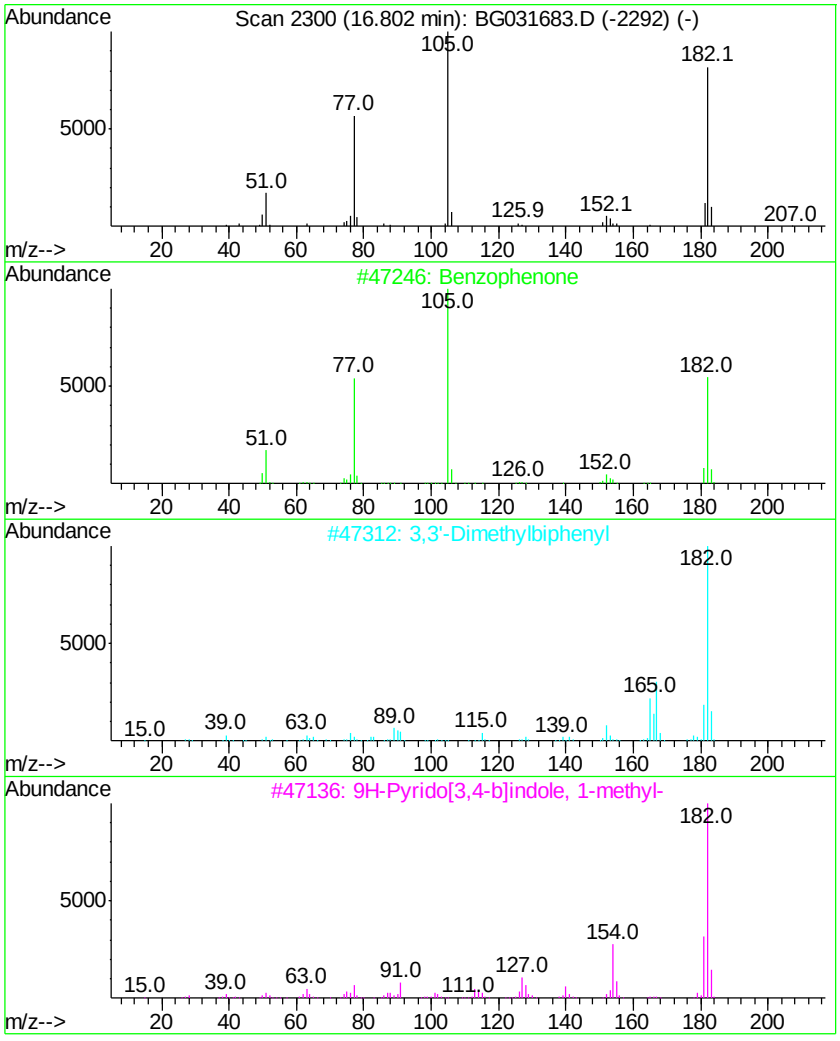
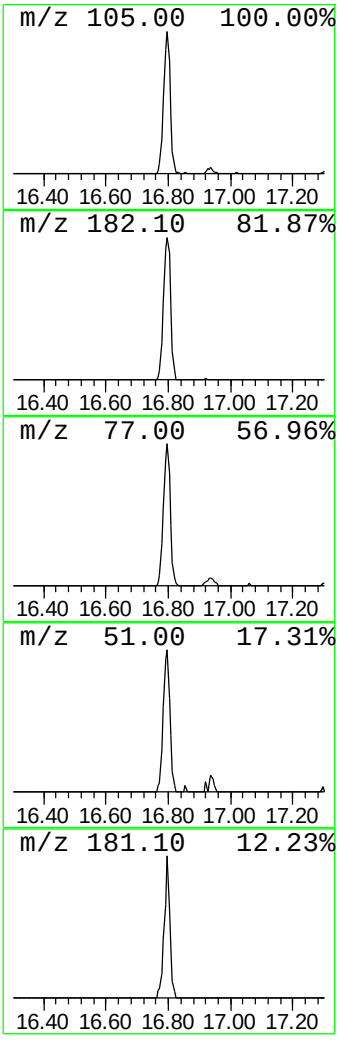
Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.23 ng	98045	Acenaphthene-d10	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43
3	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	43
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	41
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(70-72)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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TIC Library : C:\Database\NIST11.L
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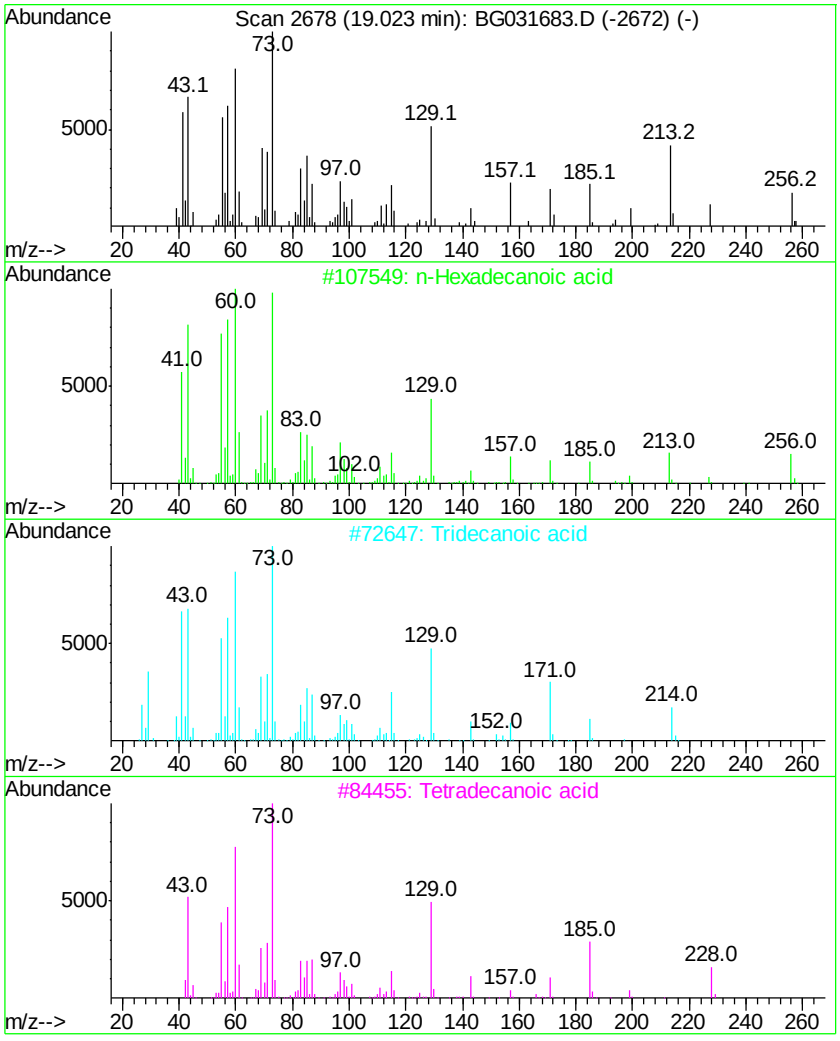
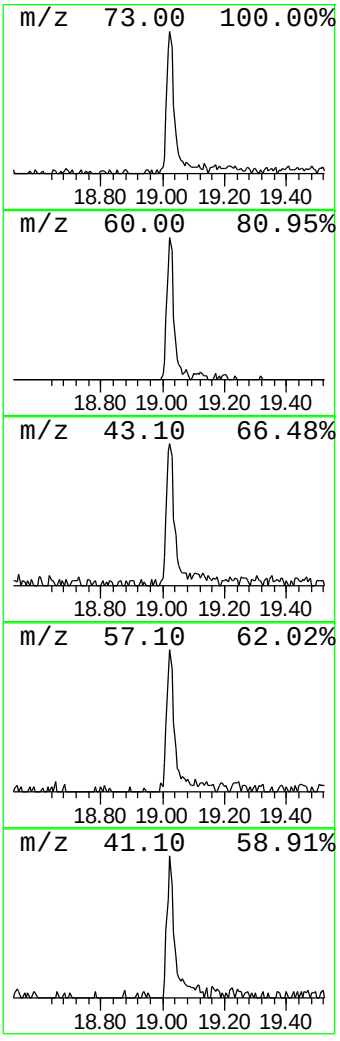
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	3.39 ng	143849	Phenanthrene-d10	18.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Sample : I6961-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-108-1(70-72)

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

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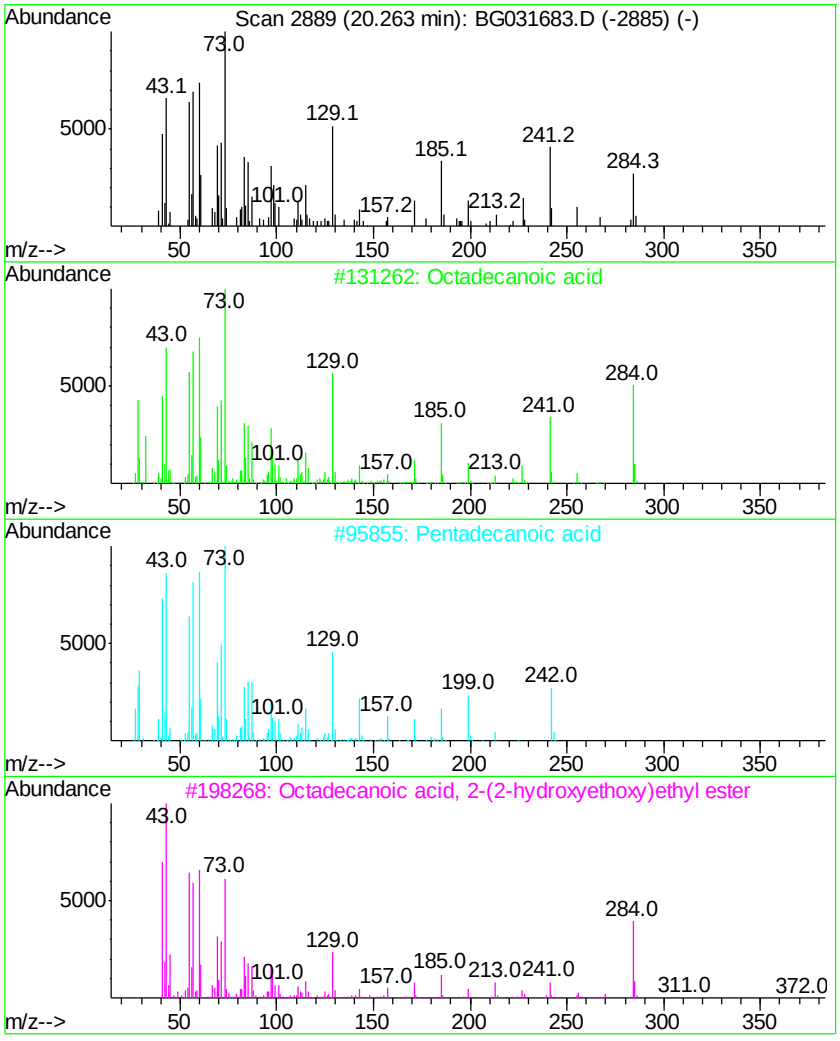
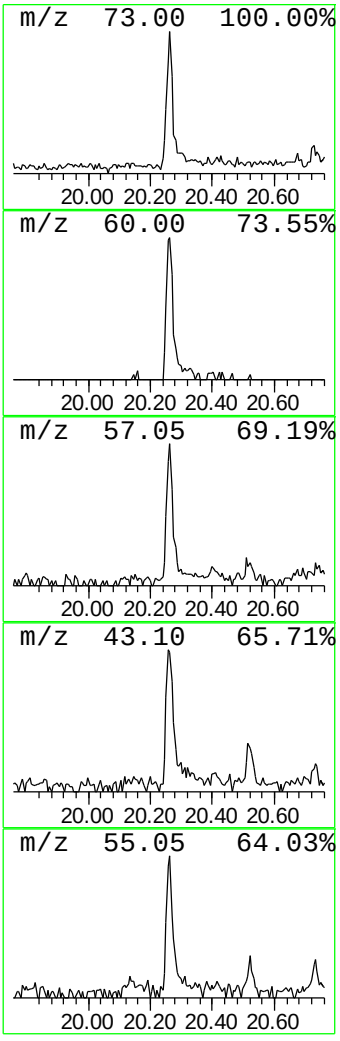
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.51 ng	106678	Phenanthrene-d10	18.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	38
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





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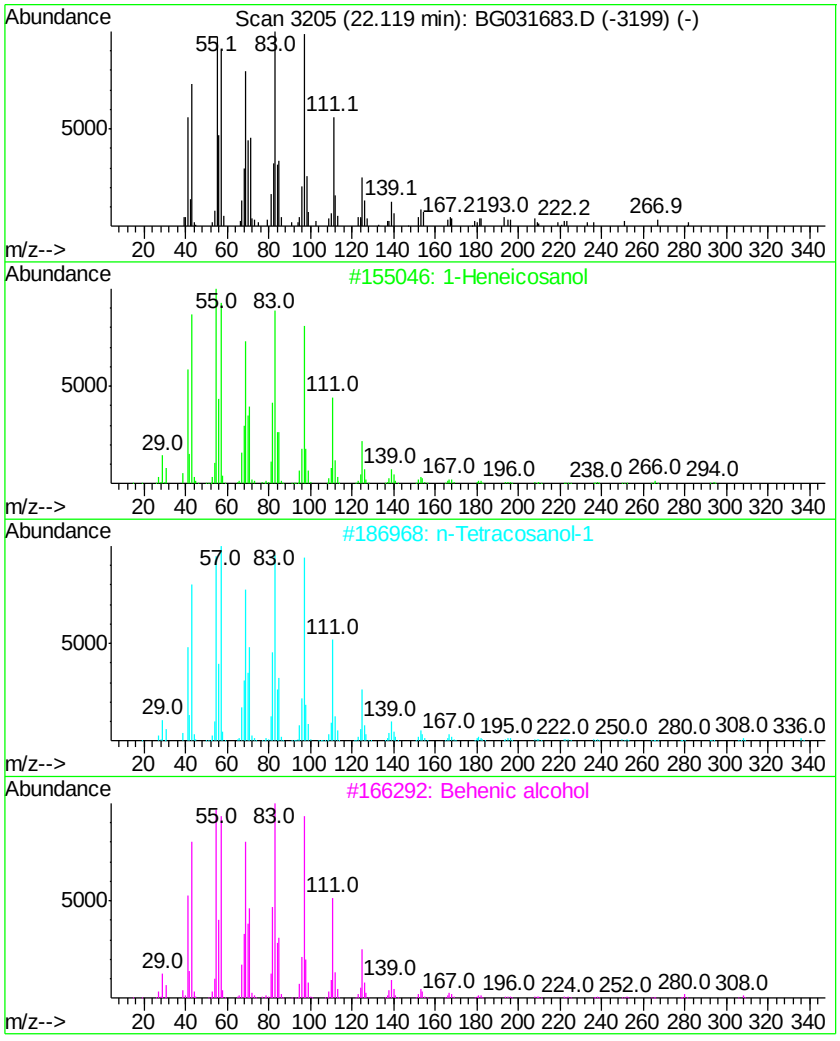
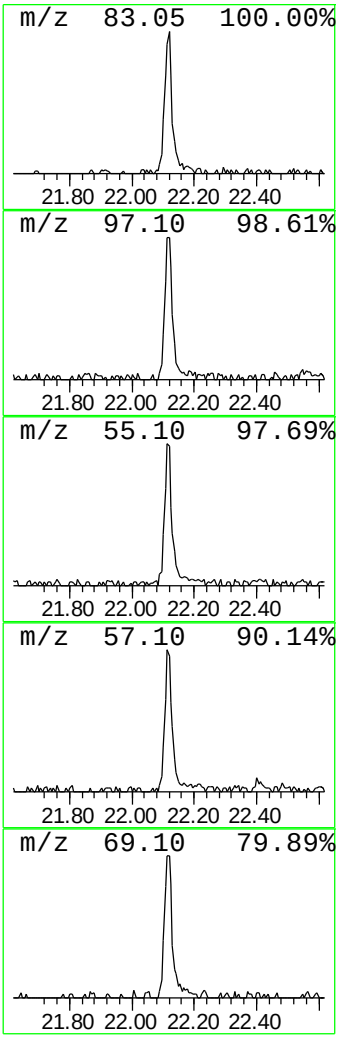
Peak Number 8 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.83 ng	148683	Chrysene-d12	22.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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
2-Pentanone, 4-hy...	5.74	4.8	ng	60097	1	8.83	250202	20.0
unknown8.34	8.34	107.7	ng	1347260	1	8.83	250202	20.0
Benzophenone	16.80	3.2	ng	98045	3	15.46	607053	20.0
n-Hexadecanoic acid	19.02	3.4	ng	143849	4	18.19	848662	20.0
Octadecanoic acid	20.26	2.5	ng	106678	4	18.19	848662	20.0
1-Heneicosanol	22.12	2.8	ng	148683	5	22.56	1050850	20.0