LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033267.D
Acq On : 20 Mar 2018 14:48
Operator : SJ/JU
Sample : J1983-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-L-4DS(16-18)

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-BG031918.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	3.496	29	35	46	rBV2	58793	134446	3.53%	0.640%
2	3.596	46	52	59	rVB	37697	63412	1.67%	0.302%
3	5.805	422	428	440	rBV	48310	84507	2.22%	0.402%
4	6.316	508	515	539	rBV	831190	1645475	43.21%	7.830%
5	8.002	796	802	822	rBV	833308	1798300	47.22%	8.558%
6	8.414	864	872	892	rBV	817954	1680180	44.12%	7.995%
7	8.901	946	955	976	rBV2	122209	267909	7.03%	1.275%
8	9.236	1004	1012	1031	rBV	602888	1207629	31.71%	5.747%
9	10.100	1150	1159	1178	rBV	505042	1094182	28.73%	5.207%
10	11.786	1438	1446	1456	rBV	178898	372011	9.77%	1.770%
11	14.142	1840	1847	1863	rBV	1442294	2428899	63.78%	11.558%
12	14.935	1975	1982	1987	rBV	132927	213558	5.61%	1.016%
13	15.517	2074	2081	2092	rBV2	332546	595209	15.63%	2.832%
14	16.986	2324	2331	2352	rBV	1531519	2445642	64.22%	11.638%
15	17.133	2352	2356	2365	rVB2	21748	39404	1.03%	0.188%
16	18.243	2538	2545	2557	rBV	474703	828642	21.76%	3.943%
17	19.042	2676	2681	2688	rBV2	128292	194302	5.10%	0.925%
18	20.764	2967	2974	2985	rBV	2751229	3808463	100.00%	18.123%
19	22.109	3198	3203	3217	rBV	155697	290406	7.63%	1.382%
20	22.597	3279	3286	3297	rBV2	474167	927884	24.36%	4.416%
21	26.398	3921	3933	3949	rVB2	261984	893619	23.46%	4.252%

Sum of corrected areas: 21014079

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
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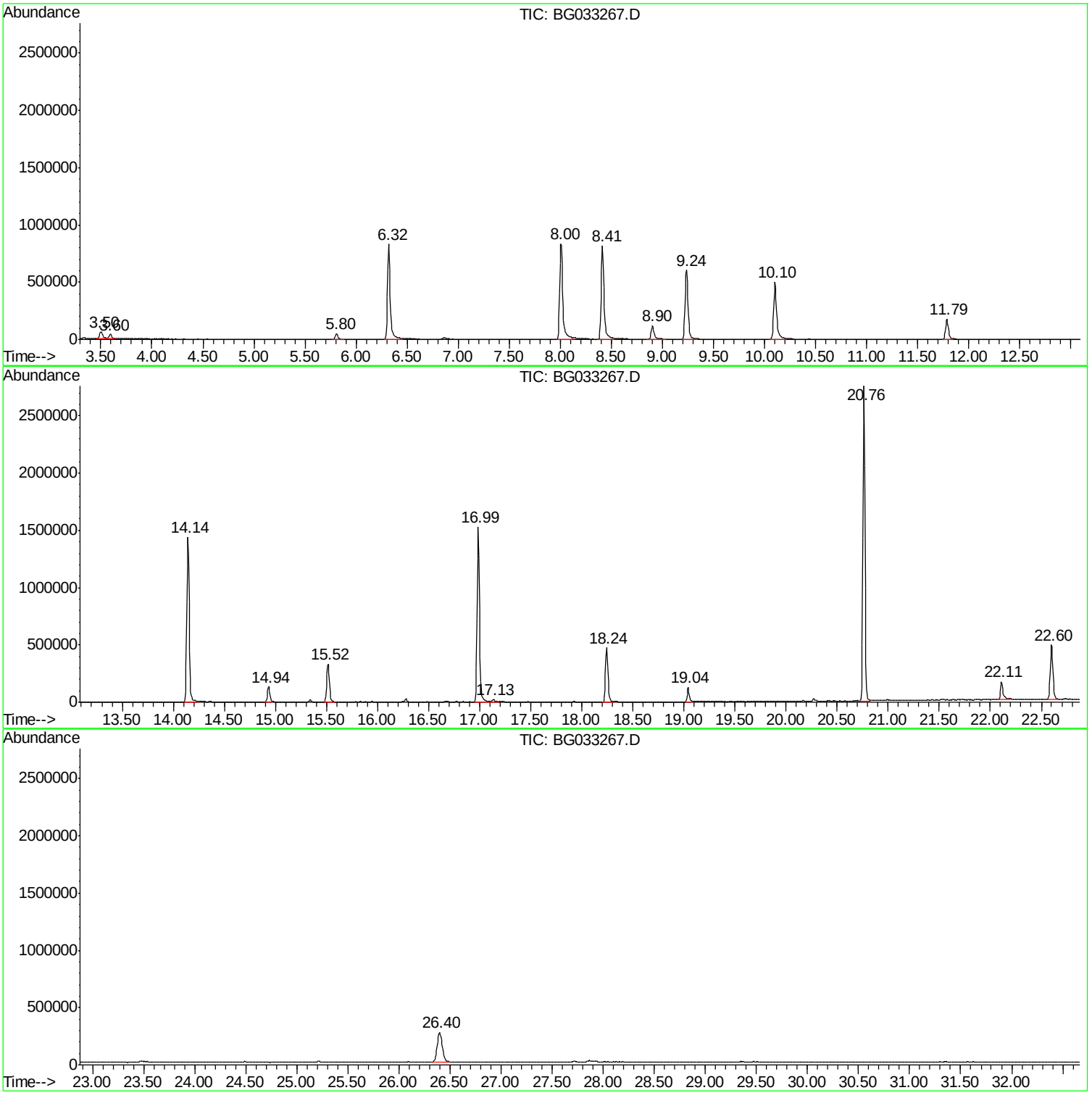
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-L-4DS(16-18)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033267.D
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Operator : SJ/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-L-4DS(16-18)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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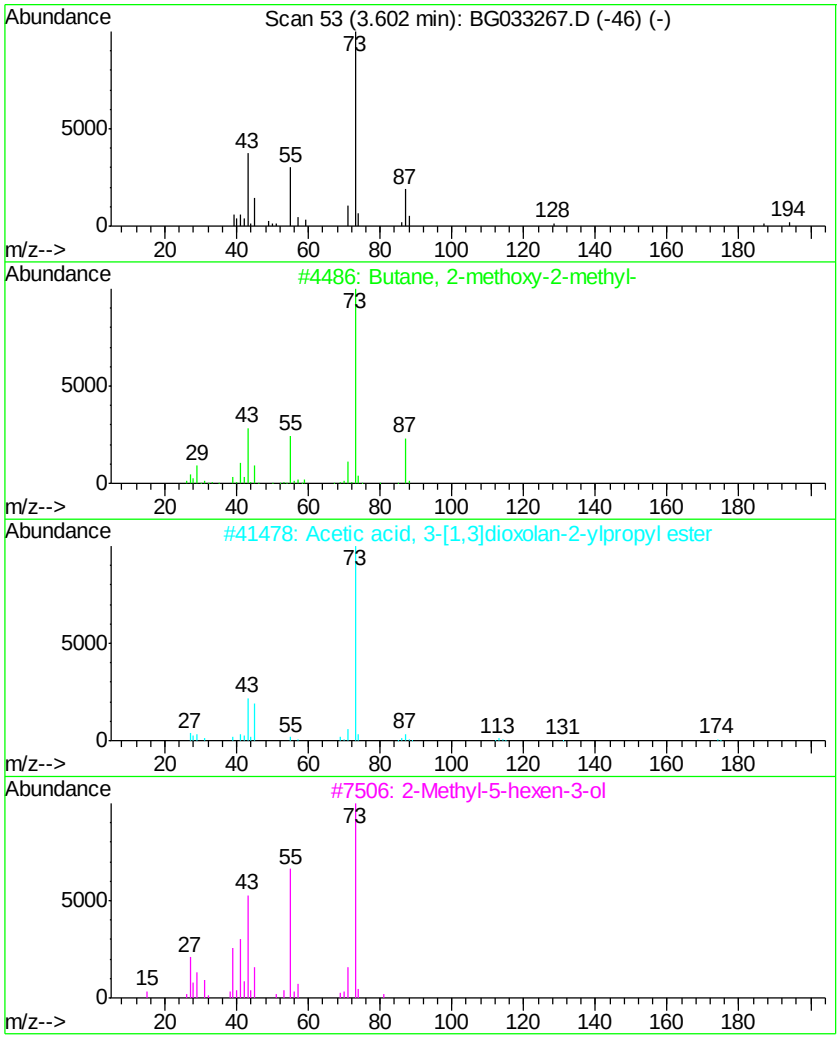
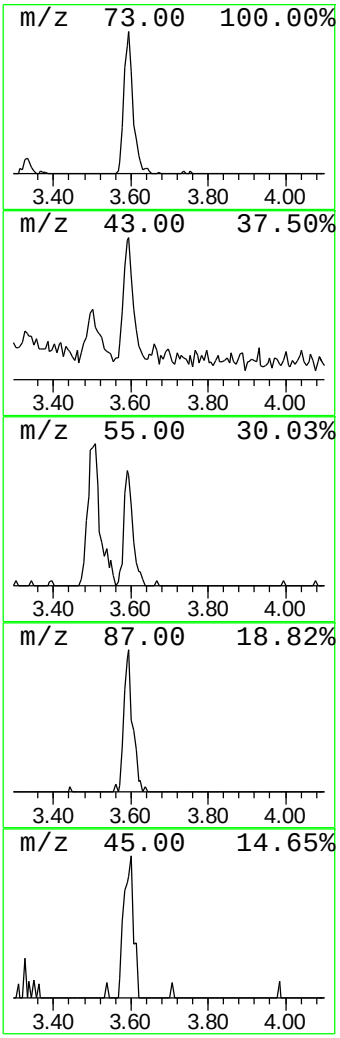
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	4.73 ng	63412	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	23
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

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Data File : BG033267.D
Acq On : 20 Mar 2018 14:48
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-L-4DS(16-18)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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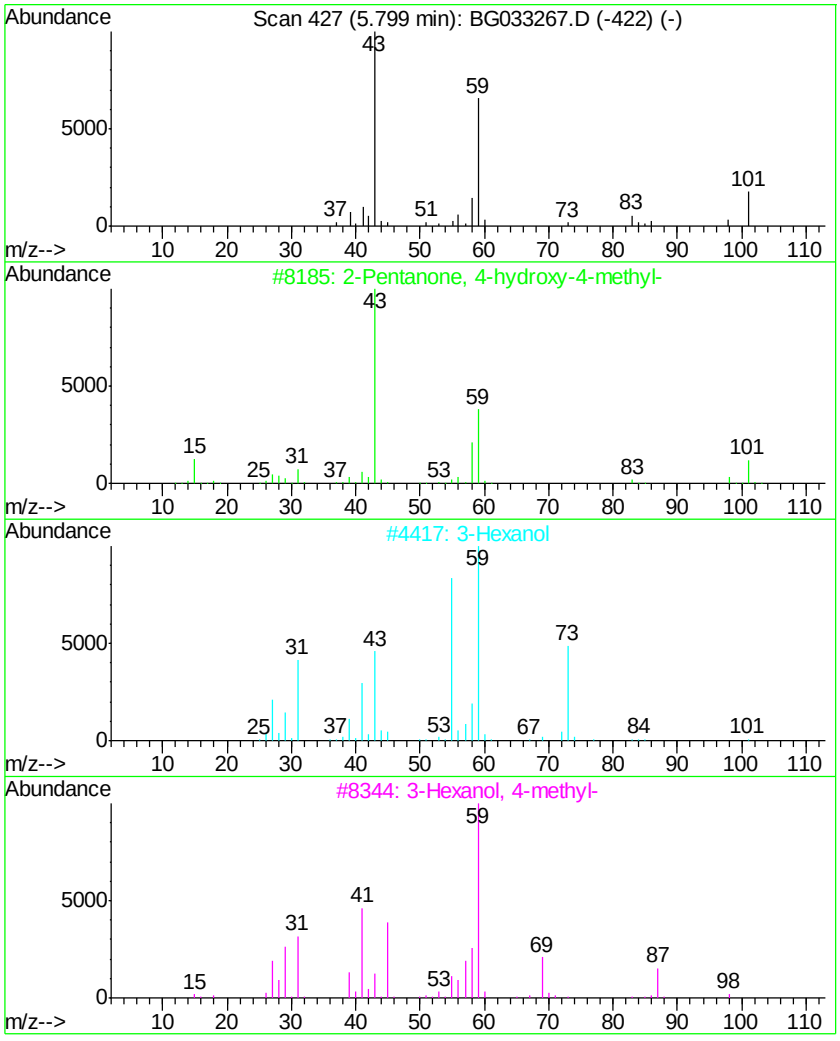
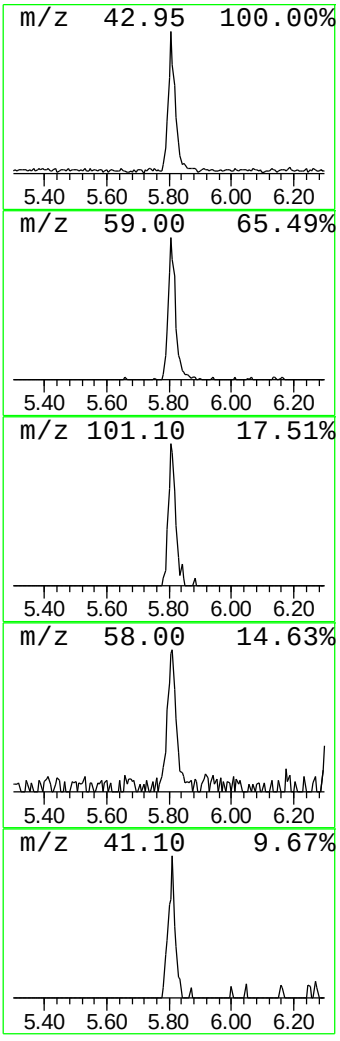
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.80	6.31 ng	84507	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol	102	C6H14O	000623-37-0	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Heptanol	116	C7H16O	000589-82-2	25





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033267.D
Acq On : 20 Mar 2018 14:48
Operator : SJ/JU
Sample : J1983-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-L-4DS(16-18)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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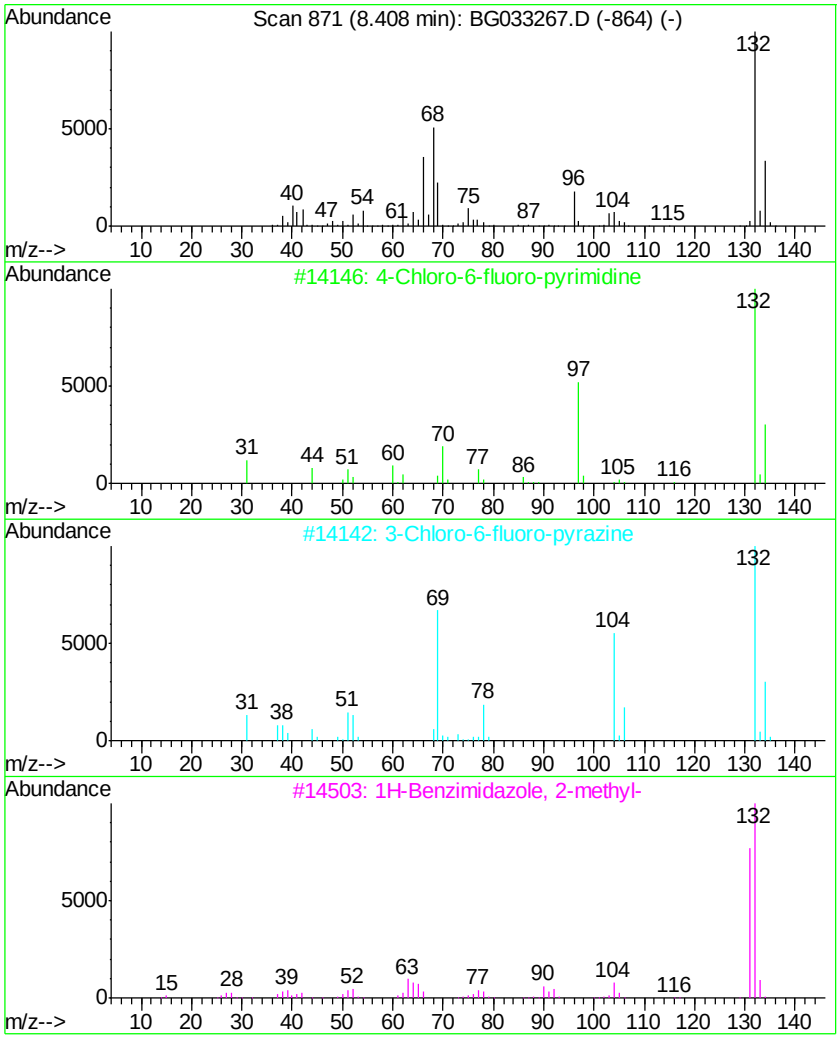
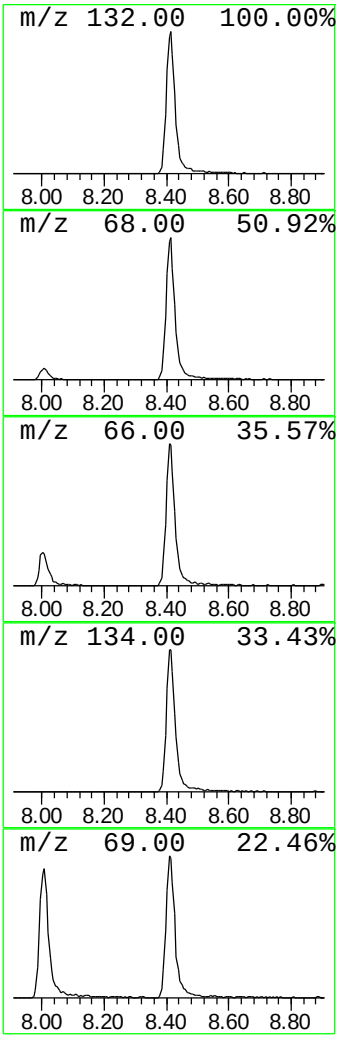
Peak Number 4 unknown8.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	125.43 ng	1680180	1,4-Dichlorobenzene-d4	8.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





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Data File : BG033267.D
Acq On : 20 Mar 2018 14:48
Operator : SJ/JU
Sample : J1983-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-L-4DS(16-18)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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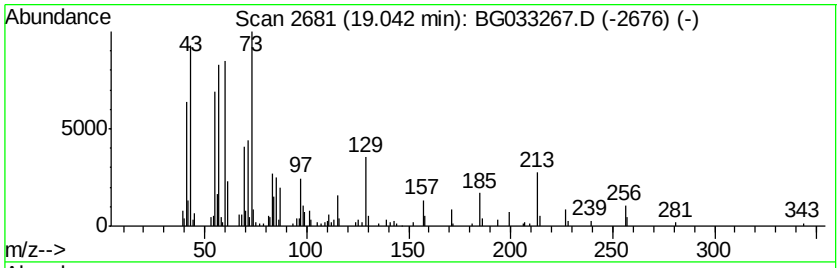
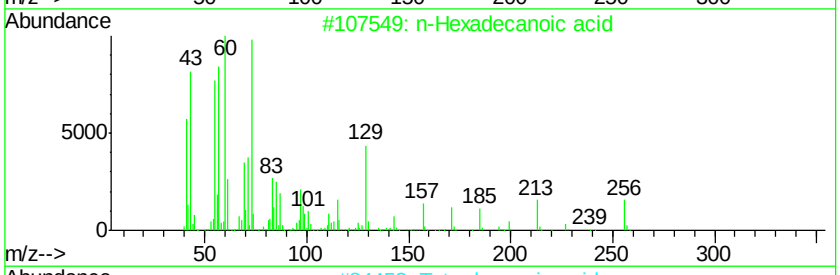
****

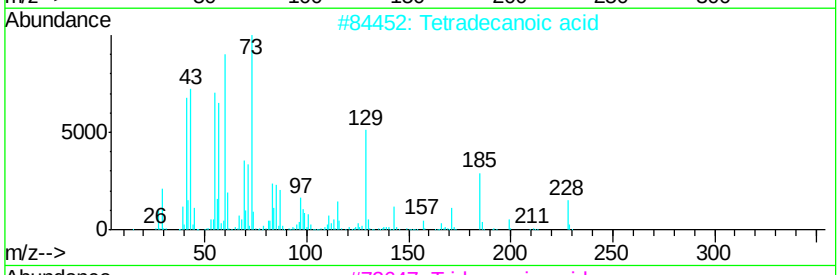
Peak Number 6 n-PROPYL NONYL ETHER Concentration Rank 7

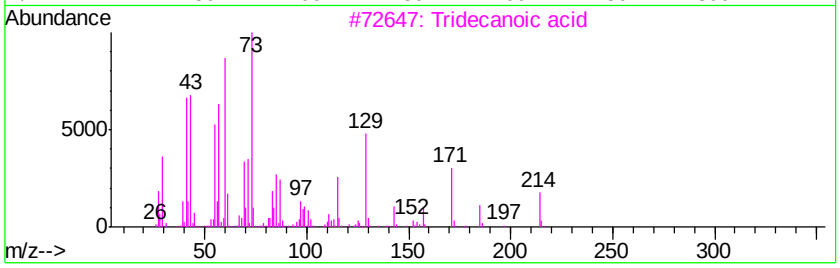
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	4.69 ng	194302	Phenanthrene-d10	18.24

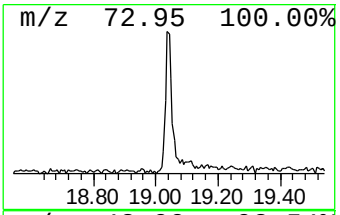
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25

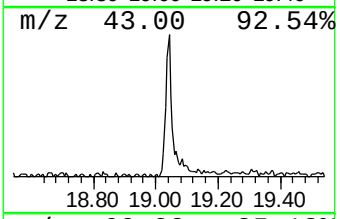


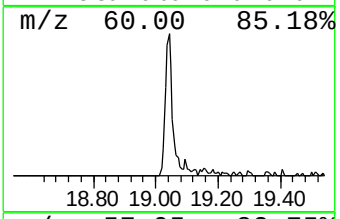


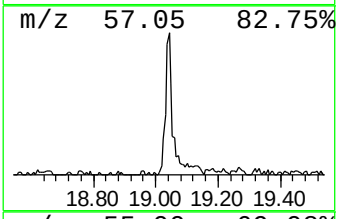


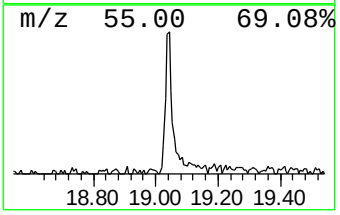












Library Search Compound Report

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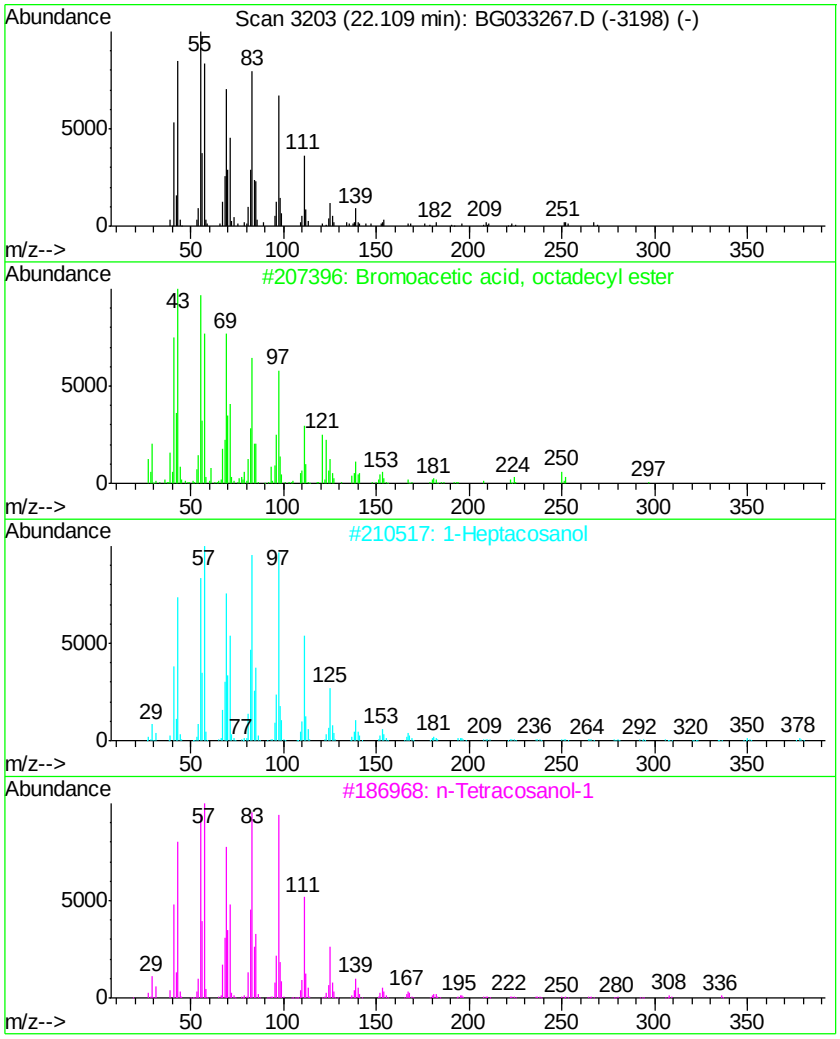
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

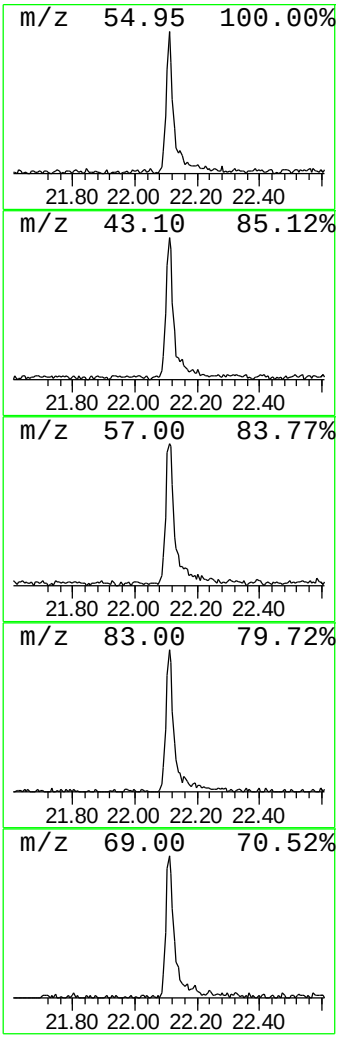
****

Peak Number 7 Bromoacetic acid, octadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	6.26 ng	290406	Chrysene-d12	22.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





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
Butane, 2-methoxy...	3.60	4.7	ng	63412	1	8.90	267909	20.0
2-Pentanone, 4-hy...	5.80	6.3	ng	84507	1	8.90	267909	20.0
unknown8.41	8.41	125.4	ng	1680180	1	8.90	267909	20.0
n-PROPYL NONYL ETHER	19.04	4.7	ng	194302	4	18.24	828642	20.0
Bromoacetic acid,...	22.11	6.3	ng	290406	5	22.60	927884	20.0