LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031924.D
Acq On : 4 Jan 2018 20:36
Operator : SJ/JU
Sample : J1025-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(30-32)

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	3.420	16	22	33	rBV2	45201	90525	2.44%	0.501%
2	3.508	33	37	45	rVB	27308	39368	1.06%	0.218%
3	5.700	405	410	417	rBV	52642	90693	2.45%	0.502%
4	6.211	489	497	509	rBV	607028	1068682	28.82%	5.916%
5	7.891	774	783	795	rBV	621669	1189036	32.07%	6.582%
6	8.297	842	852	863	rBV	667553	1209794	32.63%	6.697%
7	8.784	928	935	945	rVB	139526	245771	6.63%	1.360%
8	9.125	983	993	1004	rBV	471150	893562	24.10%	4.946%
9	9.983	1130	1139	1148	rBV	367614	677491	18.27%	3.750%
10	11.669	1418	1426	1436	rVB	200803	358376	9.67%	1.984%
11	14.043	1822	1830	1842	rBV	1285197	2052717	55.36%	11.363%
12	14.842	1959	1966	1972	rBV	154304	236915	6.39%	1.311%
13	15.418	2057	2064	2073	rVB2	353299	604471	16.30%	3.346%
14	16.892	2307	2315	2324	rBV	1355293	2200687	59.35%	12.182%
15	18.150	2522	2529	2540	rBV2	571407	907275	24.47%	5.022%
16	18.961	2663	2667	2680	rBV2	70494	115901	3.13%	0.642%
17	20.682	2954	2960	2968	rBV	2672468	3707916	100.00%	20.525%
18	22.033	3185	3190	3196	rBV2	89938	136362	3.68%	0.755%
19	22.492	3259	3268	3281	rBV2	605674	1165954	31.44%	6.454%
20	26.229	3893	3904	3918	rBV2	315942	1074003	28.97%	5.945%

Sum of corrected areas: 18065499

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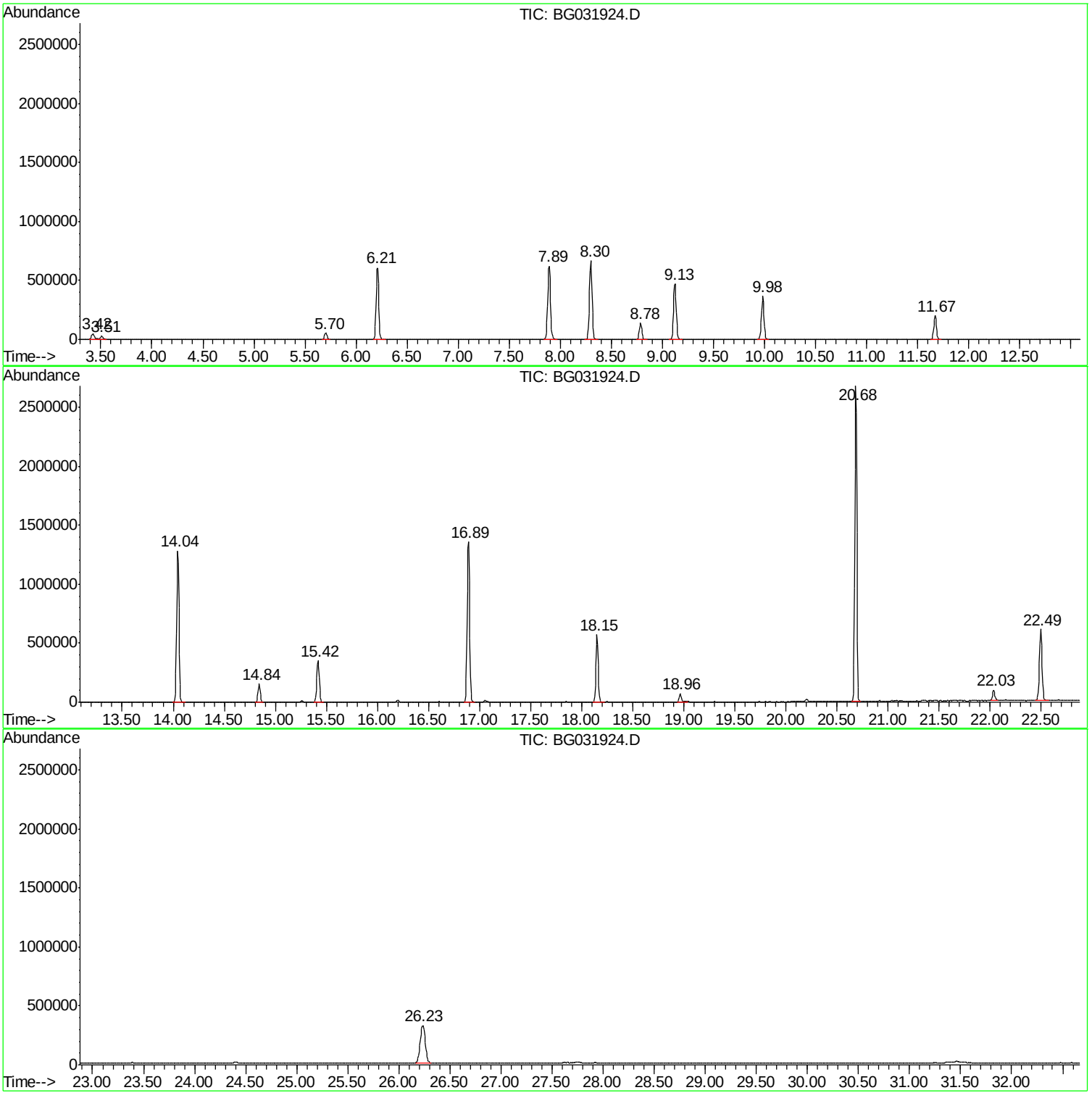
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-106-2(30-32)

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\
Data File : BG031924.D
Acq On : 4 Jan 2018 20:36
Operator : SJ/JU
Sample : J1025-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(30-32)

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

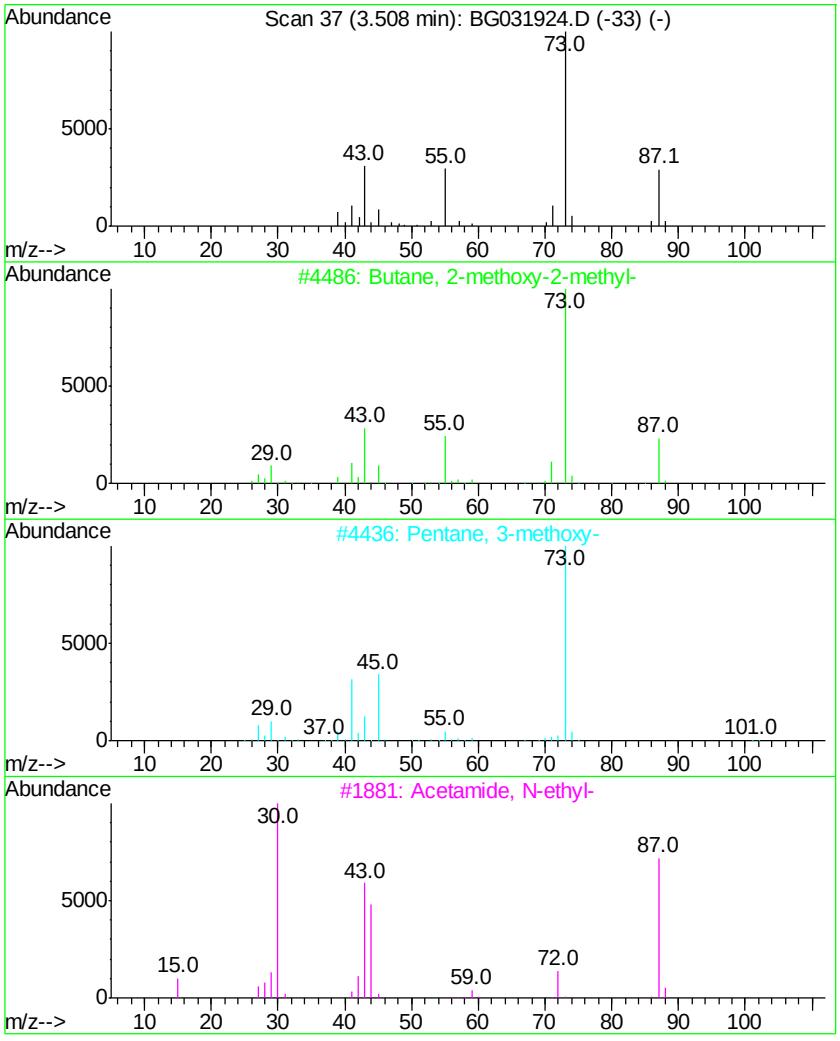
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

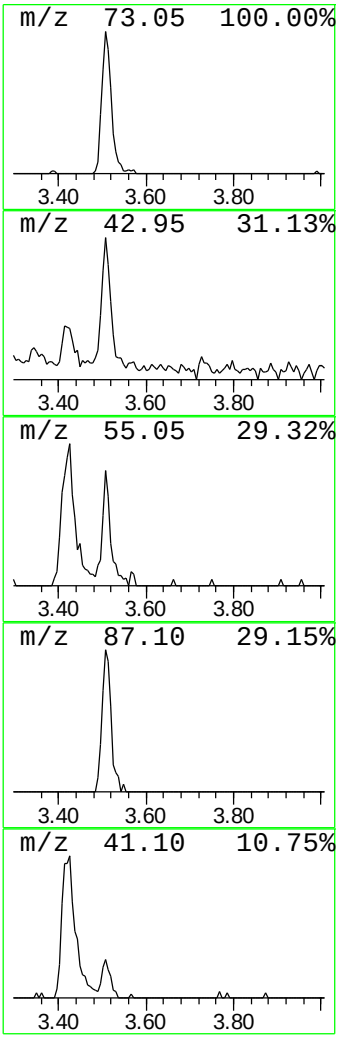
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	3.20 ng	39368	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	56
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(30-32)

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

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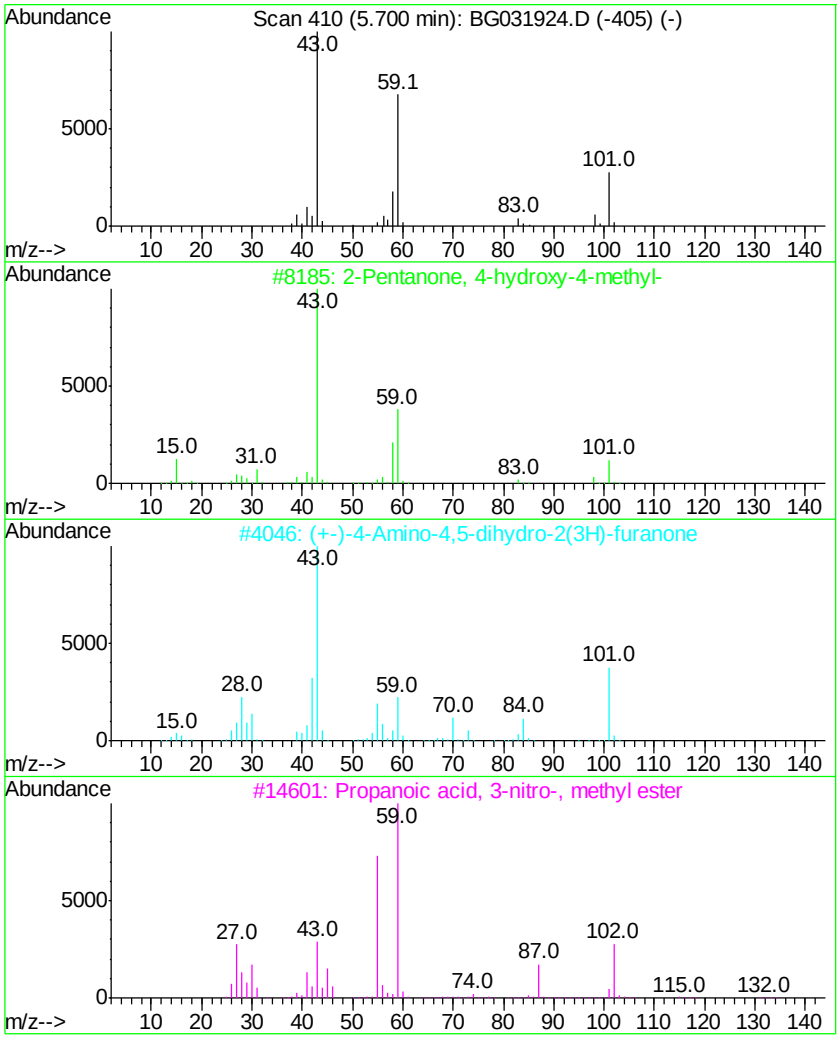
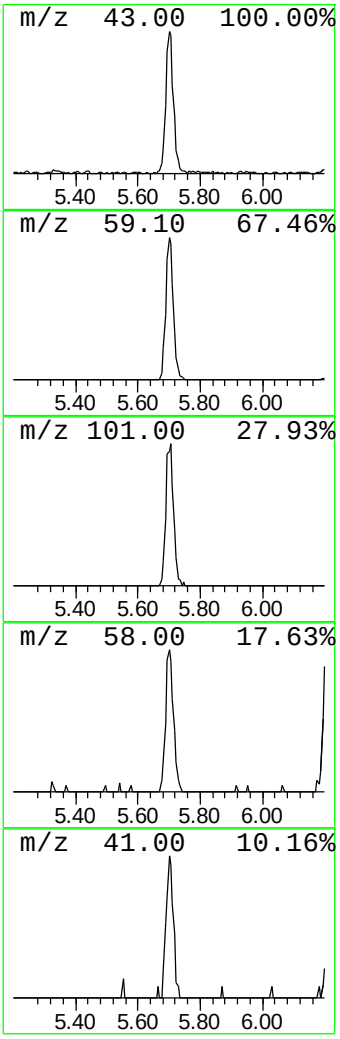
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	7.38 ng	90693	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	17
3	Propanoic acid, 3-nitro-, methyl...	133	C4H7NO4	020497-95-4	12
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	12
5	Methyl isocyanoacetate	99	C4H5NO2	039687-95-1	9





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(30-32)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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TIC Library : C:\Database\NIST11.L
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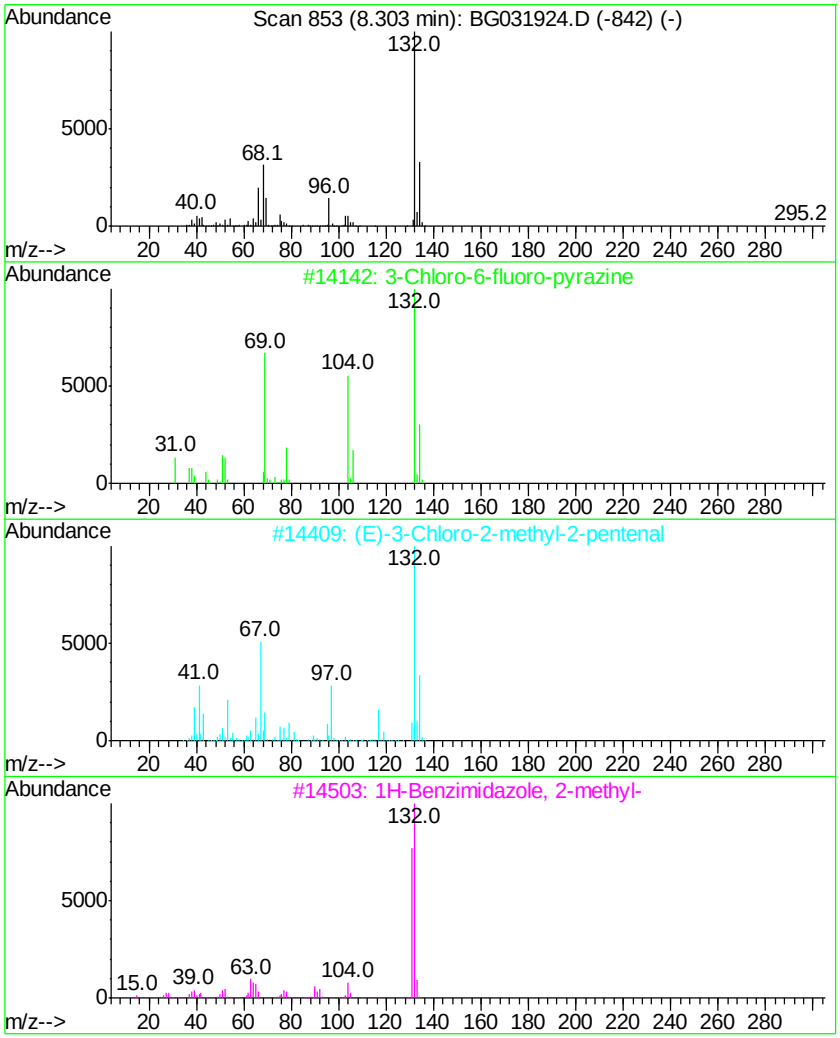
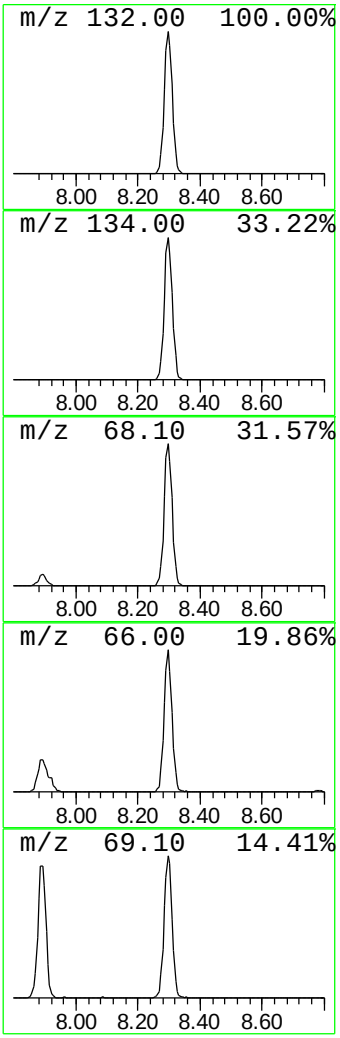
Peak Number 4 unknown8.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	98.45 ng	1209790	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-106-2(30-32)

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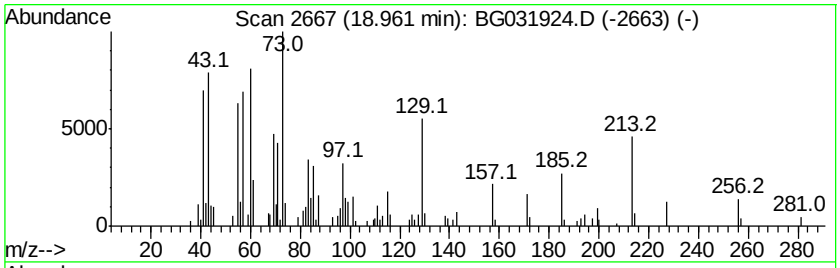
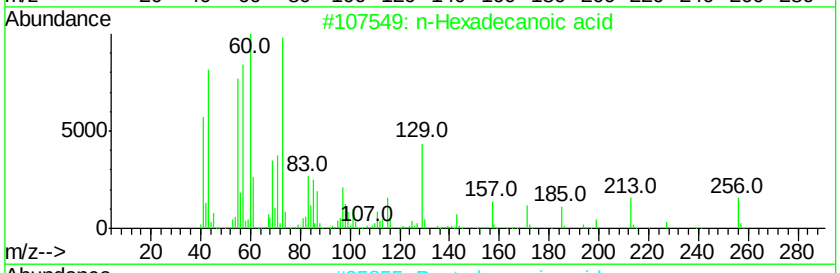
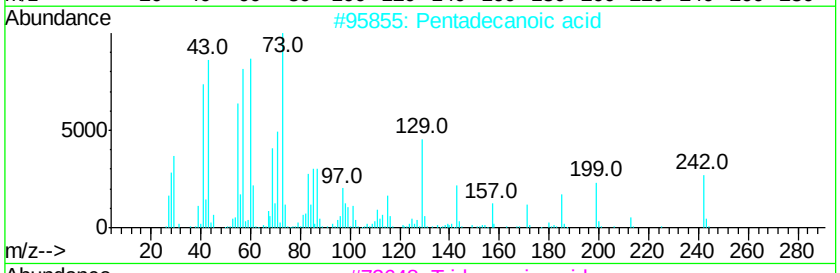
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

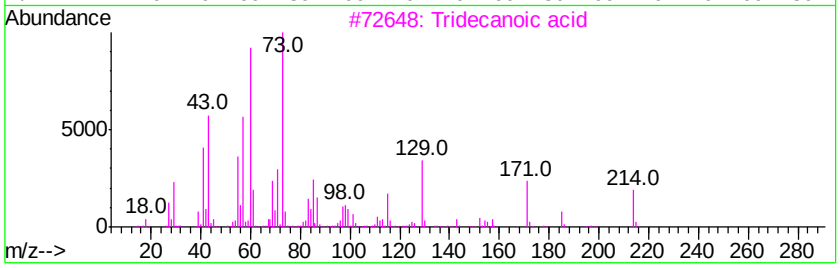
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.55 ng	115901	Phenanthrene-d10	18.15

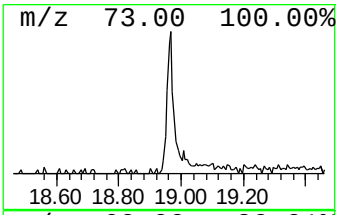
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60

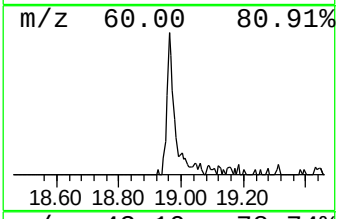


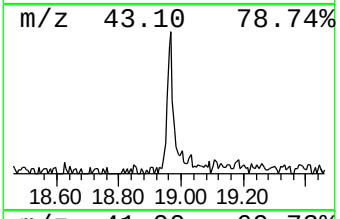


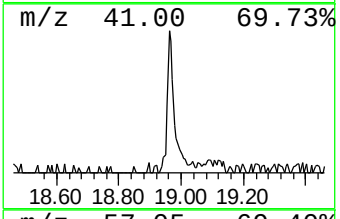


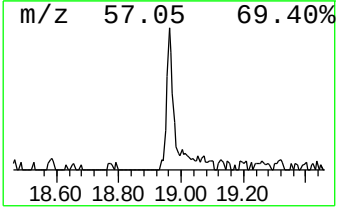












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TIC Library : C:\Database\NIST11.L
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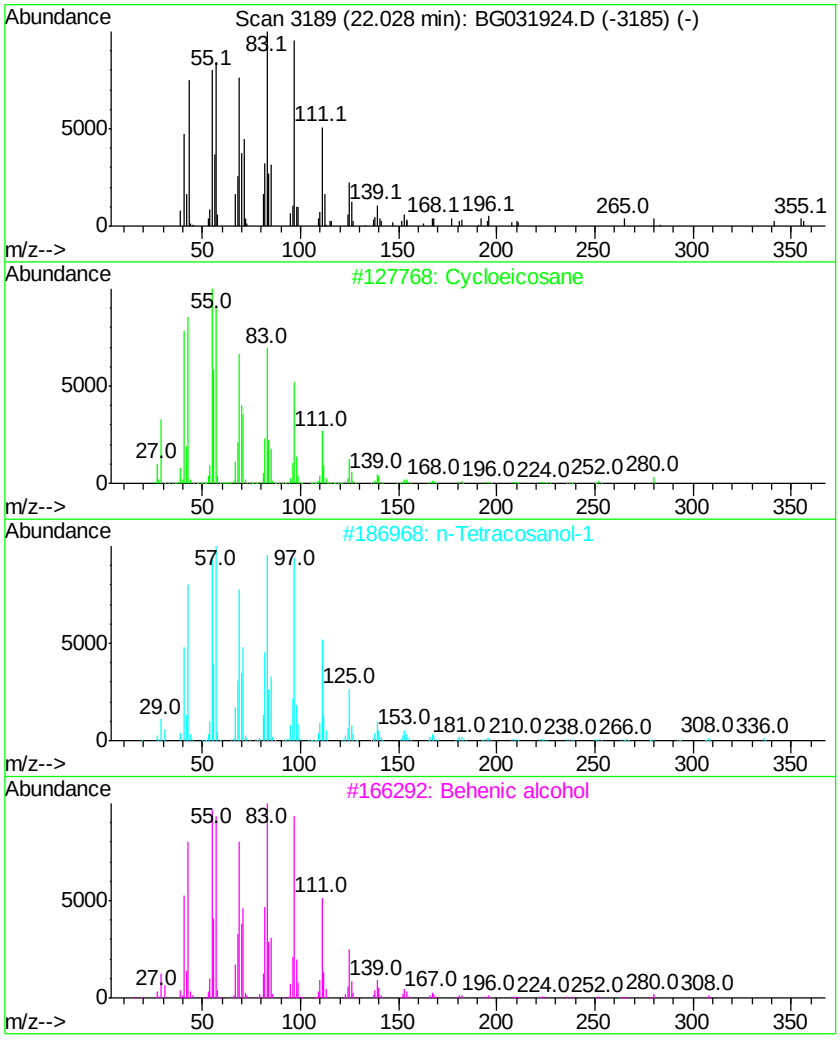
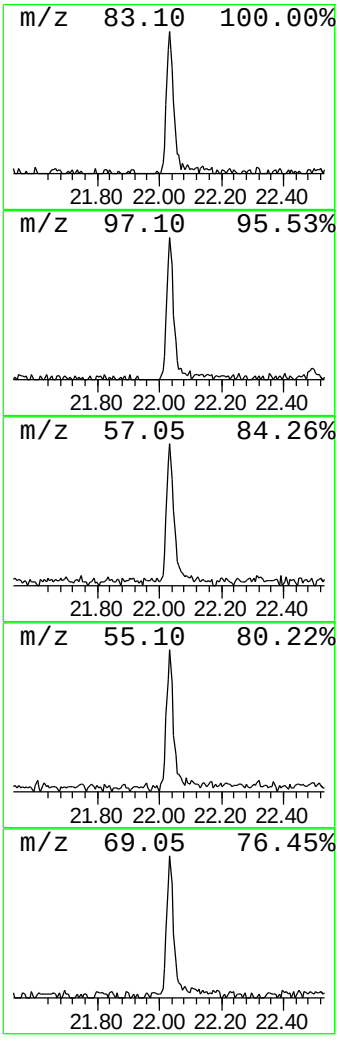
****

Peak Number 7 Cycloeicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.34 ng	136362	Chrysene-d12	22.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	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
Butane, 2-methoxy...	3.51	3.2	ng	39368	1	8.78	245771	20.0
2-Pentanone, 4-hy...	5.70	7.4	ng	90693	1	8.78	245771	20.0
unknown8.30	8.30	98.5	ng	1209790	1	8.78	245771	20.0
n-Hexadecanoic acid	18.96	2.5	ng	115901	4	18.15	907275	20.0
Cycloeicosane	22.03	2.3	ng	136362	5	22.49	1165950	20.0