LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA G\DATA\BG010418\
Data File : BG031927.D
Acq On : 4 Jan 2018 22:29
Operator : SJ/JU
Sample : J1025-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-106-2(65-67)

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	14	23	33	rBV	50644	99510	2.31%	0.501%
2	3.511	33	38	48	rVB	28334	43716	1.01%	0.220%
3	5.702	405	411	419	rBV	65849	108208	2.51%	0.545%
4	6.208	489	497	509	rBV	694510	1190870	27.60%	6.000%
5	7.888	775	783	796	rBV	699979	1329826	30.81%	6.700%
6	8.299	844	853	866	rBV	715784	1343572	31.13%	6.770%
7	8.787	928	936	945	rBV	136961	248375	5.76%	1.251%
8	9.122	984	993	1006	rBB	533383	986281	22.85%	4.969%
9	9.980	1131	1139	1154	rBV	398057	758809	17.58%	3.823%
10	11.666	1418	1426	1438	rBV	192937	365646	8.47%	1.842%
11	14.045	1822	1831	1840	rBV	1389908	2186872	50.67%	11.019%
12	14.839	1960	1966	1972	rBV	141425	213530	4.95%	1.076%
13	15.420	2058	2065	2073	rVB2	356425	611892	14.18%	3.083%
14	16.889	2308	2315	2330	rBV	1534986	2492790	57.76%	12.560%
15	17.054	2338	2343	2355	rBV	27348	44992	1.04%	0.227%
16	18.152	2522	2530	2538	rBV2	579912	945862	21.92%	4.766%
17	18.963	2663	2668	2679	rBV3	62000	100222	2.32%	0.505%
18	20.685	2954	2961	2973	rBV	3077550	4315526	100.00%	21.744%
19	22.036	3185	3191	3199	rBV2	58565	101271	2.35%	0.510%
20	22.494	3262	3269	3280	rBV2	653620	1200727	27.82%	6.050%
21	26.237	3894	3906	3923	rVB2	343076	1158347	26.84%	5.836%

Sum of corrected areas: 19846844

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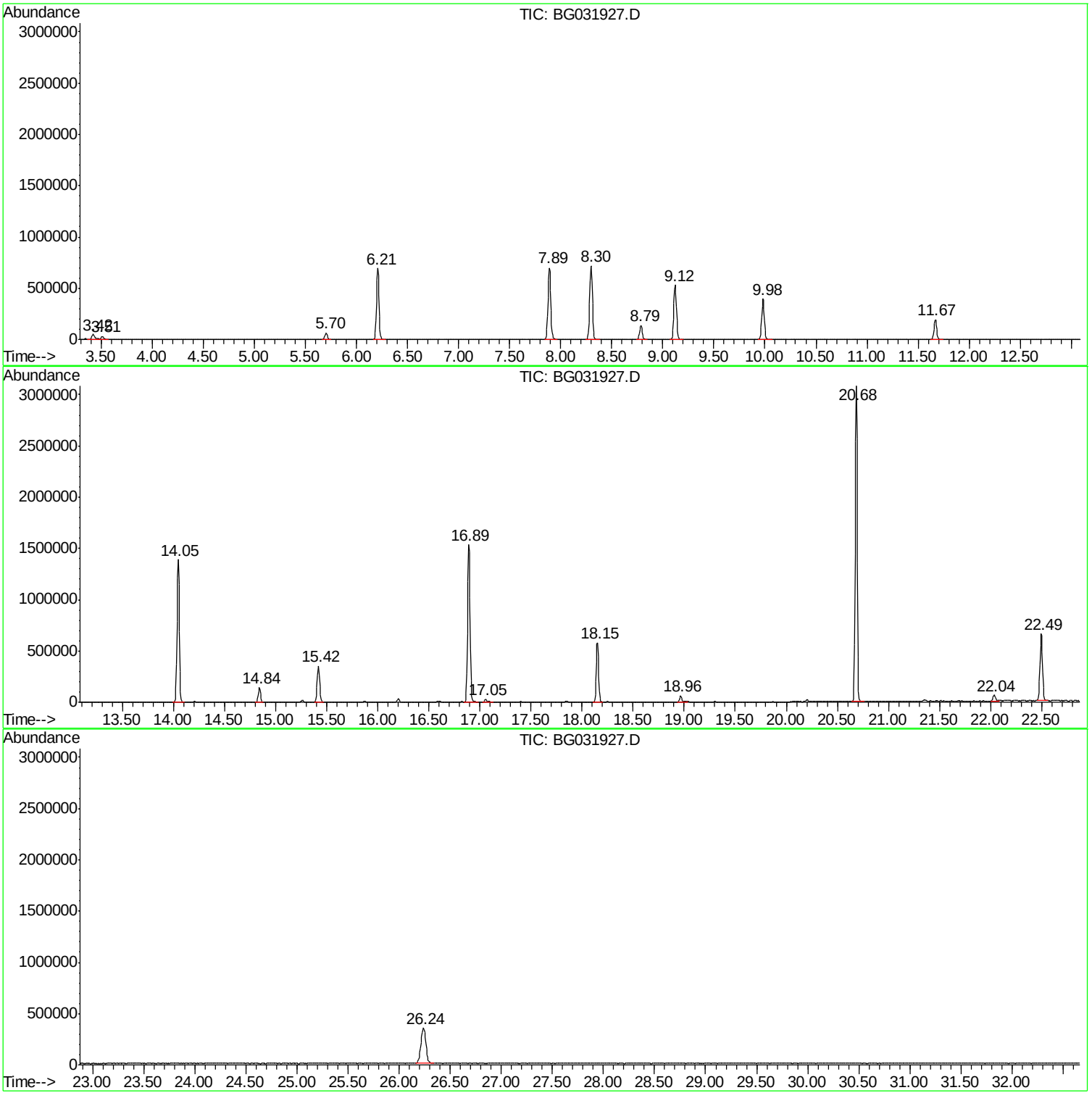
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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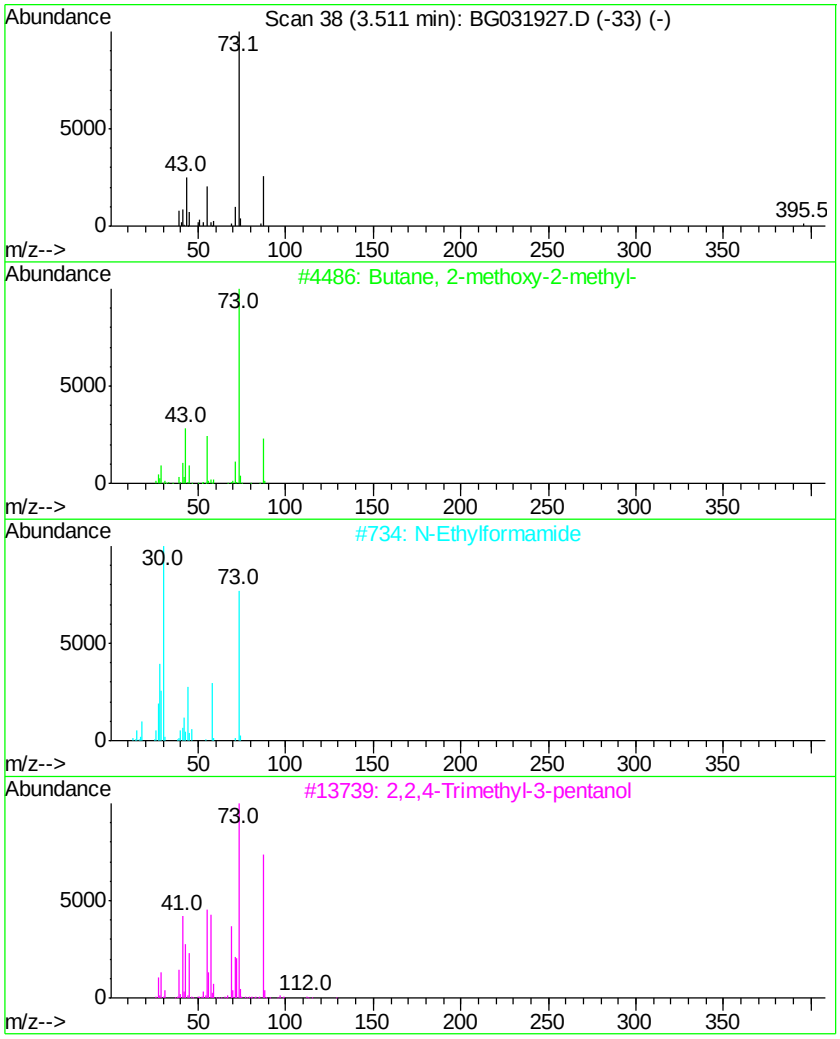
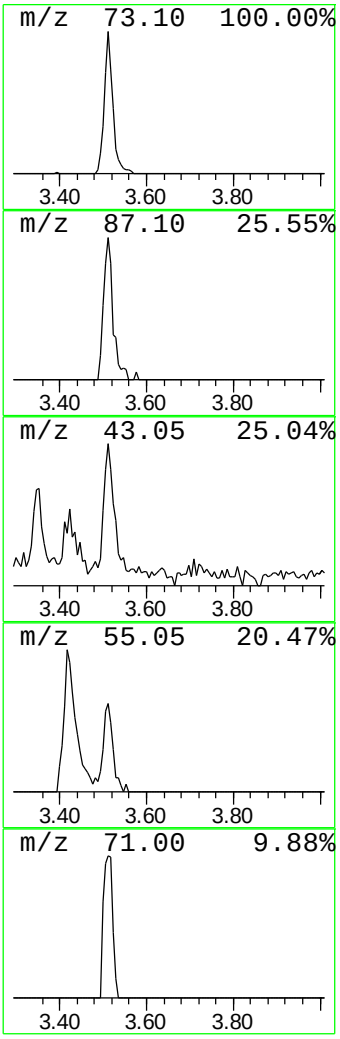
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	3.52 ng	43716	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	64
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4





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Instrument : BNA_G
ClientSampleId : EPE-106-2(65-67)

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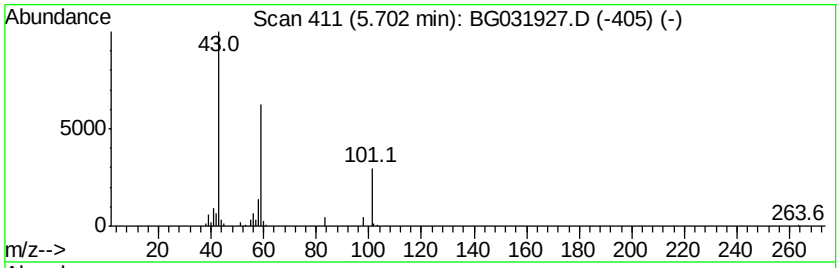
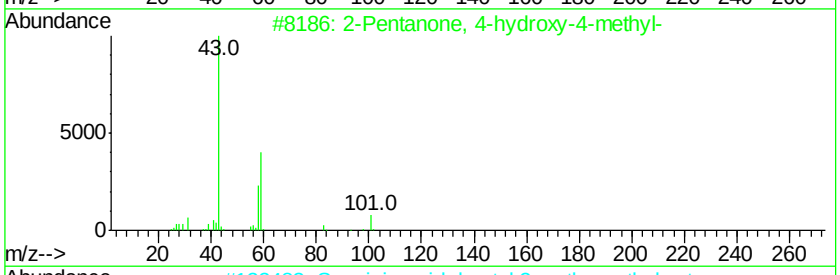
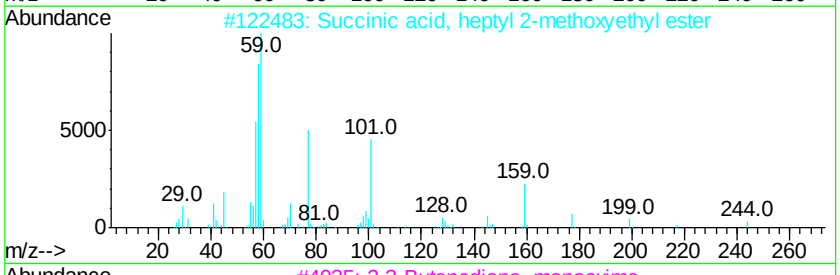
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

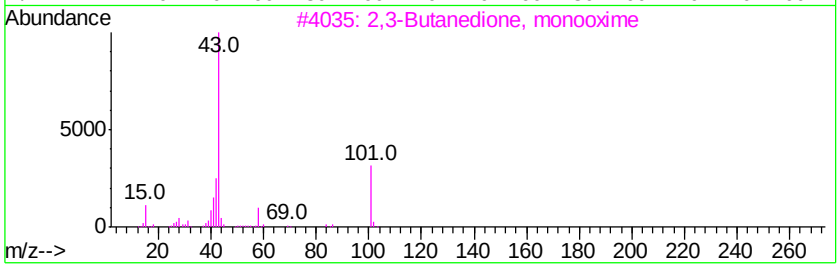
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	8.71 ng	108208	1,4-Dichlorobenzene-d4	8.78

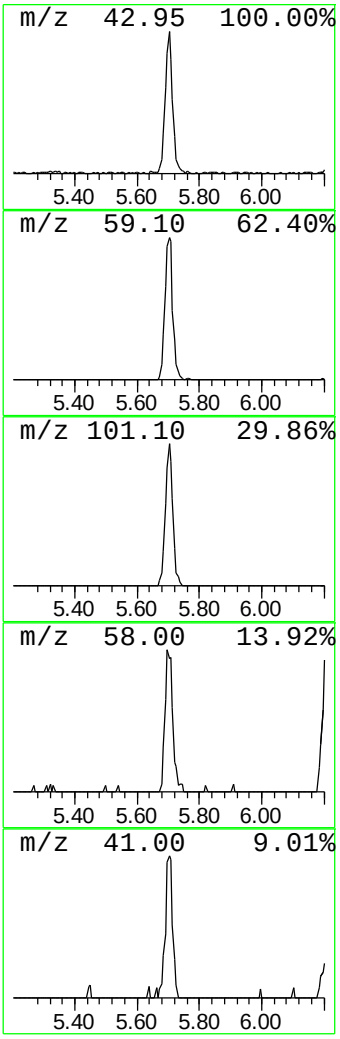
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	3-Heptadecanol	256	C17H36O	084534-30-5	23
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	17











Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-106-2(65-67)

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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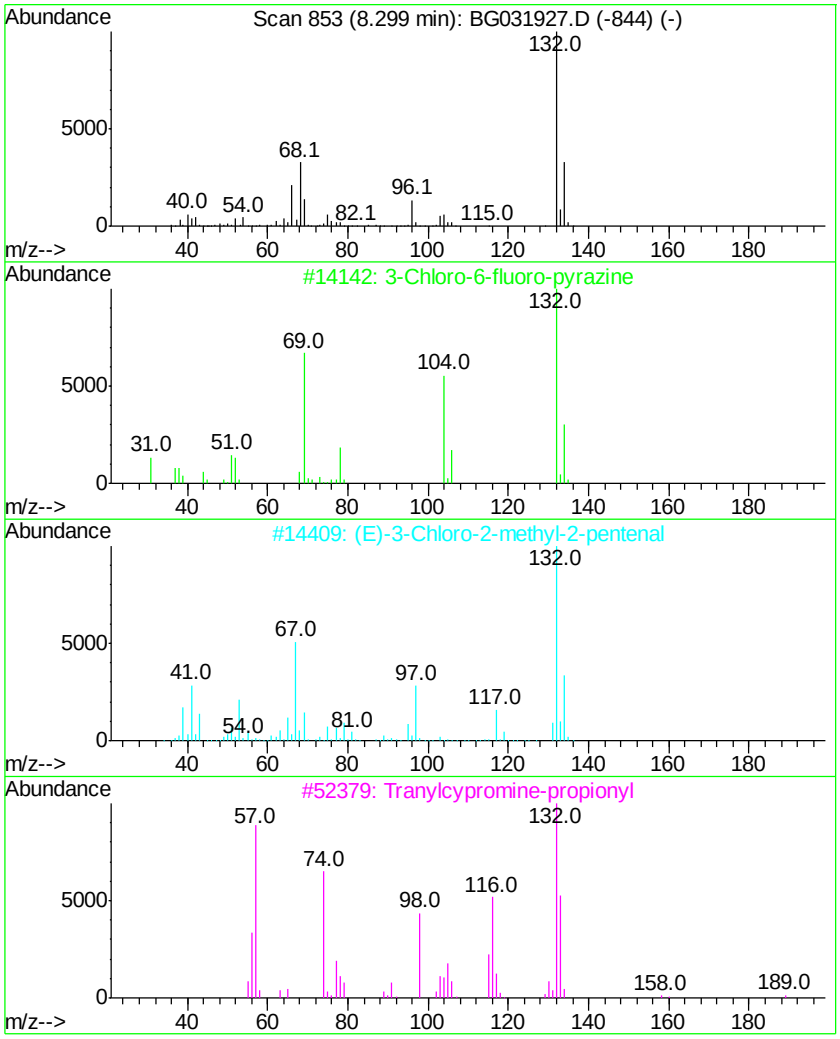
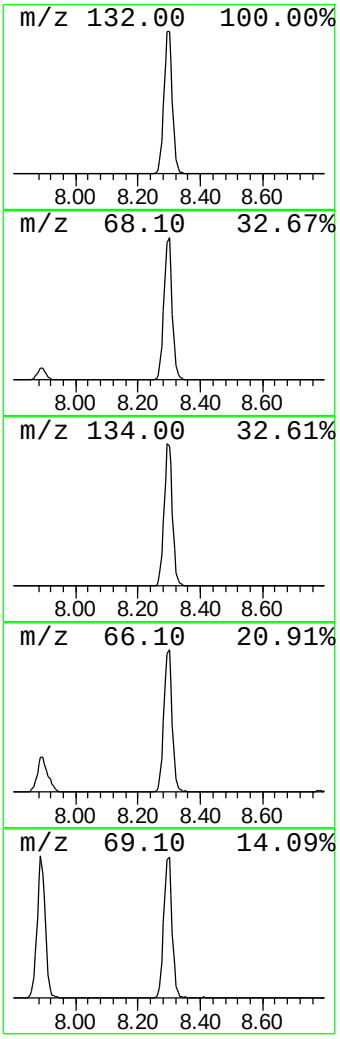
Peak Number 4 unknown8.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	108.19 ng	1343570	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	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Instrument : BNA_G
ClientSampleId : EPE-106-2(65-67)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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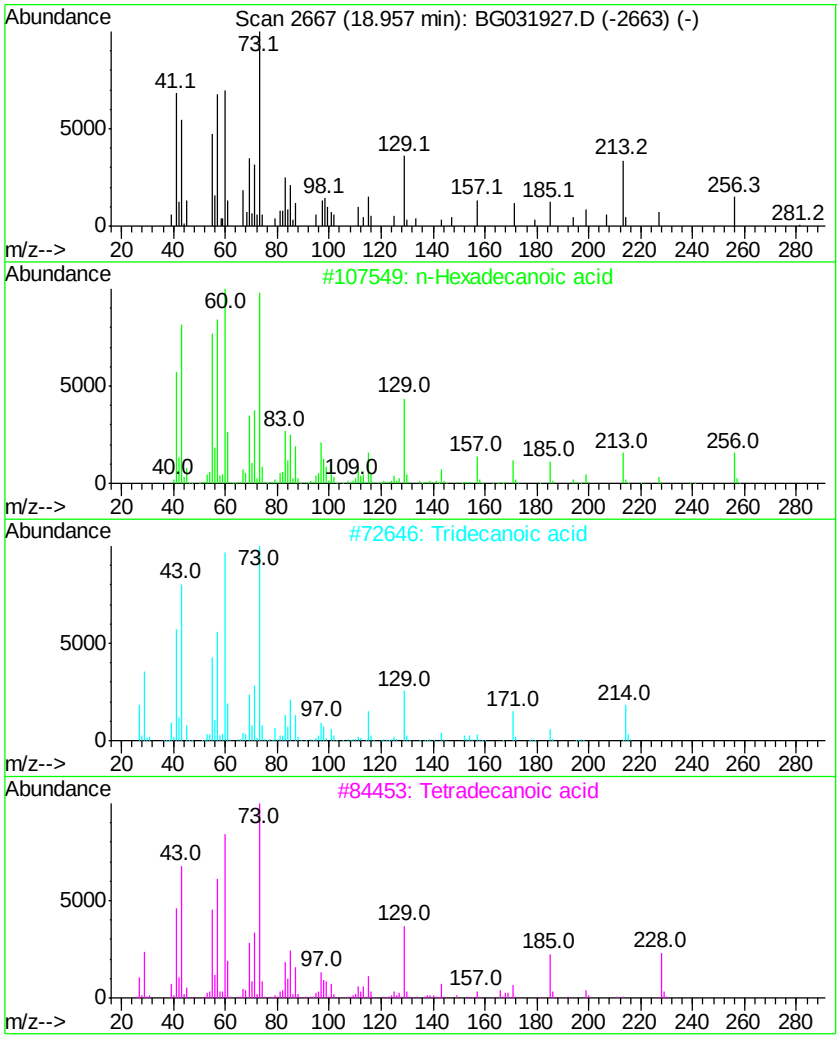
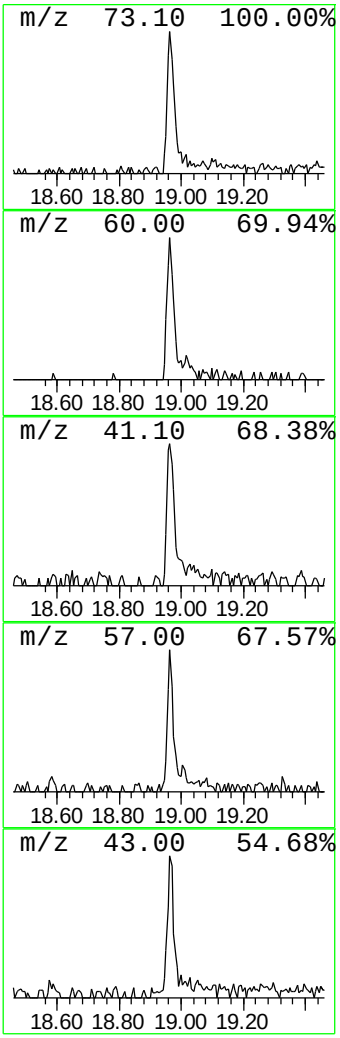
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	2.12 ng	100222	Phenanthrene-d10	18.15

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	42





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.51	3.5	ng	43716	1	8.78	248375	20.0
2-Pentanone, 4-hy...	5.70	8.7	ng	108208	1	8.78	248375	20.0
unknown8.30	8.30	108.2	ng	1343570	1	8.78	248375	20.0
n-Hexadecanoic acid	18.96	2.1	ng	100222	4	18.15	945862	20.0