LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019994.D
Acq On : 7 Dec 2015 23:28
Operator : UM/NP
Sample : G4676-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

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-BG120215.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	5.188	395	400	408	rVB	28510	45041	2.75%	0.612%
2	5.658	473	480	488	rVB	172110	273368	16.68%	3.714%
3	7.256	746	752	763	rBV	121525	201936	12.32%	2.743%
4	7.638	809	817	827	rBV	293650	510419	31.14%	6.935%
5	8.114	891	898	905	rVB	58420	96369	5.88%	1.309%
6	8.437	946	953	962	rVB	258893	438050	26.73%	5.951%
7	9.278	1088	1096	1107	rBV	235726	412740	25.18%	5.607%
8	10.929	1370	1377	1384	rVB	83733	148774	9.08%	2.021%
9	13.367	1784	1792	1799	rBV	683022	1038225	63.35%	14.105%
10	14.742	2019	2026	2035	rVB2	145191	239548	14.62%	3.254%
11	16.222	2271	2278	2290	rVB	576675	851222	51.94%	11.565%
12	16.428	2304	2313	2317	rBV4	13410	24490	1.49%	0.333%
13	17.480	2487	2492	2499	rBV	197363	297629	18.16%	4.044%
14	18.355	2636	2641	2649	rBV2	35358	51015	3.11%	0.693%
15	19.624	2852	2857	2865	rBV2	42758	69006	4.21%	0.938%
16	19.754	2876	2879	2885	rVB	13101	17037	1.04%	0.231%
17	20.083	2929	2935	2941	rBV	1252495	1638878	100.00%	22.266%
18	20.288	2965	2970	2975	rBV2	15830	23505	1.43%	0.319%
19	20.764	3047	3051	3057	rVB	30819	39216	2.39%	0.533%
20	20.841	3059	3064	3072	rVB9	14602	32472	1.98%	0.441%
21	20.976	3084	3087	3091	rBV2	16790	23414	1.43%	0.318%
22	21.029	3092	3096	3099	rVB	32577	40659	2.48%	0.552%
23	21.093	3104	3107	3112	rVB2	16429	21643	1.32%	0.294%
24	21.387	3154	3157	3164	rVB5	11127	20514	1.25%	0.279%
25	21.540	3179	3183	3187	rVB	24041	32856	2.00%	0.446%
26	21.616	3191	3196	3199	rBV3	11703	19749	1.21%	0.268%
27	21.751	3212	3219	3227	rBV	239678	400237	24.42%	5.438%
28	25.036	3767	3778	3794	rVB	125262	352559	21.51%	4.790%

Sum of corrected areas: 7360571

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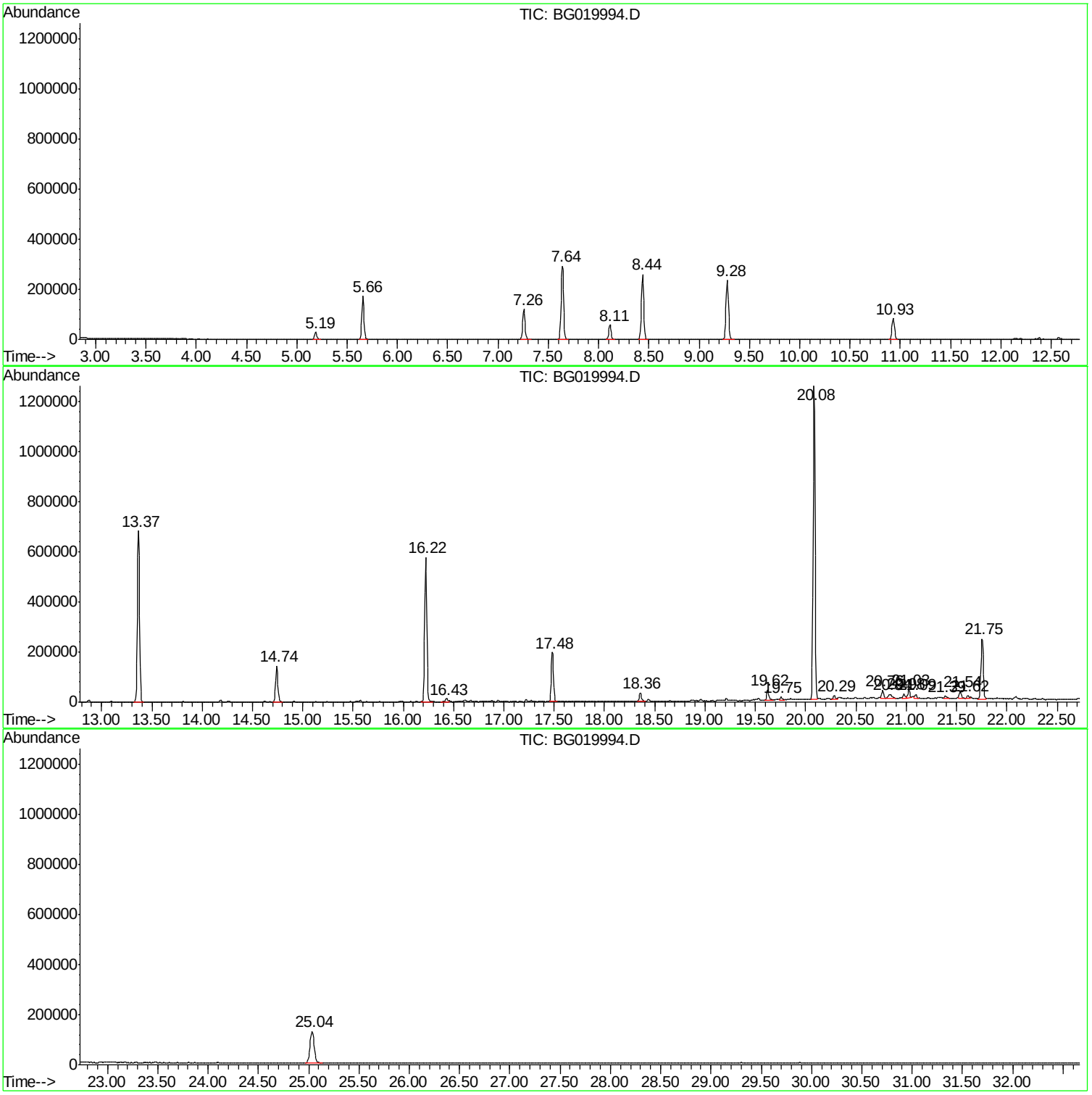
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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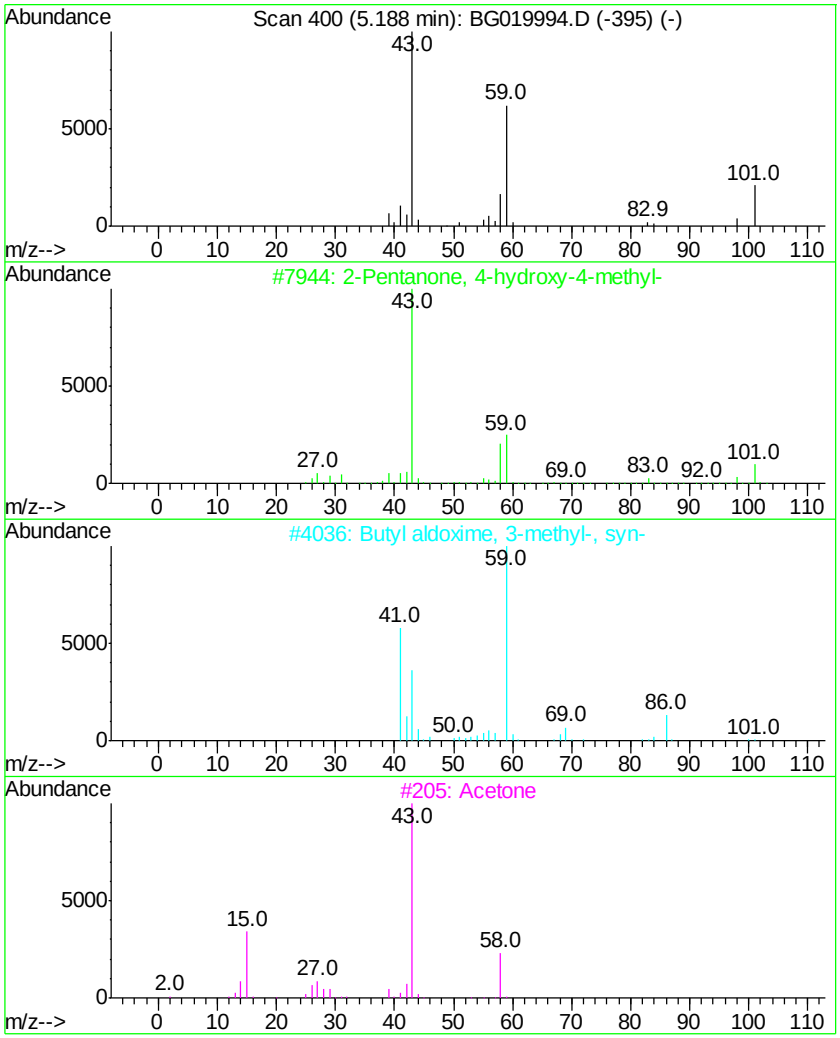
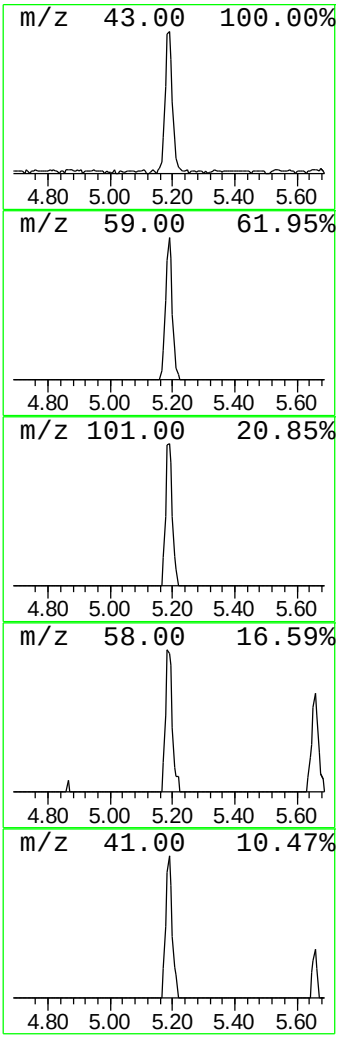
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	9.35 ng	45041	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3	Acetone	58	C3H6O	000067-64-1	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019994.D
Acq On : 7 Dec 2015 23:28
Operator : UM/NP
Sample : G4676-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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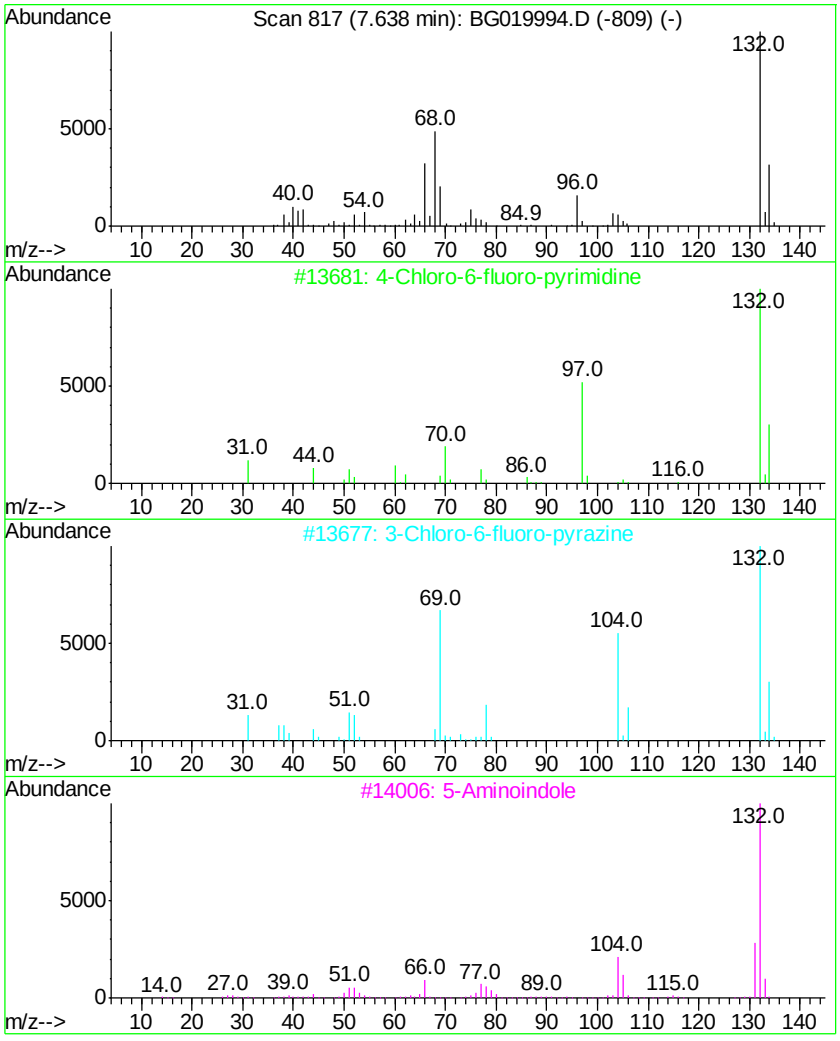
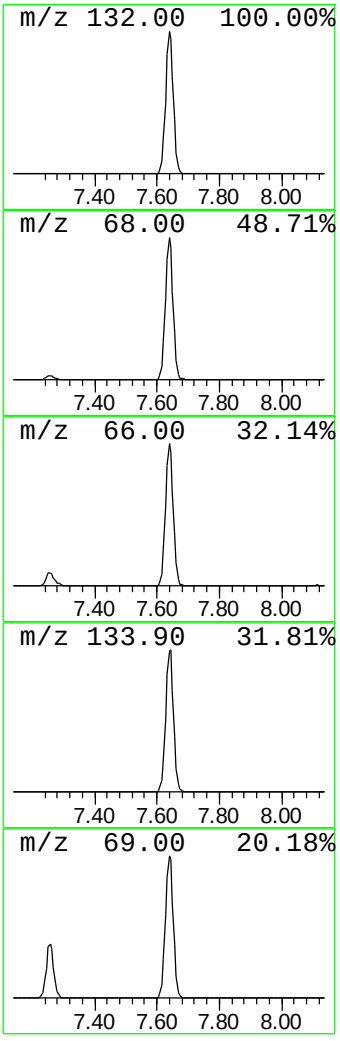
Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	105.93 ng	510419	1,4-Dichlorobenzene-d4	8.11

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	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
Data File : BG019994.D
Acq On : 7 Dec 2015 23:28
Operator : UM/NP
Sample : G4676-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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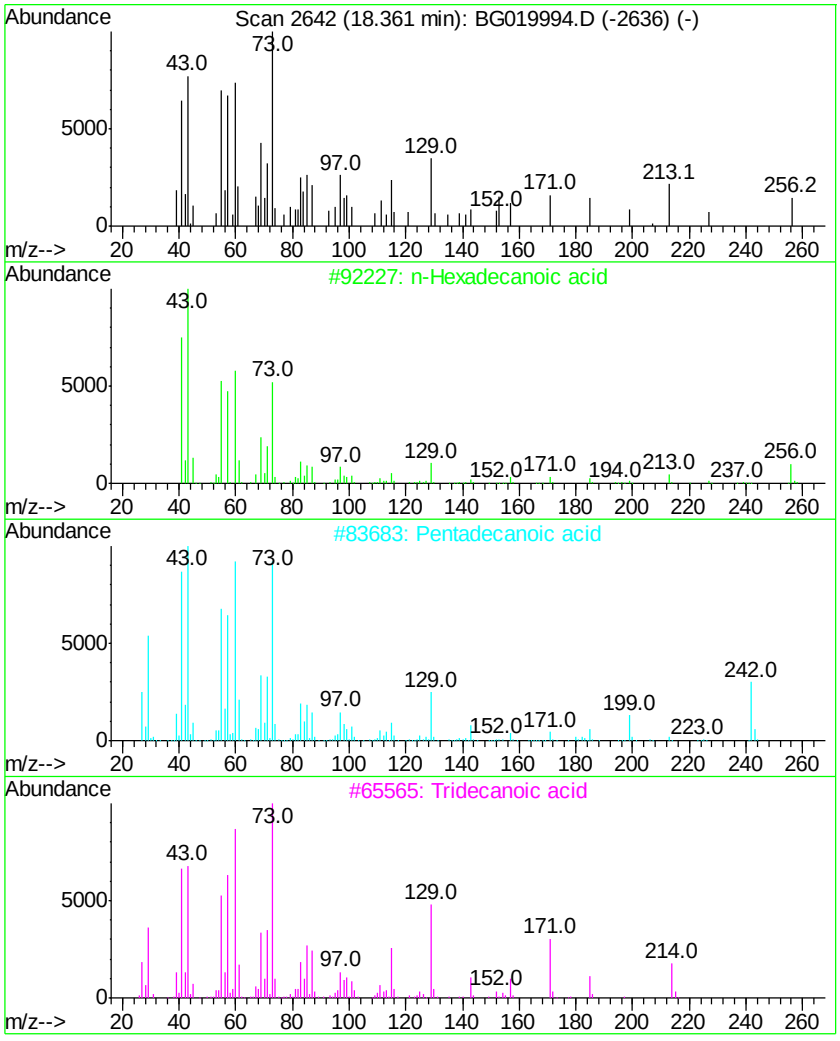
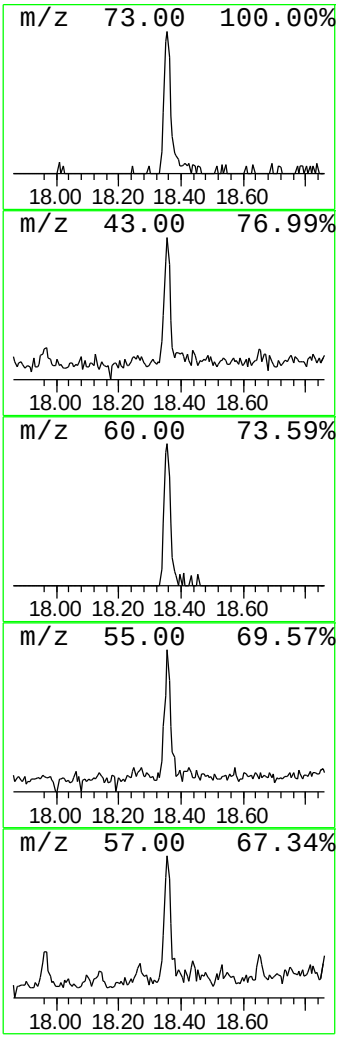
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.43 ng	51015	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	18





Library Search Compound Report

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Operator : UM/NP
Sample : G4676-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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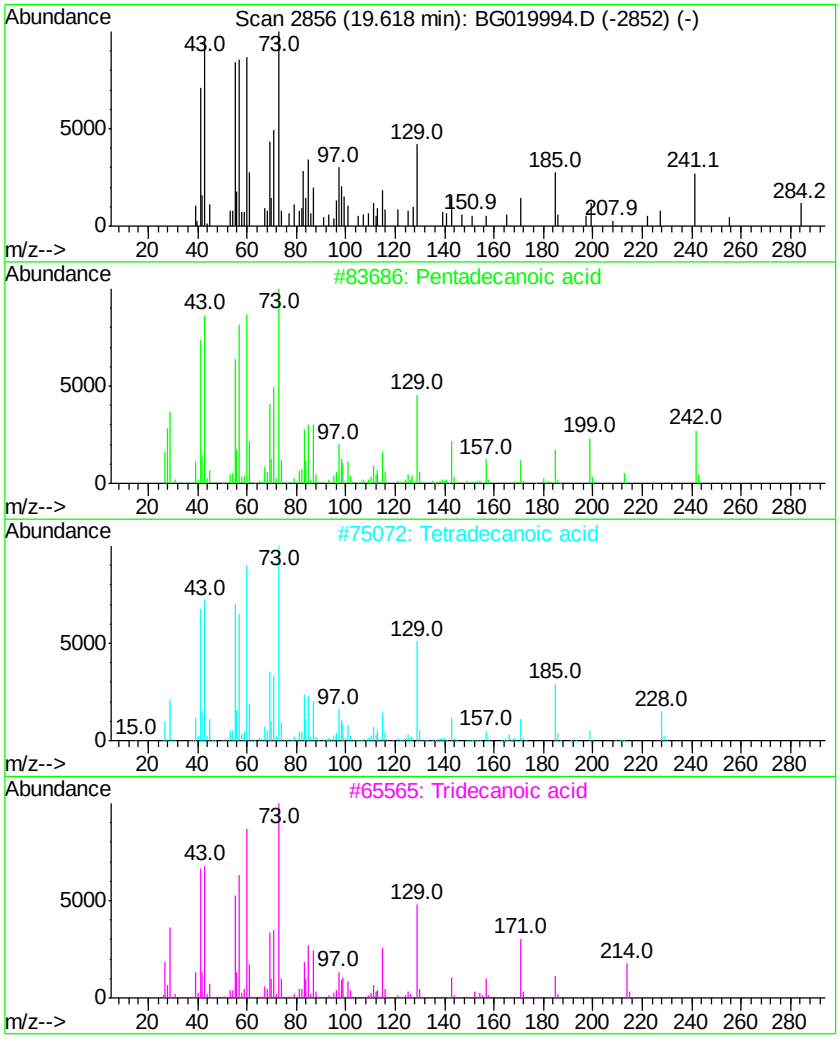
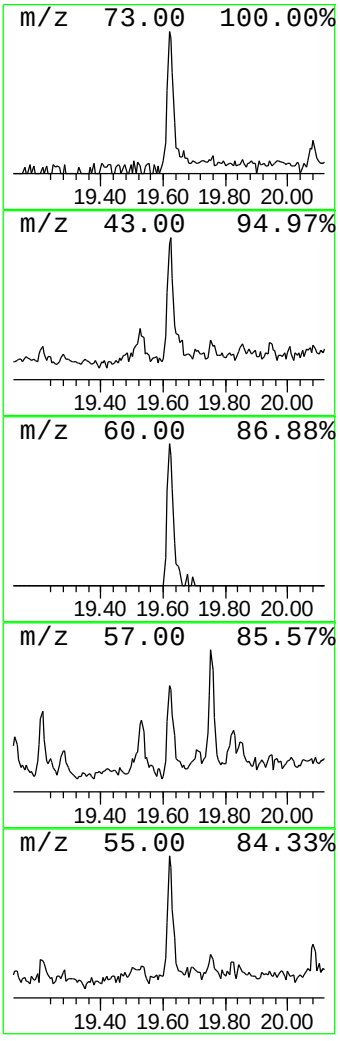
Peak Number 5 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.45 ng	69006	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	Undecanoic acid	186	C11H22O2	000112-37-8	49
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47





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Operator : UM/NP
Sample : G4676-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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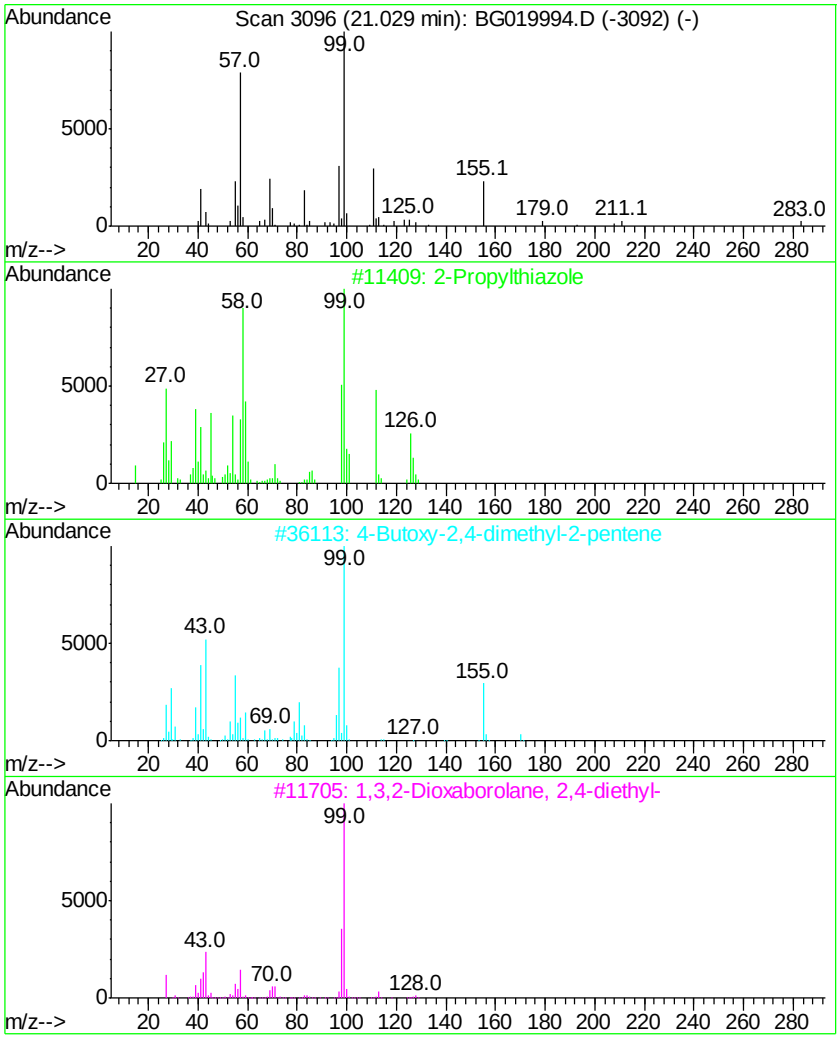
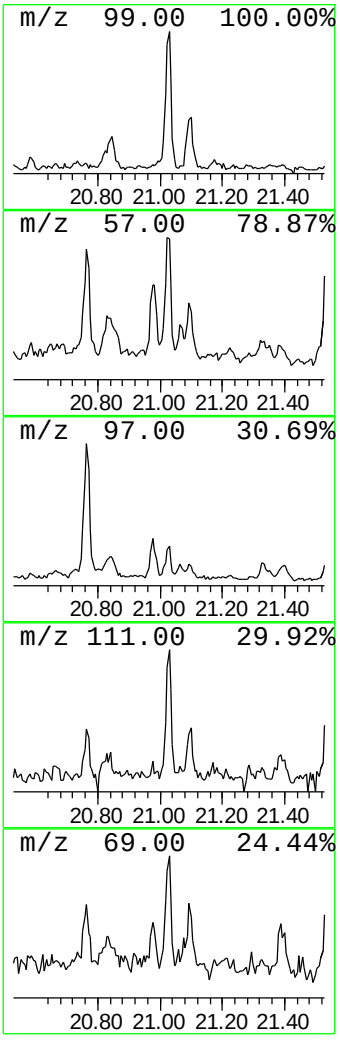
Peak Number 6 unknown21.03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.03 ng	40659	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propylthiazole	127	C6H9NS	017626-75-4	43
2	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	42
3	1,3,2-Dioxaborolane, 2,4-diethyl-	128	C6H13BO2	057633-63-3	37
4	2,4,4-Trimethyl-1-pentyl methylp...	210	C9H20FO2P	333416-06-1	33
5	6,6-Ethylenedioxybicyclo[3.3.1]n...	196	C11H16O3	029927-56-8	32





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
2-Pentanone, 4-hy...	5.19	9.3	ng	45041	1	8.11	96369	20.0
unknown7.64	7.64	105.9	ng	510419	1	8.11	96369	20.0
n-Hexadecanoic acid	18.36	3.4	ng	51015	4	17.48	297629	20.0
Pentadecanoic acid	19.62	3.5	ng	69006	5	21.75	400237	20.0
unknown21.03	21.03	2.0	ng	40659	5	21.75	400237	20.0