LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033753.D
Acq On : 11 Apr 2018 20:02
Operator : SJ/JU
Sample : J2320-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040918-DBRI-E-U-B

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	3.479	25	32	42	rBV	133307	267724	7.49%	2.178%
2	3.567	42	47	57	rVB	115866	186619	5.22%	1.518%
3	5.770	414	422	433	rBV2	20127	42735	1.19%	0.348%
4	6.287	504	510	519	rBV2	90151	205769	5.75%	1.674%
5	7.973	791	797	810	rBV2	47398	137793	3.85%	1.121%
6	8.367	857	864	877	rBV	227679	499156	13.96%	4.061%
7	8.855	940	947	958	rBV2	66315	162076	4.53%	1.319%
8	9.190	996	1004	1022	rBV	395027	802979	22.45%	6.533%
9	10.053	1145	1151	1167	rBV	278808	666024	18.62%	5.418%
10	11.740	1430	1438	1448	rBV2	103599	233341	6.52%	1.898%
11	14.102	1828	1840	1861	rBV	969096	1716192	47.99%	13.962%
12	14.889	1969	1974	1984	rVB	34106	53136	1.49%	0.432%
13	15.471	2067	2073	2087	rVB2	213057	386206	10.80%	3.142%
14	16.240	2199	2204	2209	rVB3	28237	39341	1.10%	0.320%
15	16.687	2276	2280	2285	rBV2	26951	37209	1.04%	0.303%
16	16.945	2317	2324	2337	rBV	572994	1013570	28.34%	8.246%
17	17.092	2345	2349	2357	rVB2	21612	40517	1.13%	0.330%
18	18.203	2531	2538	2550	rBV2	351449	602826	16.86%	4.904%
19	19.002	2670	2674	2682	rBV2	25814	44293	1.24%	0.360%
20	20.723	2961	2967	2981	rBV	2674233	3576187	100.00%	29.094%
21	22.063	3187	3195	3206	rBV4	52466	118556	3.32%	0.965%
22	22.550	3271	3278	3287	rBV	366592	733993	20.52%	5.971%
23	26.305	3905	3917	3933	rBV	201700	725536	20.29%	5.903%

Sum of corrected areas: 12291778

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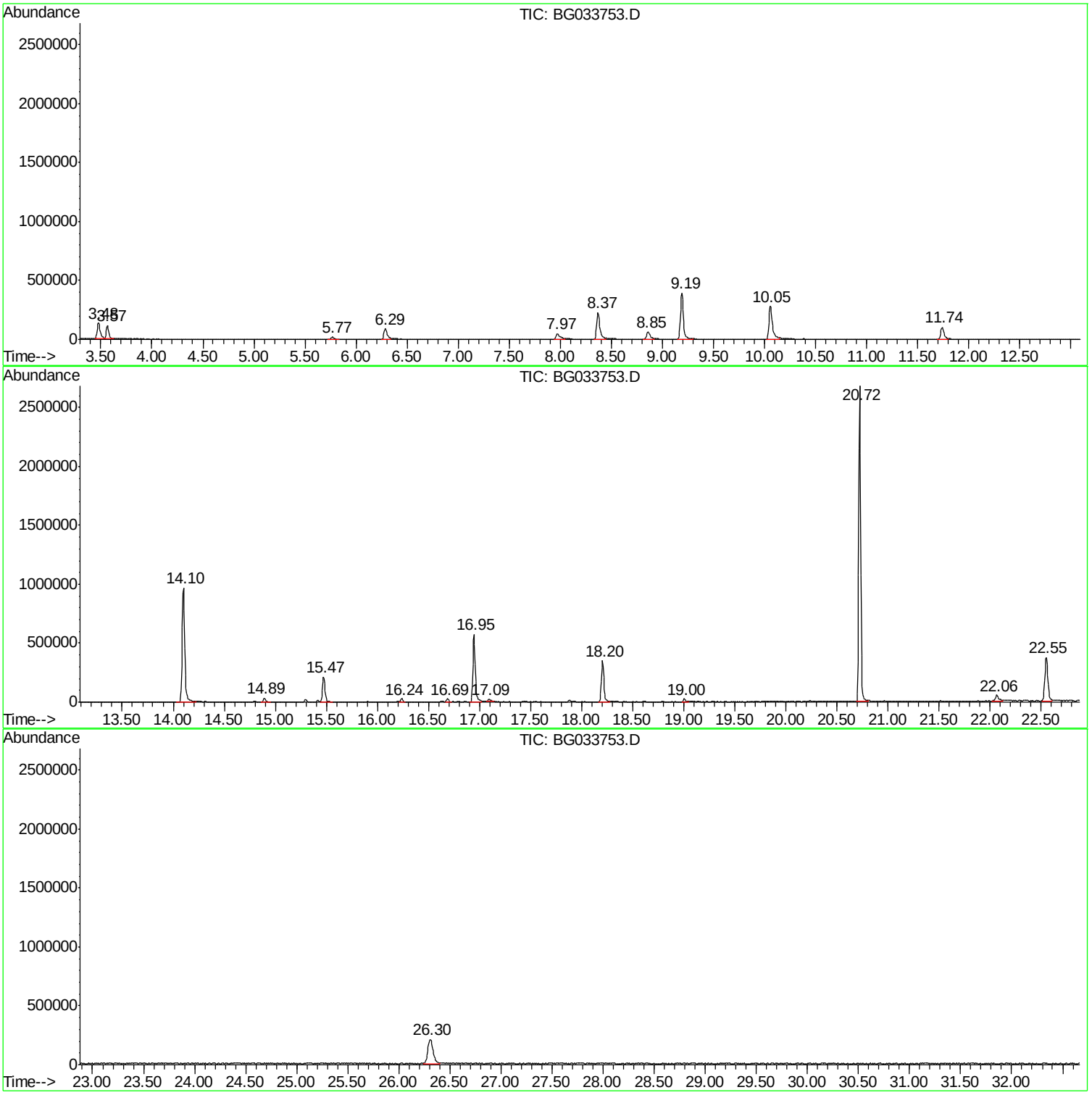
Instrument :
BNA_G
ClientSampleId :
040918-DBRI-E-U-B

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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Instrument : BNA_G
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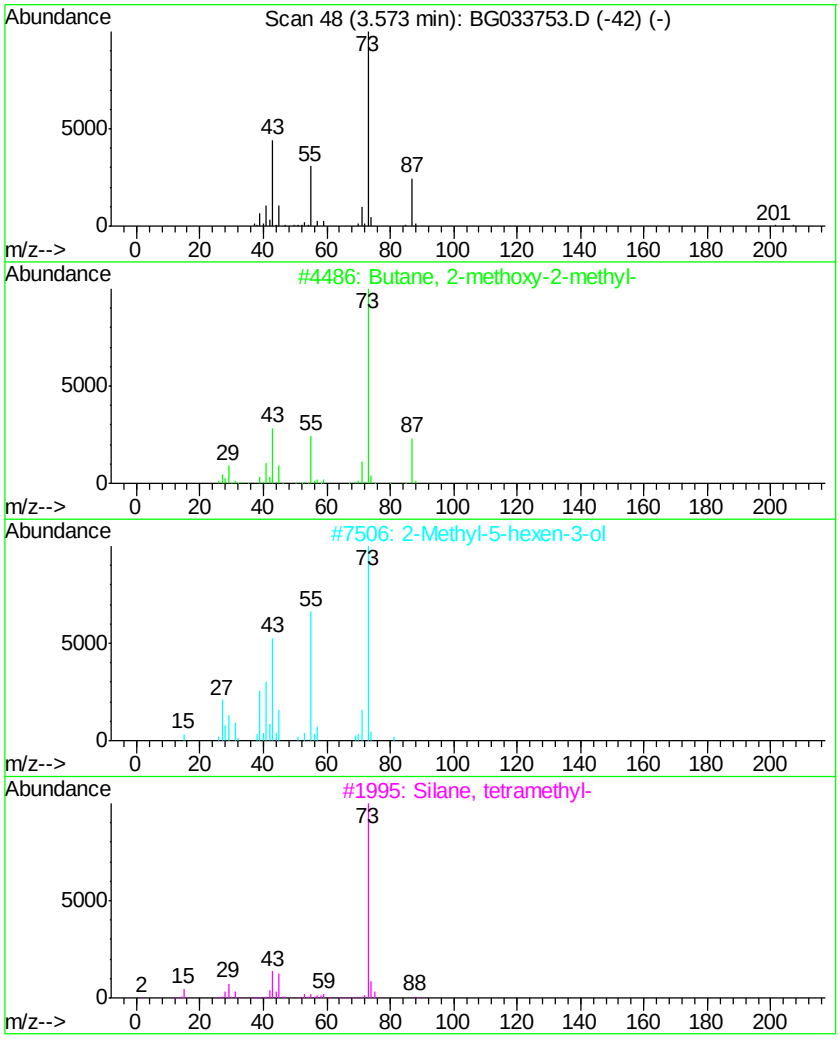
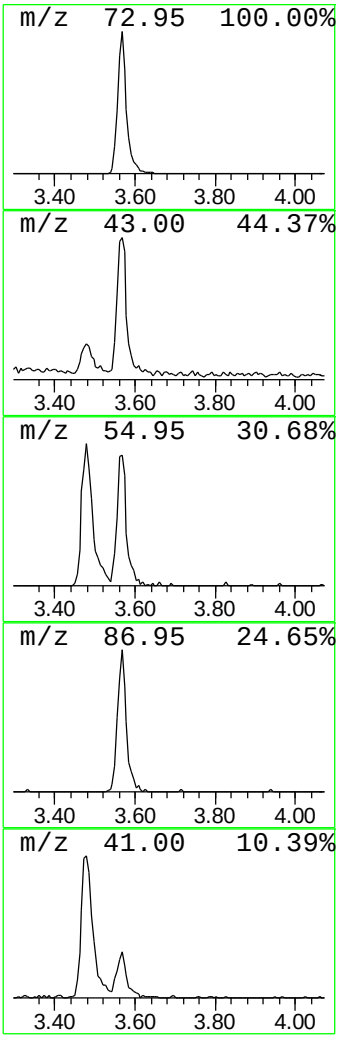
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	23.03 ng	186619	1,4-Dichlorobenzene-d4	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
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Sample : J2320-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040918-DBRI-E-U-B

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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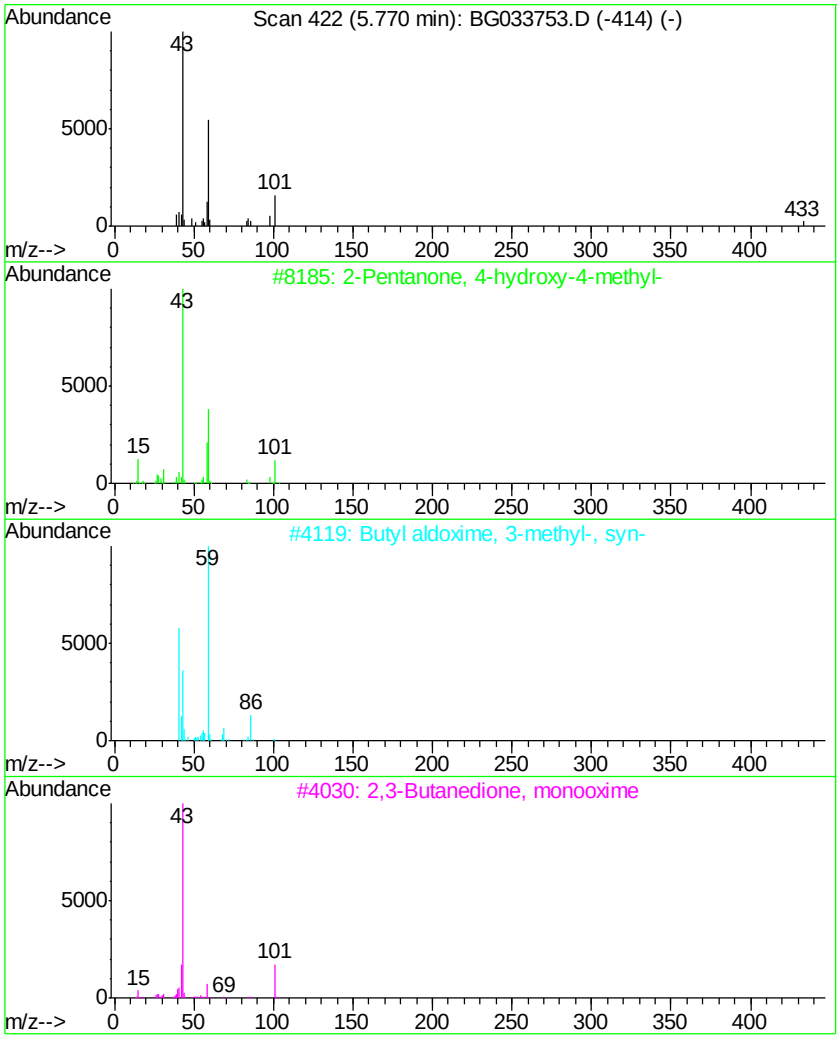
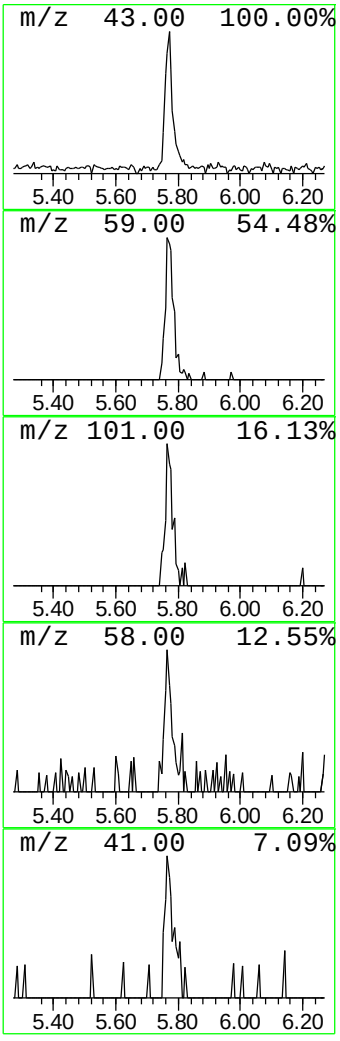
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	5.27 ng	42735	1,4-Dichlorobenzene-d4	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9





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Instrument : BNA_G
ClientSampleId : 040918-DBRI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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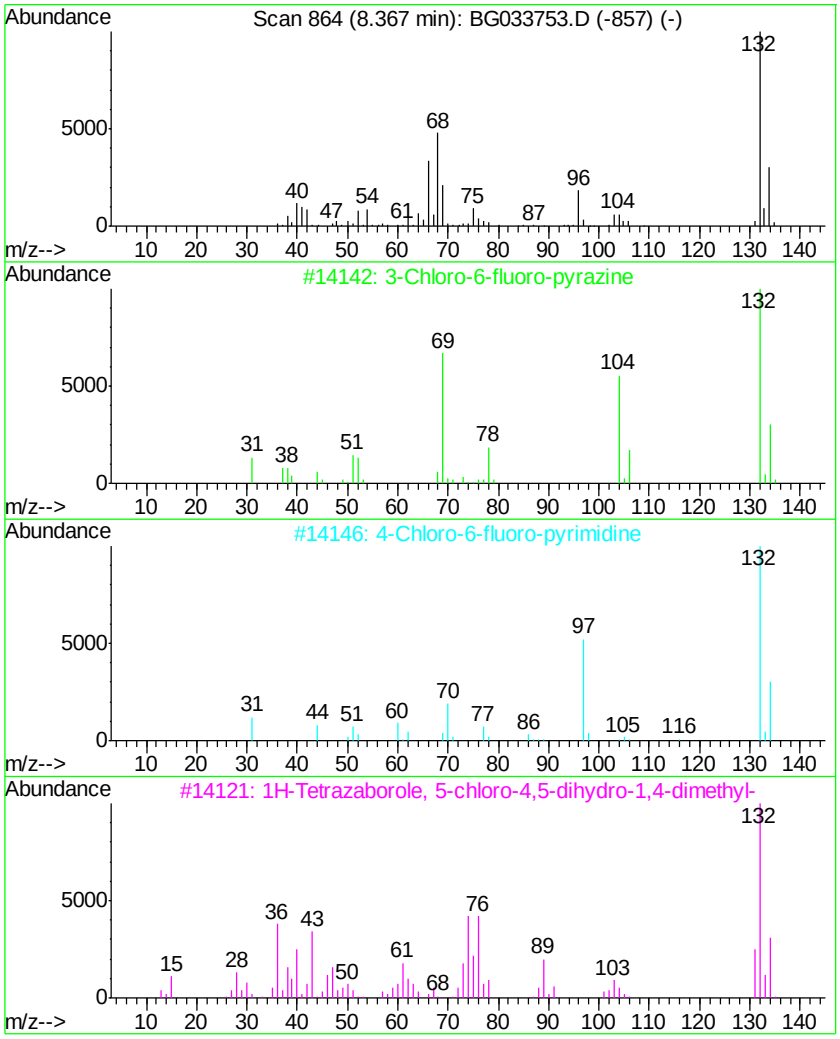
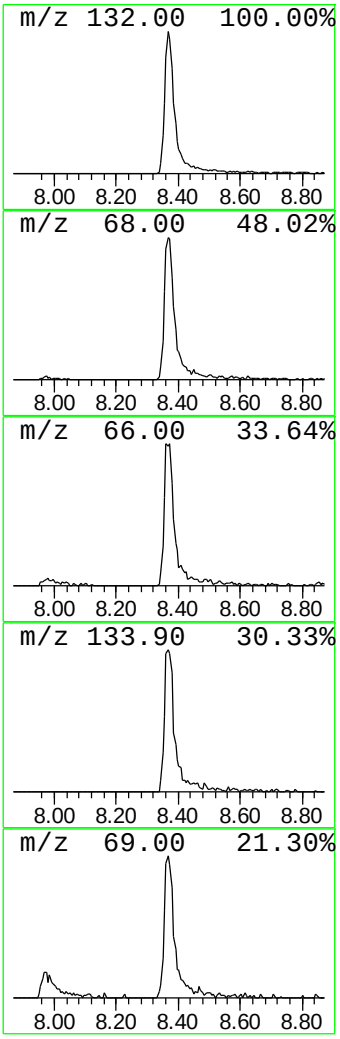
Peak Number 4 unknown8.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	61.60 ng	499156	1,4-Dichlorobenzene-d4	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	25
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22





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ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040918-DBRI-E-U-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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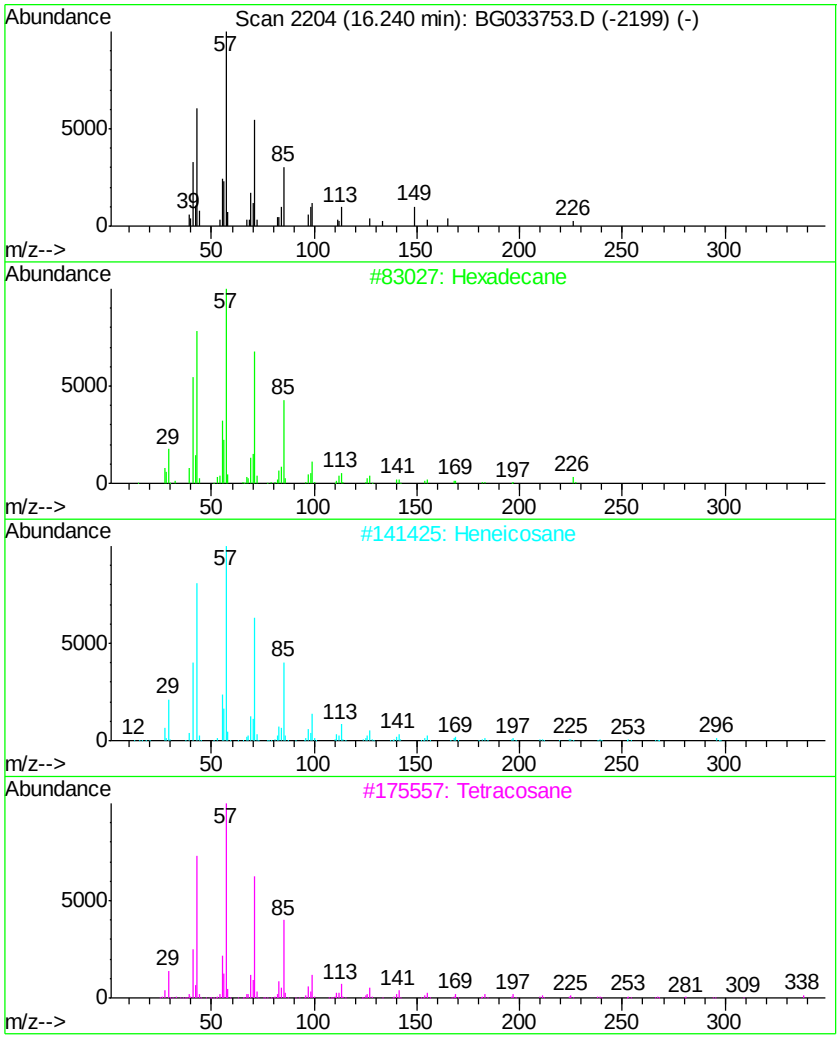
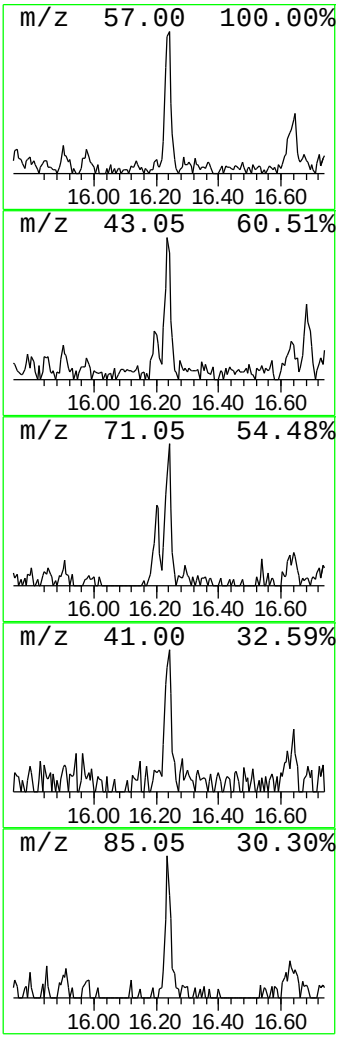
Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.04 ng	39341	Acenaphthene-d10	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heneicosane	296	C21H44	000629-94-7	72
3	Tetracosane	338	C24H50	000646-31-1	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64





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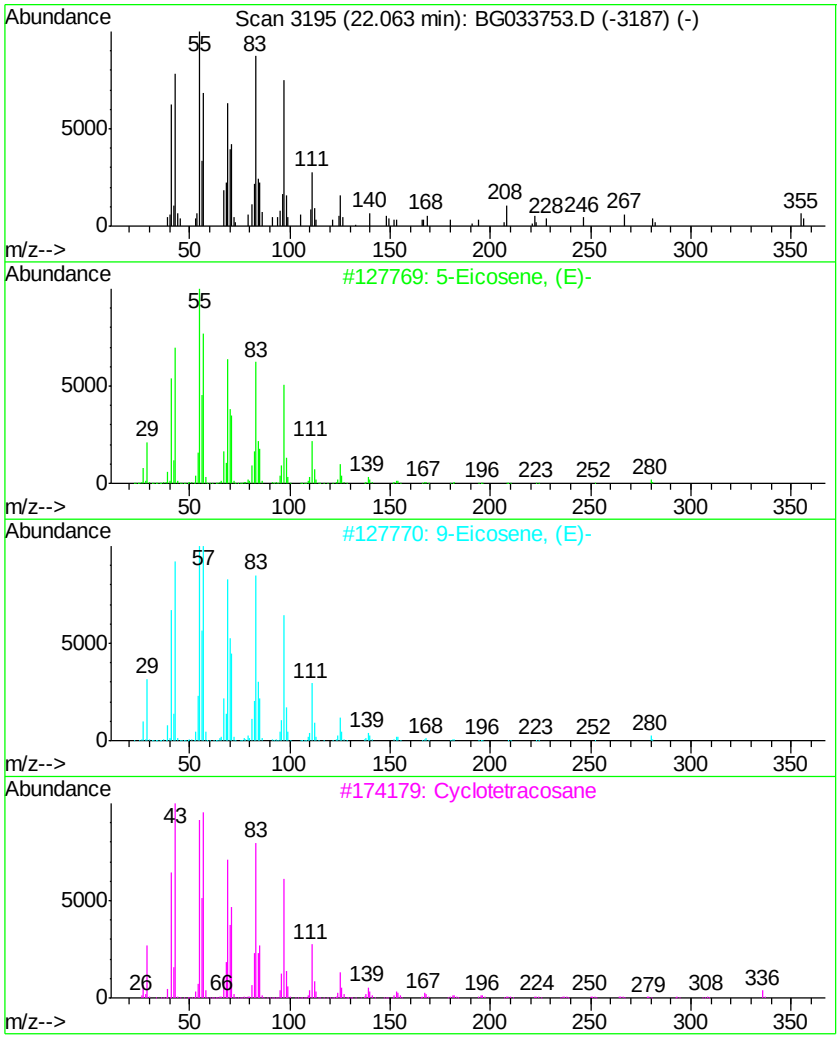
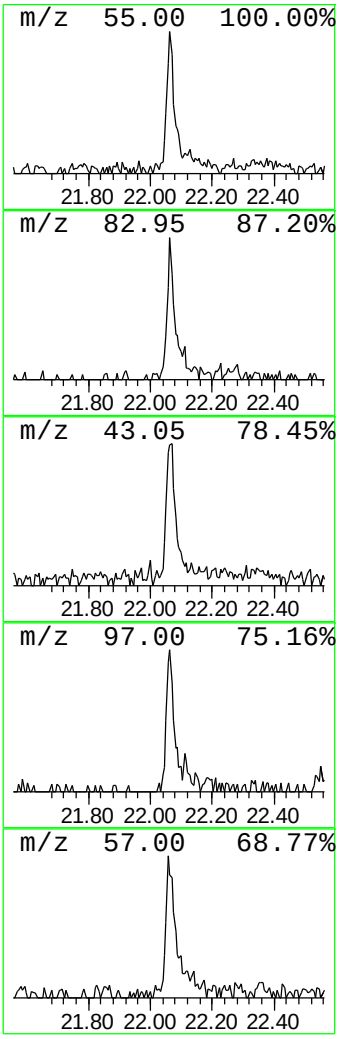
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.06	3.23 ng	118556	Chrysene-d12	22.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
3	Cyclotetracosane	336	C24H48	000297-03-0	87
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	87
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.57	23.0	ng	186619	1	8.85	162076	20.0
2-Pentanone, 4-hy...	5.77	5.3	ng	42735	1	8.85	162076	20.0
unknown8.37	8.37	61.6	ng	499156	1	8.85	162076	20.0
Hexadecane	16.24	2.0	ng	39341	3	15.47	386206	20.0
5-Eicosene, (E)-	22.06	3.2	ng	118556	5	22.54	733993	20.0