LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019887.D
Acq On : 4 Dec 2015 1:51
Operator : UM/NP
Sample : G4598-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 113015-A263-F-D-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-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	3.140	45	51	60	rBV	70264	129831	4.47%	1.144%
2	3.216	60	64	79	rVB	170809	257845	8.89%	2.272%
3	5.196	395	401	407	rBV	30380	44716	1.54%	0.394%
4	5.660	473	480	491	rBV	154581	242544	8.36%	2.137%
5	7.258	746	752	762	rVB	106785	182802	6.30%	1.611%
6	7.646	811	818	826	rVB	302085	492634	16.98%	4.341%
7	8.122	890	899	905	rBV	92011	157828	5.44%	1.391%
8	8.445	946	954	964	rVB	394121	675136	23.27%	5.949%
9	9.285	1089	1097	1105	rVB	338503	620757	21.39%	5.469%
10	10.942	1370	1379	1387	rVB	133763	242153	8.35%	2.134%
11	13.381	1786	1794	1802	rBV	1097673	1699235	58.57%	14.972%
12	14.197	1928	1933	1939	rBV	23037	30925	1.07%	0.272%
13	14.750	2019	2027	2035	rBV2	250004	396658	13.67%	3.495%
14	16.230	2272	2279	2288	rBV	648690	954752	32.91%	8.412%
15	17.494	2487	2494	2500	rBV	357604	525210	18.10%	4.628%
16	17.864	2551	2557	2562	rBV	52944	72822	2.51%	0.642%
17	18.369	2638	2643	2650	rBV3	33822	50743	1.75%	0.447%
18	19.227	2783	2789	2798	rBV	233592	294978	10.17%	2.599%
19	19.638	2856	2859	2864	rBV3	26943	36400	1.25%	0.321%
20	20.096	2931	2937	2943	rBV	2215967	2901413	100.00%	25.564%
21	20.725	3040	3044	3050	rVB2	27291	35498	1.22%	0.313%
22	21.407	3156	3160	3166	rBV7	17500	29386	1.01%	0.259%
23	21.771	3215	3222	3228	rBV	393248	664431	22.90%	5.854%
24	25.061	3771	3782	3793	rVB2	213774	610745	21.05%	5.381%

Sum of corrected areas: 11349442

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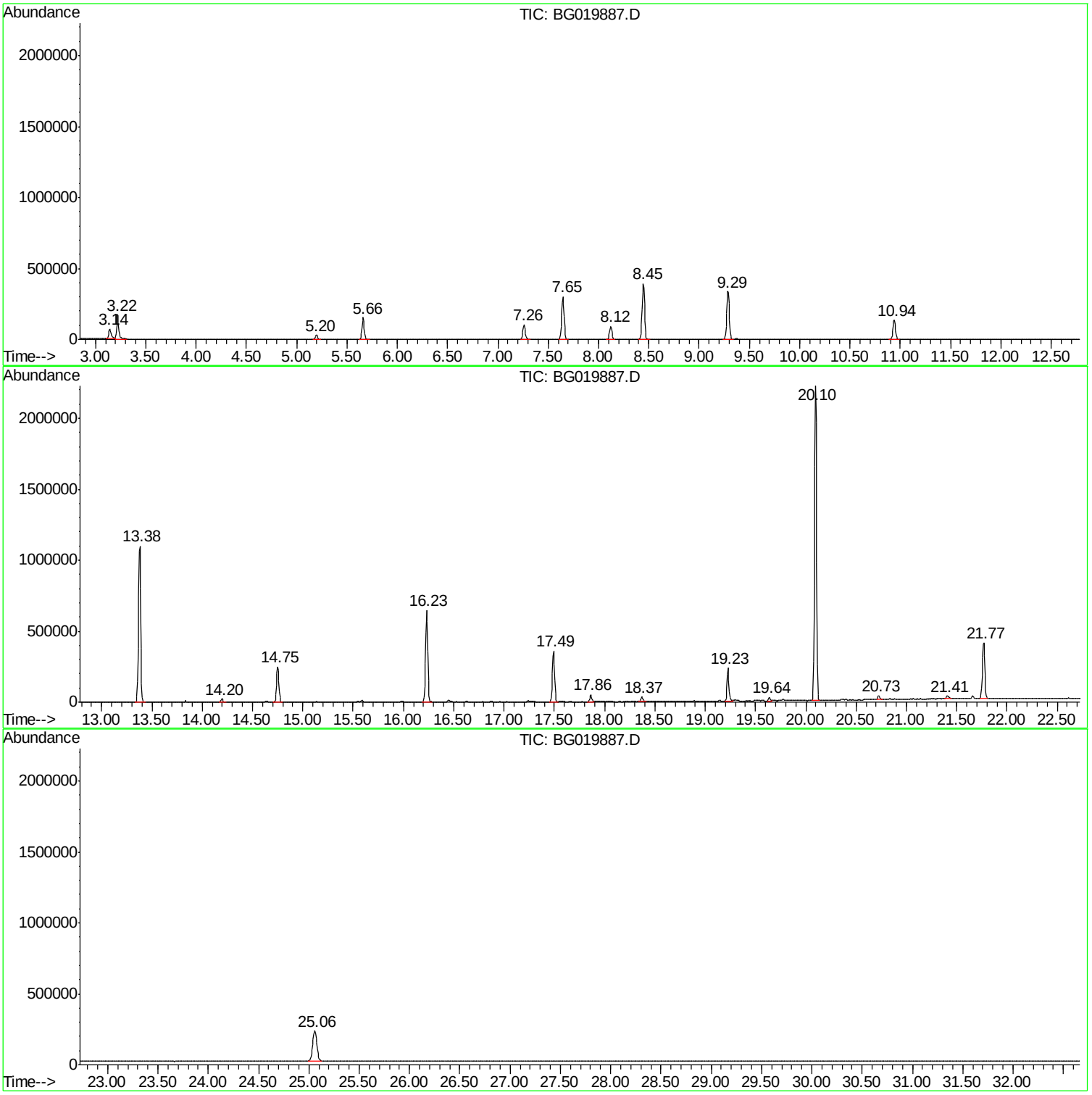
Instrument :
BNA_G
ClientSampleId :
113015-A263-F-D-B

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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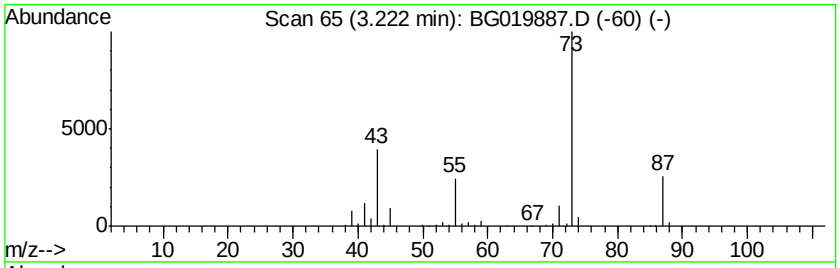
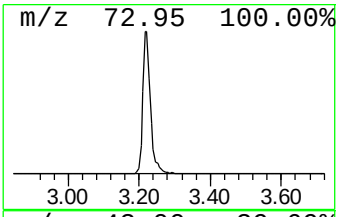
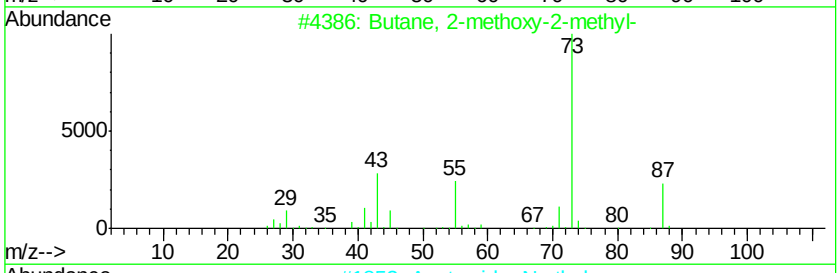
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

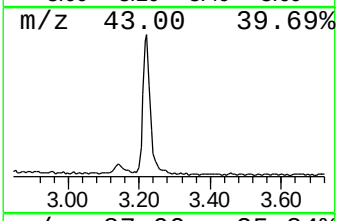
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	32.67 ng	257845	1,4-Dichlorobenzene-d4	8.12

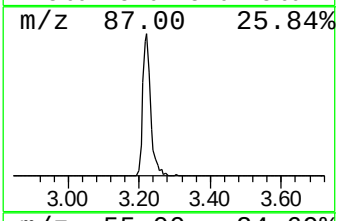
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

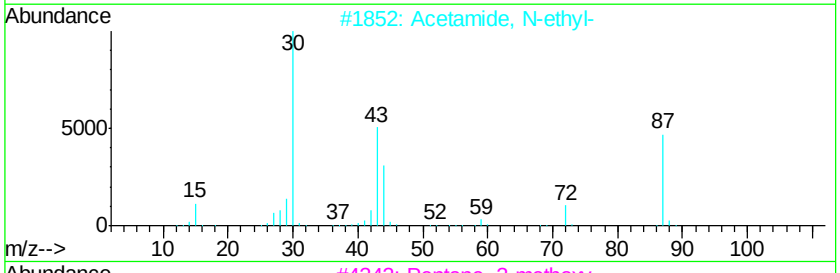


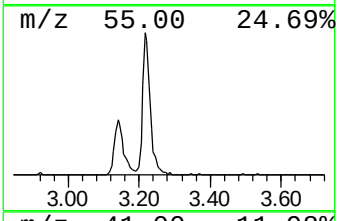


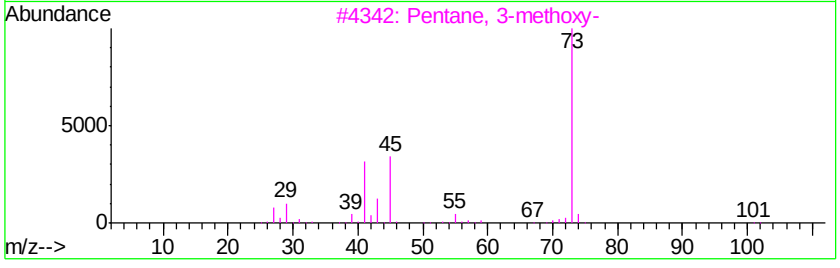


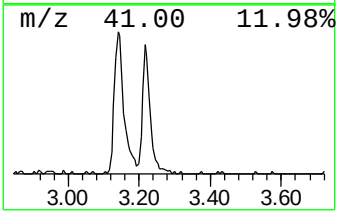












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Instrument : BNA_G
ClientSampleId : 113015-A263-F-D-B

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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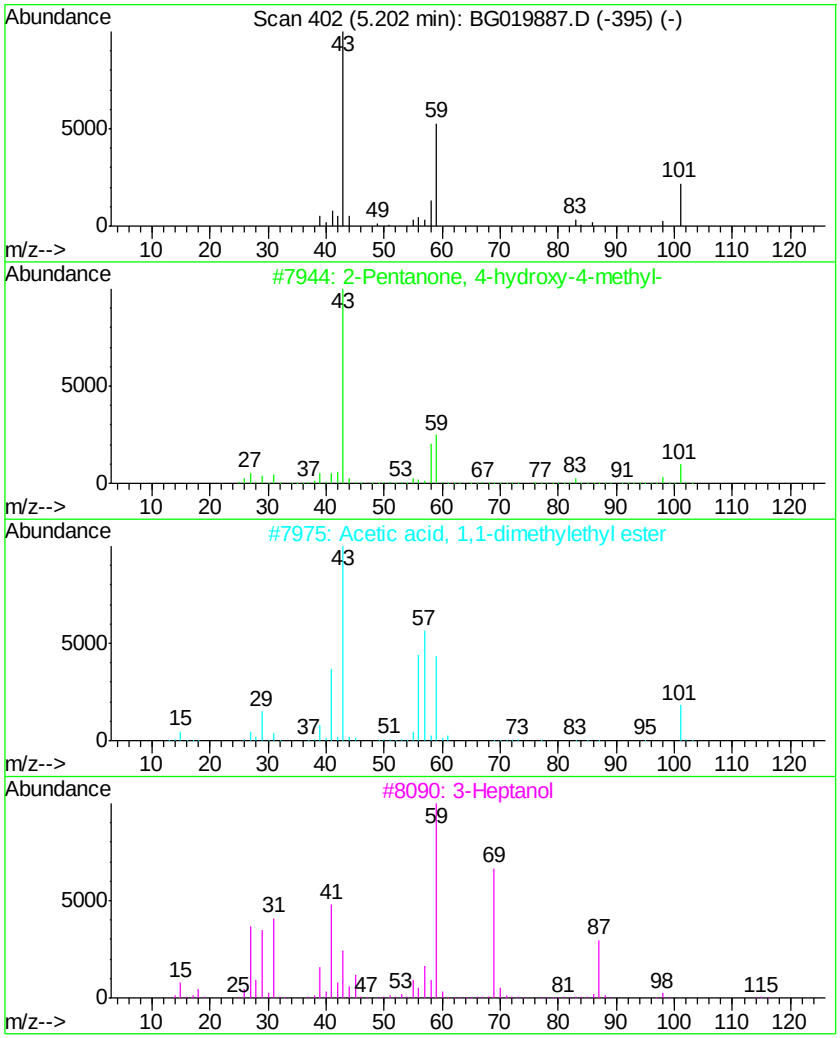
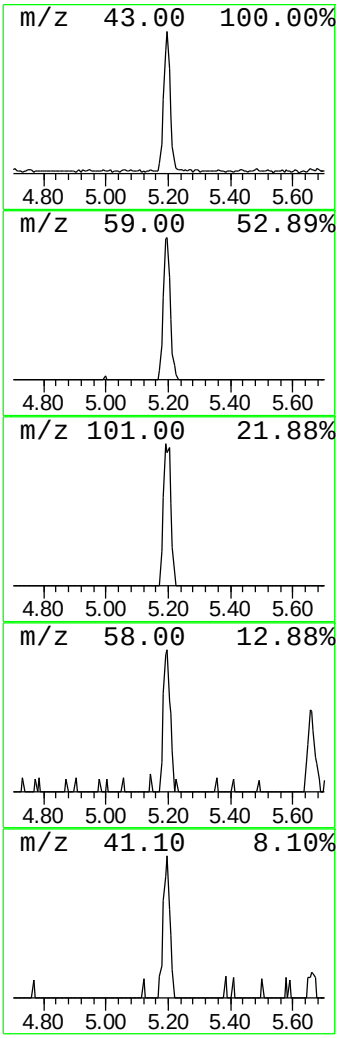
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	5.67 ng	44716	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Heptanol	116	C7H16O	000589-82-2	25
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





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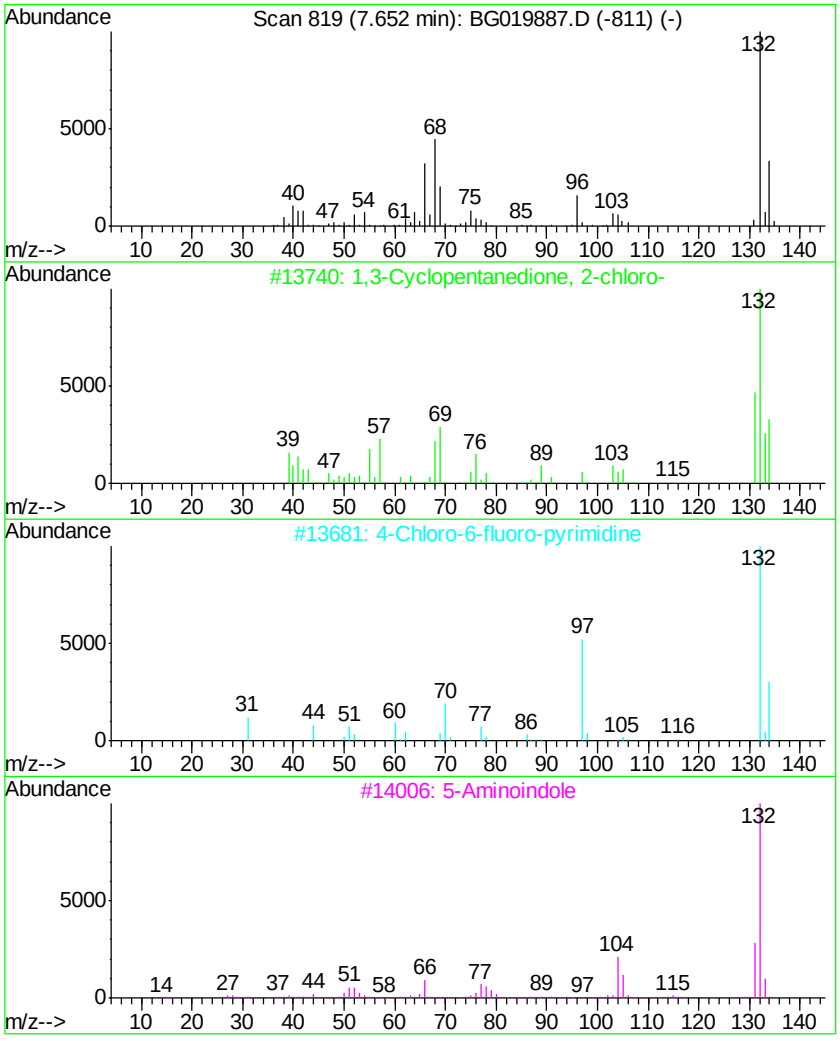
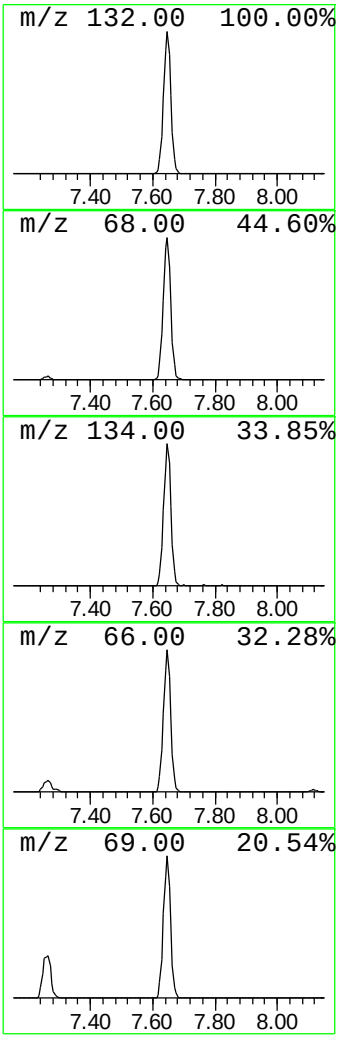
****

Peak Number 4 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	62.43 ng	492634	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 113015-A263-F-D-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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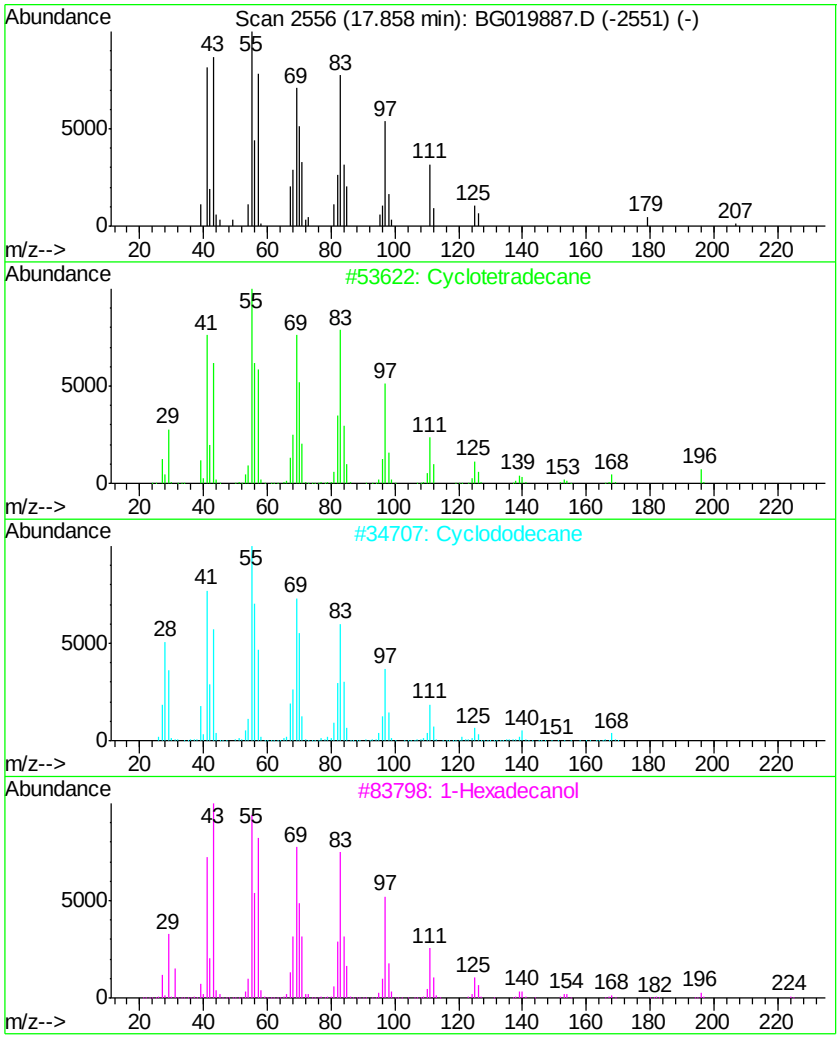
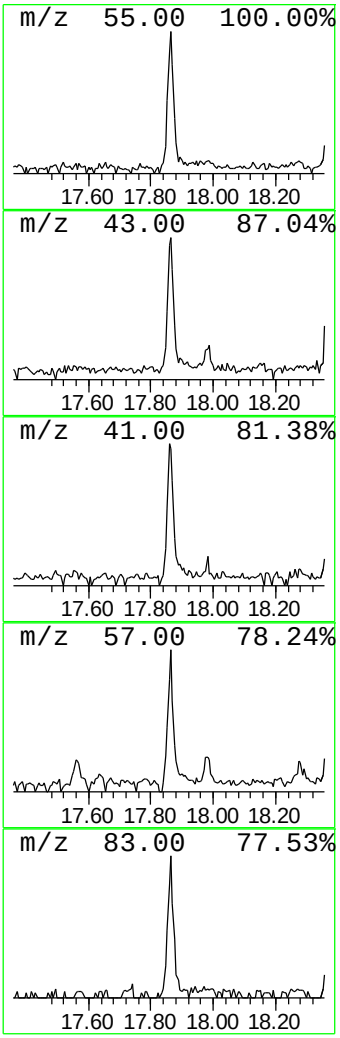
****

Peak Number 6 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	2.77 ng	72822	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	Cyclododecane	168	C12H24	000294-62-2	96
3	1-Hexadecanol	242	C16H34O	036653-82-4	95
4	2-Tetradecene, (E)-	196	C14H28	035953-53-8	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId : 113015-A263-F-D-B

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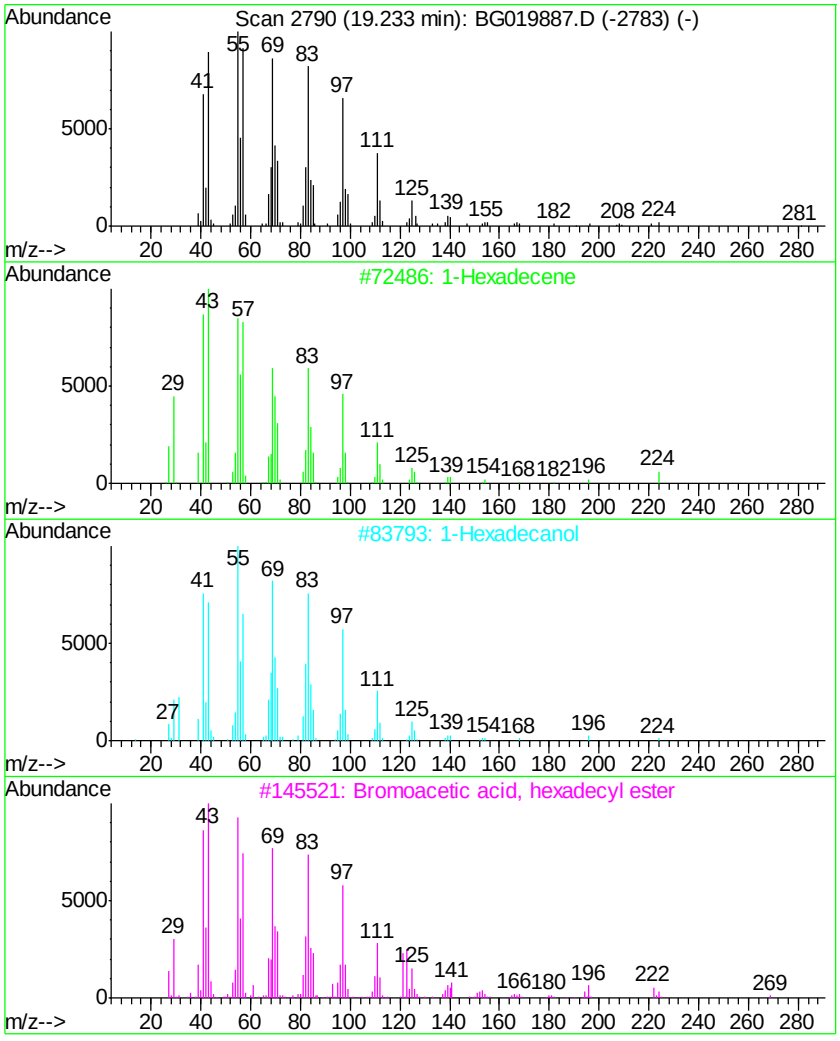
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

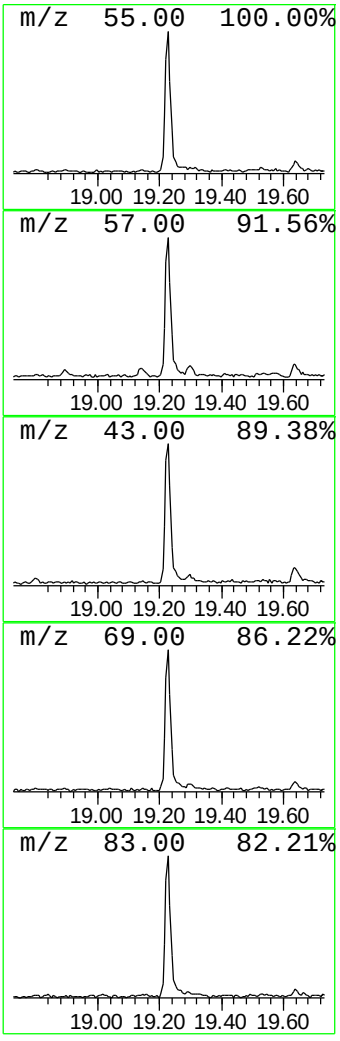
****

Peak Number 7 1-Hexadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	11.23 ng	294978	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	98
2	1-Hexadecanol	242	C16H34O	036653-82-4	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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...	3.22	32.7	ng	257845	1	8.12	157828	20.0
2-Pentanone, 4-hy...	5.20	5.7	ng	44716	1	8.12	157828	20.0
unknown7.65	7.65	62.4	ng	492634	1	8.12	157828	20.0
Cyclotetradecane	17.86	2.8	ng	72822	4	17.49	525210	20.0
1-Hexadecene	19.23	11.2	ng	294978	4	17.49	525210	20.0