LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042016\
Data File : BG021770.D
Acq On : 20 Apr 2016 00:56
Operator : UM/SJ
Sample : H2569-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LCF-EW1

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-BG041316.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	3.096	38	44	66	rVB	1542051	2282702	100.00%	18.812%
2	5.288	411	417	422	rBV	28337	44044	1.93%	0.363%
3	5.758	490	497	508	rVB	381069	620904	27.20%	5.117%
4	7.362	762	770	779	rBV	412526	731470	32.04%	6.028%
5	7.744	827	835	843	rVB	385734	685432	30.03%	5.649%
6	8.208	908	914	921	rBV	86648	148587	6.51%	1.225%
7	8.537	962	970	979	rBV	282279	492026	21.55%	4.055%
8	9.377	1105	1113	1125	rVB	255717	462447	20.26%	3.811%
9	11.028	1386	1394	1403	rVB	134501	241747	10.59%	1.992%
10	13.449	1799	1806	1816	rVB	737827	1142709	50.06%	9.417%
11	14.259	1936	1944	1950	rBV	103976	155022	6.79%	1.278%
12	14.818	2033	2039	2049	rVB2	227546	375967	16.47%	3.098%
13	15.634	2174	2178	2183	rVB2	27611	35365	1.55%	0.291%
14	16.298	2285	2291	2300	rVB	575617	878454	38.48%	7.239%
15	16.492	2319	2324	2335	rBV	32339	56206	2.46%	0.463%
16	17.279	2454	2458	2462	rBV	23460	29150	1.28%	0.240%
17	17.556	2495	2505	2512	rBV	293257	453897	19.88%	3.741%
18	18.255	2618	2624	2629	rBV	160557	235021	10.30%	1.937%
19	20.141	2939	2945	2951	rBV	1231986	1570539	68.80%	12.943%
20	20.423	2989	2993	2998	rVB	20050	25089	1.10%	0.207%
21	20.916	3073	3077	3083	rVB	25090	35570	1.56%	0.293%
22	21.433	3159	3165	3184	rBV	214873	346017	15.16%	2.852%
23	21.827	3225	3232	3238	rBV	315721	534206	23.40%	4.402%
24	22.003	3258	3262	3268	rVB3	13757	23398	1.03%	0.193%
25	25.158	3788	3799	3814	rVB2	173145	528494	23.15%	4.355%

Sum of corrected areas: 12134463

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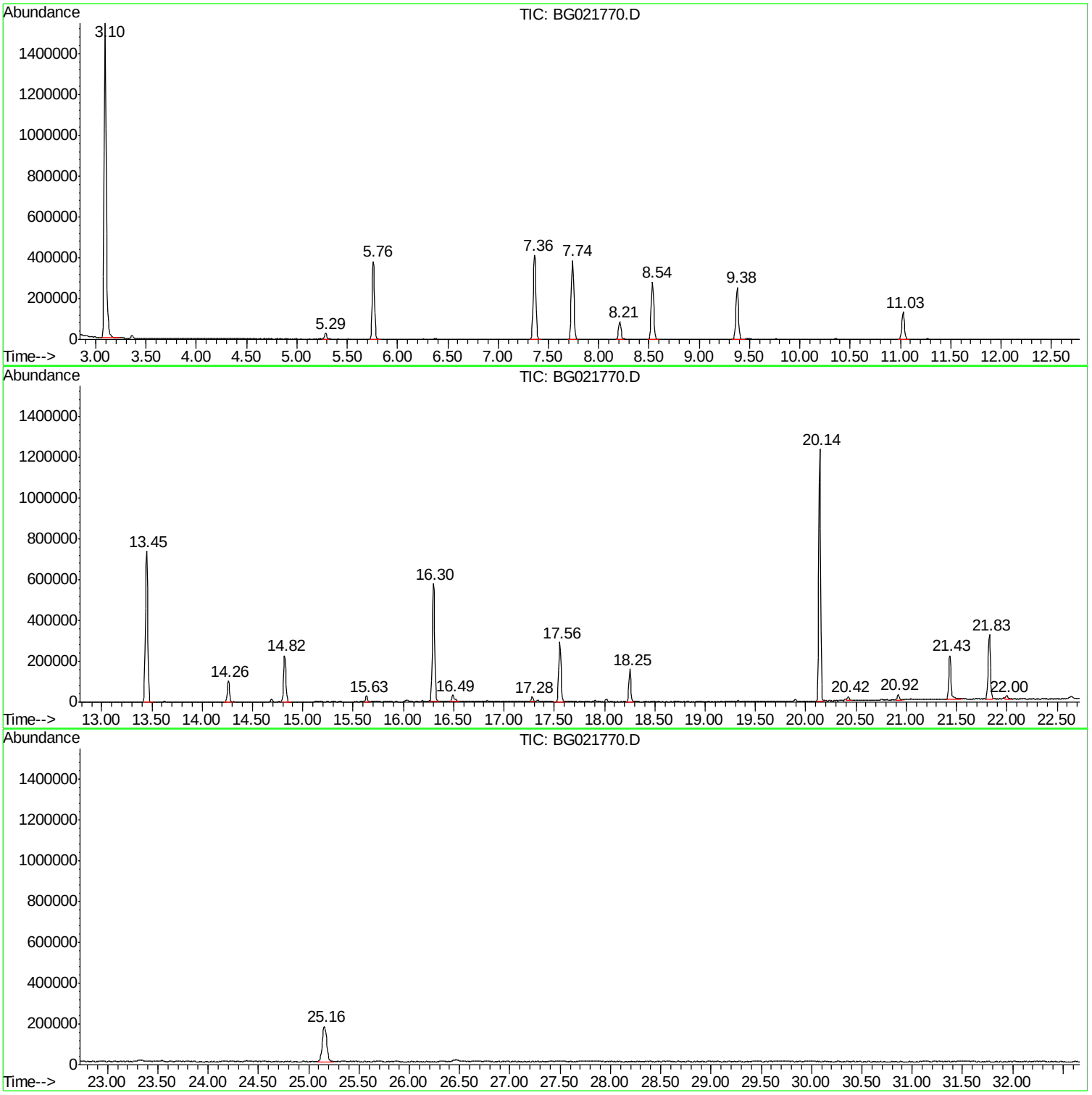
Instrument : BNA_G
ClientSampleId : LCF-EW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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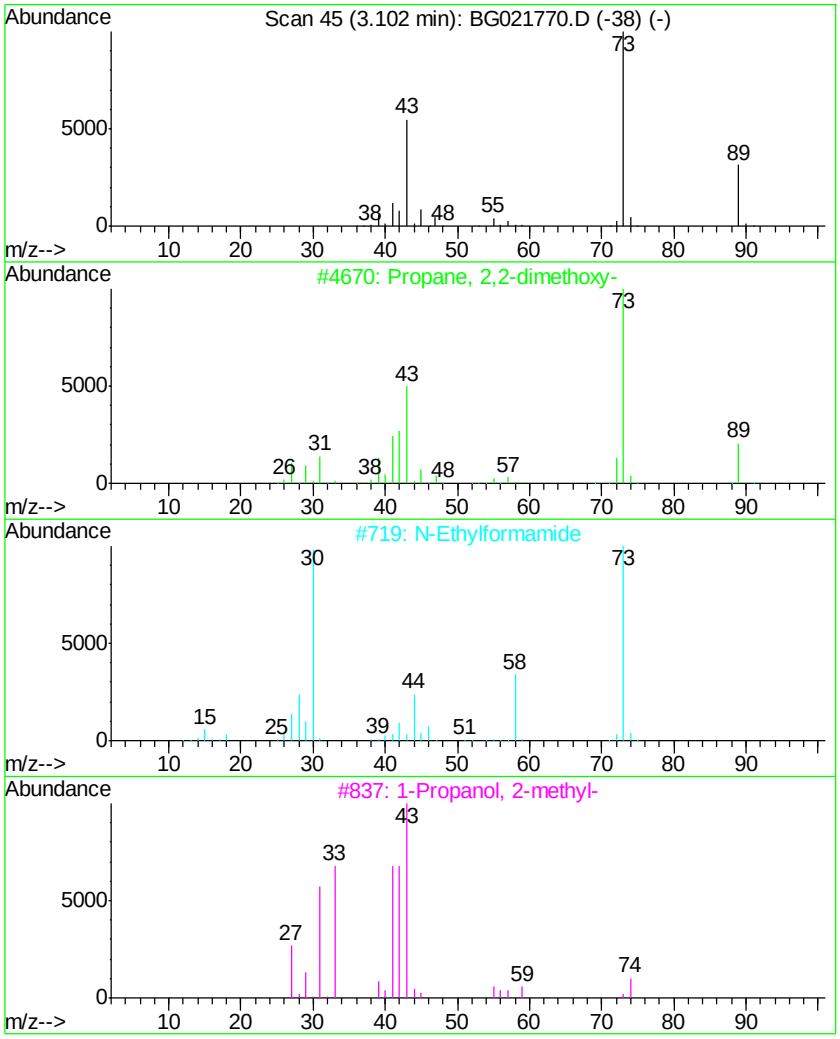
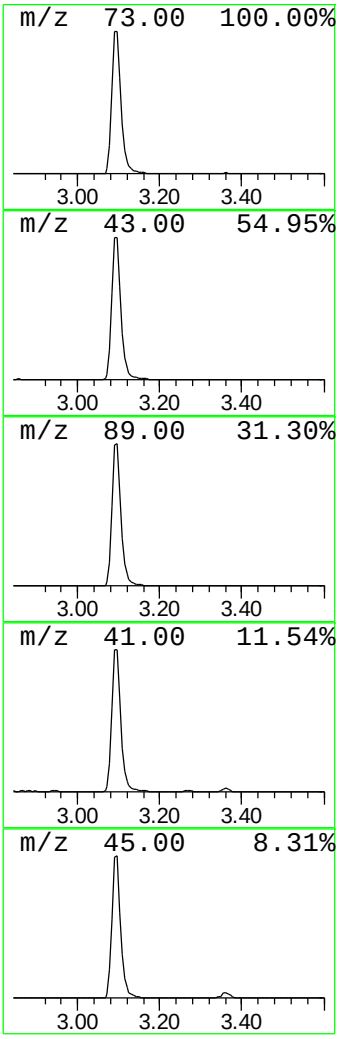
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	307.26 ng	2282700	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Instrument : BNA_G
ClientSampleId : LCF-EW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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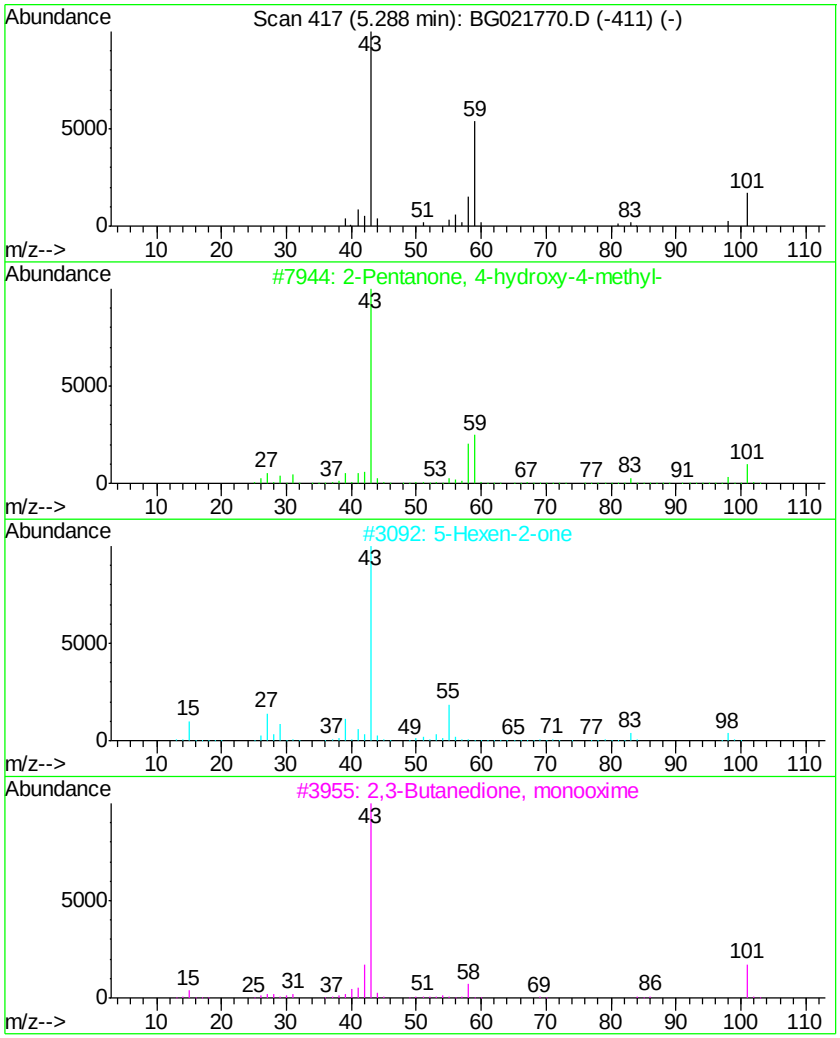
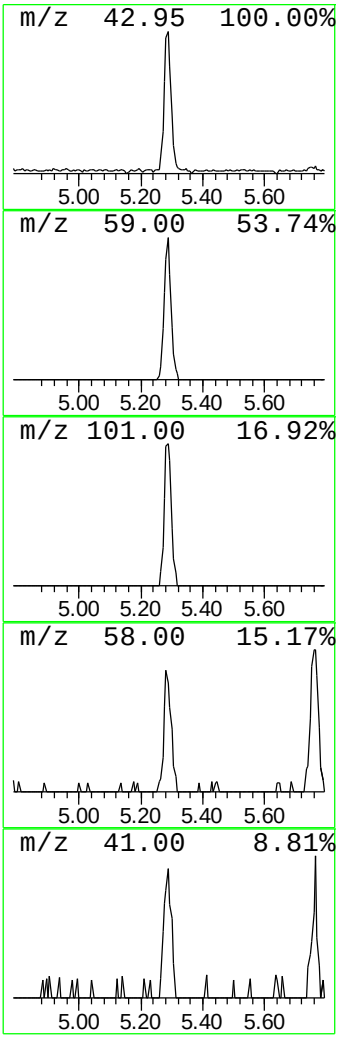
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	5.93 ng	44044	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





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Instrument : BNA_G
ClientSampleId : LCF-EW1

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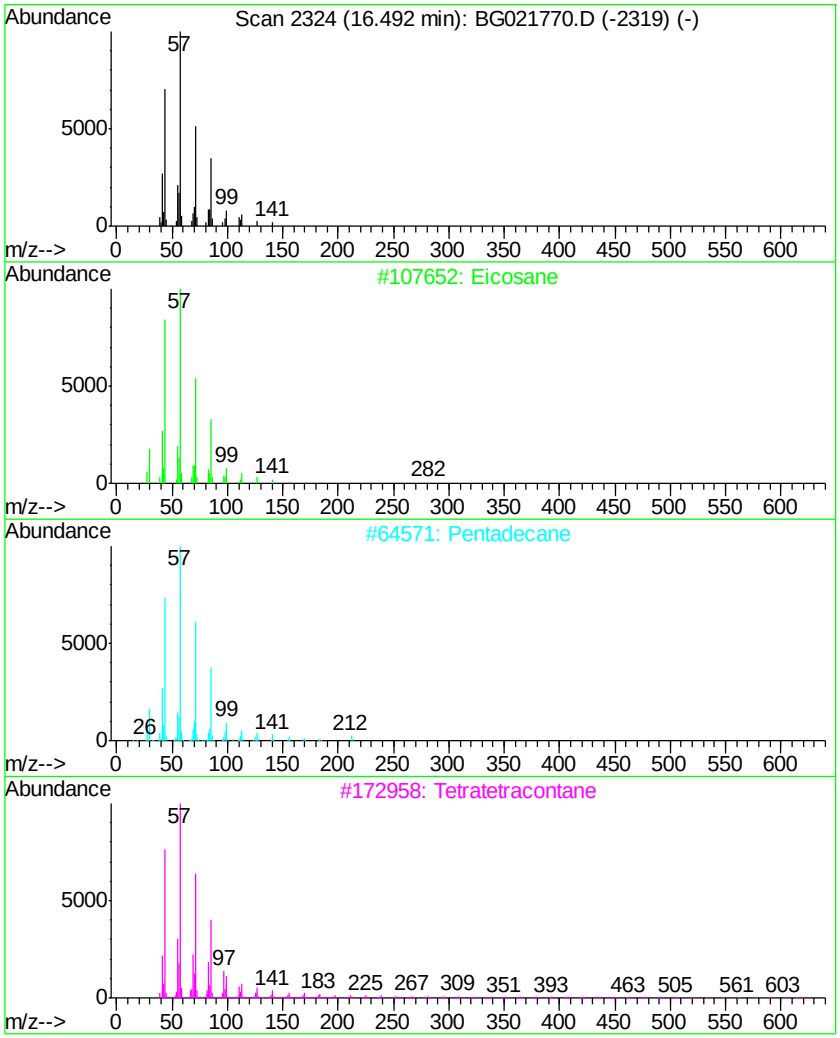
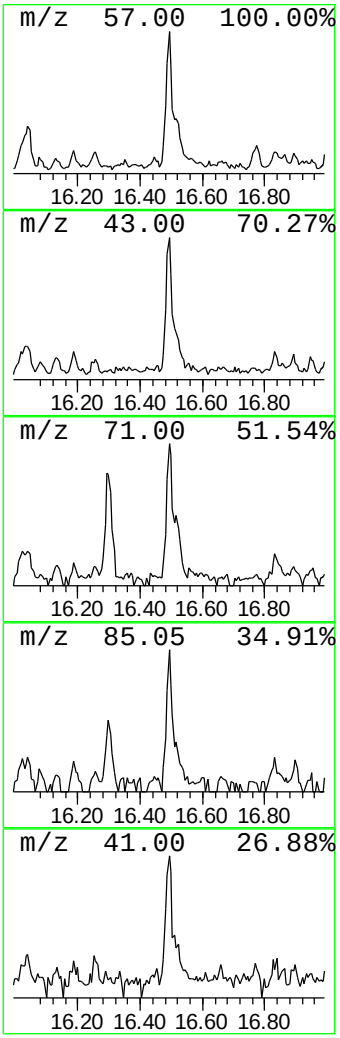
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.48 ng	56206	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	80





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Instrument : BNA_G
ClientSampleId : LCF-EW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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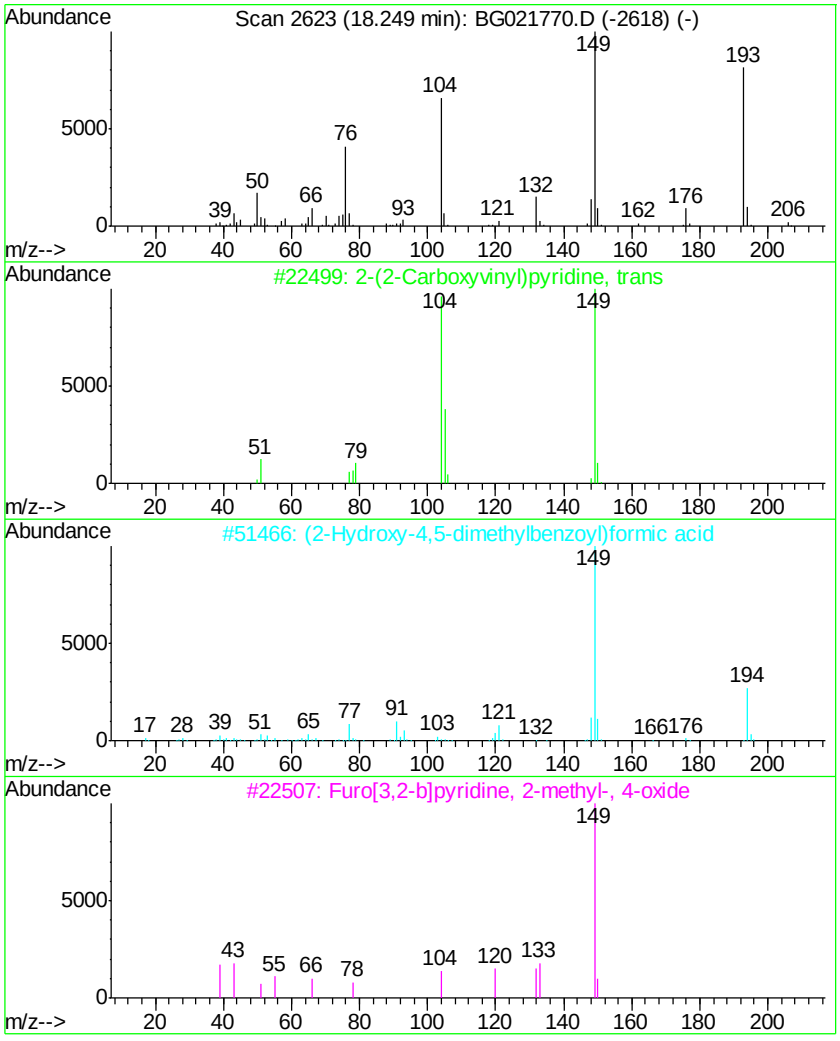
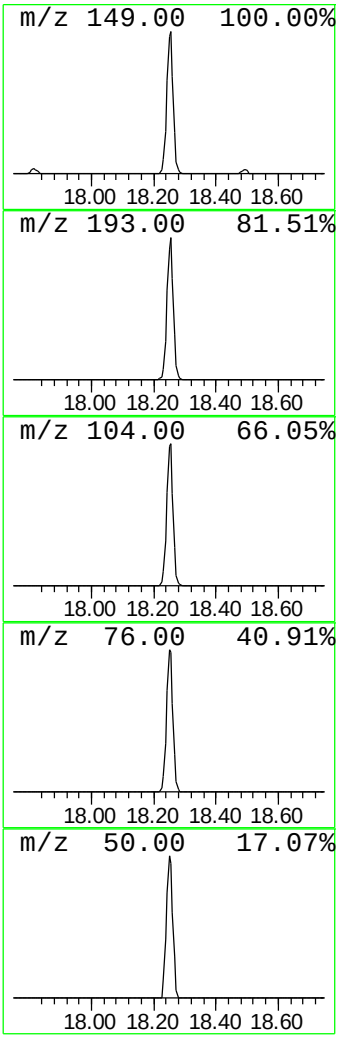
Peak Number 6 unknown18.25 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	10.36 ng	235021	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	35
2	(2-Hydroxy-4,5-dimethylbenzoyl)f...	194	C10H10O4	1000241-63-9	22
3	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	22
4	5H-PYRROLO(3,2-D)PYRIMIDINE-2,4-...	149	C6H7N5	1000244-21-4	18
5	2,4,6-Trimethoxybenzonitrile	193	C10H11NO3	002571-54-2	12





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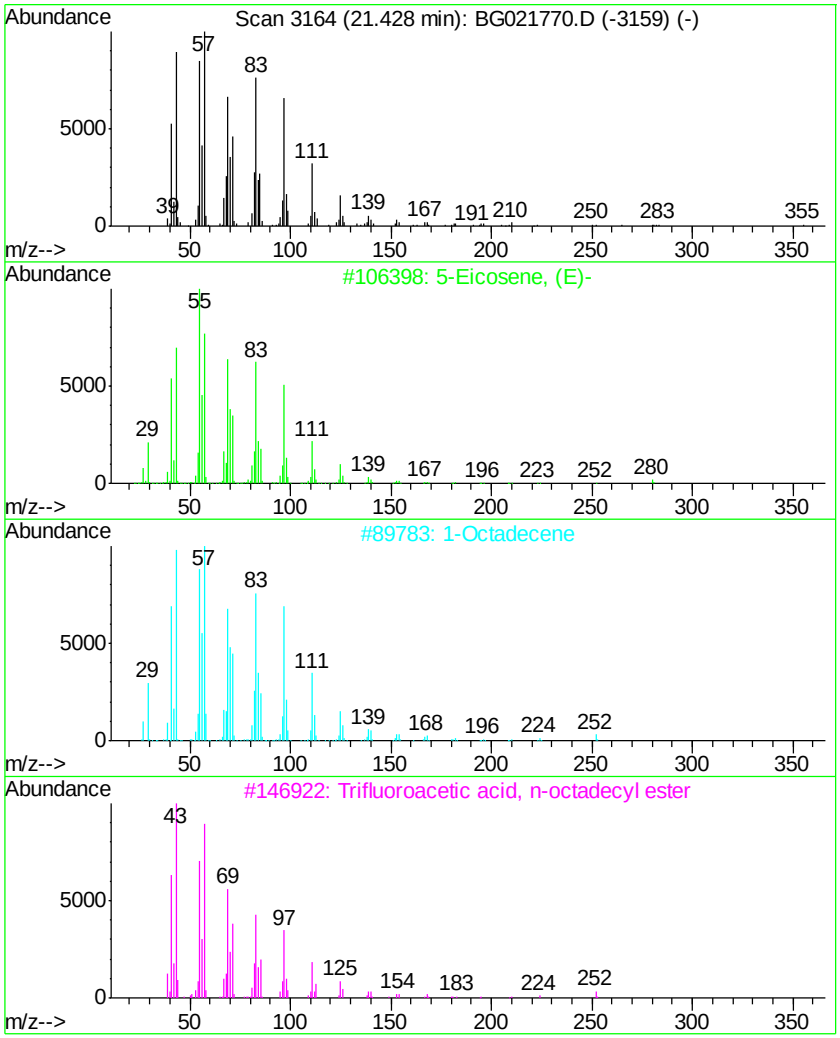
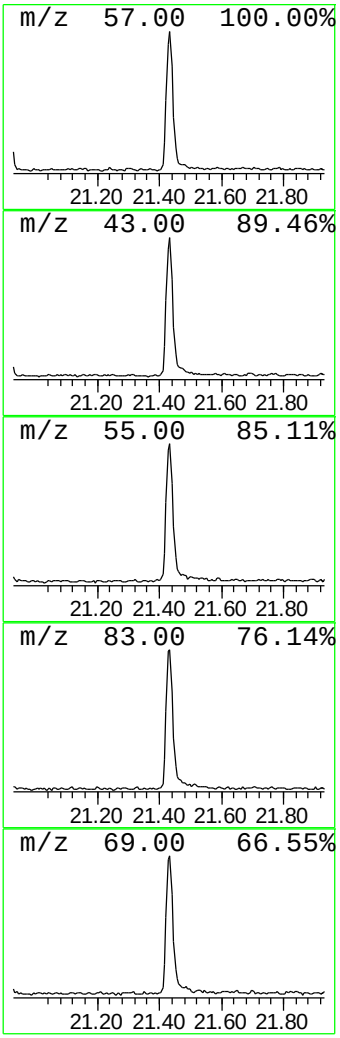
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	12.95 ng	346017	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	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
Propane, 2,2-dime...	3.10	307.3	ng	2282700	1	8.21	148587	20.0
2-Pentanone, 4-hy...	5.29	5.9	ng	44044	1	8.21	148587	20.0
Eicosane	16.49	2.5	ng	56206	4	17.56	453897	20.0
unknown18.25	18.25	10.4	ng	235021	4	17.56	453897	20.0
5-Eicosene, (E)-	21.43	12.9	ng	346017	5	21.83	534206	20.0