LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020954.D
Acq On : 19 Feb 2016 3:01
Operator : SJ/UM
Sample : H1450-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-13

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-BG021116.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	3.239	63	68	77	rBV	67526	119772	7.84%	1.530%
2	3.315	77	81	97	rVB	32542	49003	3.21%	0.626%
3	5.312	416	421	429	rVB	19050	27543	1.80%	0.352%
4	5.788	496	502	512	rBV	159369	249950	16.36%	3.194%
5	7.398	767	776	787	rBV	107994	177349	11.61%	2.266%
6	7.785	834	842	849	rBV	351572	582419	38.13%	7.442%
7	8.255	916	922	929	rBV	64135	106451	6.97%	1.360%
8	8.584	970	978	987	rVB	310094	530075	34.71%	6.773%
9	9.430	1114	1122	1132	rBV	257515	448408	29.36%	5.729%
10	11.081	1396	1403	1413	rVB	111888	198831	13.02%	2.541%
11	13.501	1806	1815	1823	rBV	936649	1407855	92.18%	17.989%
12	14.312	1947	1953	1957	rBV	24947	36379	2.38%	0.465%
13	14.870	2040	2048	2056	rVB2	190884	310852	20.35%	3.972%
14	16.350	2293	2300	2310	rVB2	616122	888153	58.15%	11.348%
15	16.544	2328	2333	2337	rBV6	11789	19095	1.25%	0.244%
16	17.607	2507	2514	2526	rBV2	217182	341080	22.33%	4.358%
17	18.465	2656	2660	2669	rBV5	22398	39864	2.61%	0.509%
18	19.722	2870	2874	2880	rBV2	23358	34518	2.26%	0.441%
19	20.186	2947	2953	2960	rBV	1265686	1527365	100.00%	19.516%
20	21.490	3171	3175	3181	rVB9	8222	15556	1.02%	0.199%
21	21.878	3235	3241	3249	rVB	215188	365871	23.95%	4.675%
22	25.250	3804	3815	3827	rVB2	122912	350008	22.92%	4.472%

Sum of corrected areas: 7826397

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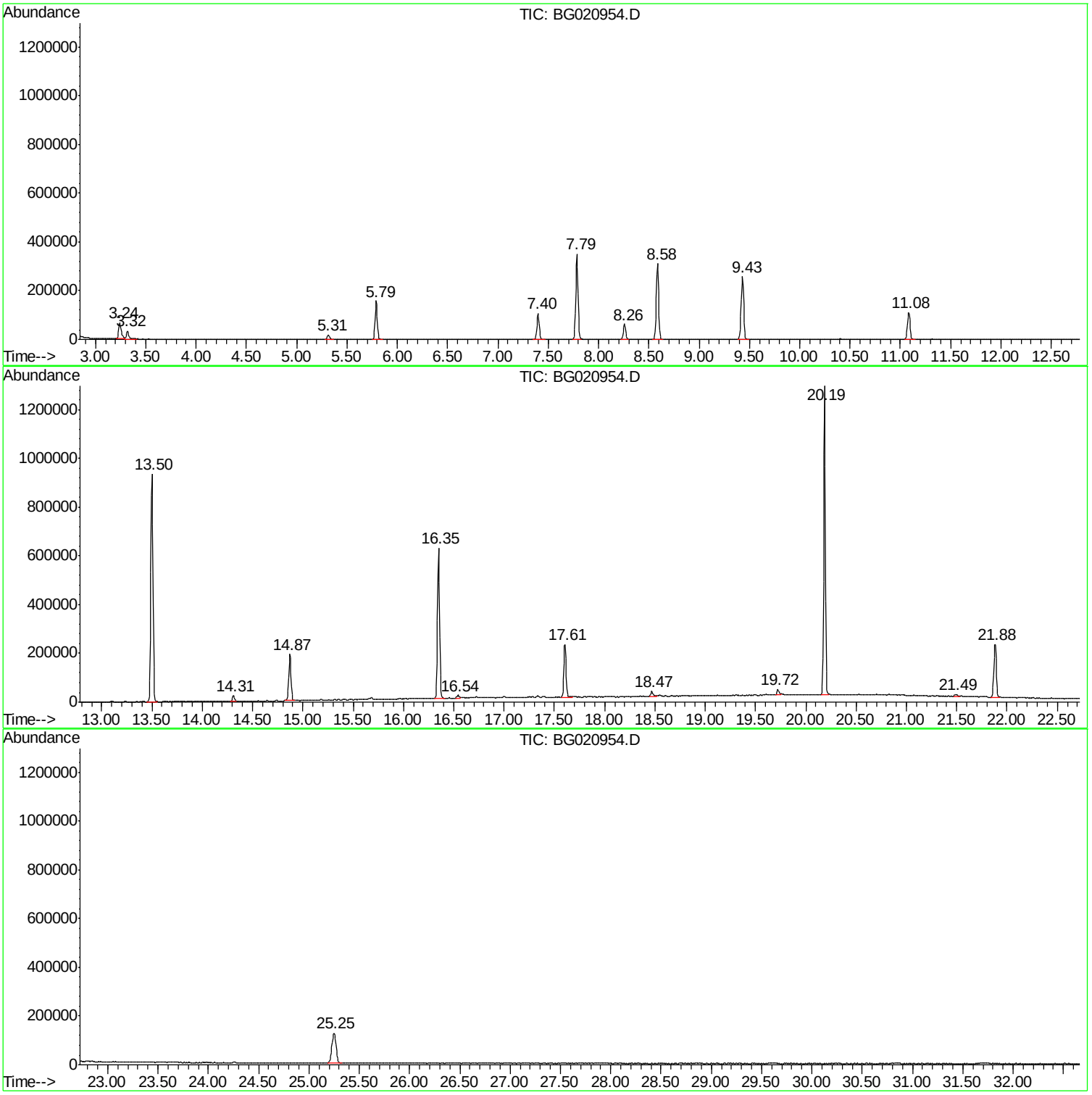
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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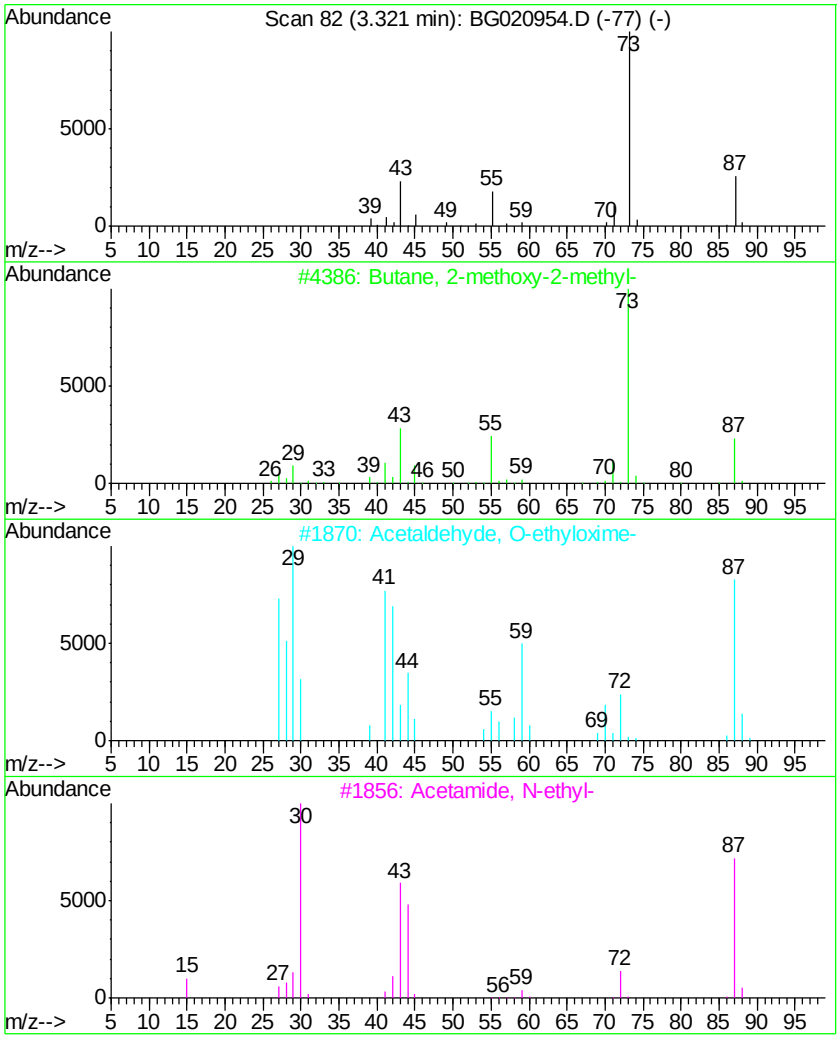
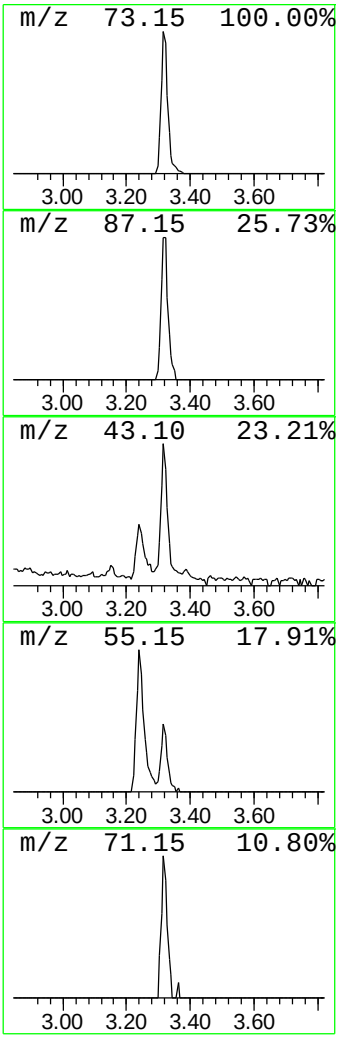
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	9.21 ng	49003	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	16
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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ClientSampleId : HW-13

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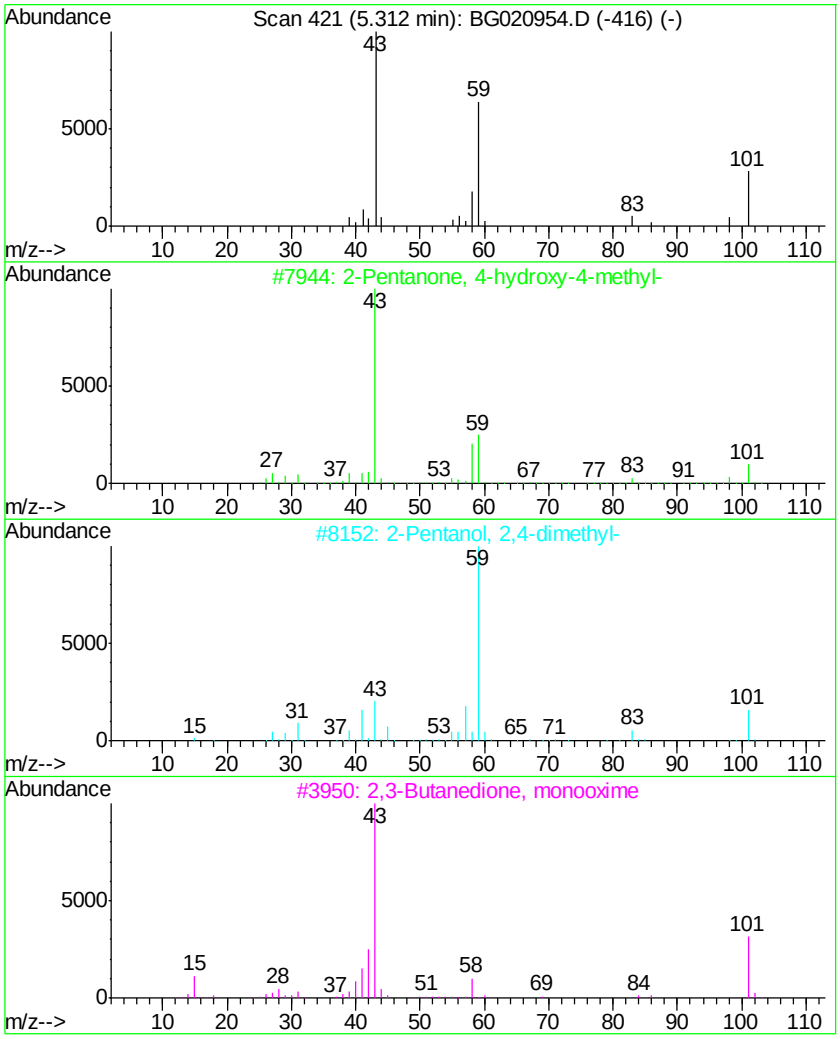
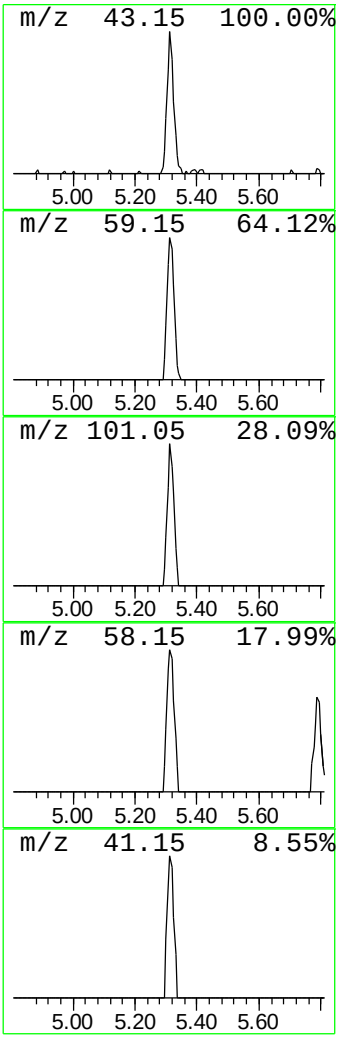
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	5.17 ng	27543	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	37
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4	3-Hexanol	102	C6H14O	000623-37-0	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12





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ClientSampleId : HW-13

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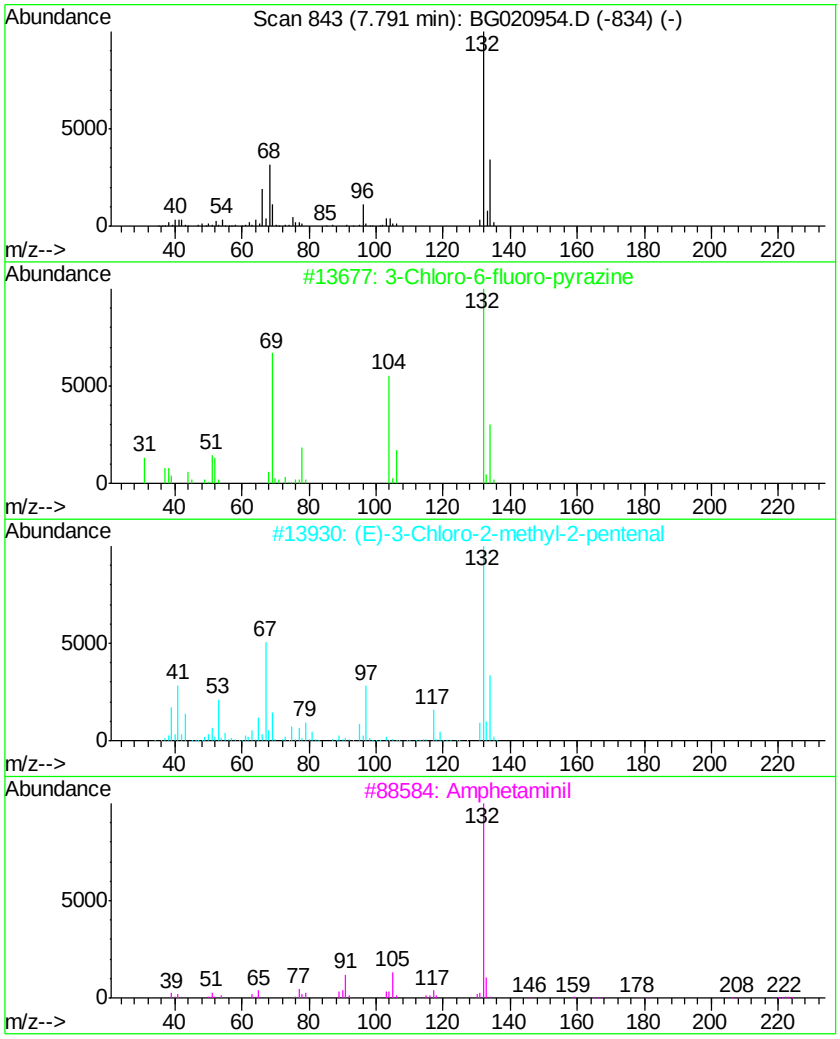
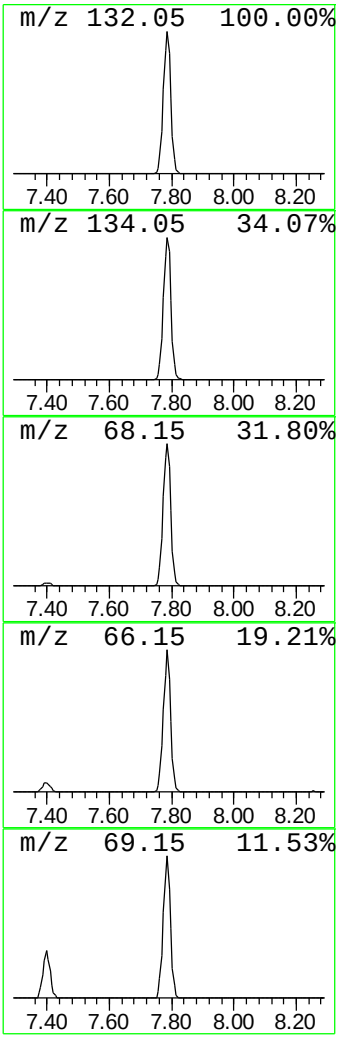
Peak Number 4 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	109.43 ng	582419	1,4-Dichlorobenzene-d4	8.26

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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_G
ClientSampleId : HW-13

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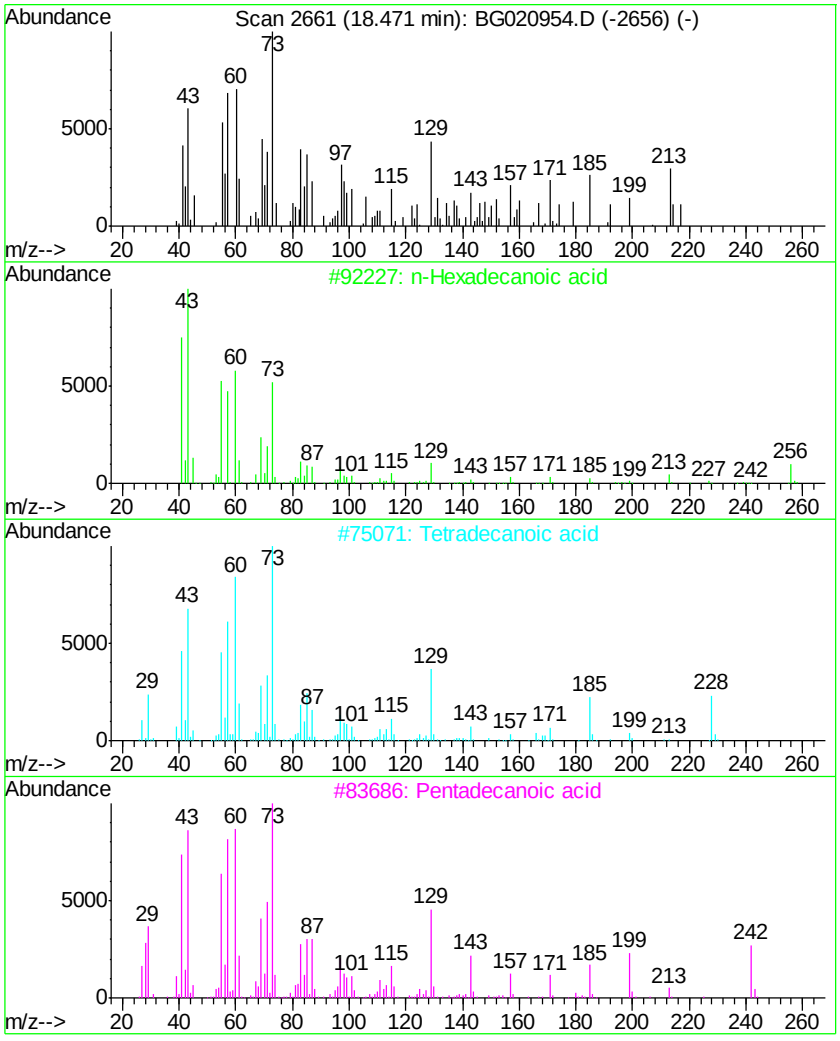
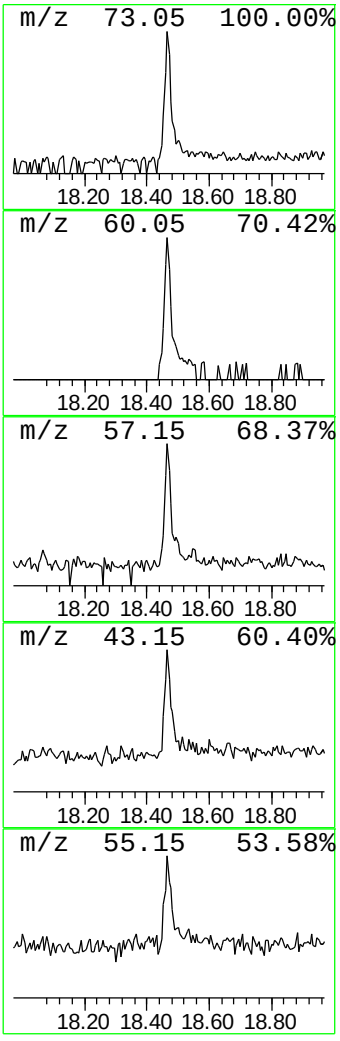
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.34 ng	39864	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	40





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Instrument : BNA_G
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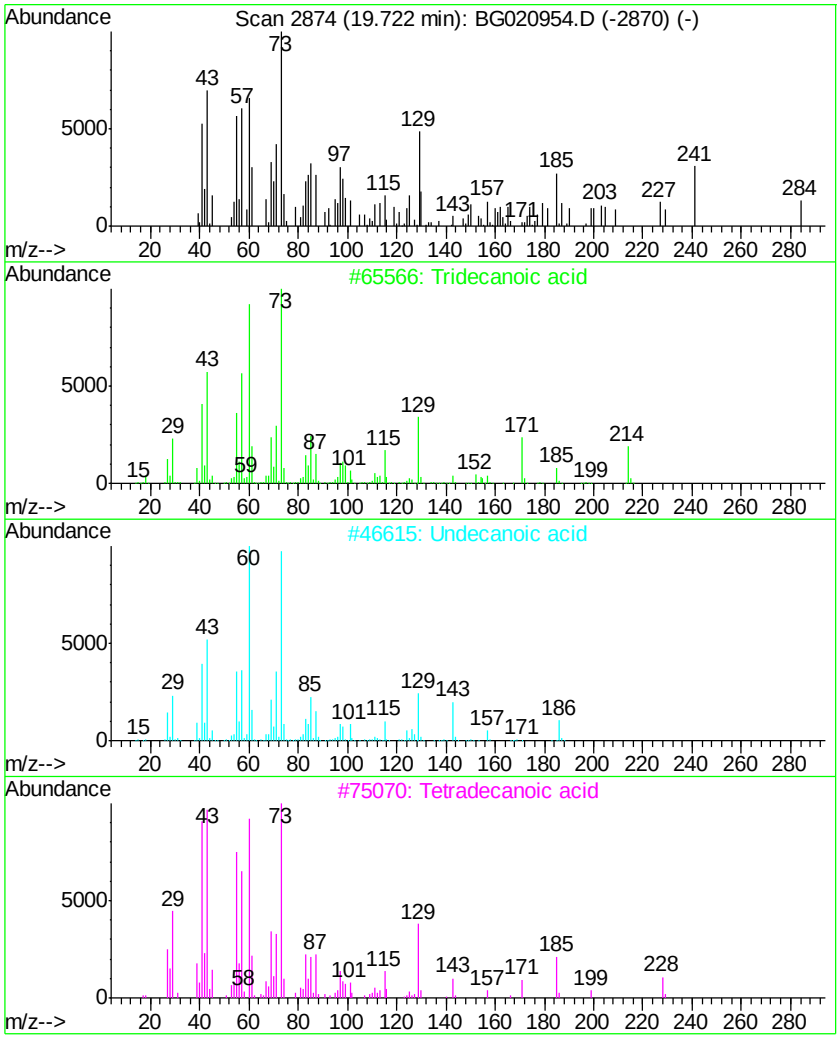
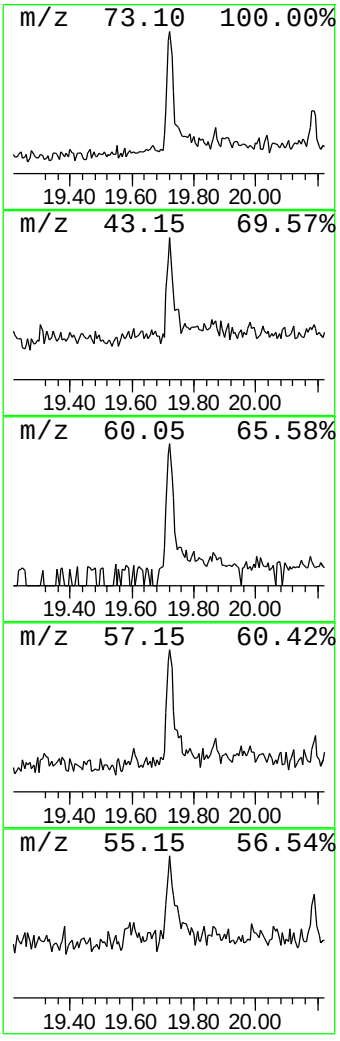
Peak Number 7 unknown19.72 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	2.02 ng	34518	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	47
2	Undecanoic acid	186	C11H22O2	000112-37-8	40
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4	n-Decanoic acid	172	C10H20O2	000334-48-5	25
5	Nonanoic acid	158	C9H18O2	000112-05-0	16





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...	3.32	9.2	ng	49003	1	8.26	106451	20.0
2-Pentanone, 4-hy...	5.31	5.2	ng	27543	1	8.26	106451	20.0
unknown7.79	7.79	109.4	ng	582419	1	8.26	106451	20.0
n-Hexadecanoic acid	18.47	2.3	ng	39864	4	17.61	341080	20.0
unknown19.72	19.72	2.0	ng	34518	4	17.61	341080	20.0