LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020977.D
Acq On : 19 Feb 2016 18:17
Operator : SJ/UM
Sample : H1507-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-31

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	3.240	63	68	77	rBV	53083	91920	6.32%	1.148%
2	3.316	77	81	86	rVB	25383	33104	2.28%	0.413%
3	5.314	416	421	429	rVB	17177	26622	1.83%	0.332%
4	5.790	495	502	512	rVB	157448	250444	17.23%	3.127%
5	7.399	769	776	784	rBV	110162	182952	12.59%	2.285%
6	7.787	834	842	851	rBV	351146	591455	40.69%	7.386%
7	8.257	914	922	930	rVB	69015	116058	7.99%	1.449%
8	8.586	970	978	988	rVB	333201	560753	38.58%	7.002%
9	9.432	1113	1122	1130	rBV	264420	465841	32.05%	5.817%
10	11.082	1396	1403	1412	rVB	124057	217081	14.94%	2.711%
11	13.503	1806	1815	1823	rBV	953184	1453418	100.00%	18.149%
12	14.307	1946	1952	1959	rBV	28843	47033	3.24%	0.587%
13	14.742	2020	2026	2031	rBV	16272	23396	1.61%	0.292%
14	14.871	2042	2048	2057	rVB2	207497	330509	22.74%	4.127%
15	15.682	2182	2186	2192	rVB	21920	28935	1.99%	0.361%
16	16.352	2293	2300	2310	rVB3	565418	840879	57.86%	10.500%
17	16.540	2328	2332	2336	rBV	20078	28870	1.99%	0.361%
18	17.333	2464	2467	2472	rBV	14234	17058	1.17%	0.213%
19	17.603	2508	2513	2520	rBV2	212417	333797	22.97%	4.168%
20	18.466	2656	2660	2666	rBV	76855	112896	7.77%	1.410%
21	19.724	2870	2874	2880	rBV	63438	88670	6.10%	1.107%
22	20.188	2947	2953	2962	rVB	1129930	1430119	98.40%	17.858%
23	21.492	3171	3175	3181	rVB7	18747	31021	2.13%	0.387%
24	21.885	3236	3242	3250	rVB	203630	359525	24.74%	4.489%
25	25.257	3805	3816	3830	rVB2	120206	345797	23.79%	4.318%

Sum of corrected areas: 8008153

LSC Report - Integrated Chromatogram

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Operator : SJ/UM
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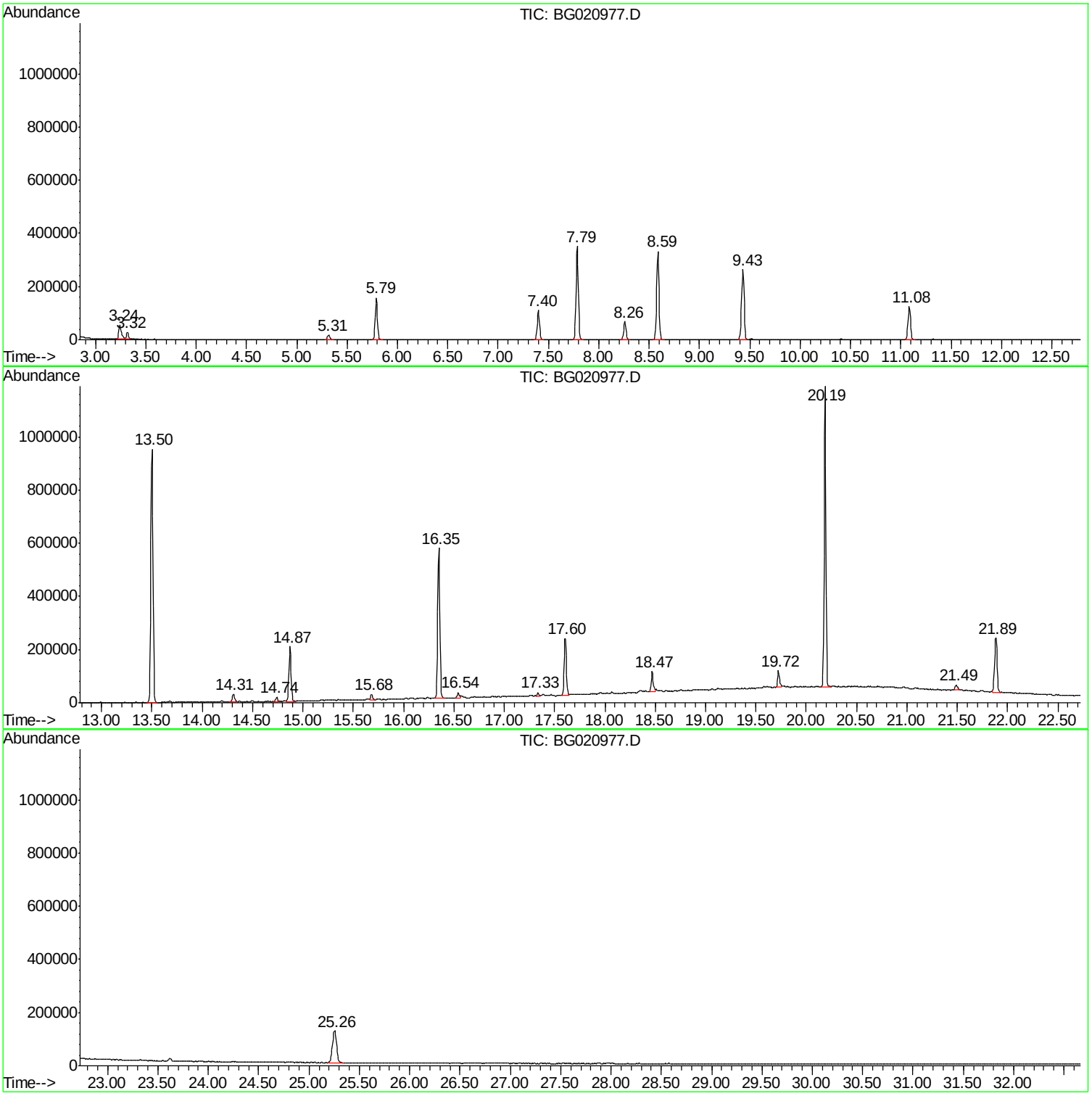
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-31

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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Data File : BG020977.D
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Operator : SJ/UM
Sample : H1507-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-31

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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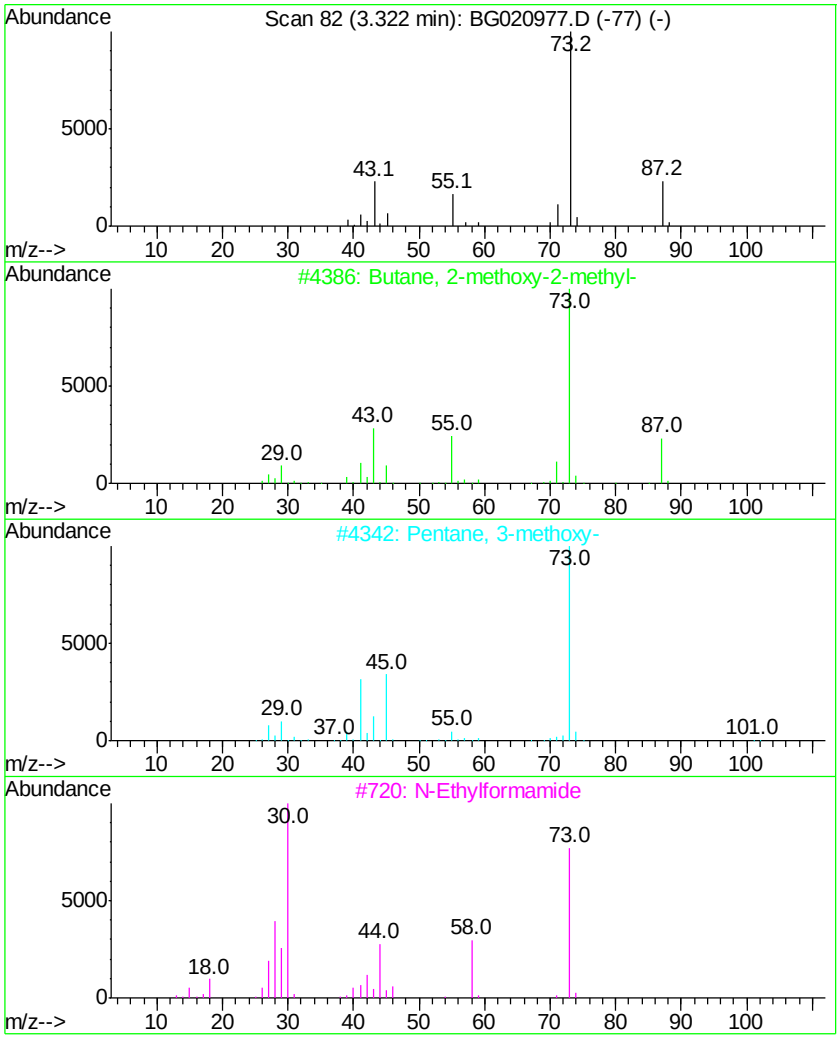
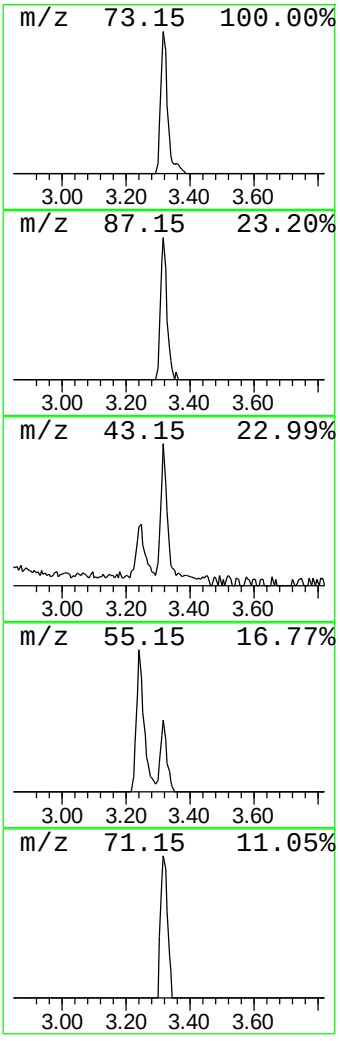
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	5.70 ng	33104	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	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





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Data File : BG020977.D
Acq On : 19 Feb 2016 18:17
Operator : SJ/UM
Sample : H1507-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-31

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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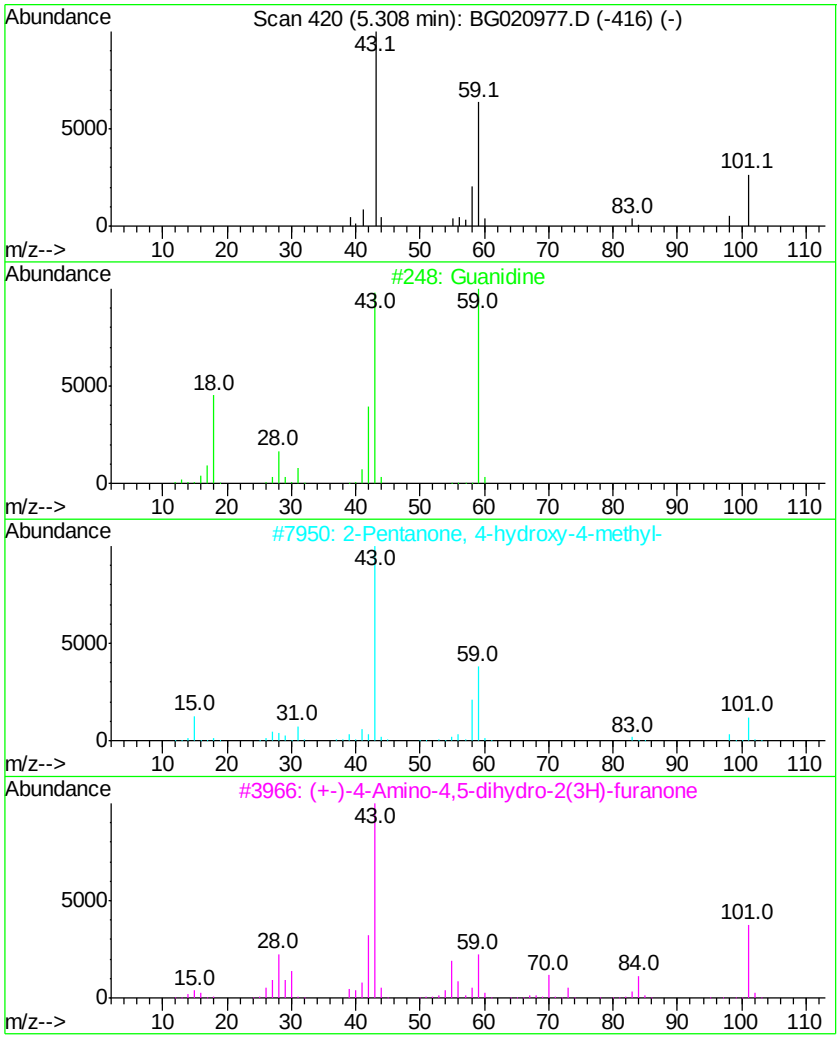
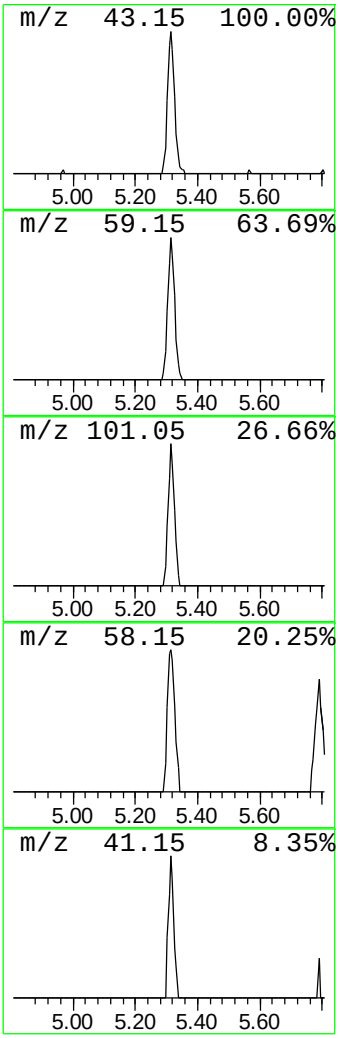
Peak Number 3 unknown5.31 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	4.59 ng	26622	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	47
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	23





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020977.D
Acq On : 19 Feb 2016 18:17
Operator : SJ/UM
Sample : H1507-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-31

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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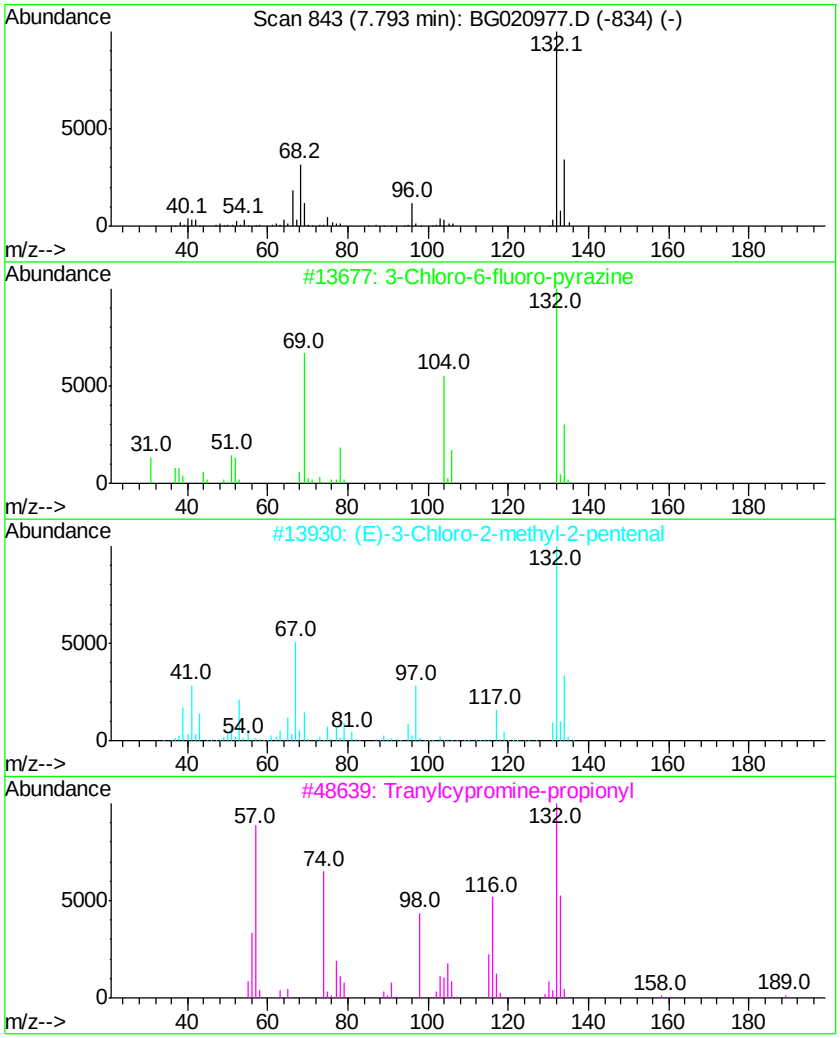
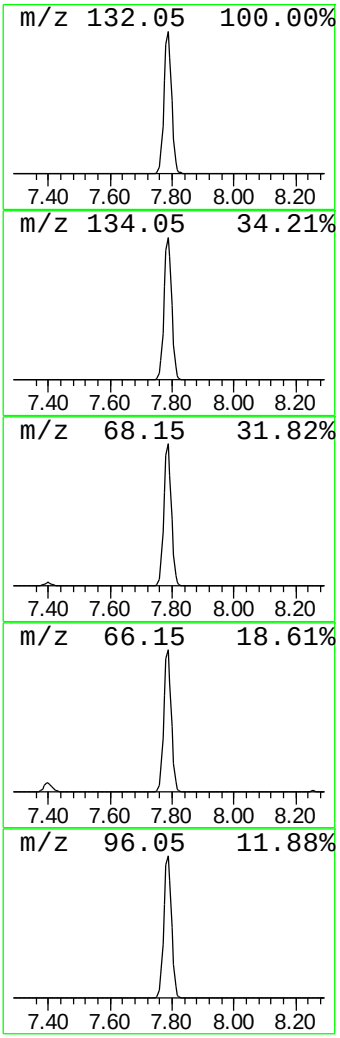
Peak Number 4 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	101.92 ng	591455	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/UM
Sample : H1507-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HW-31

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
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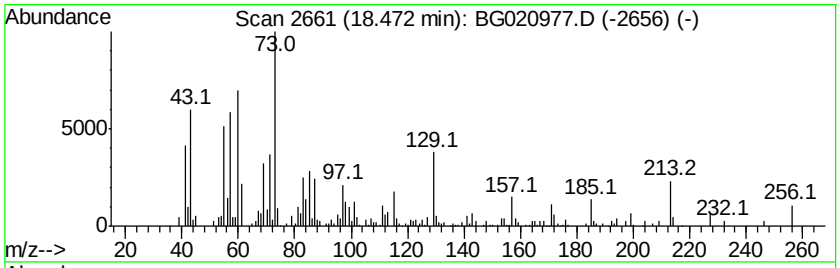
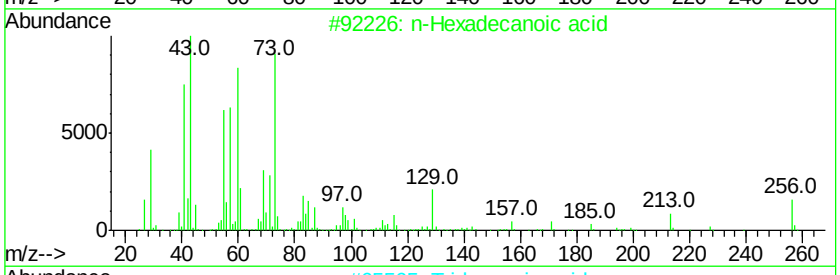
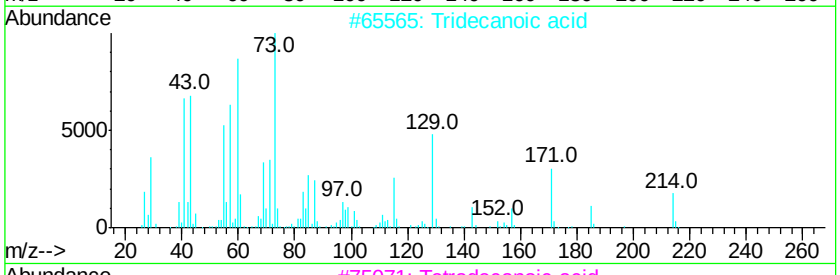
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

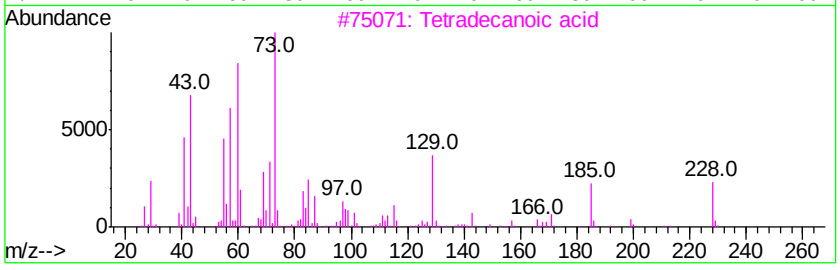
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	6.76 ng	112896	Phenanthrene-d10	17.60

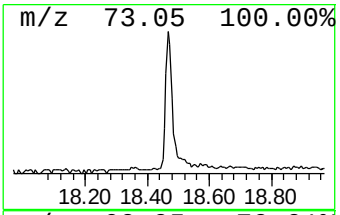
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70

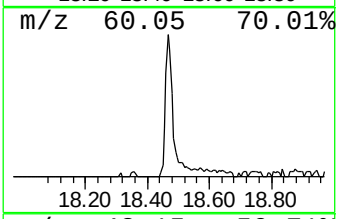


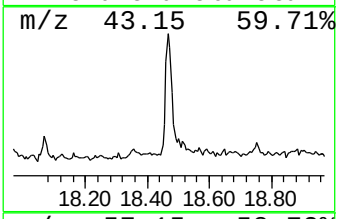


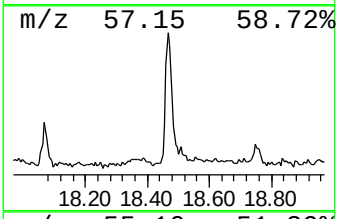


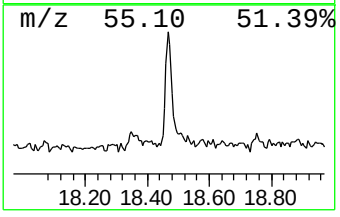












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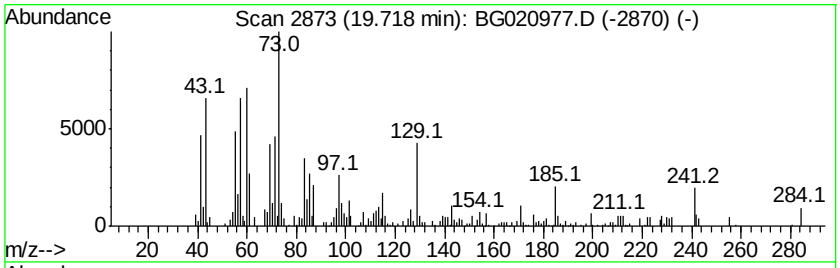
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

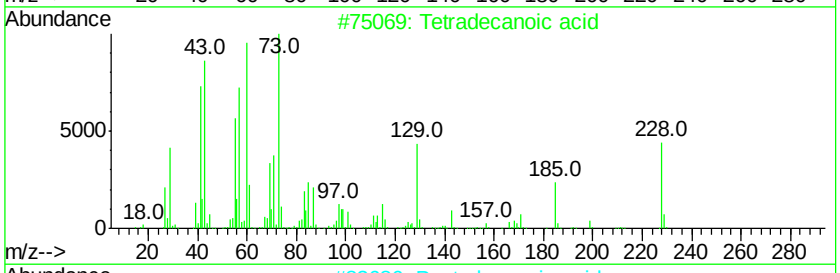
****

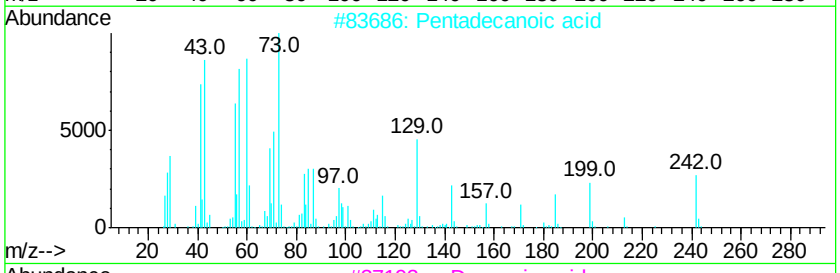
Peak Number 7 Tetradecanoic acid Concentration Rank 6

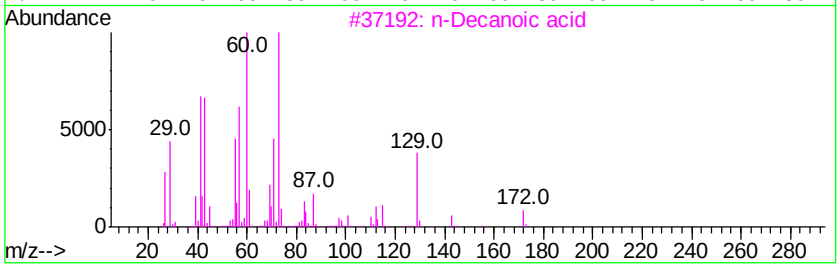
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	5.31 ng	88670	Phenanthrene-d10	17.60

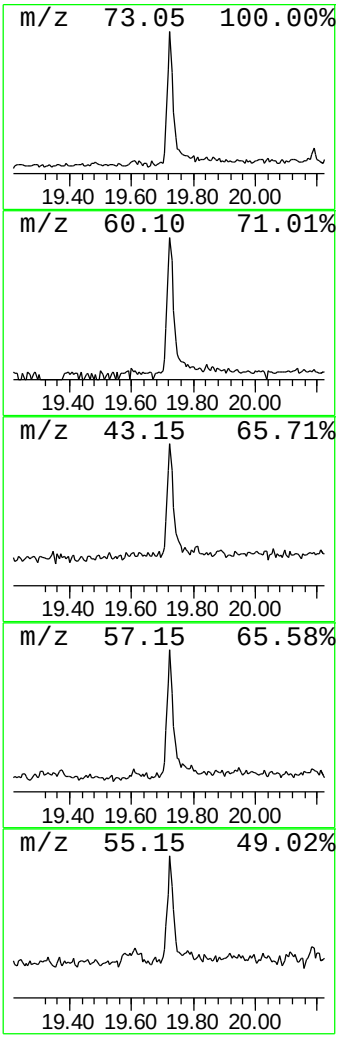
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	18
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	11











Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : HW-31

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.32	5.7	ng	33104	1	8.26	116058	20.0
unknown5.31	5.31	4.6	ng	26622	1	8.26	116058	20.0
unknown7.79	7.79	101.9	ng	591455	1	8.26	116058	20.0
n-Hexadecanoic acid	18.47	6.8	ng	112896	4	17.60	333797	20.0
Tetradecanoic acid	19.72	5.3	ng	88670	4	17.60	333797	20.0