LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032587.D
Acq On : 7 Feb 2018 6:49
Operator : SJ/JU
Sample : J1455-07
Misc : MDL-W-8 ppm
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LW-03-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-BG012918.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	3.364	5	13	19	rBV2	13485	25753	1.38%	0.343%
2	3.458	24	29	38	rVB	52362	83505	4.49%	1.111%
3	6.143	477	486	498	rBV	67496	141342	7.60%	1.880%
4	7.823	765	772	784	rBV	38396	88774	4.77%	1.181%
5	8.217	832	839	860	rBV	156425	336325	18.08%	4.474%
6	8.705	914	922	932	rBV3	48352	103785	5.58%	1.380%
7	9.040	971	979	986	rBV	204914	395706	21.28%	5.263%
8	9.903	1119	1126	1137	rBV	137586	294658	15.84%	3.919%
9	11.584	1400	1412	1424	rBV	76435	171188	9.20%	2.277%
10	13.969	1811	1818	1829	rBV	593847	1023880	55.05%	13.619%
11	15.338	2046	2051	2063	rBV2	160997	276878	14.89%	3.683%
12	15.497	2073	2078	2083	rBV6	15354	31810	1.71%	0.423%
13	15.820	2129	2133	2137	rVB3	12338	19175	1.03%	0.255%
14	16.114	2175	2183	2186	rBV8	11478	27525	1.48%	0.366%
15	16.161	2186	2191	2193	rVV5	17469	26459	1.42%	0.352%
16	16.202	2195	2198	2203	rVB2	19490	28308	1.52%	0.377%
17	16.678	2273	2279	2291	rBV2	85933	229532	12.34%	3.053%
18	16.819	2296	2303	2314	rVV	585768	950521	51.11%	12.643%
19	18.076	2510	2517	2526	rBV2	215464	365927	19.68%	4.867%
20	20.614	2942	2949	2961	rBV	1362306	1859746	100.00%	24.737%
21	22.400	3246	3253	3262	rBV2	262770	491961	26.45%	6.544%
22	26.073	3866	3878	3892	rBV2	161770	545266	29.32%	7.253%

Sum of corrected areas: 7518024

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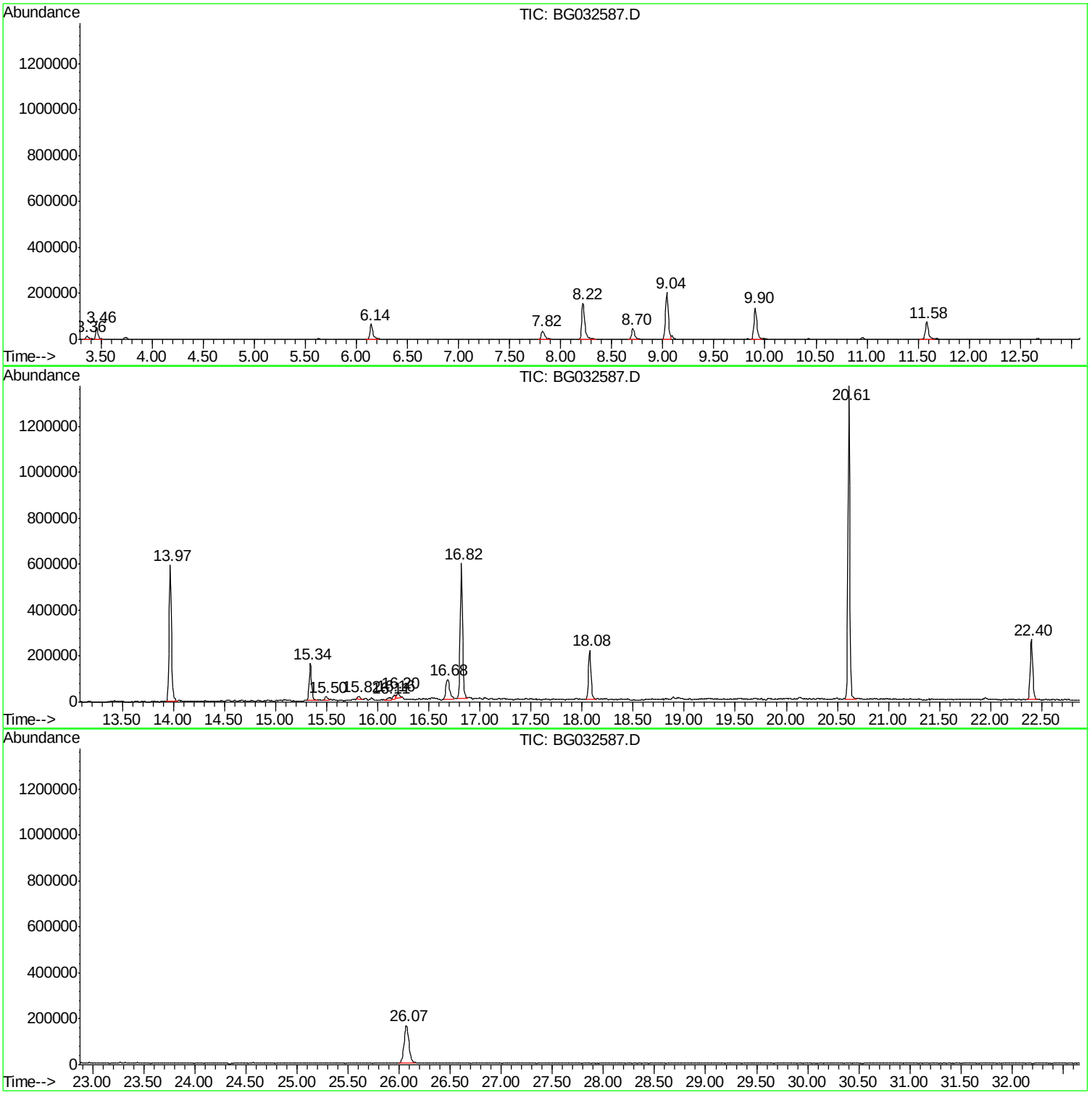
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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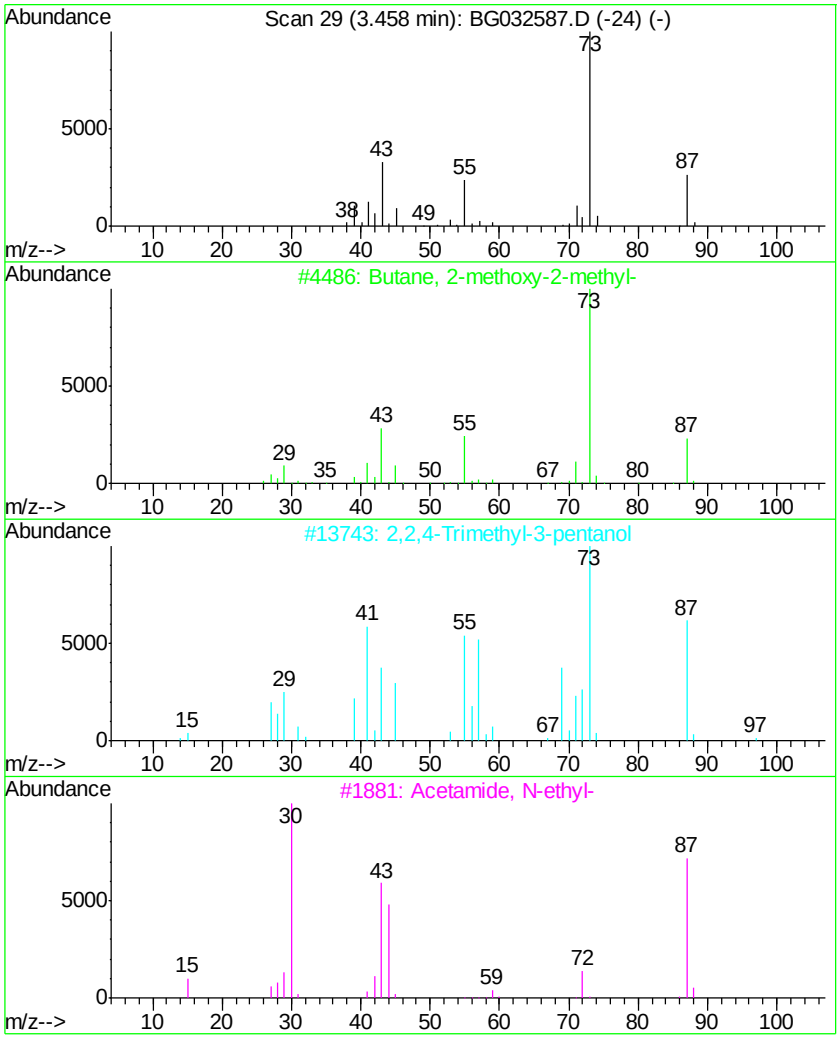
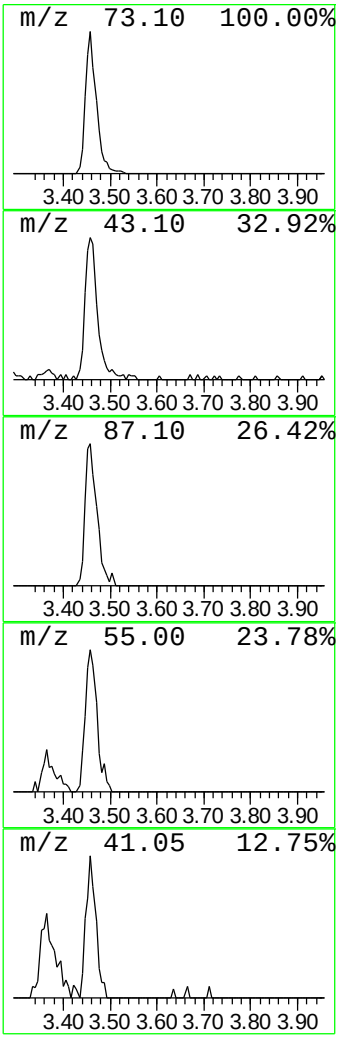
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	16.09 ng	83505	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	80
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	9





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ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
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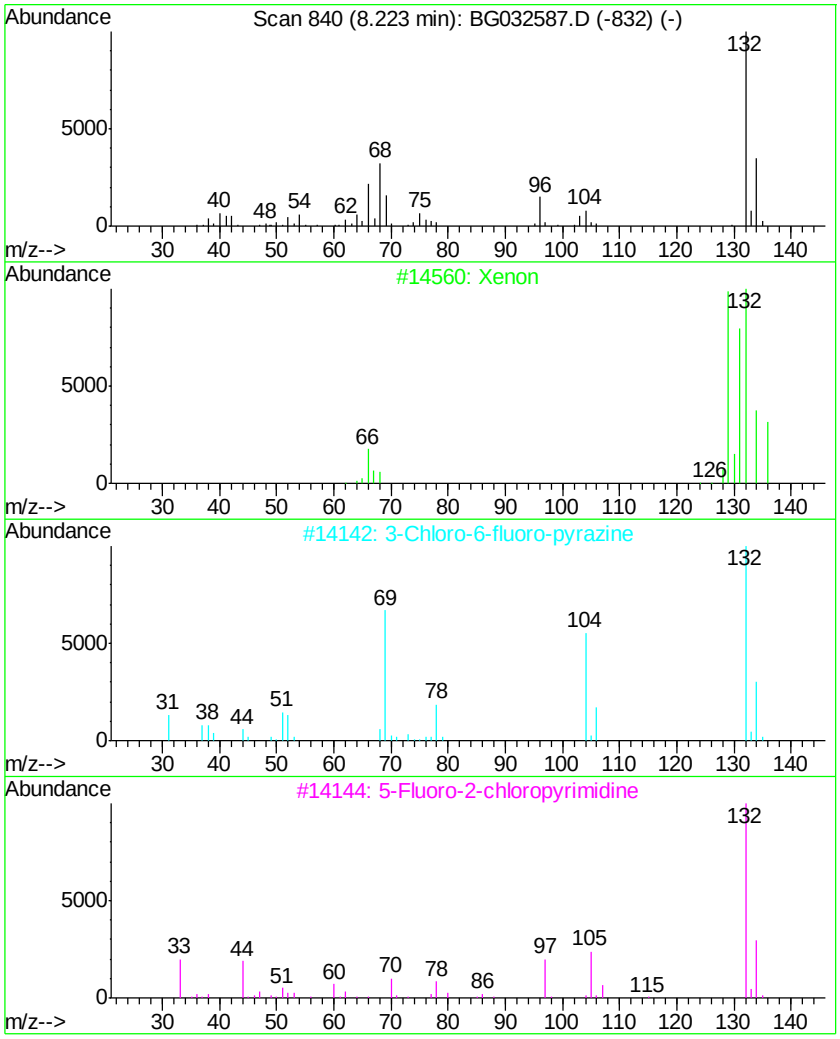
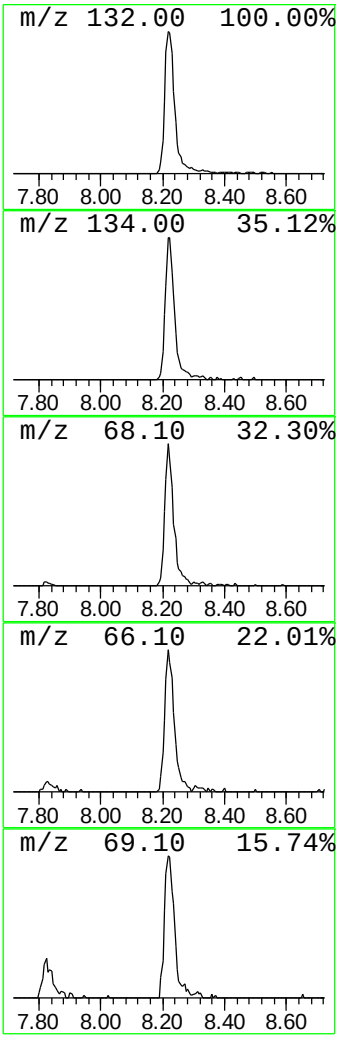
Peak Number 3 unknown8.22 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	64.81 ng	336325	1,4-Dichlorobenzene-d4	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	45
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





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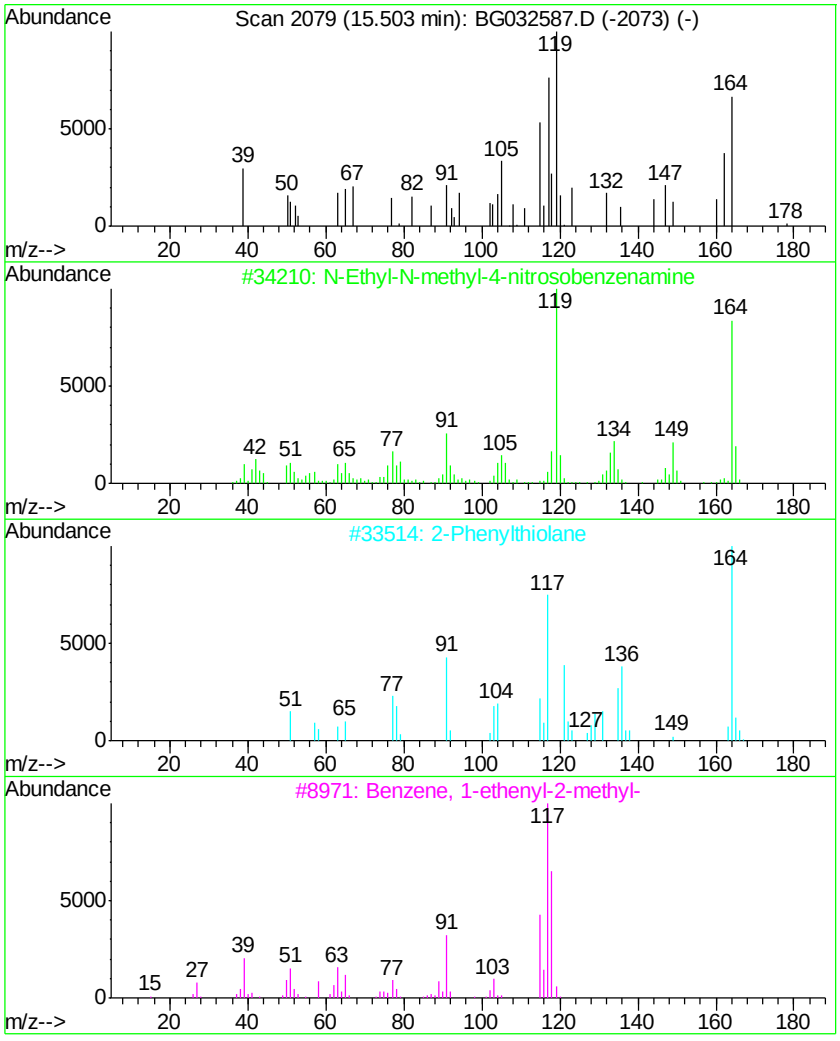
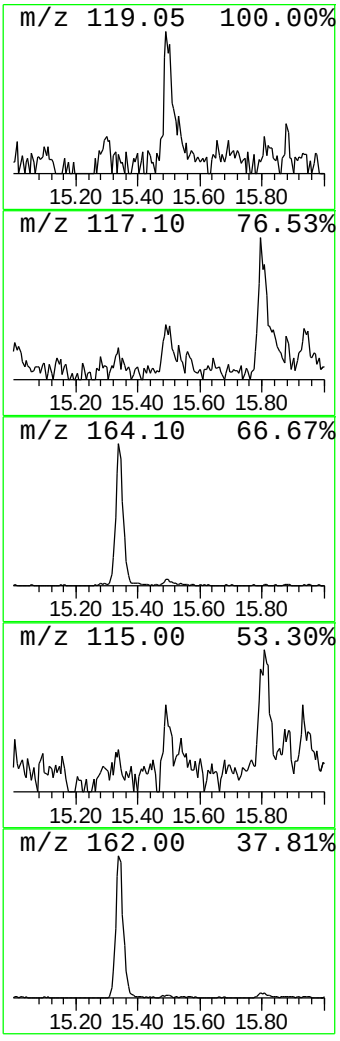
Peak Number 5 unknown15.50 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.30 ng	31810	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethyl-N-methyl-4-nitrosobenzen...	164	C9H12N2O	036479-98-8	43
2	2-Phenylthiolane	164	C10H12S	002060-65-3	25
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	25
4	Imidazo(1,5-a)pyrimidine	119	C6H5N3	000274-67-9	18
5	2-Propenoic acid, 3-(3-hydroxyph...	164	C9H8O3	000588-30-7	14





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : LW-03-B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
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TIC Library : C:\Database\NIST11.L
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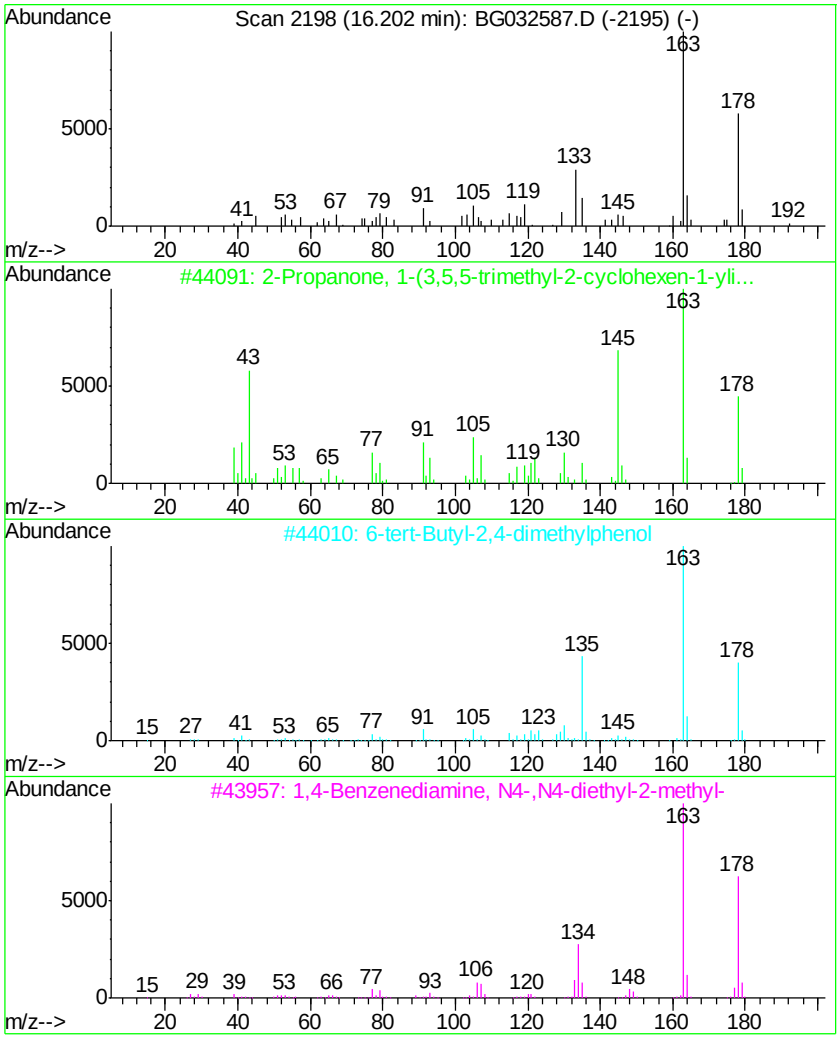
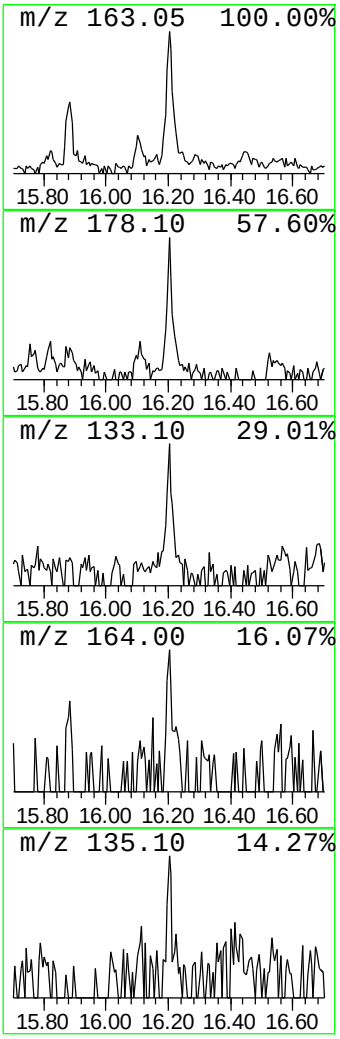
Peak Number 6 2-Propanone, 1-(3,5,5-trime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.04 ng	28308	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(3,5,5-trimethyl-...	178	C12H18O	016695-73-1	64
2	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	64
3	1,4-Benzenediamine, N4-,N4-dieth...	178	C11H18N2	000148-71-0	64
4	Benzoic acid, 4-(1-methylethyl)-...	178	C11H14O2	020185-55-1	64
5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	59





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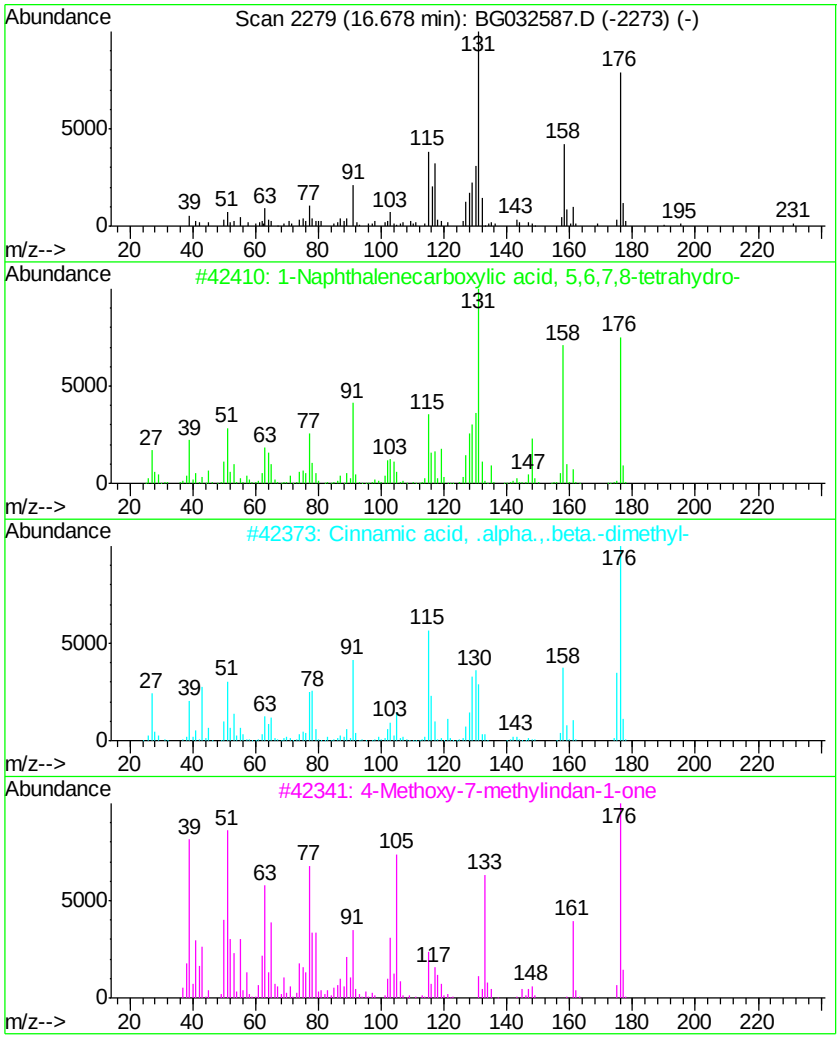
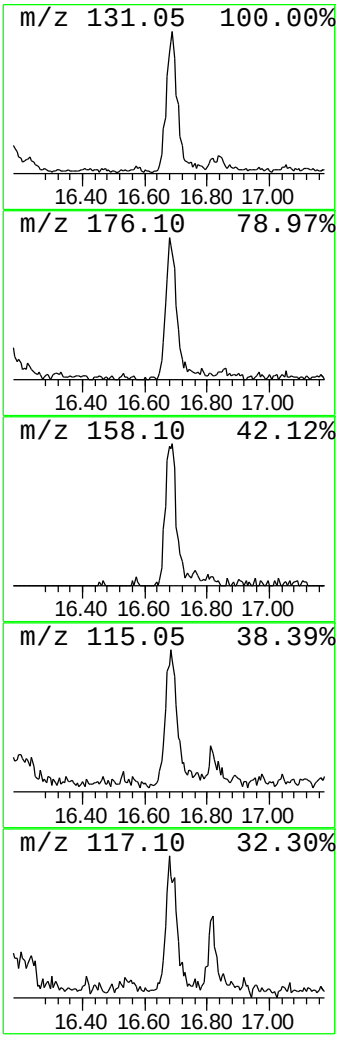
Peak Number 7 1-Naphthalenecarboxylic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	16.58 ng	229532	Acenaphthene-d10	15.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	90
2	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	70
3	4-Methoxy-7-methylindan-1-one	176	C11H12O2	103988-25-6	64
4	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	38
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35





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...	3.46	16.1	ng	83505	1	8.70	103785	20.0
unknown8.22	8.22	64.8	ng	336325	1	8.70	103785	20.0
unknown15.50	15.50	2.3	ng	31810	3	15.34	276878	20.0
2-Propanone, 1-(3...	16.20	2.0	ng	28308	3	15.34	276878	20.0
1-Naphthalenecarb...	16.68	16.6	ng	229532	3	15.34	276878	20.0