LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
Data File : BF084440.D
Acq On : 13 Jan 2016 5:38
Operator : SJ/UM
Sample : H1078-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-20

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_F\METHODS\8270-BF123115.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	5.013	253	256	264	rVB	781301	948412	12.09%	1.852%
2	5.447	292	294	296	rBV	2843152	2689737	34.29%	5.254%
3	5.847	327	329	331	rBV	107310	104586	1.33%	0.204%
4	5.973	338	340	342	rBV	209416	166699	2.13%	0.326%
5	6.476	382	384	387	rBV	1674727	1626752	20.74%	3.177%
6	6.613	393	396	398	rBV	5545652	5324277	67.87%	10.400%
7	6.842	414	416	418	rBV	1857139	1595731	20.34%	3.117%
8	7.002	427	430	432	rBV	4824231	5248620	66.91%	10.252%
9	7.413	462	466	468	rVB	3391022	4763918	60.73%	9.305%
10	8.122	526	528	531	rVB	1679294	1994999	25.43%	3.897%
11	9.162	617	619	620	rBV	124919	124071	1.58%	0.242%
12	9.208	620	623	625	rVB	8382677	7844359	100.00%	15.322%
13	9.516	648	650	652	rBV	80724	86212	1.10%	0.168%
14	9.882	679	682	684	rBV	2559317	2257052	28.77%	4.409%
15	10.316	716	720	722	rVB3	76139	91856	1.17%	0.179%
16	10.671	748	751	753	rBV	4133111	3928553	50.08%	7.673%
17	10.831	763	765	767	rVB	180523	217629	2.77%	0.425%
18	11.151	791	793	799	rVB2	118135	133874	1.71%	0.261%
19	11.368	809	812	814	rBV	2017340	2113457	26.94%	4.128%
20	11.951	860	863	865	rVB	166915	226399	2.89%	0.442%
21	12.957	948	951	953	rBV	6439874	6546923	83.46%	12.788%
22	13.791	1022	1024	1025	rBV	126687	111763	1.42%	0.218%
23	13.814	1025	1026	1028	rVB	230280	306276	3.90%	0.598%
24	13.997	1040	1042	1045	rBV	1364718	1438288	18.34%	2.809%
25	15.425	1164	1167	1170	rBV	1070000	1306908	16.66%	2.553%

Sum of corrected areas: 51197351

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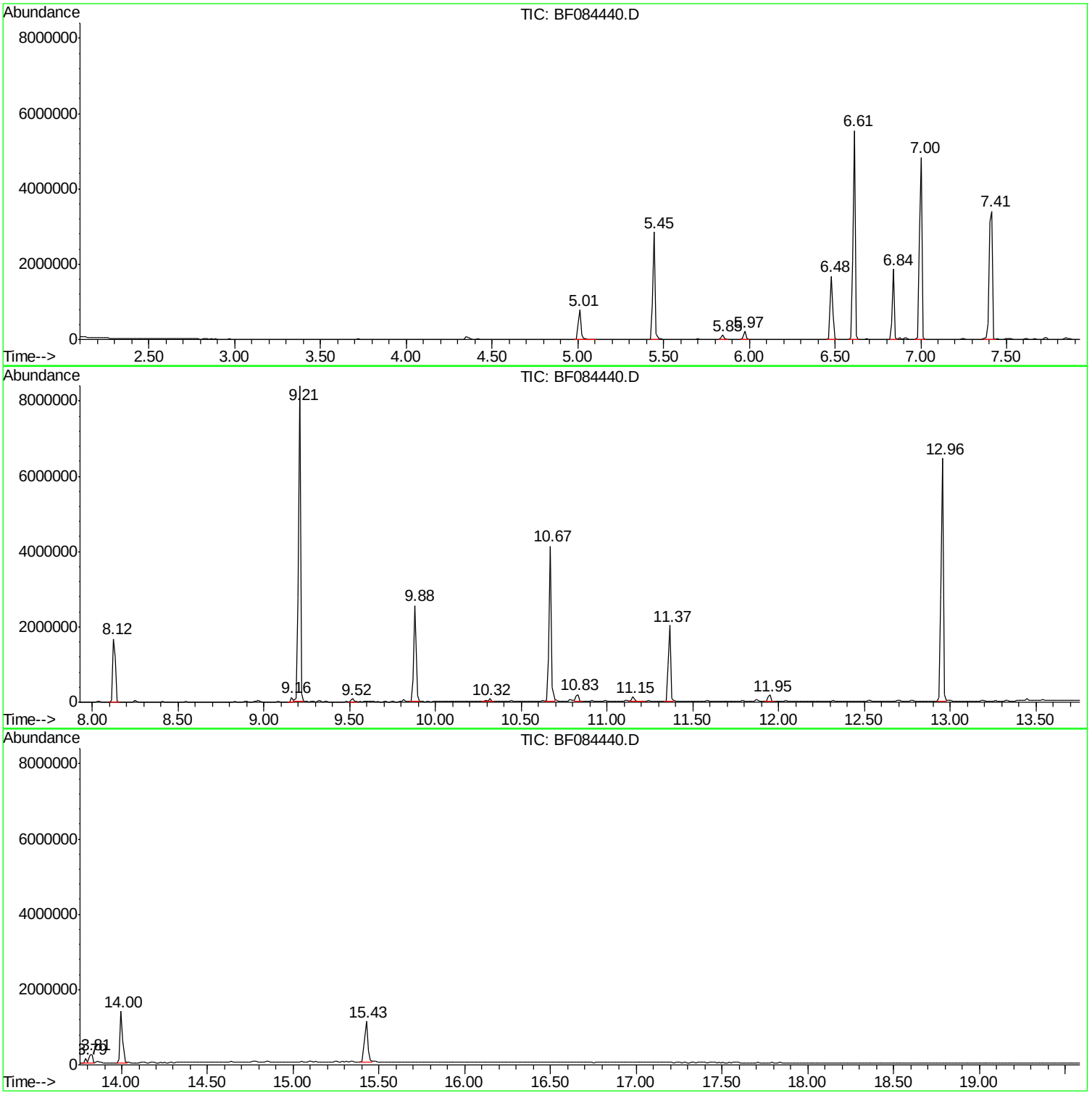
BNA_F
ClientSampleId :
TE-PMW2-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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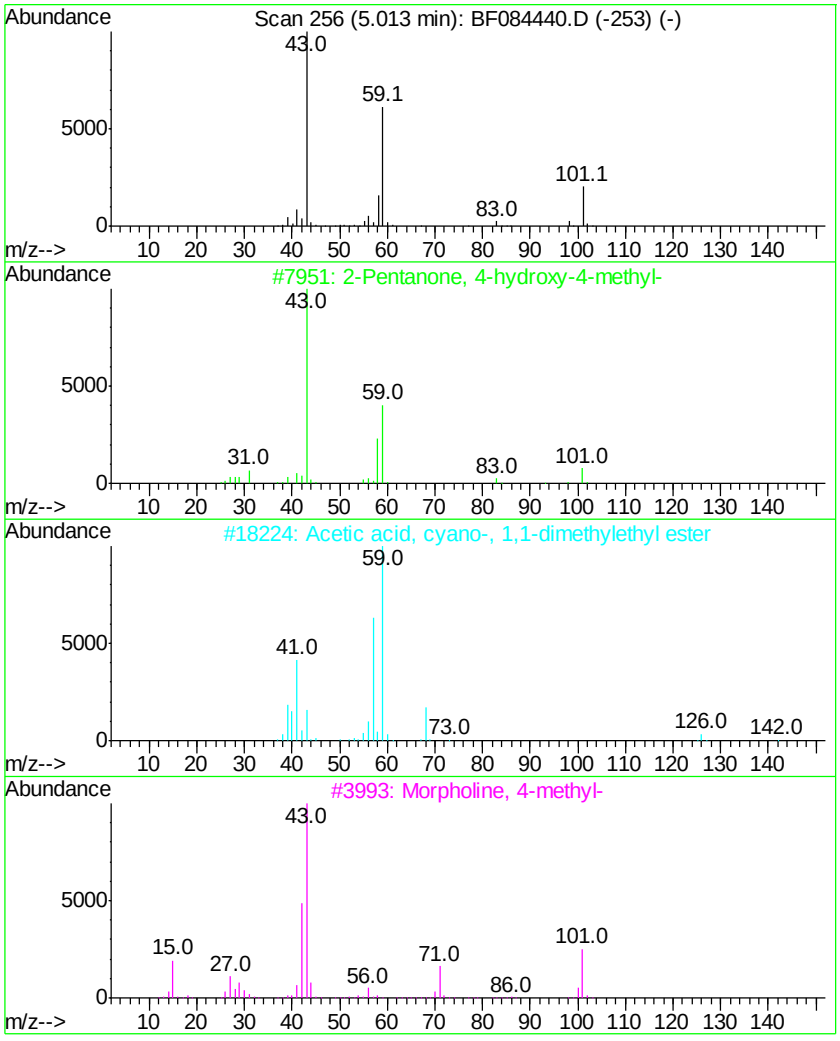
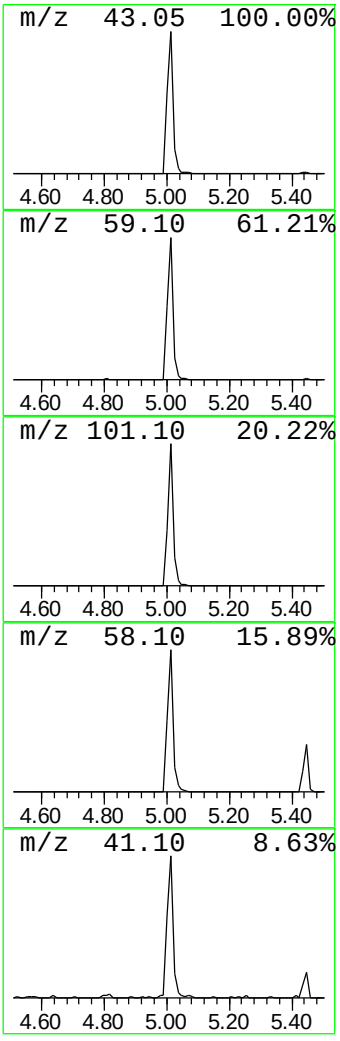
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	11.89 ng	948412	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





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Sample : H1078-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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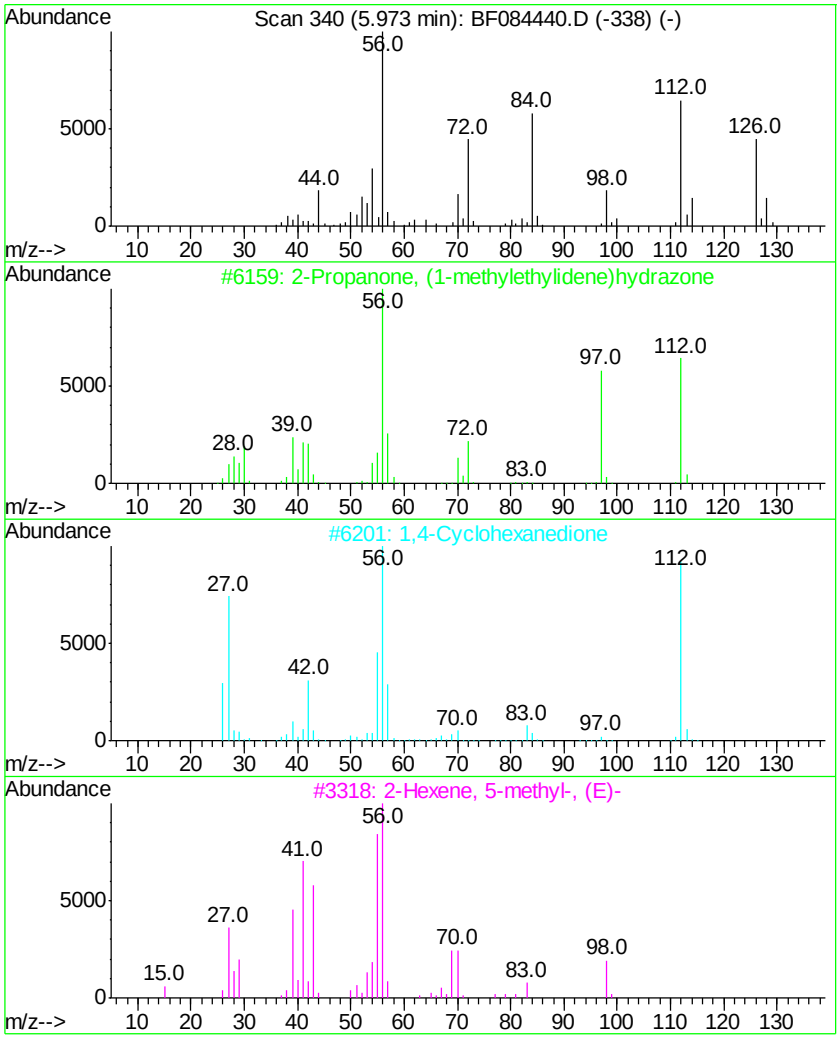
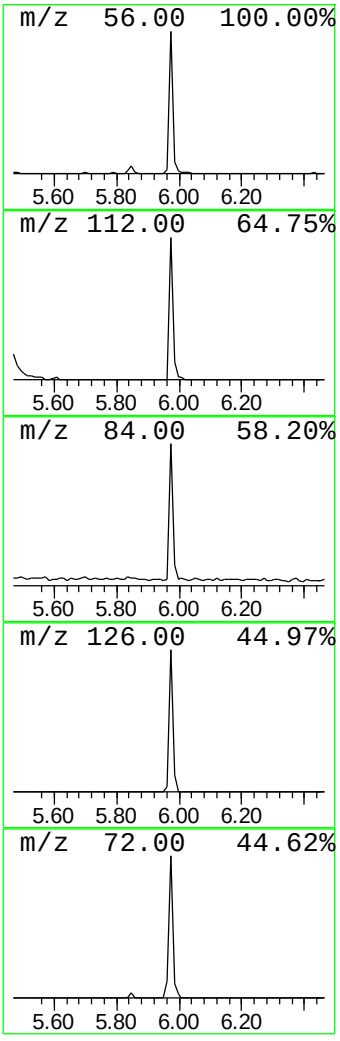
Peak Number 2 unknown5.97 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	2.09 ng	166699	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, (1-methylethylidene...	112	C6H12N2	000627-70-3	38
2	1,4-Cyclohexanedione	112	C6H8O2	000637-88-7	30
3	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	25
4	2-Oxepanone, 4-methyl-	128	C7H12O2	002549-60-2	22
5	2H-Pyran-2,6(3H)-dione	112	C5H4O3	005926-95-4	18





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Sample : H1078-17
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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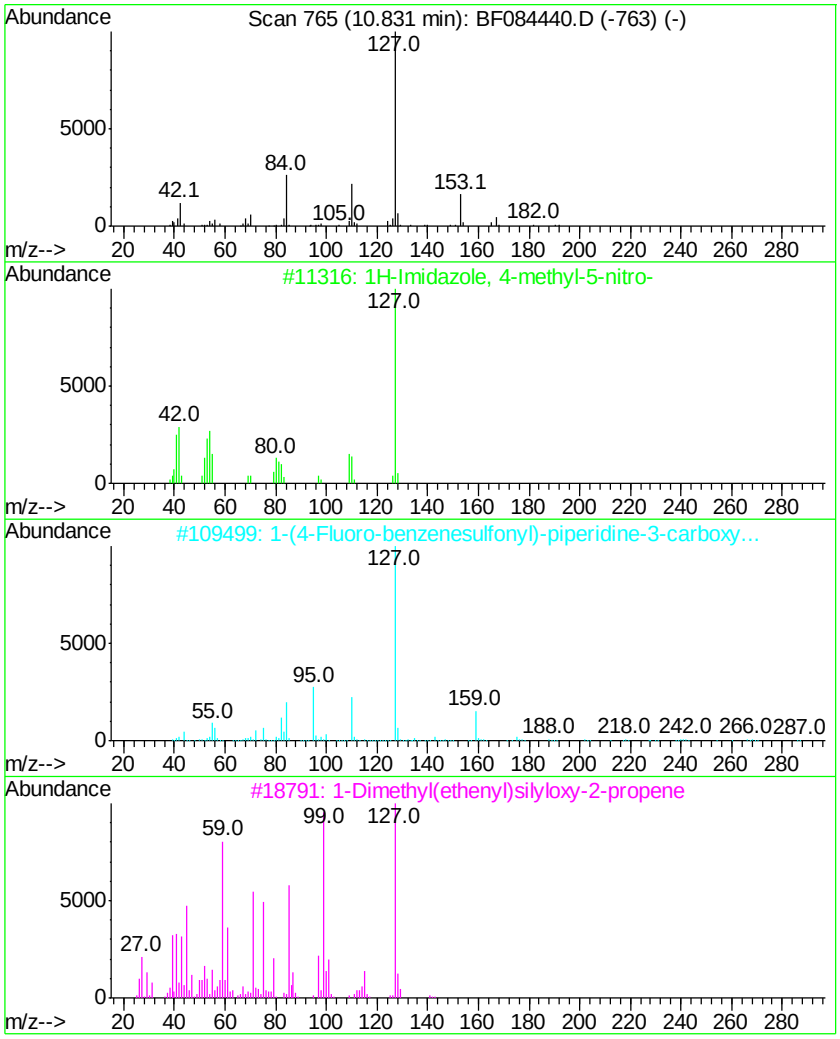
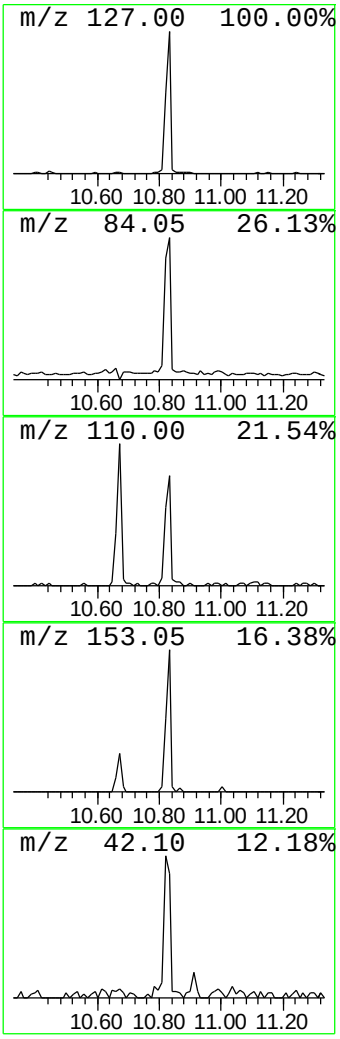
Peak Number 5 unknown10.83 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.06 ng	217629	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 4-methyl-5-nitro-	127	C4H5N3O2	014003-66-8	40
2	1-(4-Fluoro-benzenesulfonyl)-pip...	286	C12H15FN2O3S	1000295-13-0	40
3	1-Dimethyl(ethenyl)silyloxy-2-pr...	142	C7H14OSi	1000278-80-3	38
4	1-Ethylhexyl propylphosphonofluo...	238	C11H24FO2P	1000298-40-8	38
5	Isopropylphoshonic acid, fluoroa...	238	C11H24FO2P	1000273-54-8	33





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Sample : H1078-17
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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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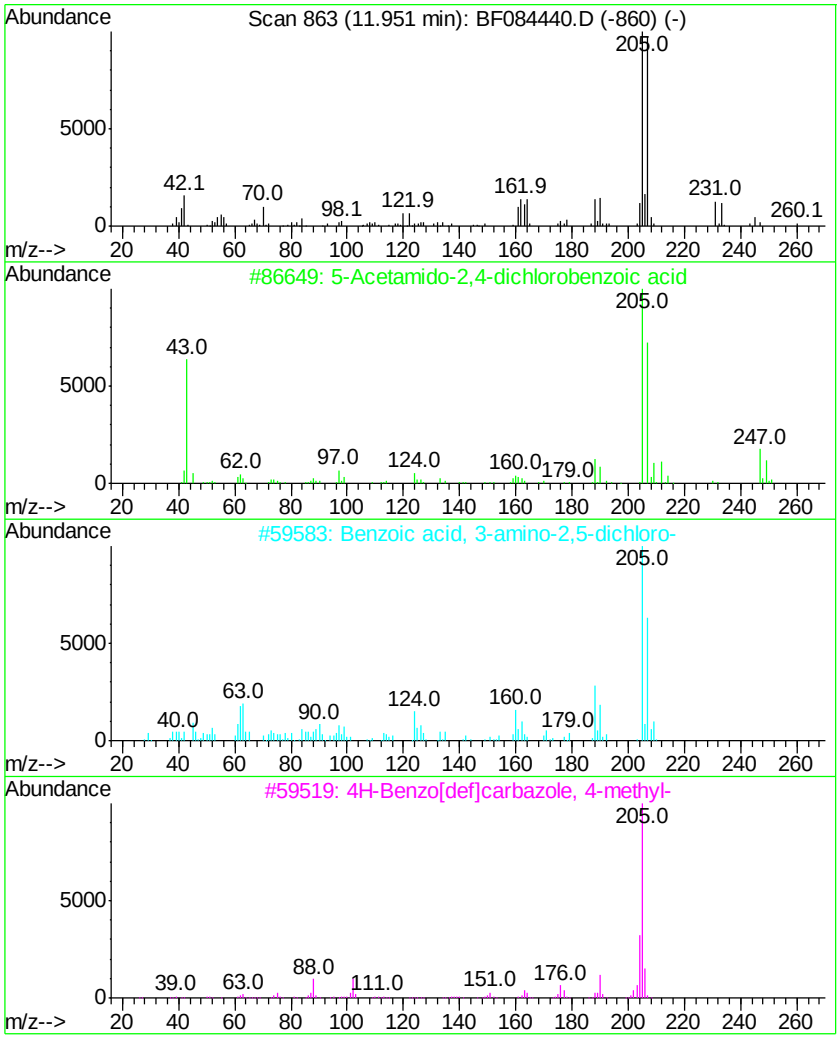
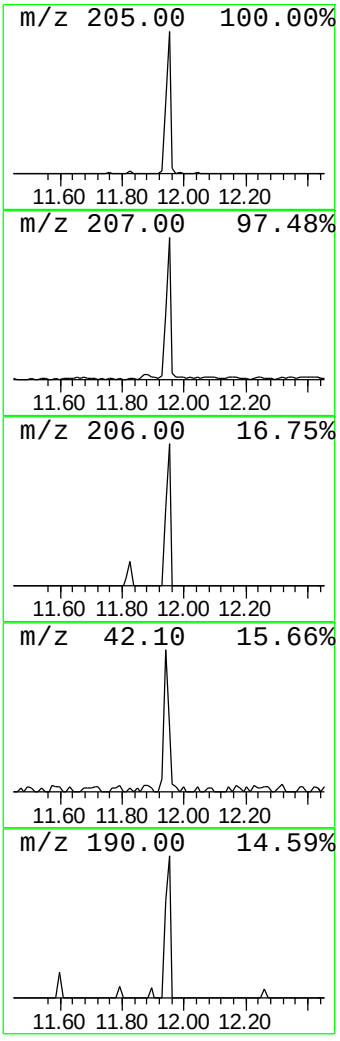
Peak Number 6 5-Acetamido-2,4-dichloroben... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.14 ng	226399	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	64
2	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	59
3	4H-Benzo[def]carbazole, 4-methyl-	205	C15H11N	084819-26-1	38
4	7-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-91-0	37
5	2-[4-Chlorophenyl]-5-pyrimidinamine	205	C10H8ClN3	1000213-57-9	32





Library Search Compound Report

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ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-20

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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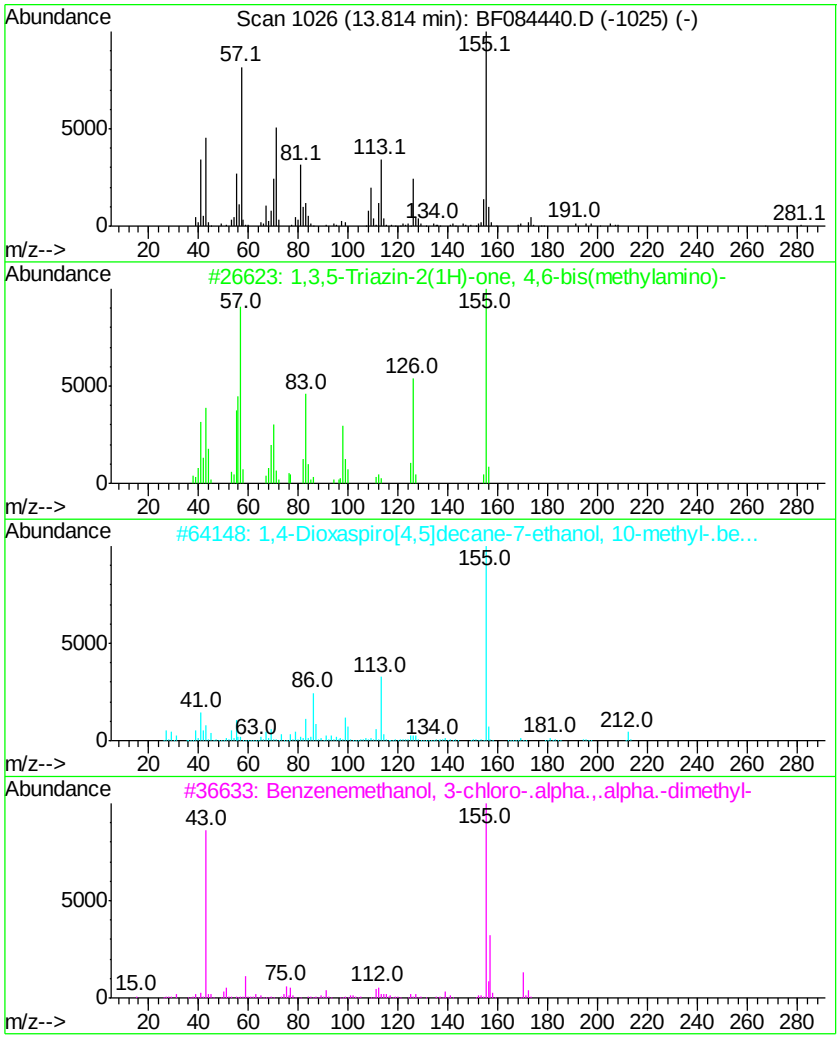
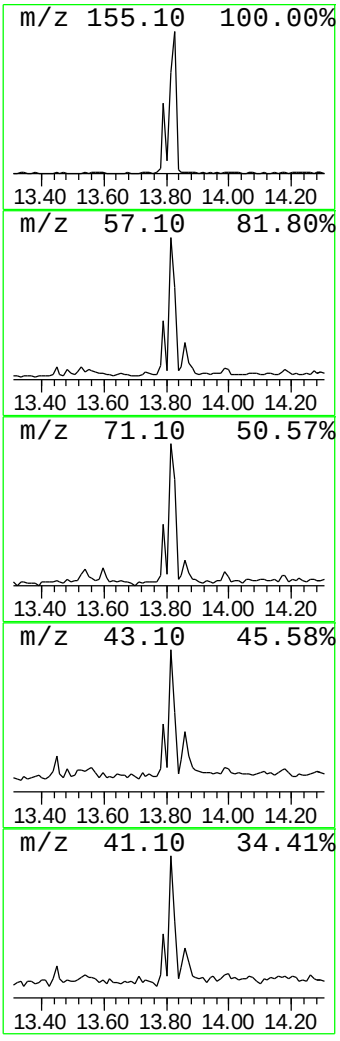
Peak Number 7 unknown13.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.26 ng	306276	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2(1H)-one, 4,6-bis...	155	C5H9N5O	055702-52-8	43
2	1,4-Dioxaspiro[4,5]decane-7-etha...	212	C12H20O3	020489-42-3	38
3	Benzenemethanol, 3-chloro-.alpha...	170	C9H11ClO	031002-87-6	35
4	Imidazole, 4-amino-5-ethoxycarbo...	155	C6H9N3O2	021190-16-9	35
5	4,6-Dihydroxypyrimidine, 5-amino...	155	C5H5N3O3	001074-97-1	27





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.01	11.9	ng	948412	1	6.84	1595730	20.0
unknown5.97	5.97	2.1	ng	166699	1	6.84	1595730	20.0
unknown10.83	10.83	2.1	ng	217629	4	11.37	2113460	20.0
5-Acetamido-2,4-d...	11.95	2.1	ng	226399	4	11.37	2113460	20.0
unknown13.81	13.81	4.3	ng	306276	5	14.00	1438290	20.0