LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084478.D
Acq On : 14 Jan 2016 9:12
Operator : SJ/UM
Sample : H1077-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-1-20160108

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	5.001	252	255	261	rVB	328278	467397	17.35%	1.448%
2	5.424	290	292	295	rBV	1436844	1705401	63.32%	5.282%
3	6.464	381	383	386	rBV	2022507	1716247	63.72%	5.316%
4	6.601	392	395	397	rBV	1852494	1835680	68.16%	5.686%
5	6.830	413	415	418	rBV	2394698	2012554	74.72%	6.233%
6	6.990	426	429	431	rBV	1424383	1402489	52.07%	4.344%
7	7.390	462	464	467	rBV	1122024	1052990	39.10%	3.261%
8	7.504	470	474	477	rBV2	16920	29622	1.10%	0.092%
9	8.122	525	528	530	rBV	2902298	2693366	100.00%	8.342%
10	9.196	619	622	624	rBV	2199838	1873779	69.57%	5.804%
11	9.596	655	657	659	rBV	253653	319712	11.87%	0.990%
12	9.733	666	669	671	rVB	61546	54679	2.03%	0.169%
13	9.813	673	676	679	rVV	20137	30053	1.12%	0.093%
14	9.870	679	681	683	rVV	2817948	2579711	95.78%	7.990%
15	9.905	683	684	686	rVB	60483	45449	1.69%	0.141%
16	10.076	697	699	700	rVB	36585	30667	1.14%	0.095%
17	10.282	715	717	718	rBV	31046	30215	1.12%	0.094%
18	10.305	718	719	721	rVB	44764	40362	1.50%	0.125%
19	10.419	727	729	732	rVB	55405	56035	2.08%	0.174%
20	10.533	732	739	740	rBV3	22421	69149	2.57%	0.214%
21	10.659	747	750	752	rBV	980565	953391	35.40%	2.953%
22	10.785	759	761	766	rBV	62877	97180	3.61%	0.301%
23	11.105	786	789	791	rBV3	31420	50938	1.89%	0.158%
24	11.162	791	794	796	rVB	37533	41763	1.55%	0.129%
25	11.230	796	800	801	rBV2	77502	100312	3.72%	0.311%
26	11.356	809	811	812	rBV	2646438	2323759	86.28%	7.197%
27	11.425	815	817	819	rVB	155713	165367	6.14%	0.512%
28	11.539	822	827	828	rBV4	18768	47387	1.76%	0.147%
29	11.585	829	831	835	rBV2	95567	171451	6.37%	0.531%
30	11.653	835	837	839	rBV	54849	53309	1.98%	0.165%
31	11.859	852	855	856	rBV	86908	101621	3.77%	0.315%
32	11.882	856	857	859	rVV	128366	119342	4.43%	0.370%
33	11.928	859	861	862	rVV	61369	82883	3.08%	0.257%
34	11.962	862	864	869	rVV2	130424	259496	9.63%	0.804%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.065	871	873	878	rVV5	38589	64603	2.40%	0.200%
36	12.145	878	880	884	rVB3	56883	133883	4.97%	0.415%
37	12.408	900	903	904	rBV	75737	94497	3.51%	0.293%
38	12.442	904	906	909	rVB4	38986	73959	2.75%	0.229%
39	12.488	909	910	912	rVB	51138	47047	1.75%	0.146%
40	12.568	914	917	919	rBV	655563	691301	25.67%	2.141%
41	12.625	919	922	924	rBV3	30896	77987	2.90%	0.242%
42	12.659	924	925	926	rVV	35973	28592	1.06%	0.089%
43	12.796	933	937	938	rBV	517673	746984	27.73%	2.314%
44	12.934	948	949	952	rVB	965064	1130462	41.97%	3.501%
45	13.014	952	956	958	rBV2	46160	44020	1.63%	0.136%
46	13.185	969	971	972	rBV2	51001	60336	2.24%	0.187%
47	13.219	972	974	976	rBV	99928	186721	6.93%	0.578%
48	13.311	980	982	984	rVV	88993	153666	5.71%	0.476%
49	13.768	1017	1022	1023	rBV4	142238	413495	15.35%	1.281%
50	13.985	1039	1041	1045	rBV2	1492771	2199085	81.65%	6.811%
51	15.002	1128	1130	1136	rVB	384832	887161	32.94%	2.748%
52	15.345	1158	1160	1164	rVB	307636	533473	19.81%	1.652%
53	15.414	1164	1166	1176	rVB	1310623	2105929	78.19%	6.523%

Sum of corrected areas: 32286957

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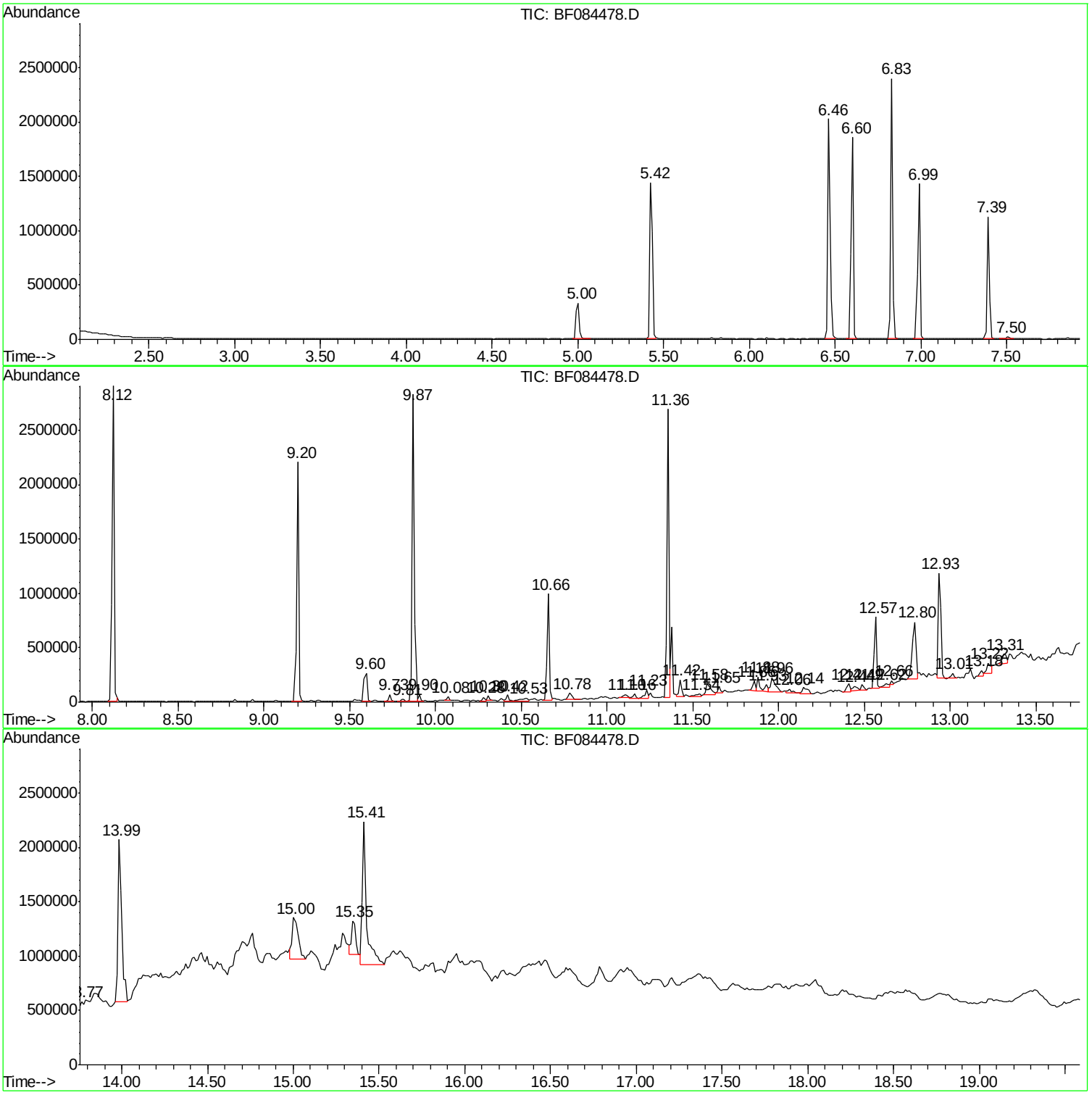
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POST-EX-1-20160108

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084478.D
Acq On : 14 Jan 2016 9:12
Operator : SJ/UM
Sample : H1077-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POST-EX-1-20160108

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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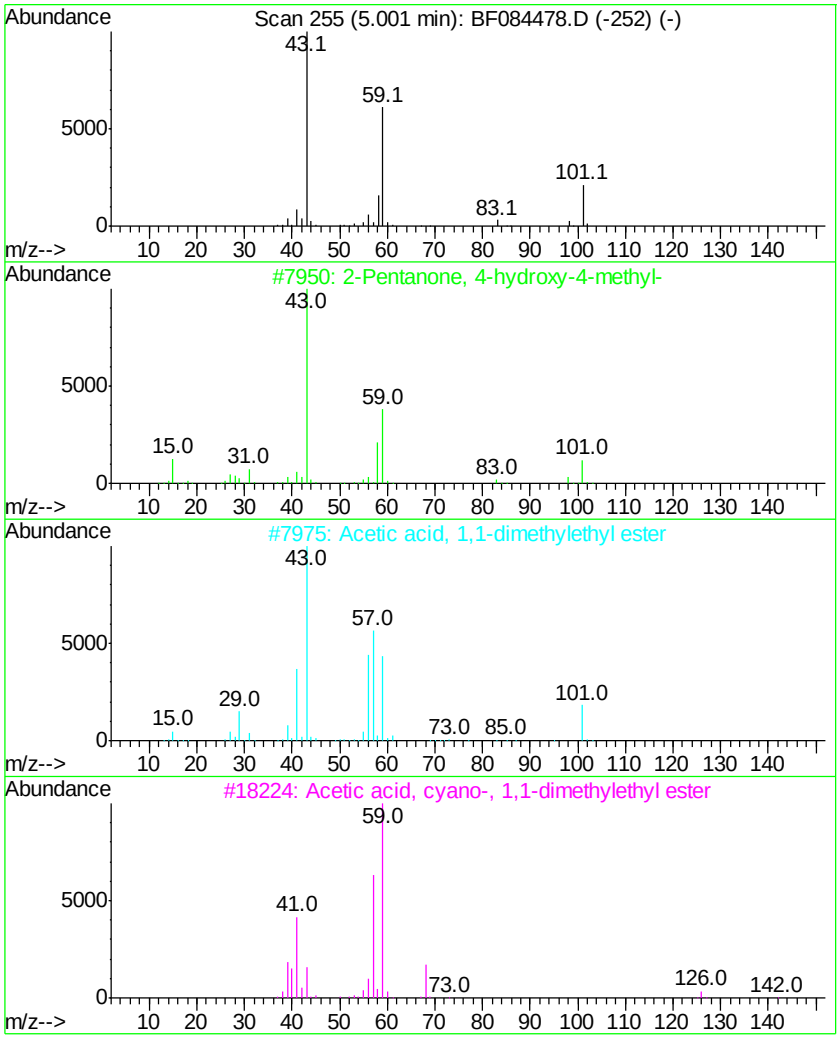
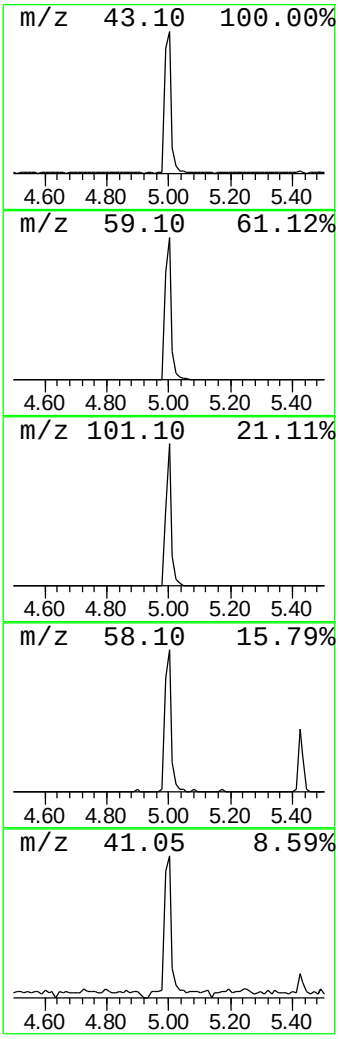
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	4.64 ng	467397	1,4-Dichlorobenzene-d4	6.83

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
ClientSampleId : POST-EX-1-20160108

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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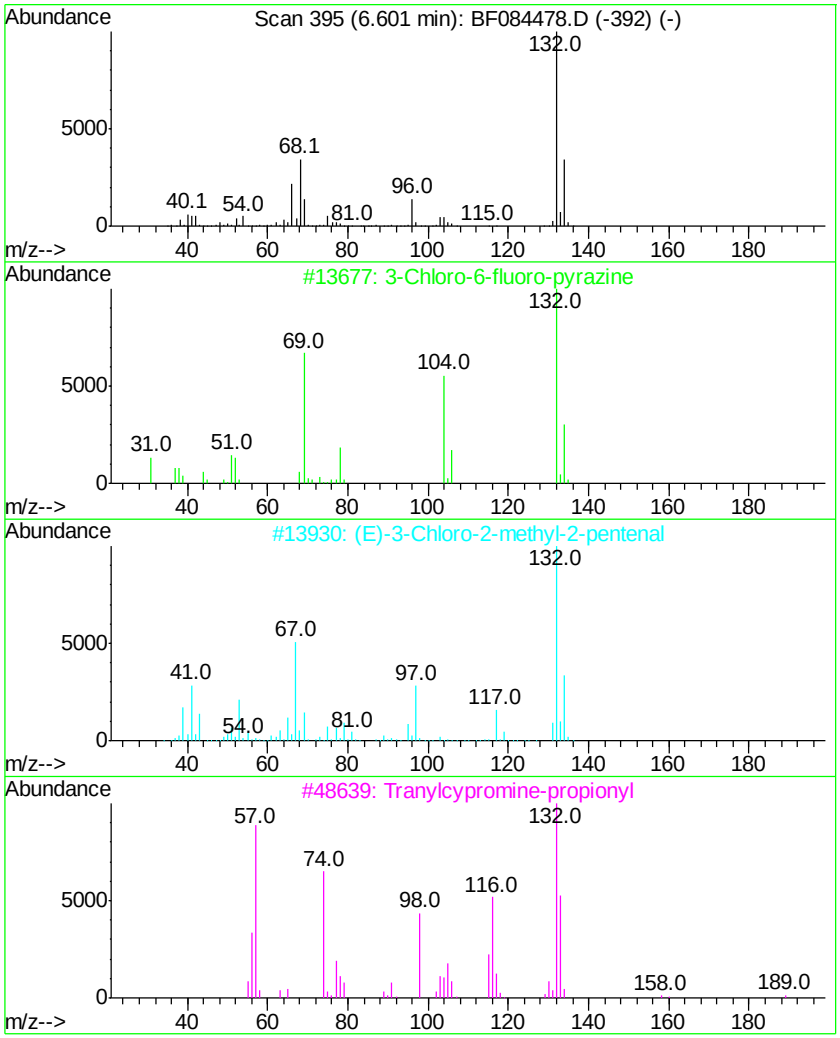
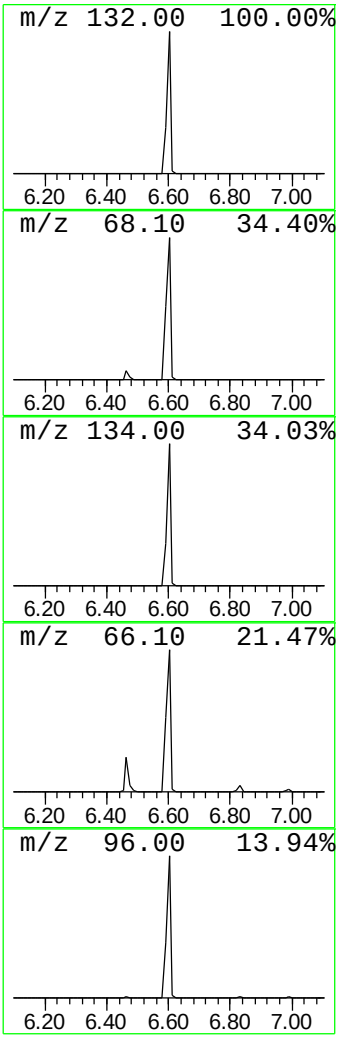
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	18.24 ng	1835680	1,4-Dichlorobenzene-d4	6.83

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Sample : H1077-01 5X
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ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
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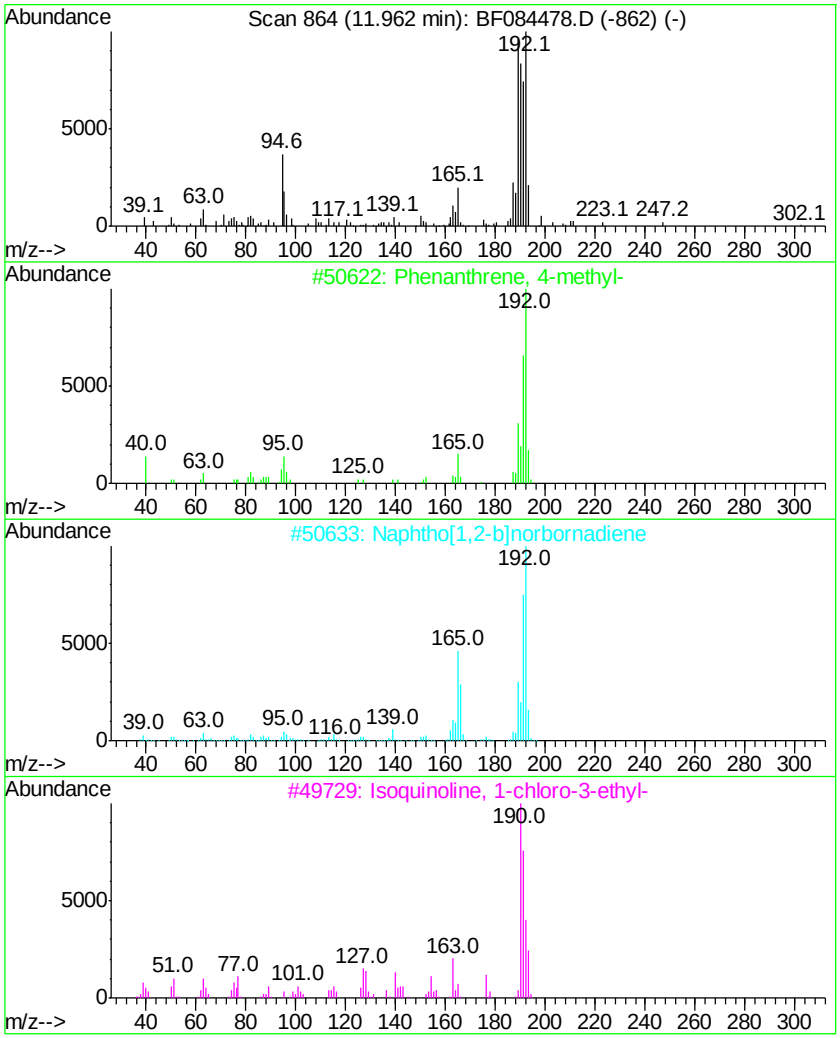
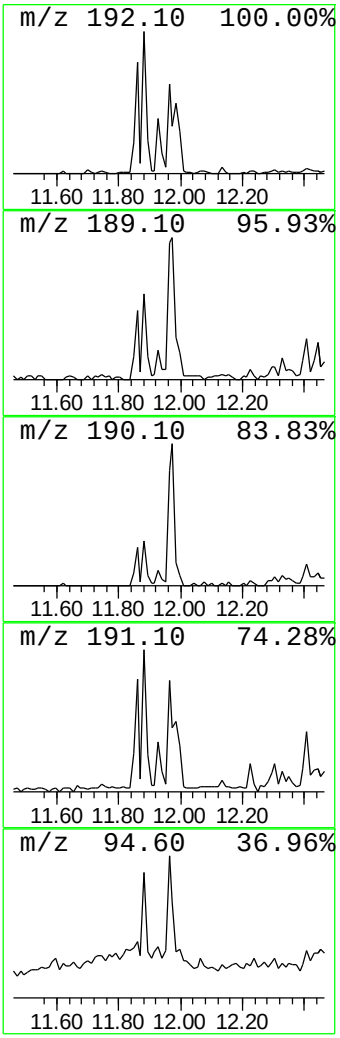
Peak Number 4 unknown11.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.23 ng	259496	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	45
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	45
3	Isoquinoline, 1-chloro-3-ethyl-	191	C11H10ClN	055150-52-2	43
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	43
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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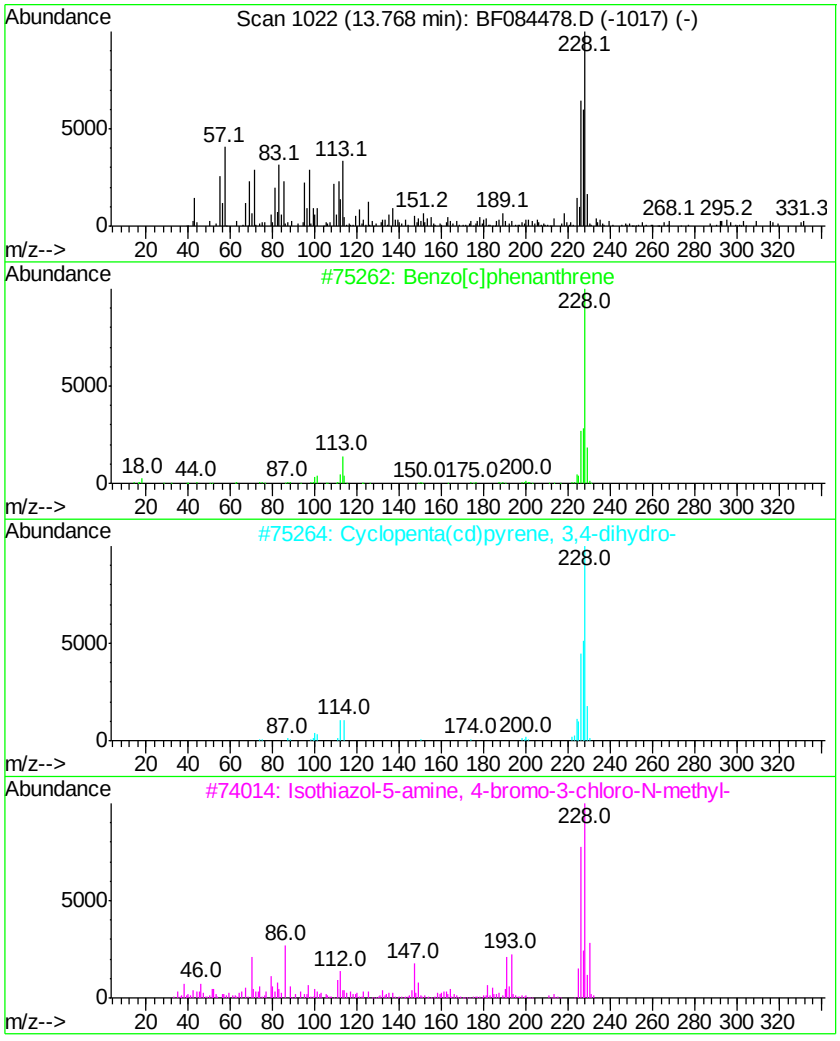
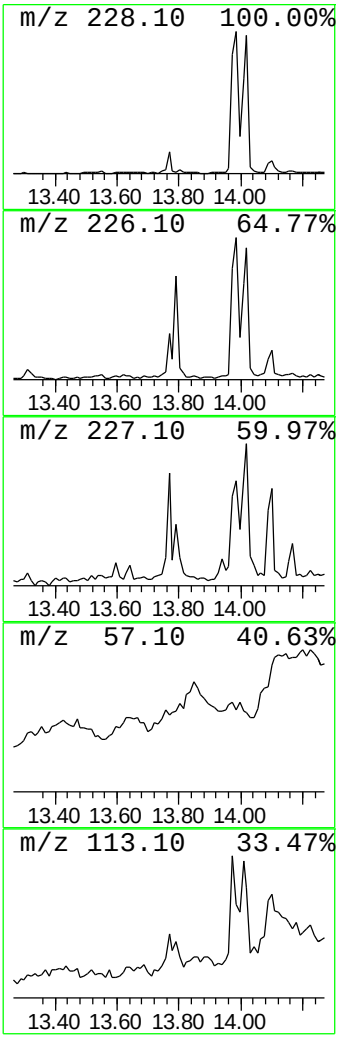
Peak Number 5 unknown13.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.76 ng	413495	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	38
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	38
4	Triphenylene	228	C18H12	000217-59-4	25
5	Chrysene	228	C18H12	000218-01-9	25





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
2-Pentanone, 4-hy...	5.00	4.6	ng	467397	1	6.83	2012550	20.0
unknown6.60	6.60	18.2	ng	1835680	1	6.83	2012550	20.0
unknown11.96	11.96	2.2	ng	259496	4	11.36	2323760	20.0
unknown13.77	13.77	3.8	ng	413495	5	13.99	2199090	20.0