LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093253.D
Acq On : 28 Feb 2017 17:23
Operator : SJ/MA
Sample : I2017-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK3-5-20170227

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-BF013017.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	4.967	249	252	263	rBV	919073	1283076	36.80%	3.613%
2	5.413	288	291	293	rBV	2898855	3120020	89.49%	8.785%
3	6.464	380	383	391	rBV	3145944	3486405	100.00%	9.816%
4	6.579	391	393	396	rBV	2803408	2874260	82.44%	8.093%
5	6.807	411	413	416	rBV	968735	858280	24.62%	2.417%
6	6.967	424	427	429	rBV	2543609	2399442	68.82%	6.756%
7	7.379	460	463	465	rBV	2167686	1975595	56.67%	5.563%
8	8.099	523	526	528	rBV	818957	1057290	30.33%	2.977%
9	9.173	617	620	622	rBV	2461640	3086431	88.53%	8.690%
10	9.562	652	654	657	rBV	232097	201791	5.79%	0.568%
11	9.848	676	679	681	rBV	1091888	1099906	31.55%	3.097%
12	10.271	715	716	720	rVB	57400	52786	1.51%	0.149%
13	10.636	745	748	750	rBV	1537092	1483278	42.54%	4.176%
14	10.739	756	757	762	rVB	54864	98062	2.81%	0.276%
15	10.945	771	775	779	rBV6	15672	47378	1.36%	0.133%
16	11.082	783	787	790	rVV3	14275	40908	1.17%	0.115%
17	11.139	790	792	794	rVV	44703	46276	1.33%	0.130%
18	11.196	794	797	798	rVV2	53999	76492	2.19%	0.215%
19	11.219	798	799	802	rVB2	31947	44232	1.27%	0.125%
20	11.333	806	809	813	rBV2	859777	1399892	40.15%	3.942%
21	11.402	813	815	817	rVB	55424	61010	1.75%	0.172%
22	11.562	826	829	832	rBV3	27619	59272	1.70%	0.167%
23	11.665	836	838	840	rVB	27374	37049	1.06%	0.104%
24	11.836	850	853	854	rBV	76699	116034	3.33%	0.327%
25	11.859	854	855	857	rVB	163589	127674	3.66%	0.359%
26	11.939	860	862	867	rVB2	142930	223860	6.42%	0.630%
27	12.122	877	878	880	rVV	61812	72829	2.09%	0.205%
28	12.156	880	881	883	rVB	125212	109736	3.15%	0.309%
29	12.271	888	891	893	rBV3	32329	51103	1.47%	0.144%
30	12.385	899	901	902	rBV	83689	108088	3.10%	0.304%
31	12.419	902	904	907	rVV	54134	104213	2.99%	0.293%
32	12.465	907	908	911	rVV	77388	115759	3.32%	0.326%
33	12.545	912	915	917	rVV	832013	795835	22.83%	2.241%
34	12.602	917	920	922	rVV2	29741	58685	1.68%	0.165%

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Integrator: RTE
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.682	925	927	930	rBV2	54683	93519	2.68%	0.263%
36	12.774	932	935	937	rVV	756223	845555	24.25%	2.381%
37	12.819	937	939	943	rVB2	38035	64107	1.84%	0.181%
38	12.911	945	947	950	rVV	2031067	2134152	61.21%	6.009%
39	12.991	951	954	958	rBV3	78874	164586	4.72%	0.463%
40	13.082	960	962	965	rVB2	59678	136621	3.92%	0.385%
41	13.208	970	973	976	rVV2	80377	151999	4.36%	0.428%
42	13.299	979	981	982	rBV2	66509	68558	1.97%	0.193%
43	13.322	982	983	987	rVV	67567	92121	2.64%	0.259%
44	13.482	995	997	998	rBV	30993	46407	1.33%	0.131%
45	13.608	1006	1008	1010	rVB	136364	135794	3.89%	0.382%
46	13.722	1015	1018	1021	rBV2	106898	248362	7.12%	0.699%
47	13.768	1021	1022	1023	rVV	52409	59050	1.69%	0.166%
48	13.814	1024	1026	1029	rVB3	136010	219222	6.29%	0.617%
49	13.974	1036	1040	1044	rBV2	870800	1844150	52.90%	5.192%
50	14.362	1071	1074	1075	rBV	65970	112125	3.22%	0.316%
51	14.991	1126	1129	1136	rBV	332878	660495	18.94%	1.860%
52	15.277	1151	1154	1157	rVB	182792	228758	6.56%	0.644%
53	15.334	1157	1159	1162	rBV	239883	305578	8.76%	0.860%
54	15.391	1162	1164	1167	rBV	601818	778131	22.32%	2.191%
55	16.785	1283	1286	1290	rVB	84465	185748	5.33%	0.523%
56	17.197	1320	1322	1328	rVB	79855	167999	4.82%	0.473%

Sum of corrected areas: 35515984

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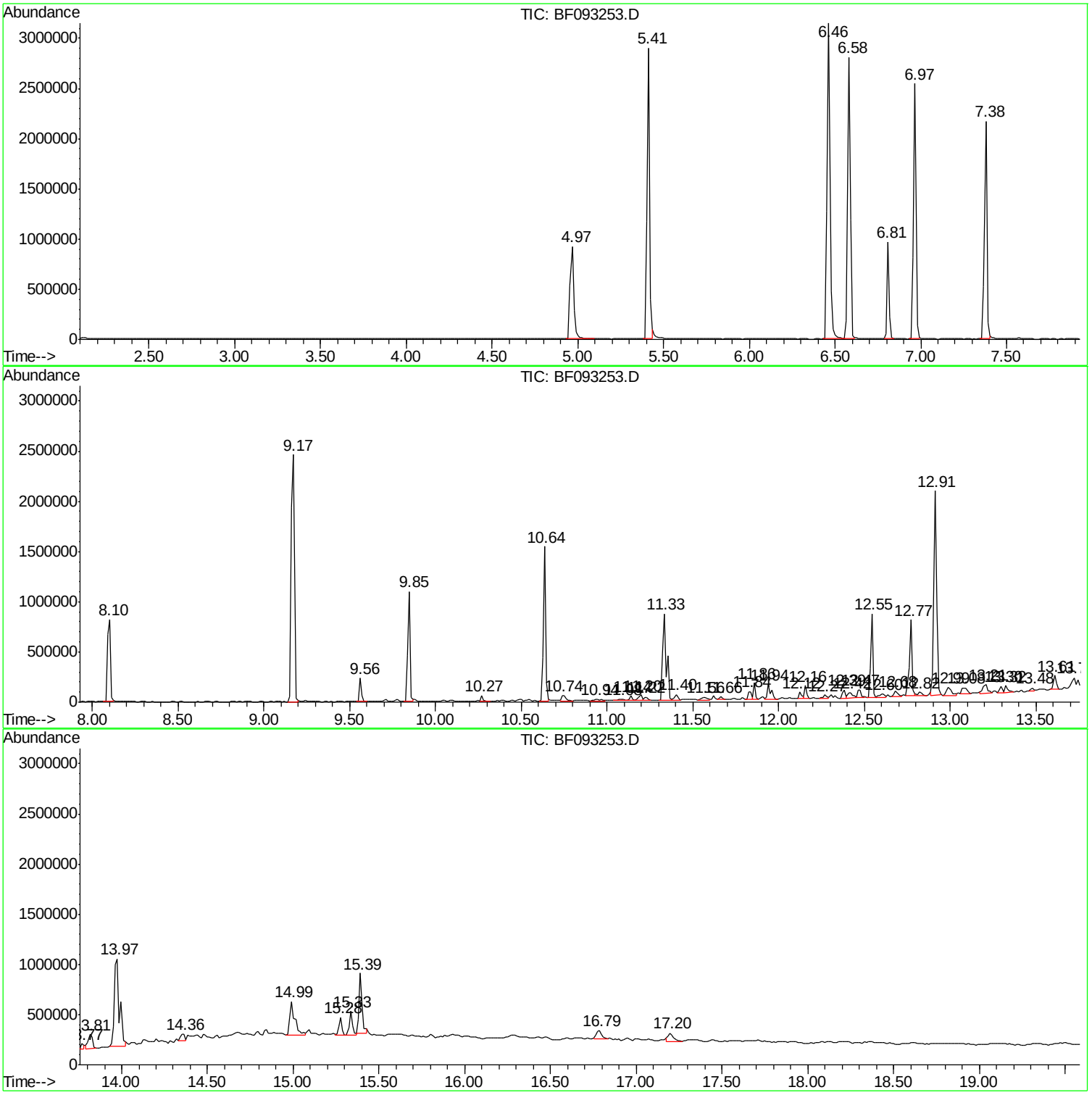
Instrument :
BNA_F
ClientSampleId :
TK3-5-20170227

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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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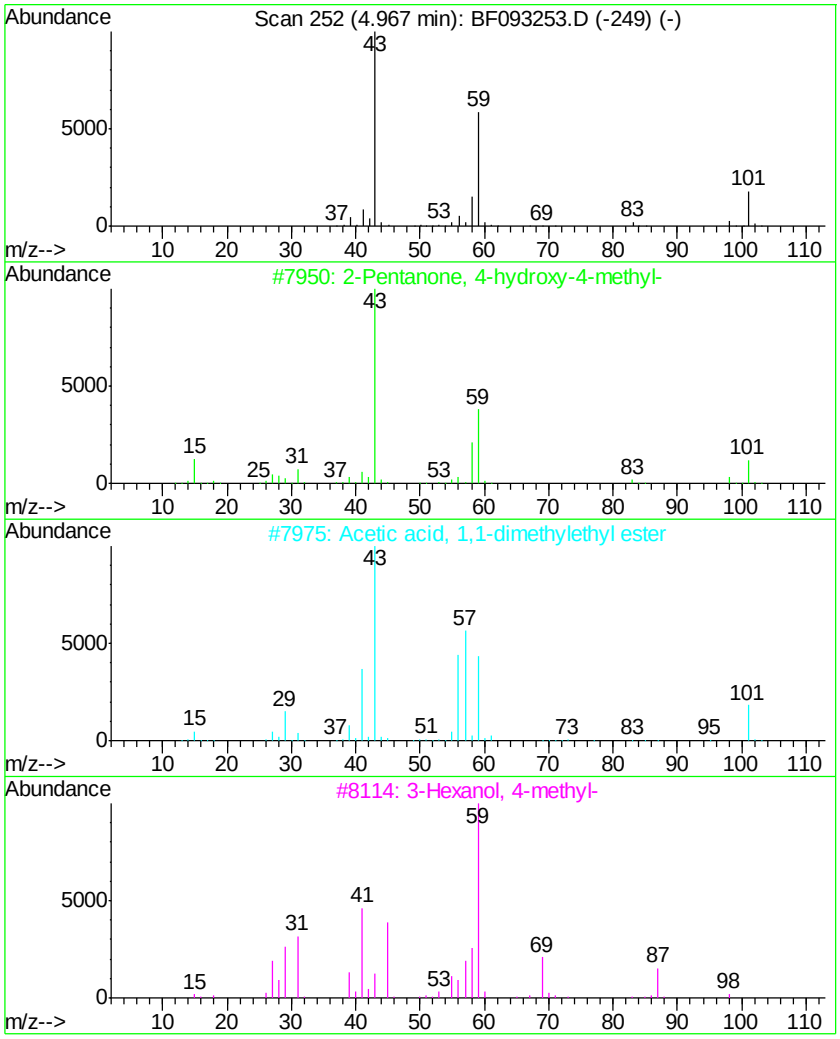
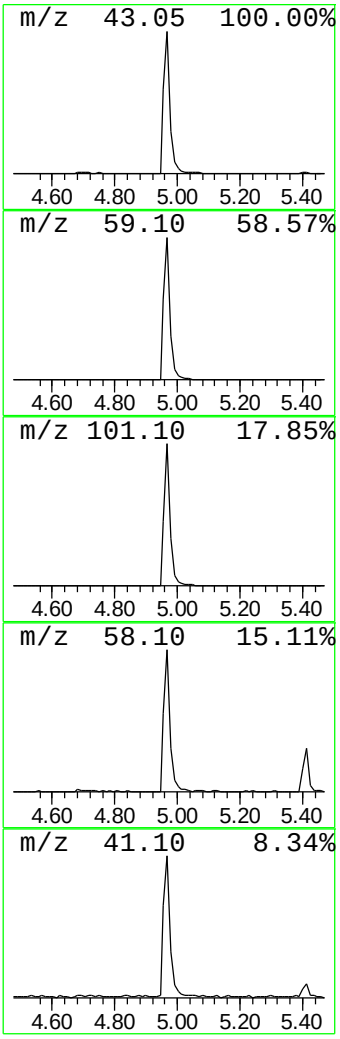
****

Peak Number 1 unknown4.97 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	29.90 ng	1283080	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
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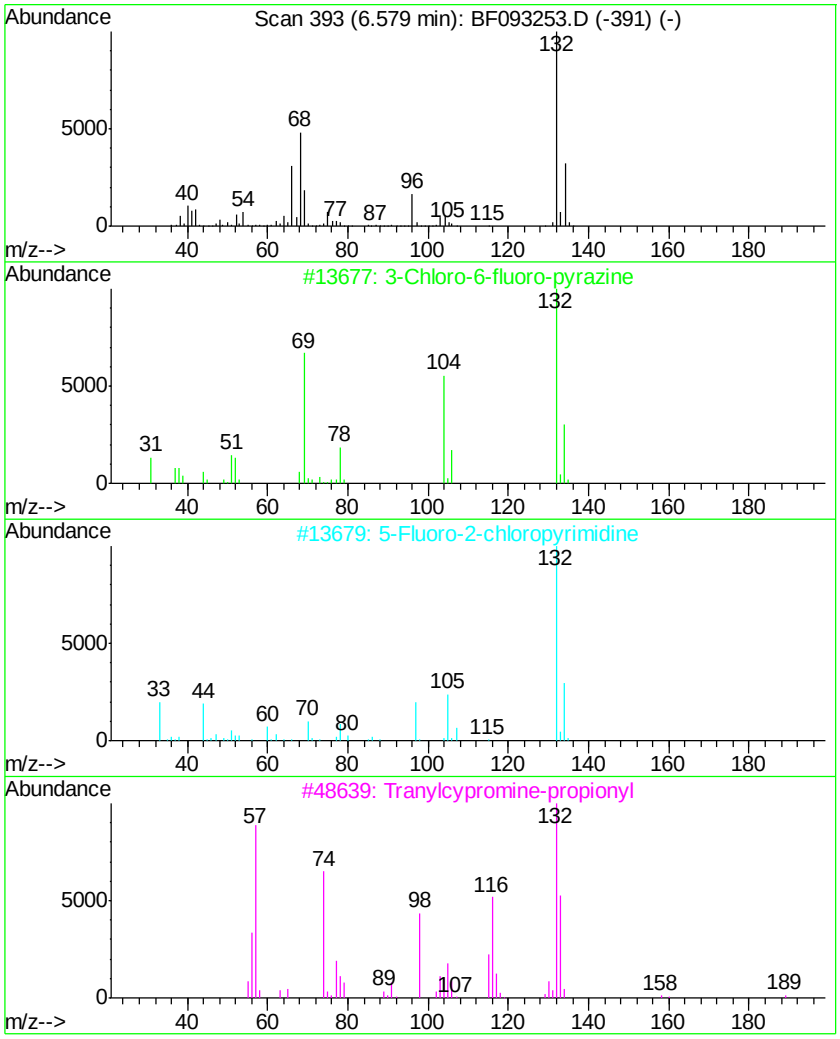
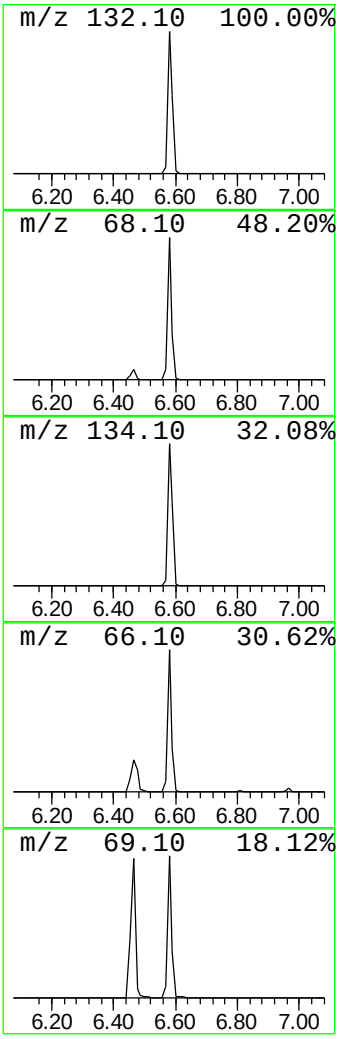
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	66.98 ng	2874260	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





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Sample : I2017-06
Misc :
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Instrument : BNA_F
ClientSampleId : TK3-5-20170227

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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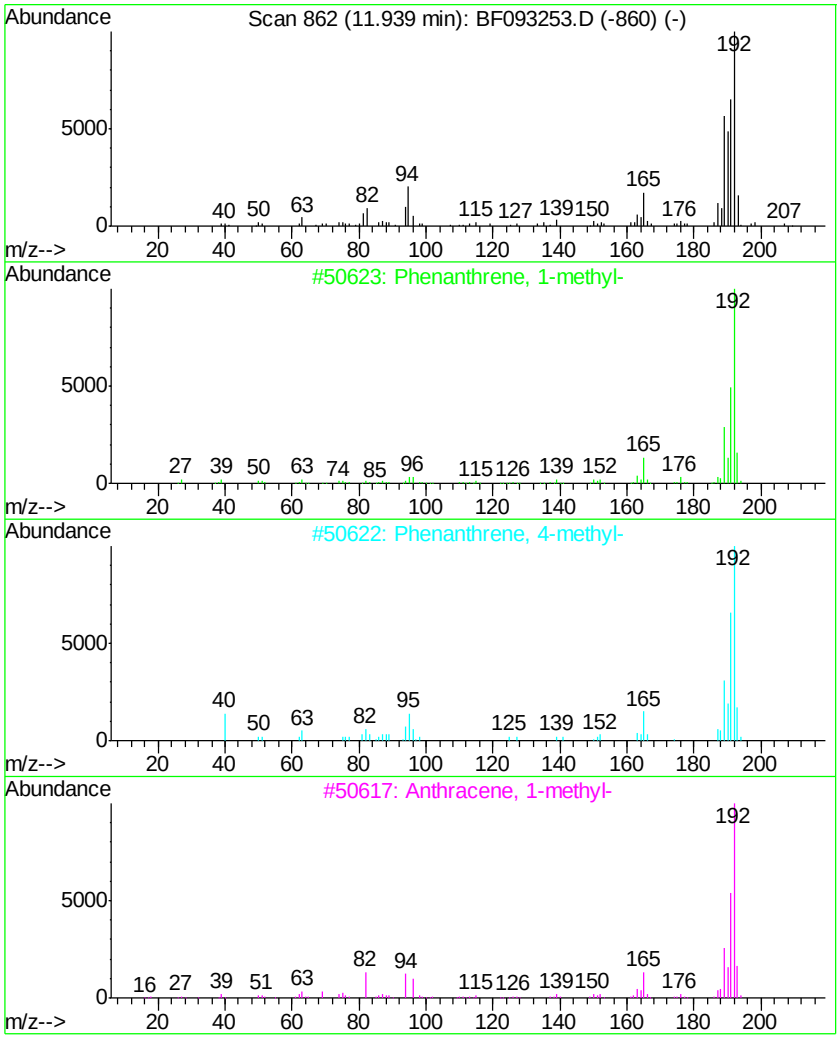
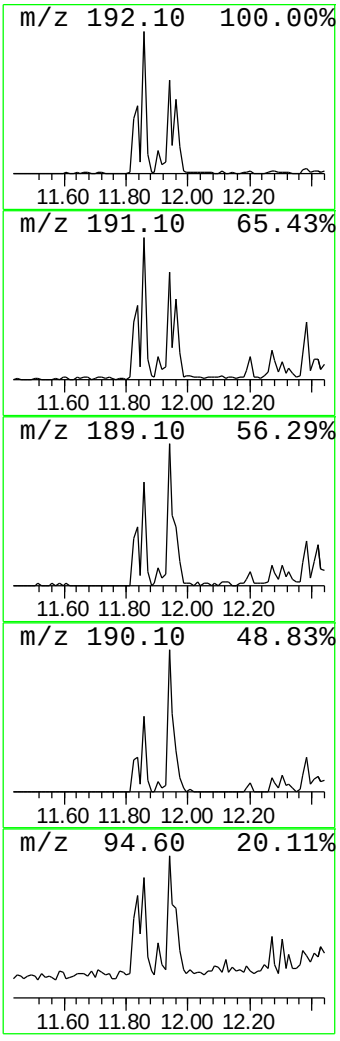
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	3.20 ng	223860	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	53





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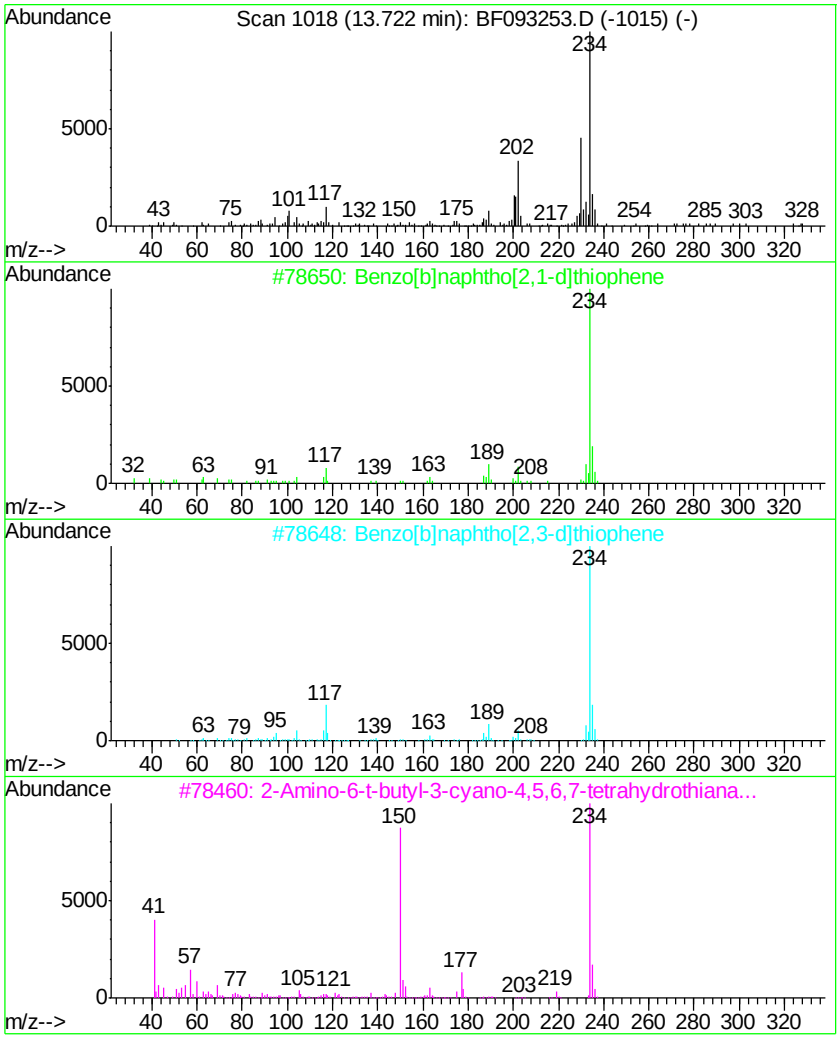
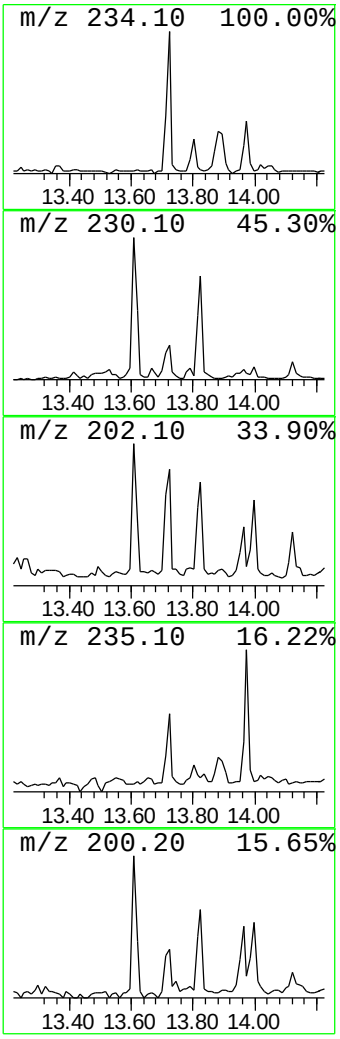
Peak Number 5 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	2.69 ng	248362	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	58
3	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	43
4	Thiazol-2-amine, 4-(1-adamantyl)-	234	C13H18N2S	019735-74-1	38
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	38





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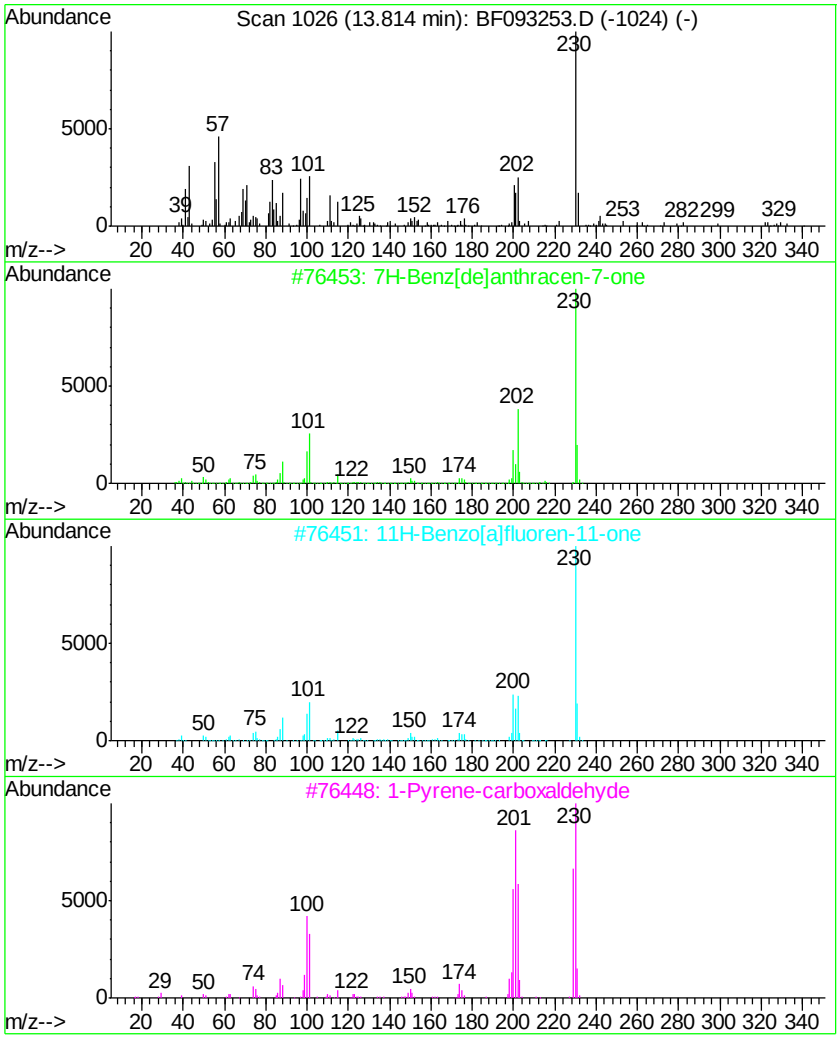
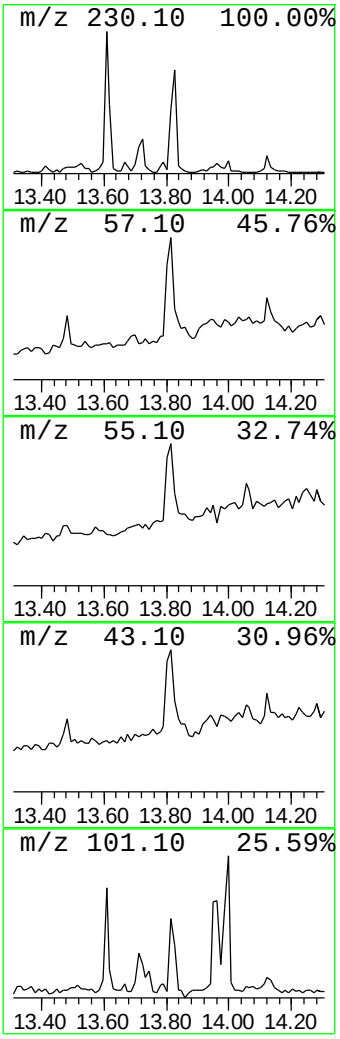
Peak Number 6 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	2.38 ng	219222	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	53
3	1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	42
4	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	39
5	9-Xanthenone, 3-chloro-	230	C13H7ClO2	027063-50-9	38





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
unknown4.97	4.97	29.9	ng	1283080	1	6.81	858280	20.0
unknown6.58	6.58	67.0	ng	2874260	1	6.81	858280	20.0
Phenanthrene, 1-m...	11.94	3.2	ng	223860	4	11.33	1399890	20.0
Benzo[b]naphtho[2...	13.72	2.7	ng	248362	5	13.97	1844150	20.0
7H-Benz[de]anthra...	13.81	2.4	ng	219222	5	13.97	1844150	20.0