LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092383.D
Acq On : 20 Jan 2017 20:10
Operator : UM/SJ
Sample : I1265-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

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-BF122116.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	4.621	246	248	254	rBV	20158	36302	2.60%	0.346%
2	5.124	290	292	303	rBV	46824	106473	7.64%	1.013%
3	6.210	384	387	393	rBV	68785	129795	9.31%	1.235%
4	6.302	393	395	398	rVV	119507	128286	9.20%	1.221%
5	6.519	412	414	417	rBV	1154560	1088413	78.05%	10.359%
6	6.679	426	428	432	rBV	137199	135715	9.73%	1.292%
7	7.102	463	465	468	rBV	65296	78578	5.63%	0.748%
8	7.810	525	527	530	rBV	1613553	1394524	100.00%	13.272%
9	8.896	619	622	624	rVB	136796	174441	12.51%	1.660%
10	8.988	624	630	632	rBV5	7512	20520	1.47%	0.195%
11	9.228	649	651	652	rBV	11526	15848	1.14%	0.151%
12	9.296	655	657	660	rBV2	29988	39693	2.85%	0.378%
13	9.422	666	668	671	rBV	66677	63682	4.57%	0.606%
14	9.559	677	680	682	rBV	1567305	1332681	95.57%	12.684%
15	9.765	693	698	700	rBV5	12739	24258	1.74%	0.231%
16	9.879	706	708	711	rBV3	15122	24939	1.79%	0.237%
17	10.016	717	720	722	rBV2	13556	19353	1.39%	0.184%
18	10.108	726	728	731	rVB	10385	19196	1.38%	0.183%
19	10.222	736	738	740	rVV2	17318	27713	1.99%	0.264%
20	10.348	747	749	751	rBV2	63156	71268	5.11%	0.678%
21	10.496	758	762	764	rVB2	32771	57095	4.09%	0.543%
22	10.656	773	776	777	rBV2	9175	17116	1.23%	0.163%
23	10.805	786	789	792	rBV5	8911	17959	1.29%	0.171%
24	10.931	798	800	801	rBV2	14215	20044	1.44%	0.191%
25	10.953	801	802	805	rVB	32035	31318	2.25%	0.298%
26	11.033	807	809	813	rBV	1251163	1177429	84.43%	11.206%
27	11.113	813	816	818	rVB	54027	49529	3.55%	0.471%
28	11.536	851	853	854	rBV	41211	42324	3.04%	0.403%
29	11.571	854	856	857	rVB	36036	43613	3.13%	0.415%
30	11.616	857	860	861	rBV	27278	30988	2.22%	0.295%
31	11.651	861	863	868	rVB	63576	133144	9.55%	1.267%
32	11.731	868	870	871	rBV2	19228	23088	1.66%	0.220%
33	11.834	876	879	880	rVV2	24515	45541	3.27%	0.433%
34	11.868	880	882	884	rVB2	23887	32293	2.32%	0.307%

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Misc :
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.016	893	895	896	rBV	21048	28529	2.05%	0.272%
36	12.085	899	901	902	rBV	66440	66471	4.77%	0.633%
37	12.119	902	904	907	rVB2	36643	65436	4.69%	0.623%
38	12.176	907	909	910	rBV	28546	32963	2.36%	0.314%
39	12.245	913	915	917	rBV	244122	258306	18.52%	2.458%
40	12.291	917	919	922	rVB3	14707	21596	1.55%	0.206%
41	12.405	926	929	932	rBV4	30245	76376	5.48%	0.727%
42	12.462	932	934	936	rBV	251172	351362	25.20%	3.344%
43	12.531	938	940	942	rVB2	24476	35510	2.55%	0.338%
44	12.622	944	948	952	rBV	159487	232008	16.64%	2.208%
45	12.691	952	954	957	rBV3	41003	72189	5.18%	0.687%
46	12.805	960	964	965	rBV	56355	112736	8.08%	1.073%
47	12.862	967	969	971	rBV	38547	42532	3.05%	0.405%
48	12.908	971	973	976	rBV	46390	77450	5.55%	0.737%
49	12.988	978	980	982	rBV	33445	53505	3.84%	0.509%
50	13.022	982	983	985	rVB	42799	39213	2.81%	0.373%
51	13.662	1036	1039	1044	rBV2	950172	1257843	90.20%	11.972%
52	14.668	1124	1127	1132	rBV2	129228	276050	19.80%	2.627%
53	14.965	1151	1153	1155	rBV	119637	144063	10.33%	1.371%
54	15.022	1155	1158	1160	rBV	401500	609670	43.72%	5.803%

Sum of corrected areas: 10506967

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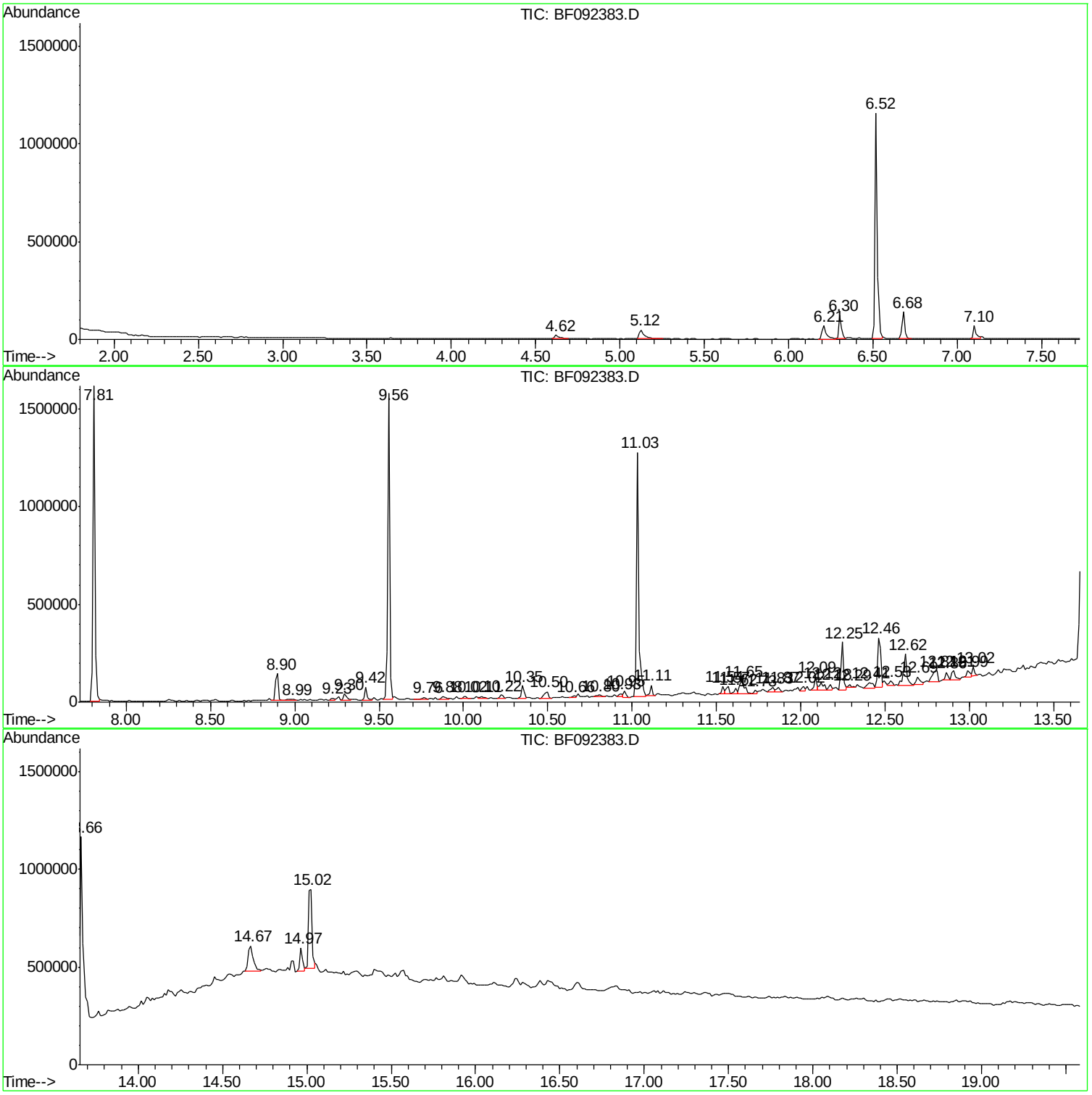
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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\BF012017\
Data File : BF092383.D
Acq On : 20 Jan 2017 20:10
Operator : UM/SJ
Sample : I1265-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

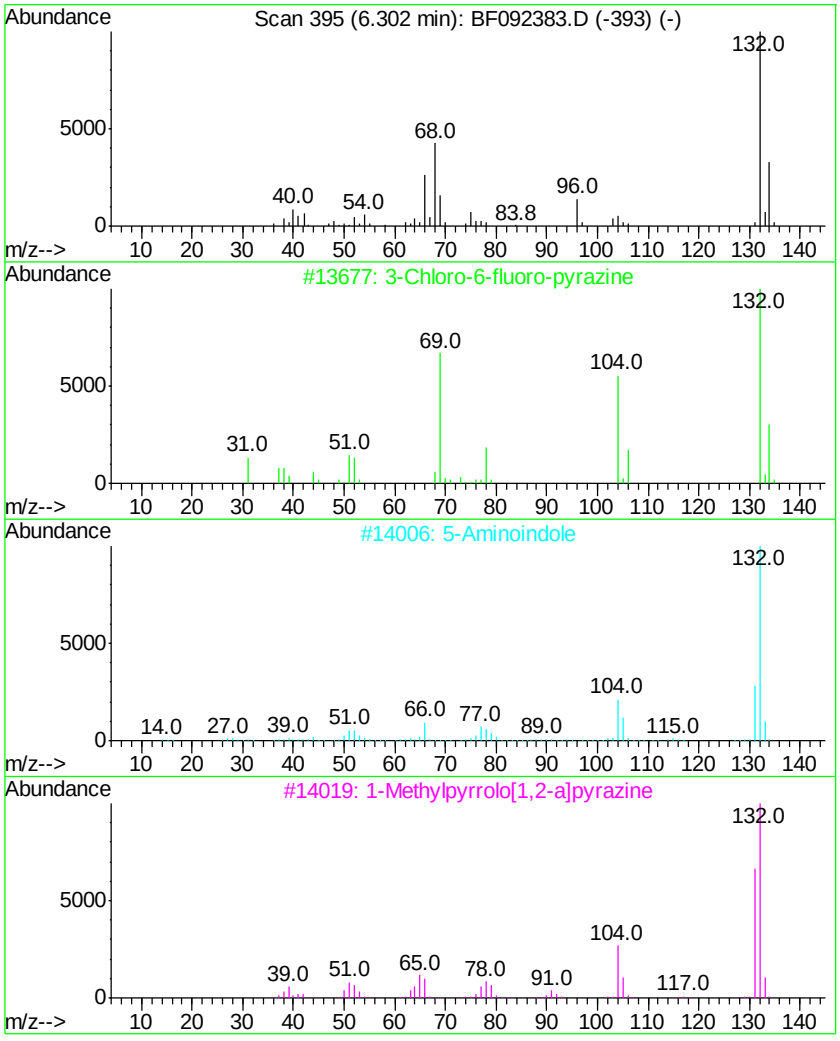
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

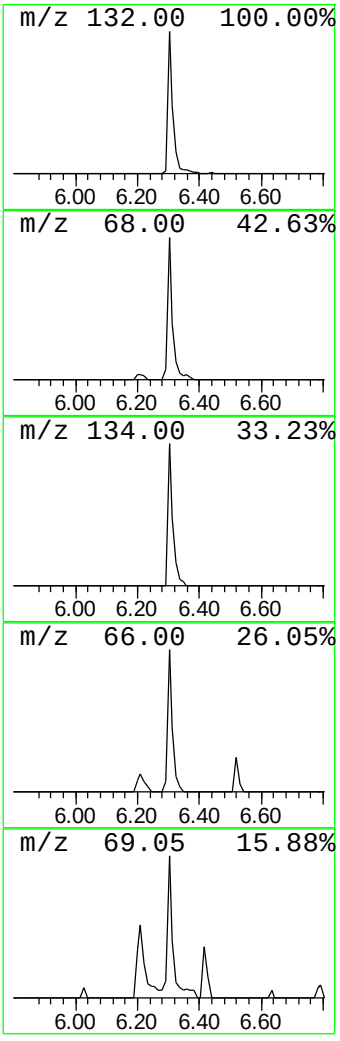
****

Peak Number 1 unknown6.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.36 ng	128286	1,4-Dichlorobenzene-d4	6.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : B-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

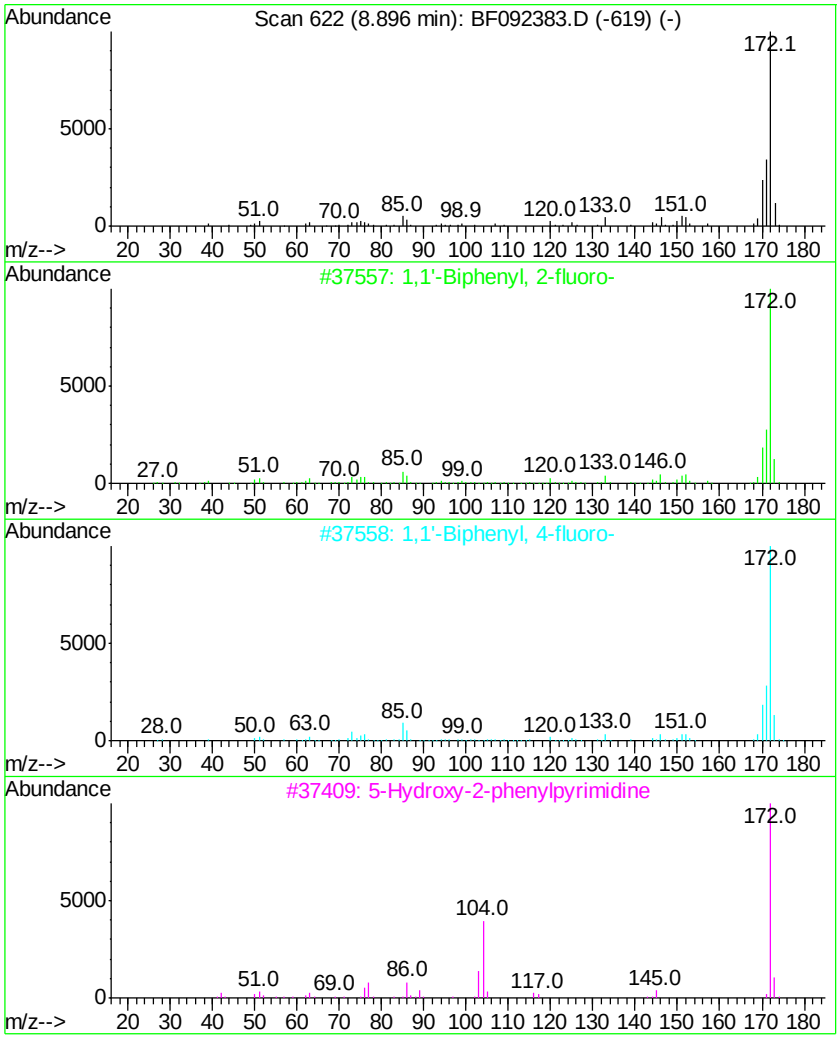
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

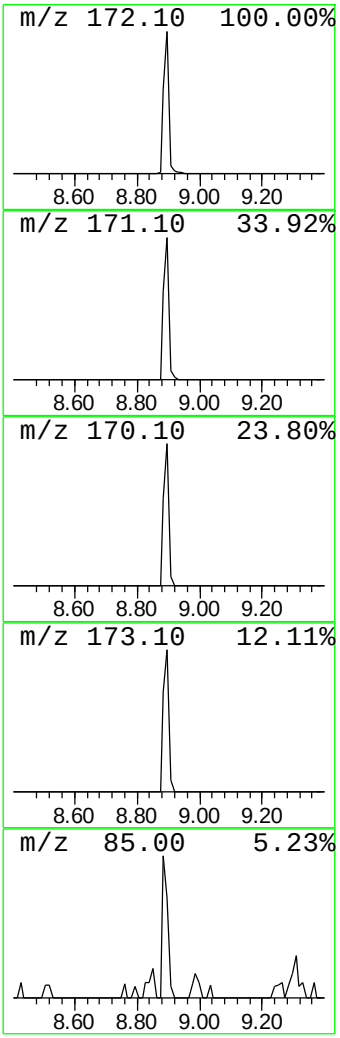
****

Peak Number 3 1,1'-Biphenyl, 2-fluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	2.62 ng	174441	Acenaphthene-d10	9.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	95
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	93
3	5-Hydroxy-2-phenylpyrimidine	172	C10H8N2O	066739-85-3	46
4	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42
5	Imidazole, 5-phenyl-1,4-dimethyl-	172	C11H12N2	062576-11-8	25





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
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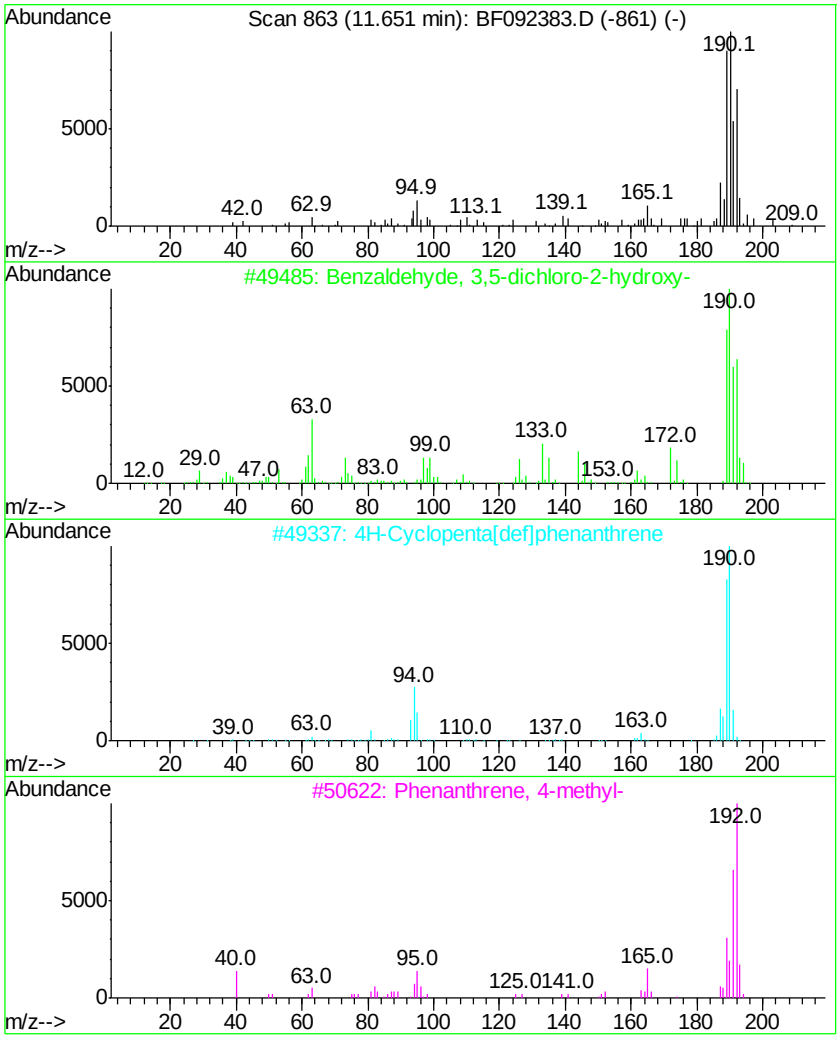
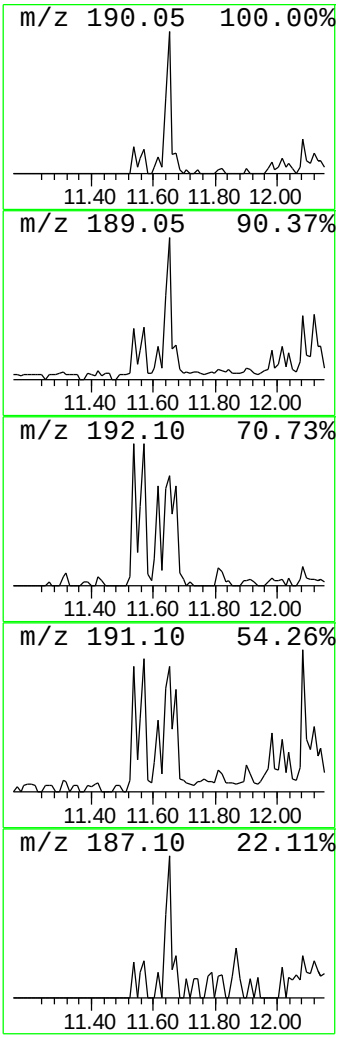
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.26 ng	133144	Phenanthrene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	35





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.30	6.30	2.4	ng	128286	1	6.52	1088410	20.0
1,1'-Biphenyl, 2-...	8.90	2.6	ng	174441	3	9.56	1332680	20.0
Benzaldehyde, 3,5...	11.65	2.3	ng	133144	4	11.03	1177430	20.0