Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009708.D
Acq On : 11 Feb 2020 17:31
Operator : CG/JU
Sample : L1324-05MEDL2 40X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL2

Manual Integrations APPROVED
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Quant Time: Feb 12 03:02:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 00:52:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	115719	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	504004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	310669	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	644525	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	618850	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	622589	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	4211m	0.42	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	2489	0.37	ng/ul	0.02
9) 2-Chlorophenol-d4	6.98	132	3168	0.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.18	113	3105m	0.39	ng/ul	0.04
19) Nitrobenzene-d5	8.59	128	1472	0.39	ng/ul	0.02
22) 2-Nitrophenol-d4	9.29	143	1128	0.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.85	165	2500	0.32	ng/ul	0.04
29) 4-Chloroaniline-d4	10.36	131	3963m	0.47	ng/ul	0.03
43) Dimethylphthalate-d6	13.50	166	13422	0.59	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	14581	0.53	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	11795	0.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.92	188	20712	0.71	ng/ul	0.00
78) Pyrene-d10	19.23	212	21078	0.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	19782	0.65	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	661170	24.191	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	201008	10.509	ng/ul	98
40) 1,1'-Biphenyl	12.89	154	38818	1.605	ng/ul	100
47) Acenaphthylene	13.78	152	177090	5.905	ng/ul	98
58) Fluorene	15.13	166	71585	3.017	ng/ul	95
69) Phenanthrene	16.86	178	434331	11.816	ng/ul	99
71) Anthracene	16.96	178	58553	1.570	ng/ul	98
76) Fluoranthene	18.89	202	177421	4.229	ng/ul	98
79) Pyrene	19.26	202	249359	5.520	ng/ul	98
82) Benzo(a)anthracene	21.02	228	79894	1.870	ng/ul	94
84) Chrysene	21.07	228	79045	1.858	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	55923	1.436	ng/ul#	97
90) Benzo(a)pyrene	23.06	252	44562	1.235	ng/ul	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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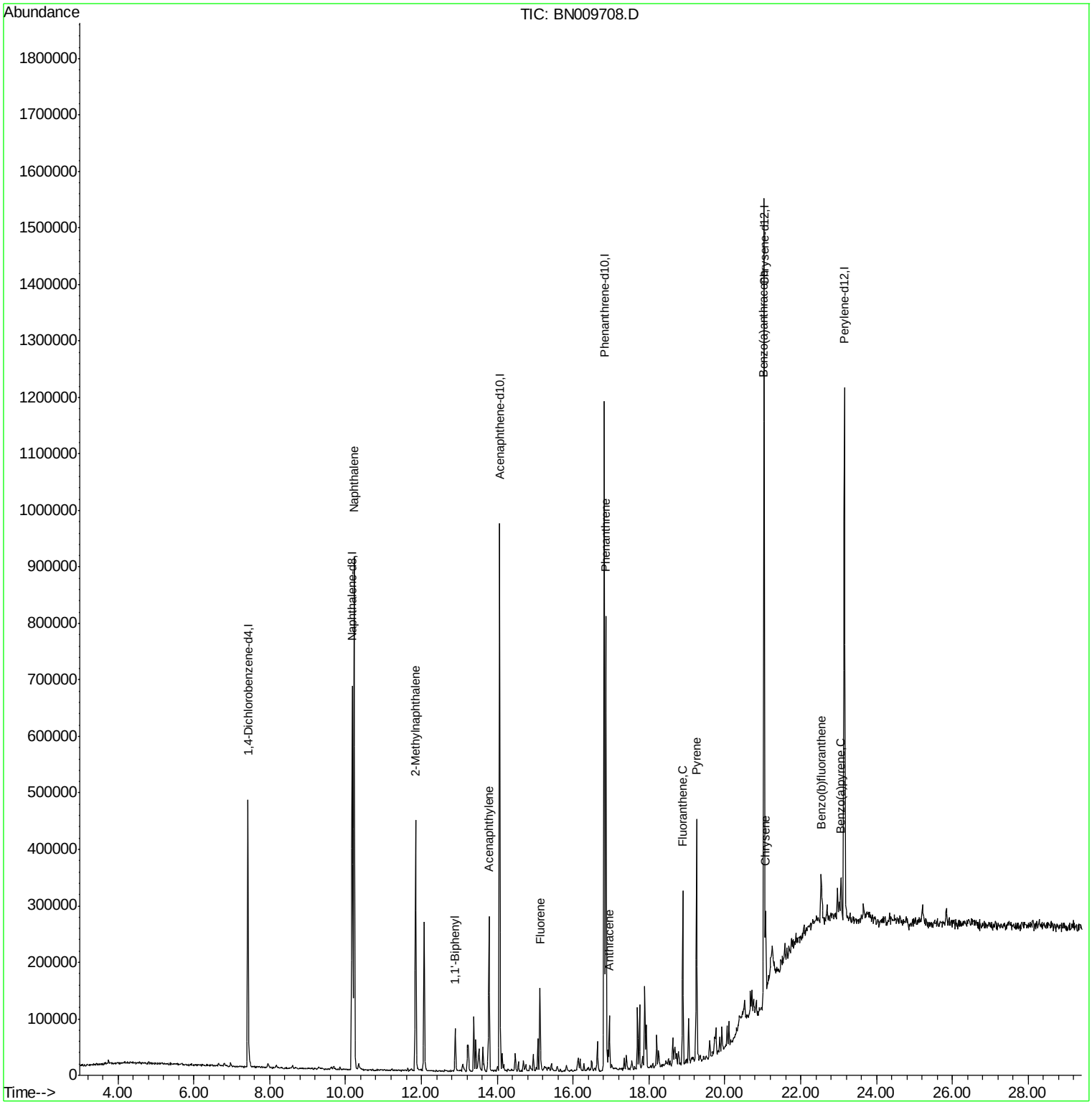
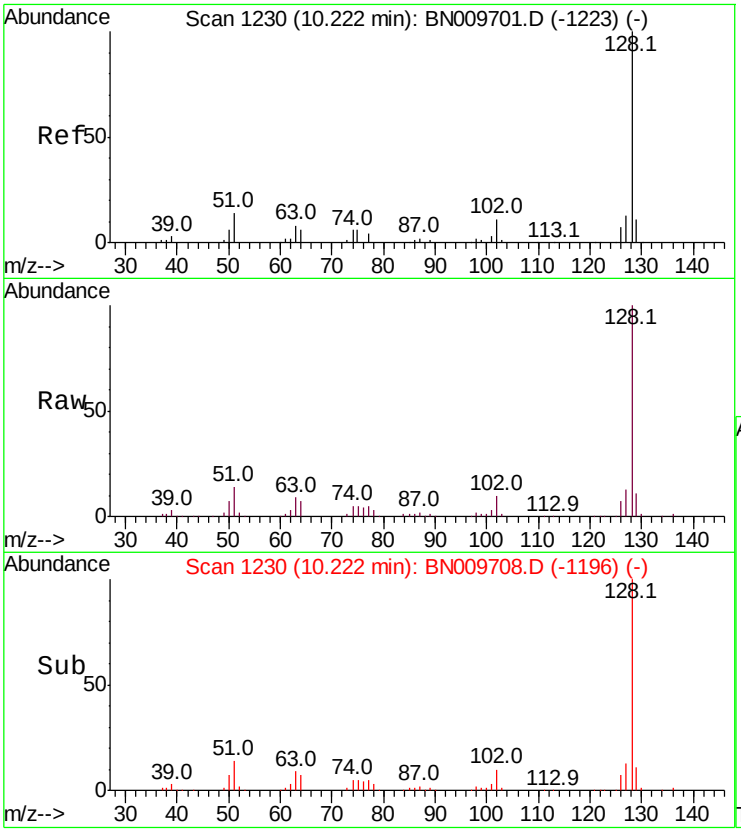
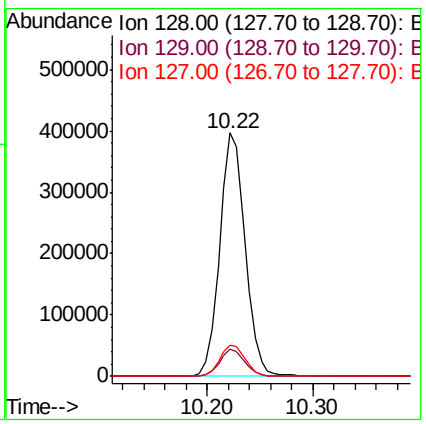




#28
Naphthalene
Concen: 24.191 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:128 Resp: 661170

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	12.9	10.7	16.1



Instrument :
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ClientSampleId :
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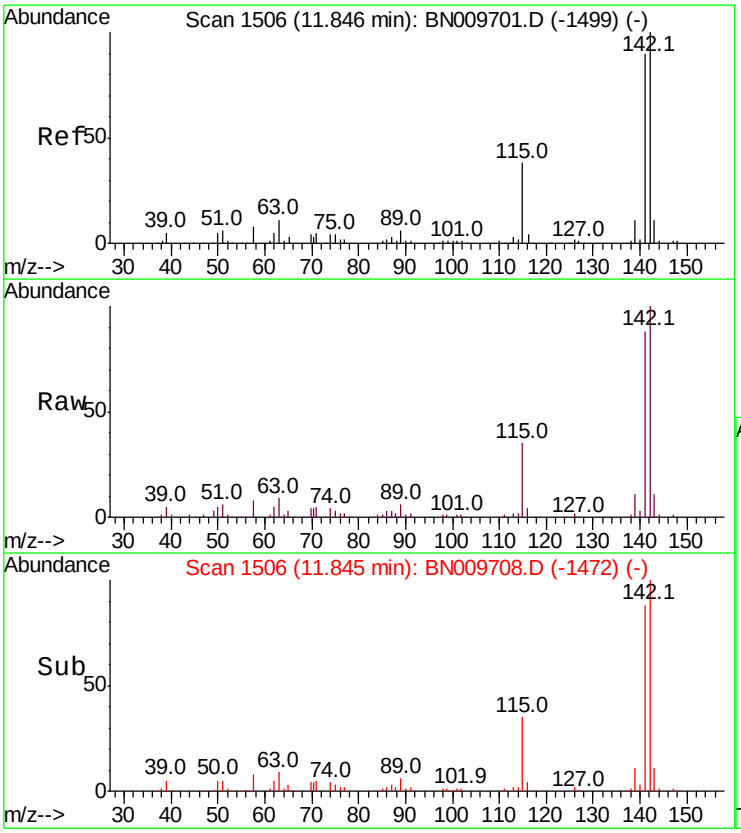
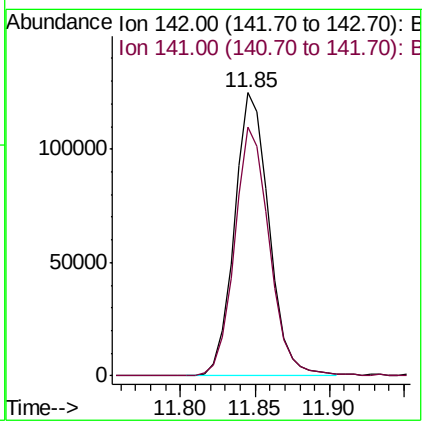
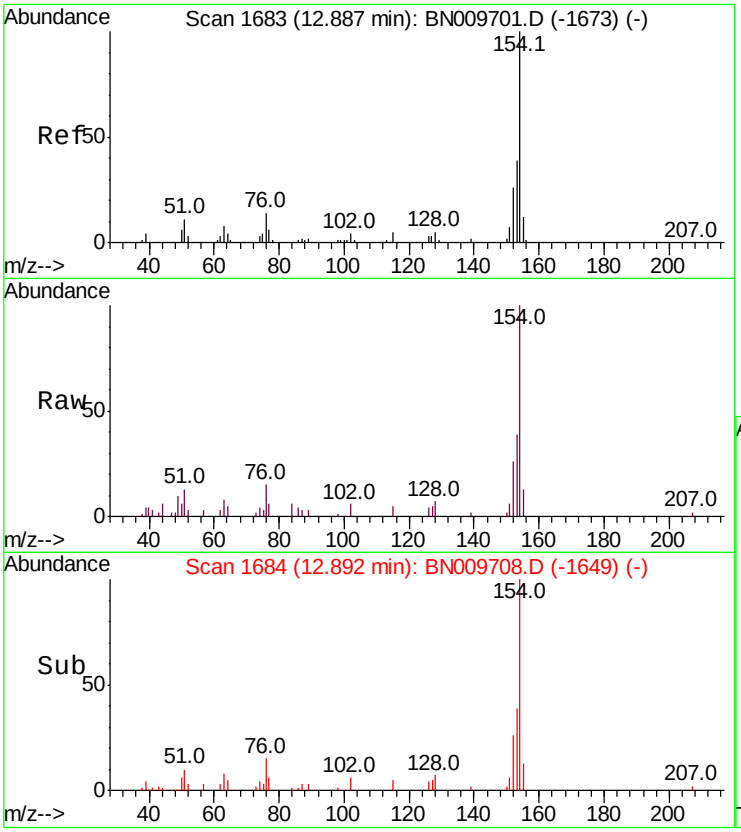


#34
2-Methylnaphthalene
Concen: 10.509 ng/ul
RT: 11.85 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:142 Resp: 201008

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.5	107.3

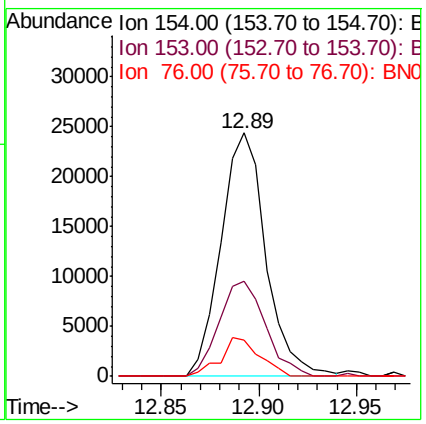




#40
1,1'-Biphenyl
Concen: 1.605 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. 0.01 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:154 Resp: 38818

Ion	Ratio	Lower	Upper
154	100		
153	39.0	31.2	46.8
76	15.0	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
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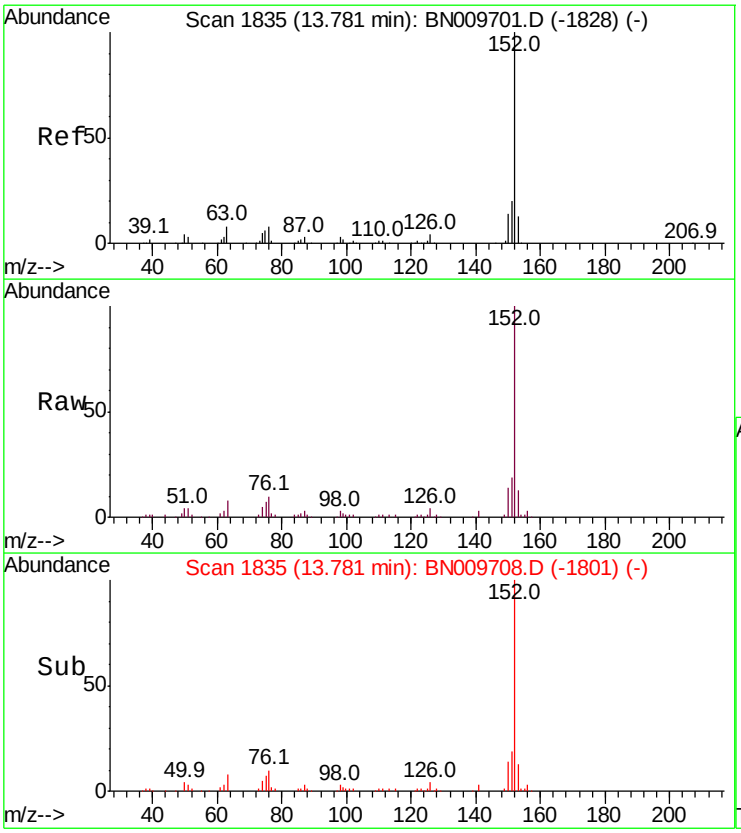
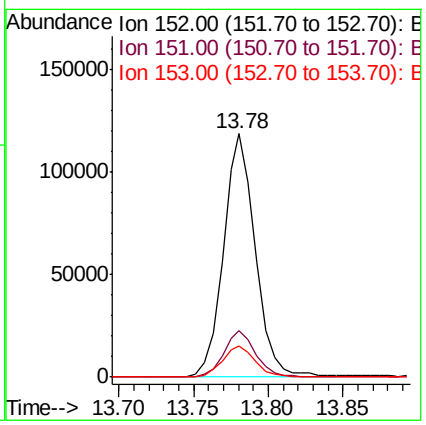
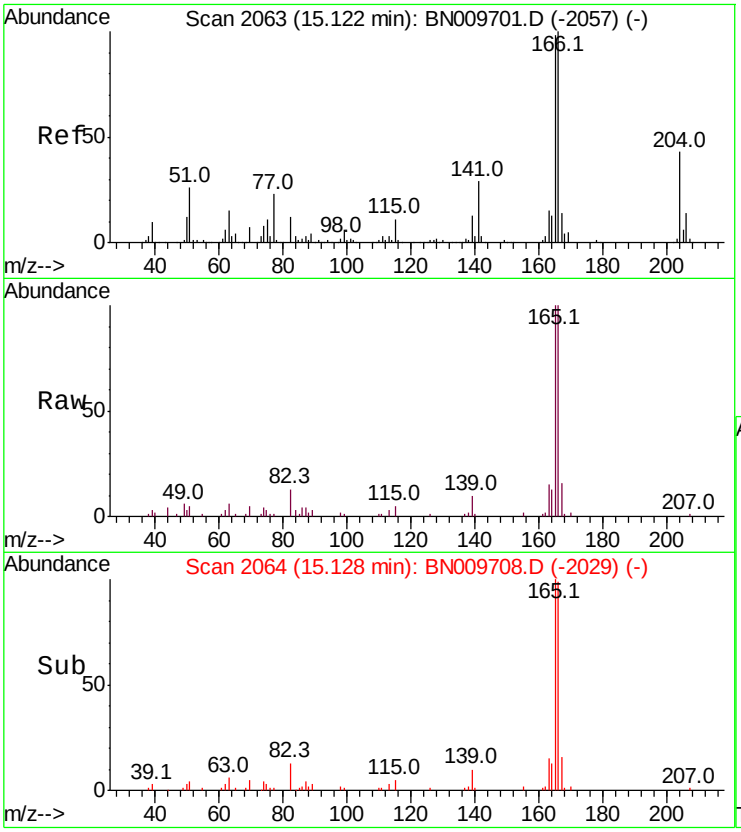


#47
Acenaphthylene
Concen: 5.905 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:152 Resp: 177090

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	12.9	10.6	15.8

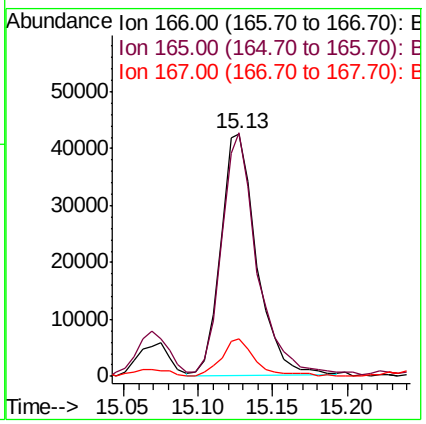




#58
Fluorene
Concen: 3.017 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:166 Resp: 71585

Ion	Ratio	Lower	Upper
166	100		
165	100.4	76.7	115.1
167	15.6	11.1	16.7



Instrument :
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ClientSampleId :
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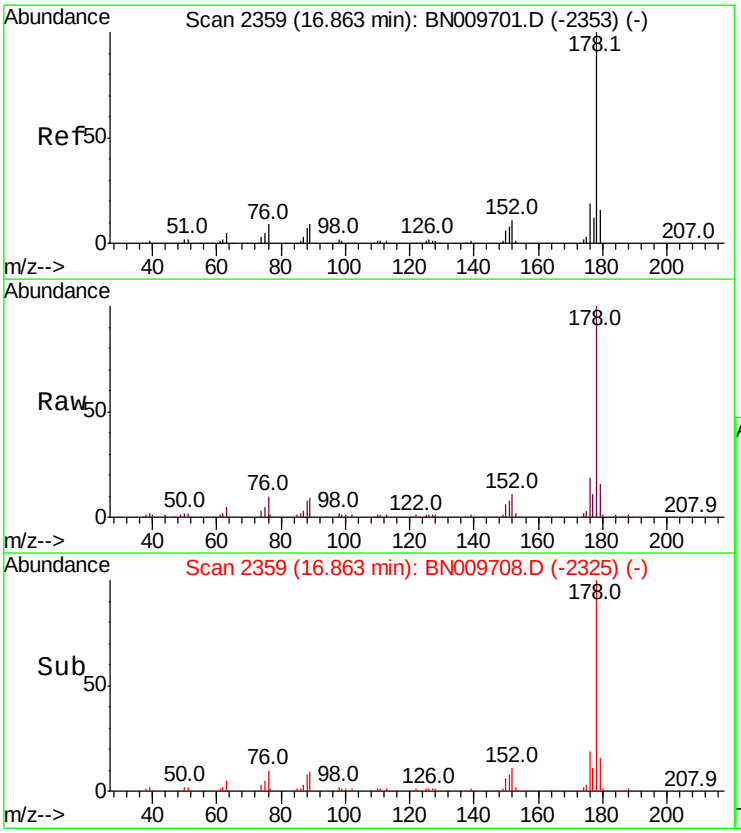
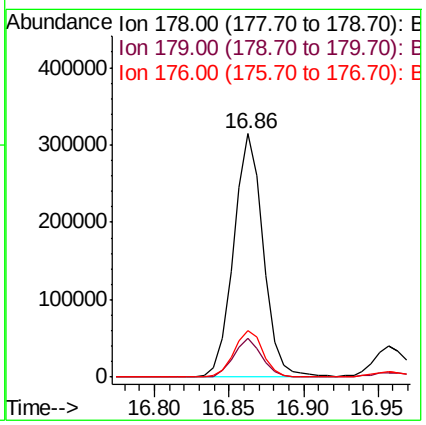
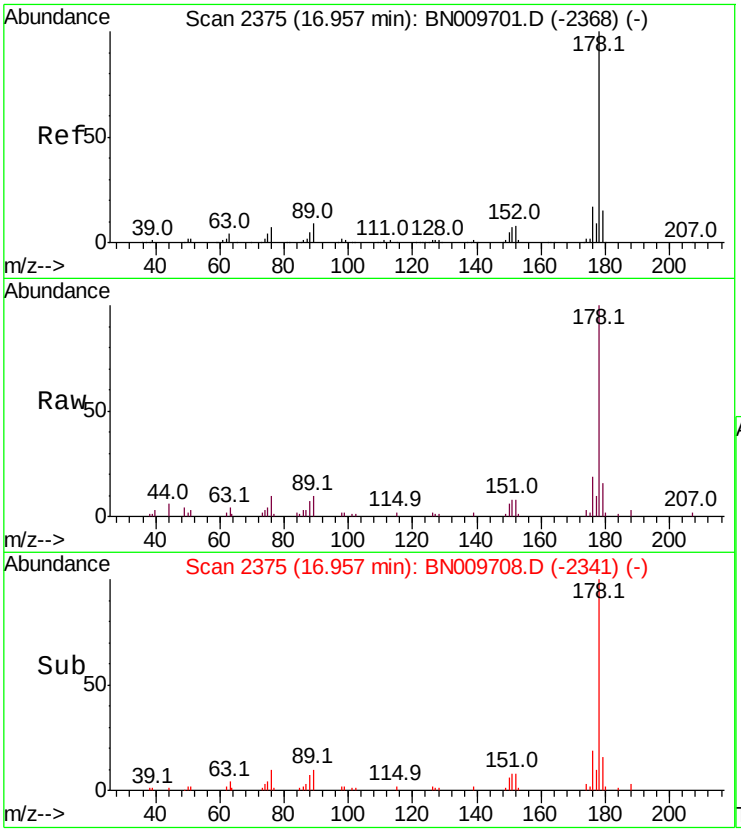


#69
Phenanthrene
Concen: 11.816 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:178 Resp: 434331

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	18.9	14.8	22.2

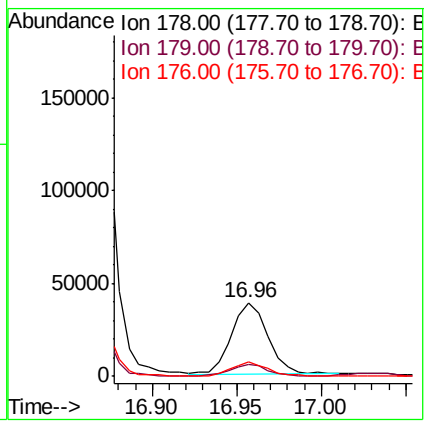




#71
Anthracene
Concen: 1.570 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:178 Resp: 58553

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	19.1	14.6	21.8



Instrument :
BNA_N
ClientSampleId :
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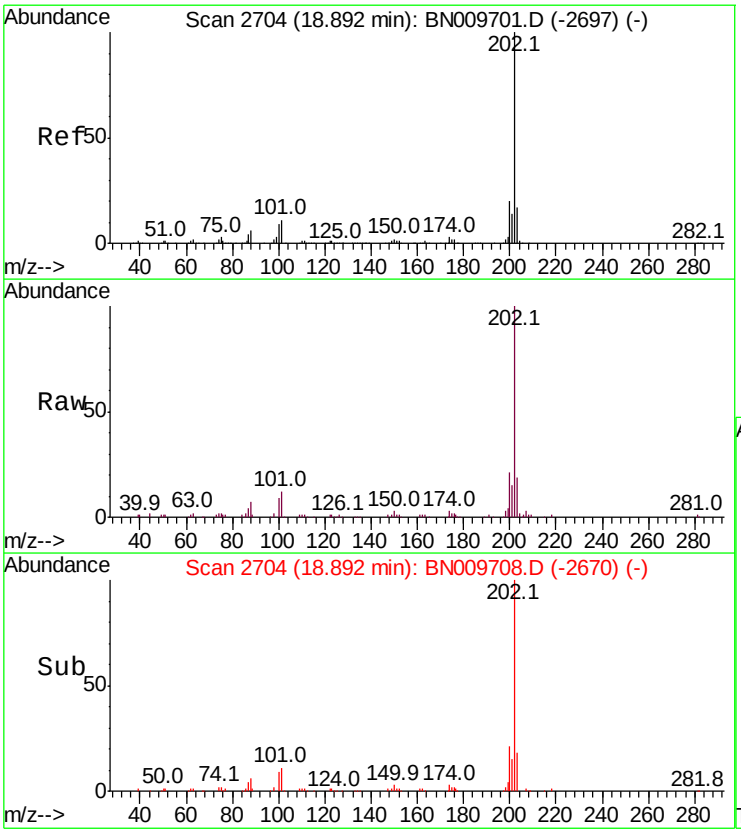
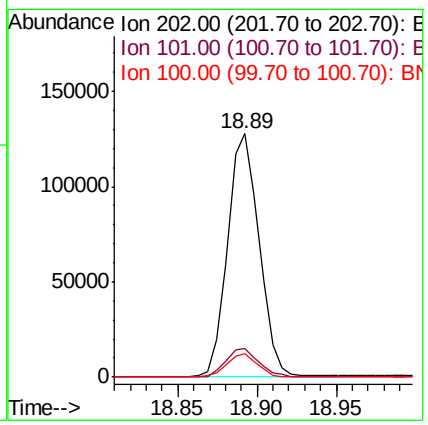
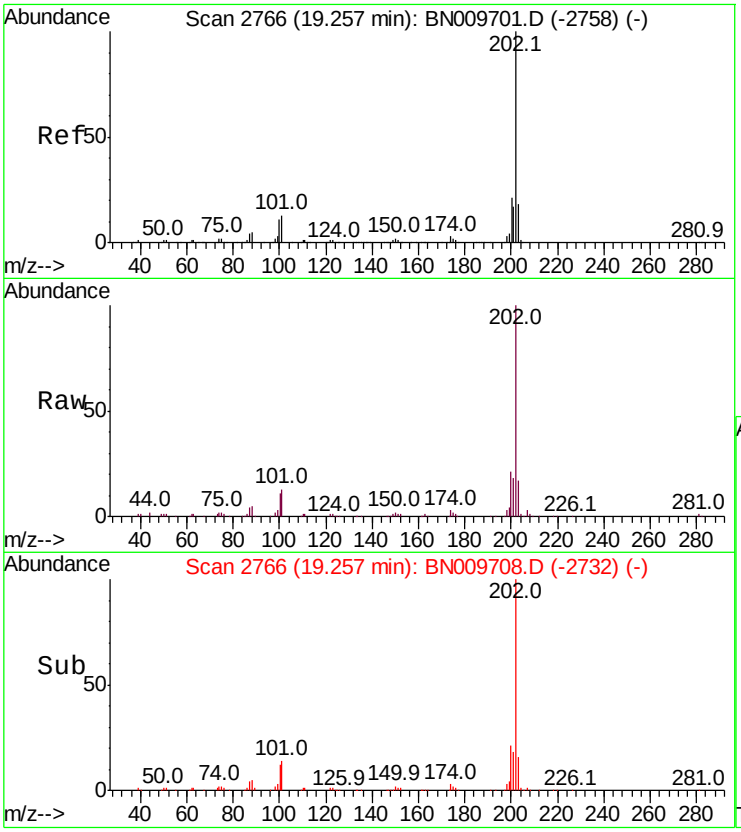


#76
Fluoranthene
Concen: 4.229 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:202 Resp: 177421

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.2	13.8
100	9.5	6.9	10.3

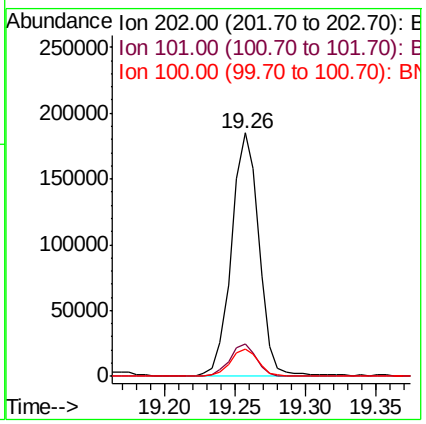




#79
Pyrene
Concen: 5.520 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:202 Resp: 249359

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
100	11.4	8.4	12.6



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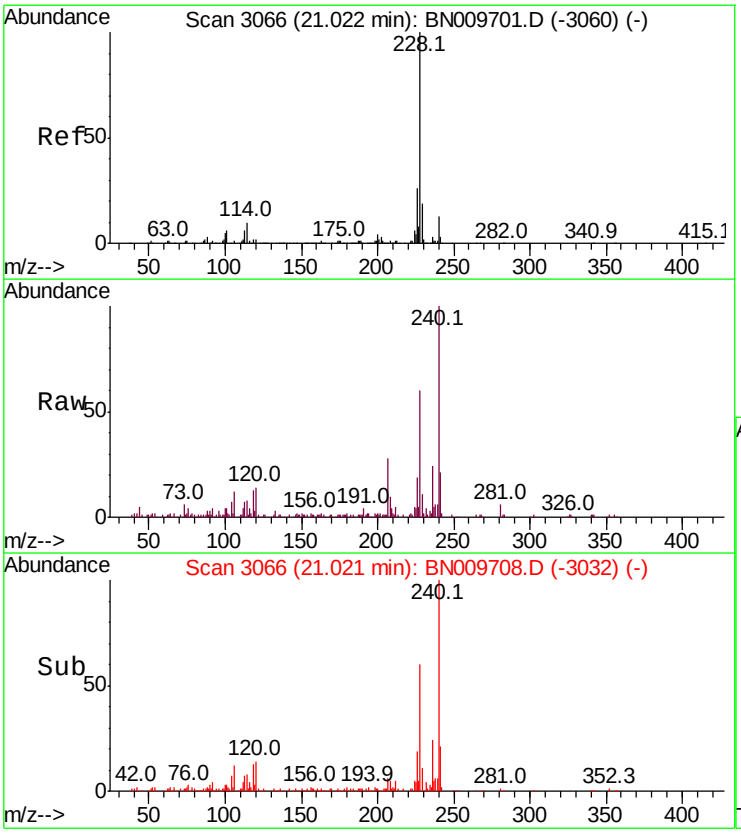
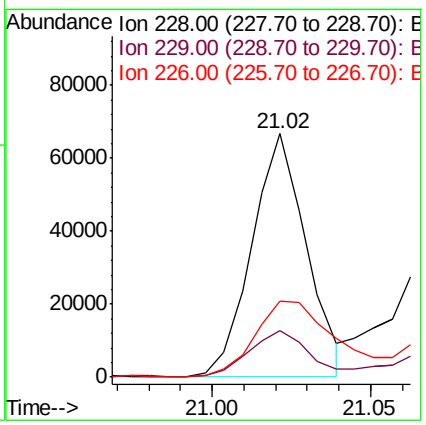
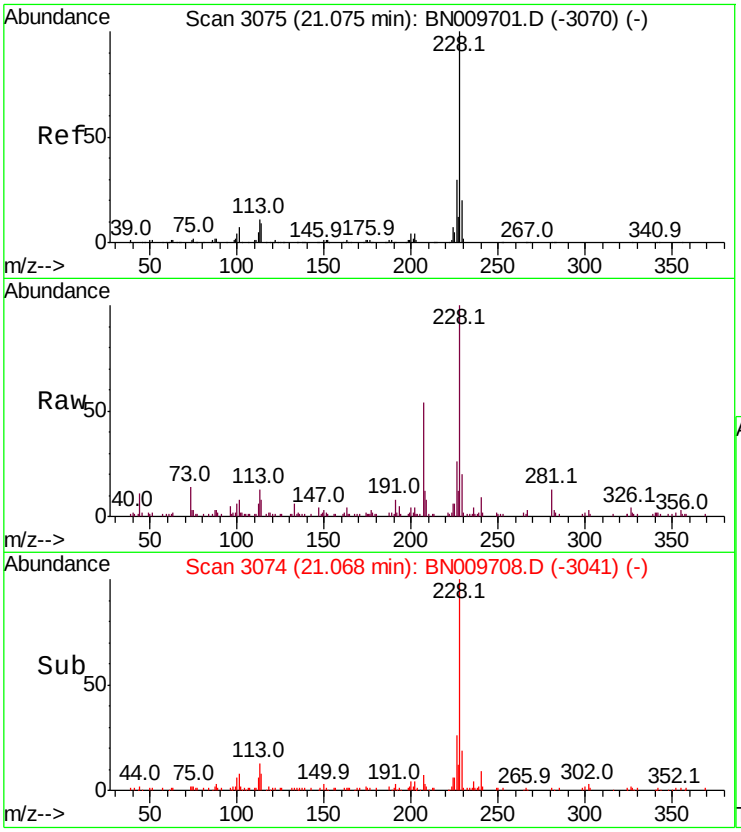


#82
Benzo(a)anthracene
Concen: 1.870 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:228 Resp: 79894

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.0	22.4
226	31.0	20.9	31.3





#84
Chrysene
Concen: 1.858 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:228 Resp: 79045

Ion	Ratio	Lower	Upper
228	100		
226	25.7	23.5	35.3
229	19.6	15.8	23.8

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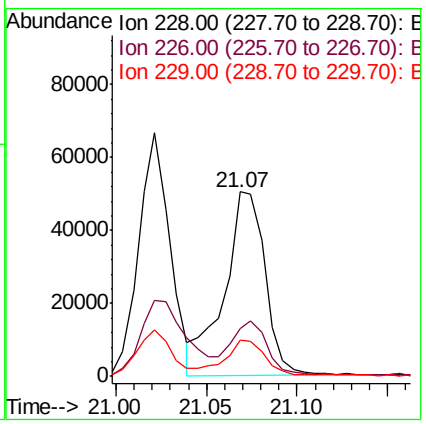
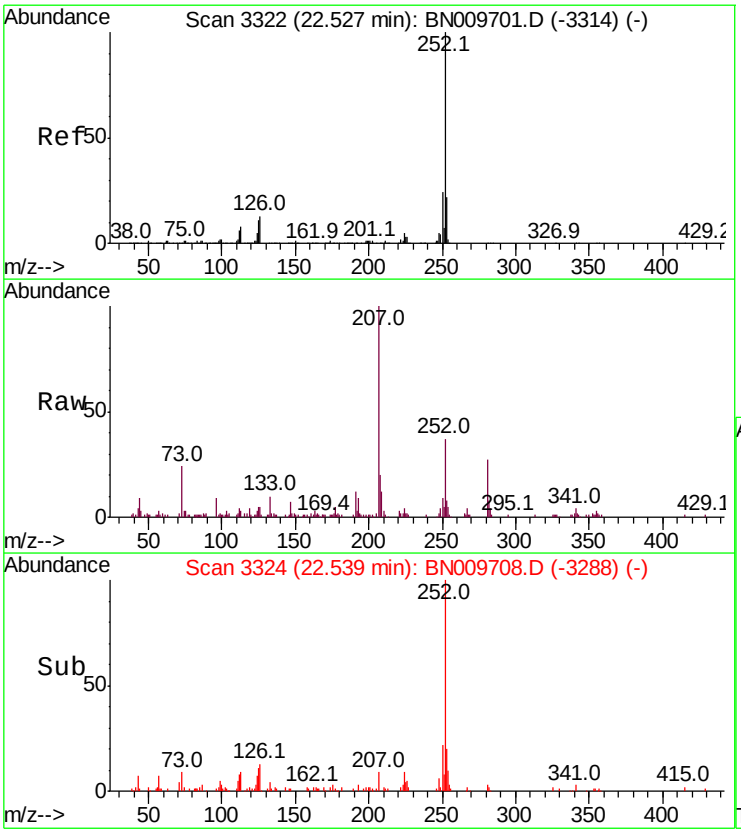
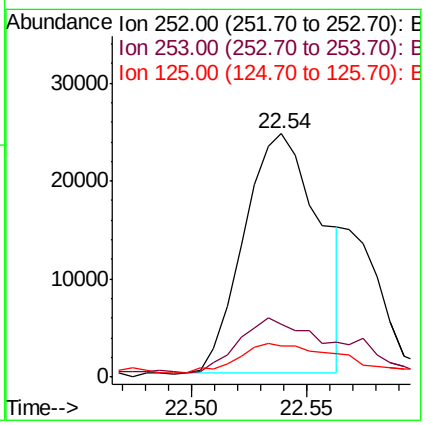


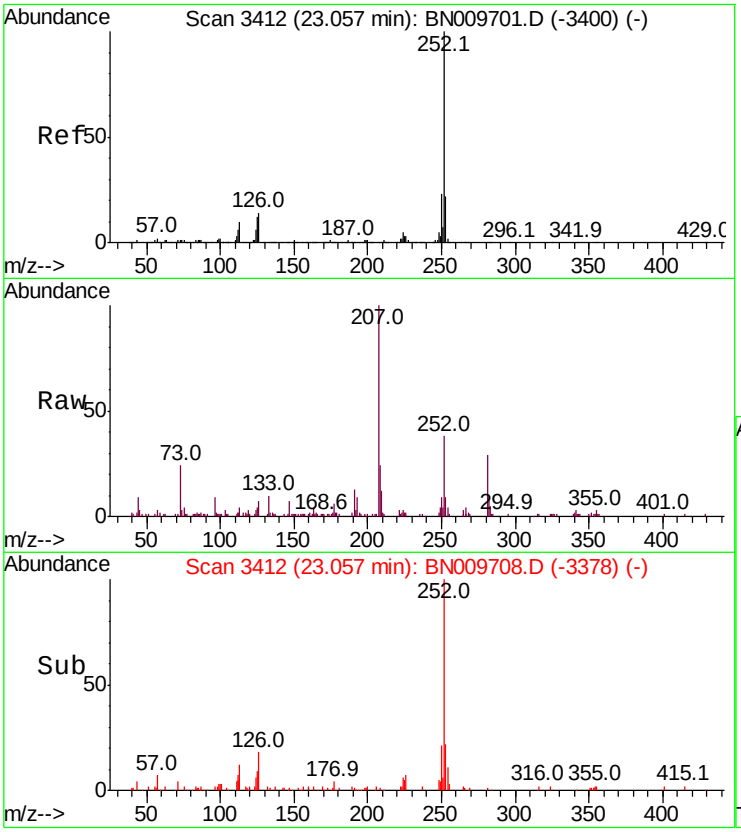


#87
Benzo(b)fluoranthene
Concen: 1.436 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:252 Resp: 55923

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	12.7	8.2	12.2#

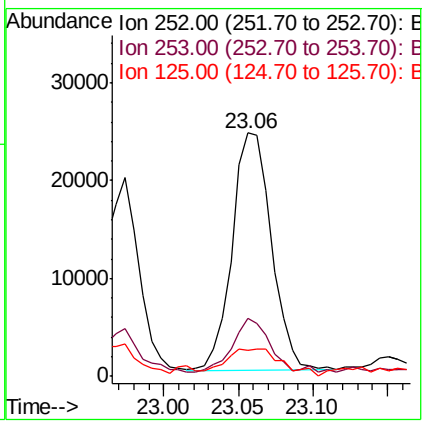




#90
Benzo(a)pyrene
Concen: 1.235 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.00 min
Lab File: BN009708.D
Acq: 11 Feb 2020 17:31

Tgt Ion:252 Resp: 44562

Ion	Ratio	Lower	Upper
252	100		
253	23.7	15.8	23.8
125	10.8	8.7	13.1



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