Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
Data File : BM048851.D
Acq On : 06 Dec 2024 01:49
Operator : RC/JU
Sample : P5104-22MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Quant Time: Dec 06 02:20:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	2918	0.400	ng/ul	0.00
4) Naphthalene-d8	10.359	136	8086	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.229	164	4411	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.977	188	8514	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	5928	0.400	ng/ul	0.00
23) Perylene-d12	23.344	264	6167	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	1144	0.307	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.959	152	3648	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.007	212	8424	0.460	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	3650	0.827	ng/ul#	89
5) Naphthalene	10.414	128	7095	0.347	ng/ul	99
7) 2-Methylnaphthalene	12.036	142	4119	0.349	ng/ul	97
8) 1-Methylnaphthalene	12.256	142	4274	0.342	ng/ul	99
10) Acenaphthylene	13.947	152	6791	0.351	ng/ul	100
11) Acenaphthene	14.289	153	5114	0.366	ng/ul	98
12) Fluorene	15.284	166	5728	0.397	ng/ul	100
14) Pentachlorophenol	16.631	266	862	1.171	ng/ul#	6
15) Phenanthrene	17.015	178	9232	0.428	ng/ul	99
16) Anthracene	17.108	178	7954	0.414	ng/ul	97
19) Fluoranthene	19.039	202	11203	0.411	ng/ul	99
20) Pyrene	19.402	202	11963	0.422	ng/ul	99
21) Benzo(a)anthracene	21.158	228	8480	0.507	ng/ul	98
22) Chrysene	21.210	228	11048	0.417	ng/ul	99
24) Benzo(b)fluoranthene	22.700	252	9649	0.557	ng/ul	96
25) Benzo(k)fluoranthene	22.744	252	11597	0.478	ng/ul	96
26) Benzo(a)pyrene	23.253	252	8484	0.478	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.514	276	11834	0.504	ng/ul	96
28) Dibenzo(a,h)anthracene	25.527	278	9170	0.523	ng/ul	96
29) Benzo(g,h,i)perylene	26.158	276	10202	0.501	ng/ul	96

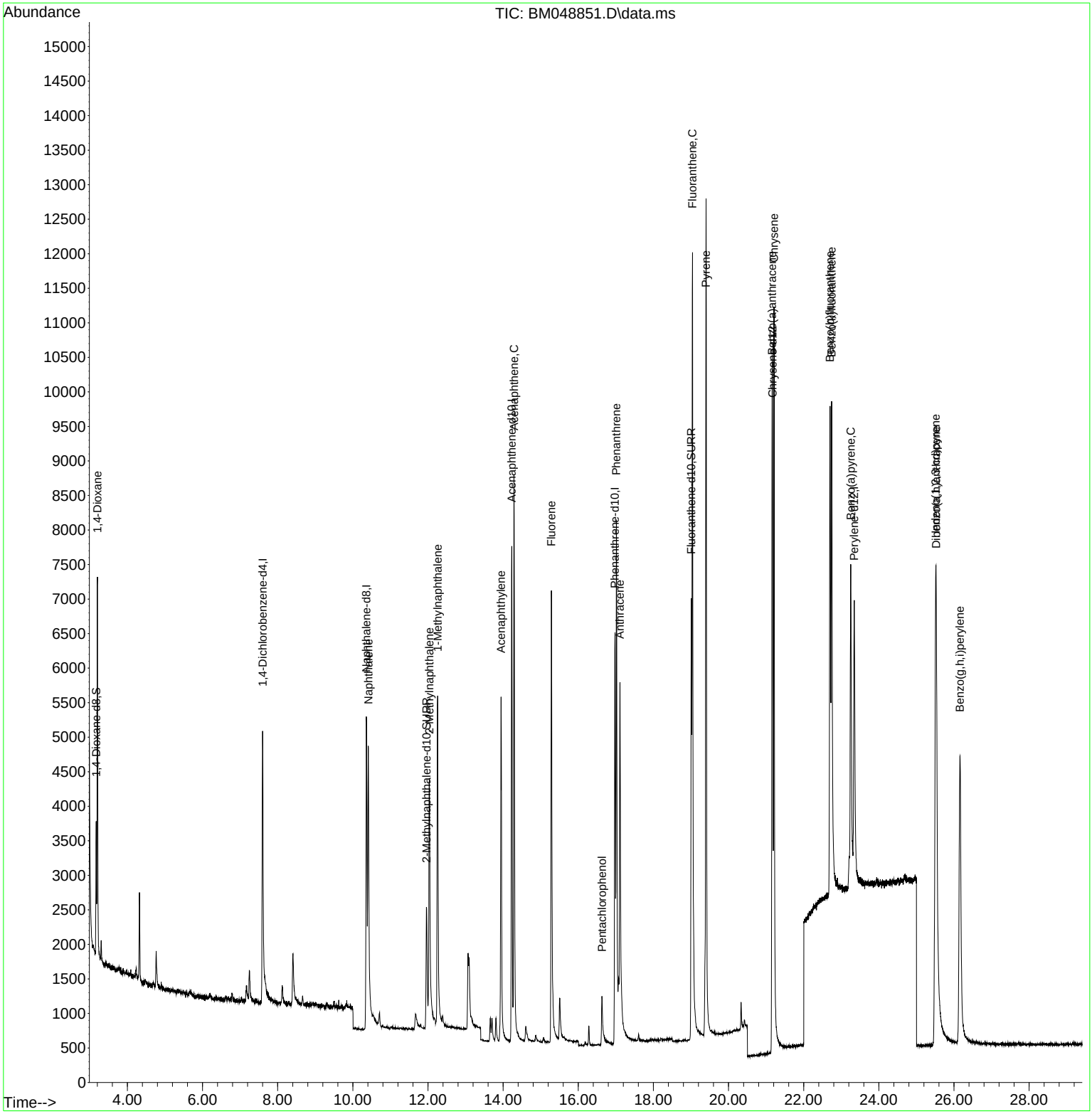
(#) = qualifier out of range (m) = manual integration (+) = signals summed

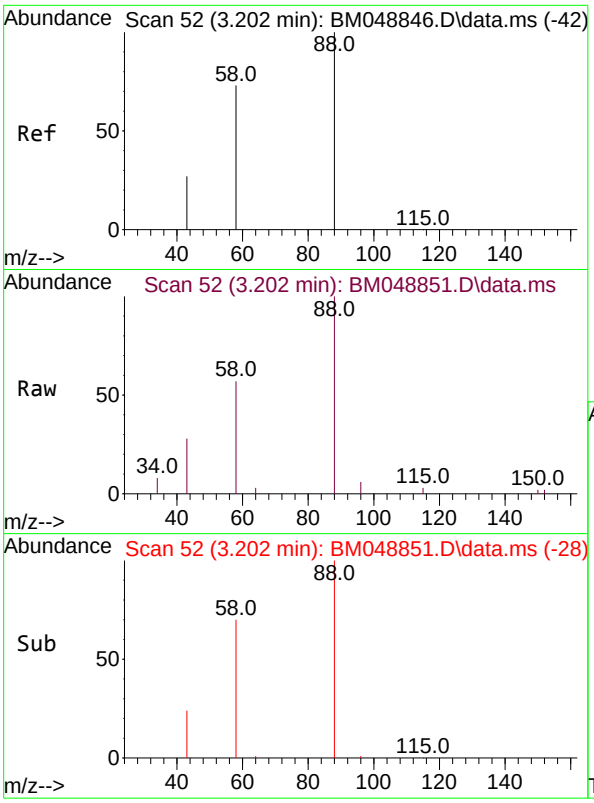
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
Data File : BM048851.D
Acq On : 06 Dec 2024 01:49
Operator : RC/JU
Sample : P5104-22MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Quant Time: Dec 06 02:20:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 00:05:00 2024
Response via : Initial Calibration



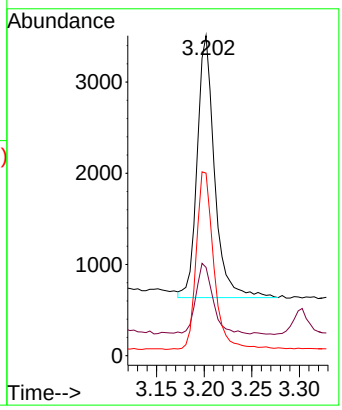


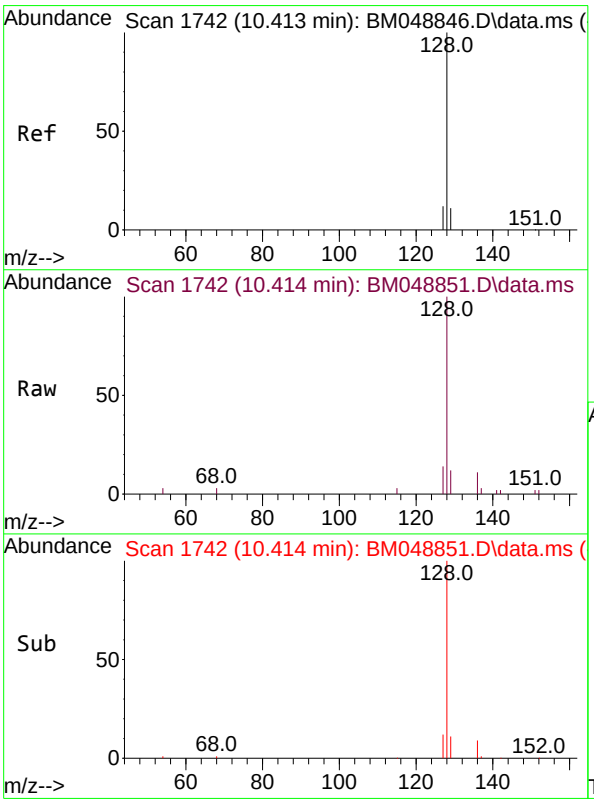
#2
1,4-Dioxane
Concen: 0.827 ng/ul
RT: 3.202 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion: 88 Resp: 3650

Ion	Ratio	Lower	Upper
88	100		
43	27.6	20.6	30.8
58	57.1	37.6	56.4#

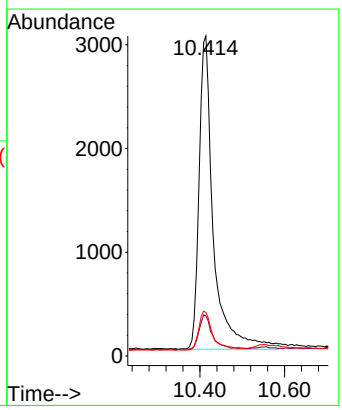


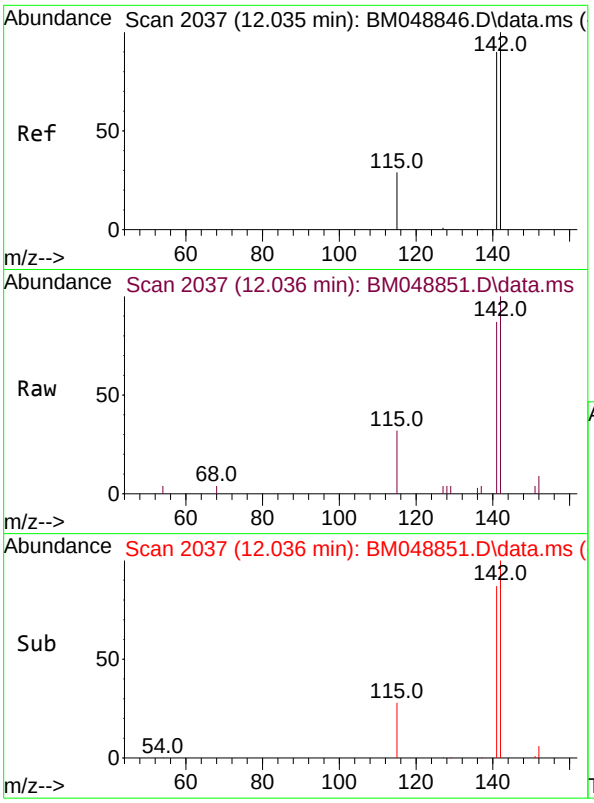


#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.414 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:128 Resp: 7095

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	13.6	10.7	16.1



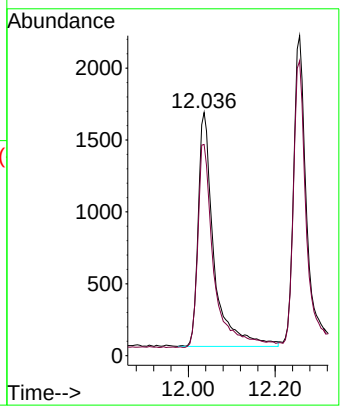


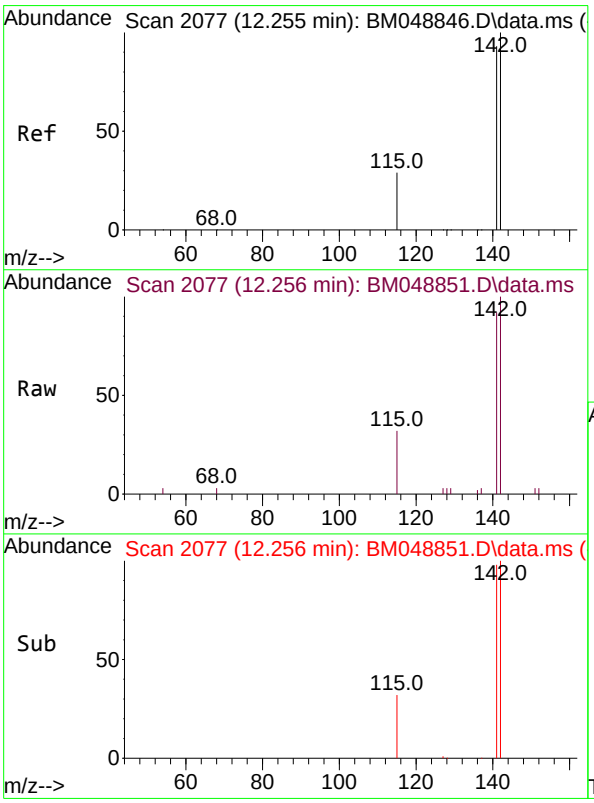
#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.036 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:142 Resp: 4119

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.0	109.6

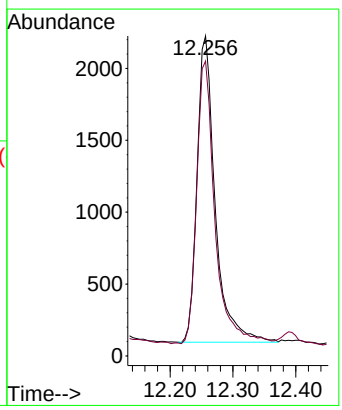


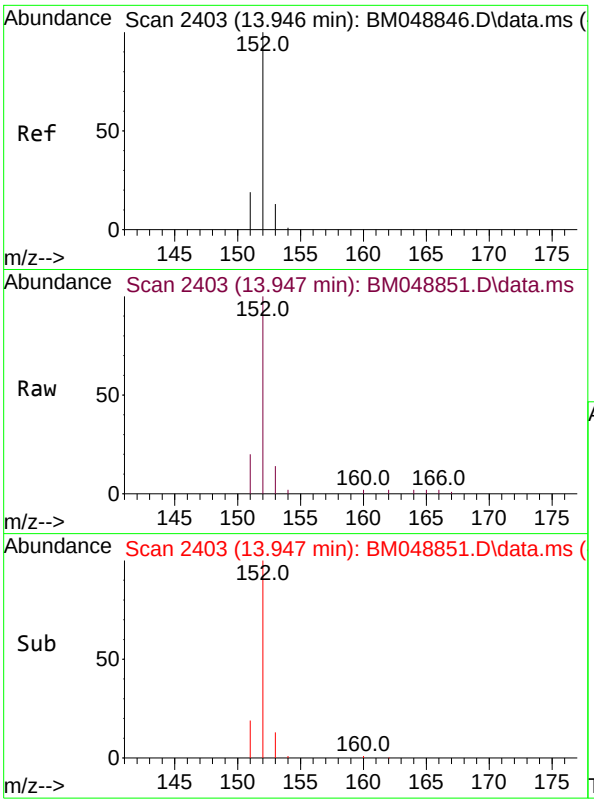


#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.256 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:142 Resp: 4274

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.5	108.7



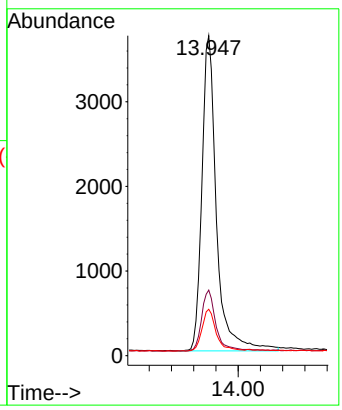


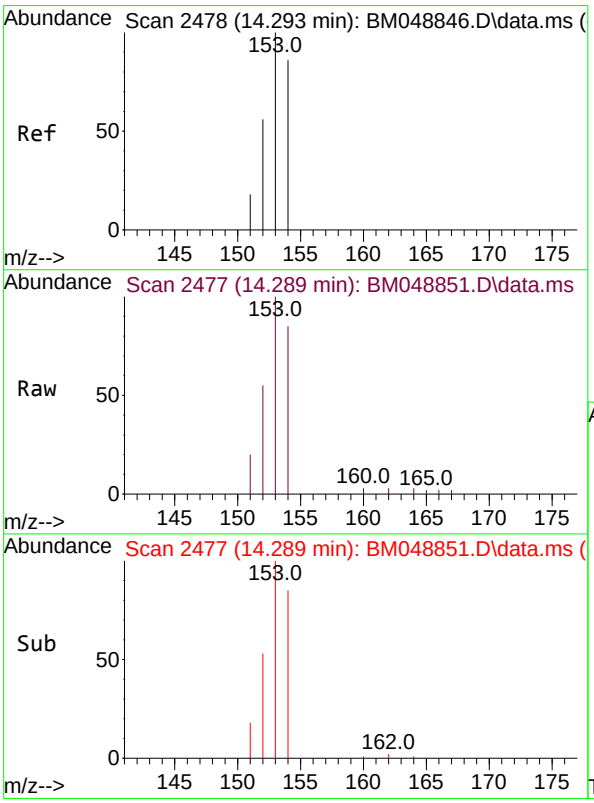
#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 13.947 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:152 Resp: 6791

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.5	11.7	17.5

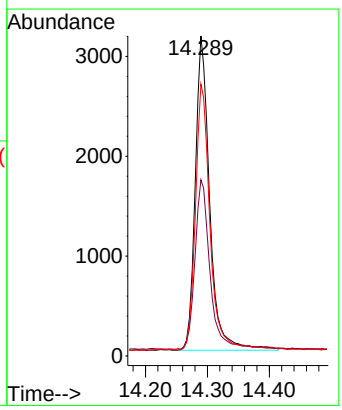


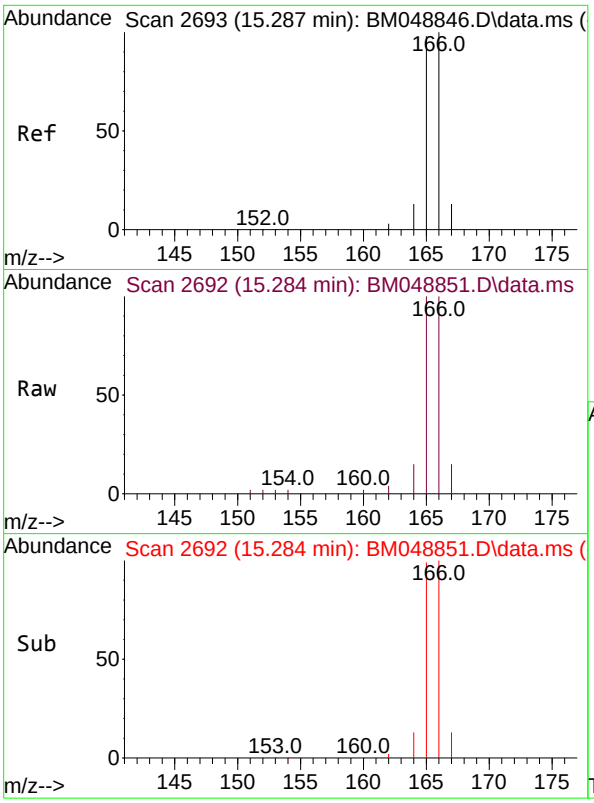


#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.289 min Scan# 2477
Delta R.T. -0.003 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:153 Resp: 5114

Ion	Ratio	Lower	Upper
153	100		
152	55.0	46.5	69.7
154	84.9	68.7	103.1



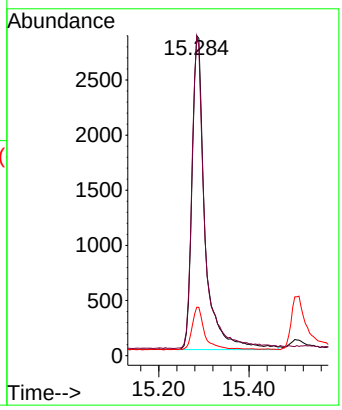


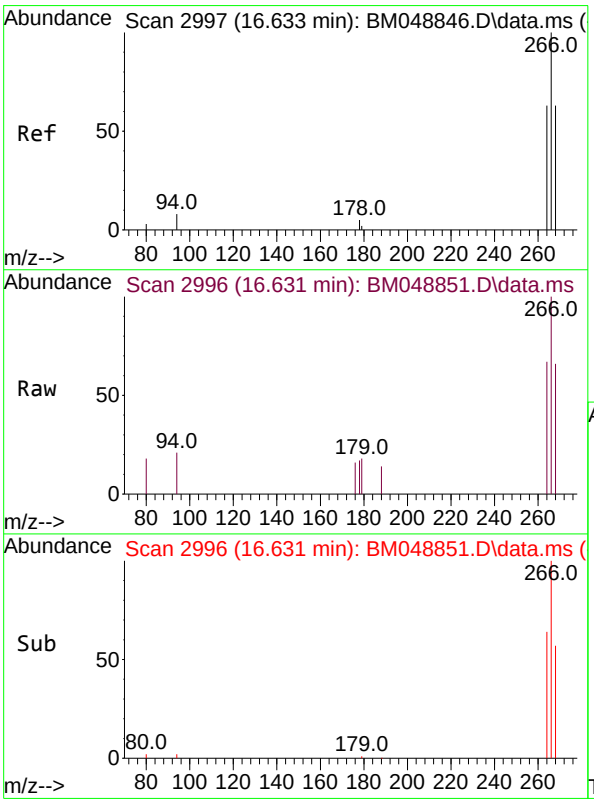
#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.284 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:166 Resp: 5728

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.8	119.6
167	15.2	12.2	18.2

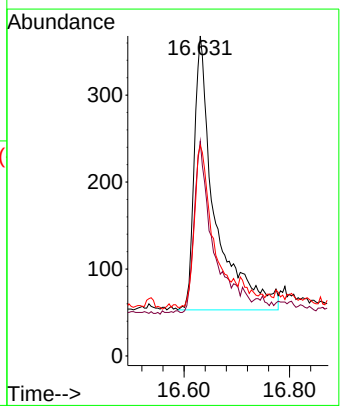


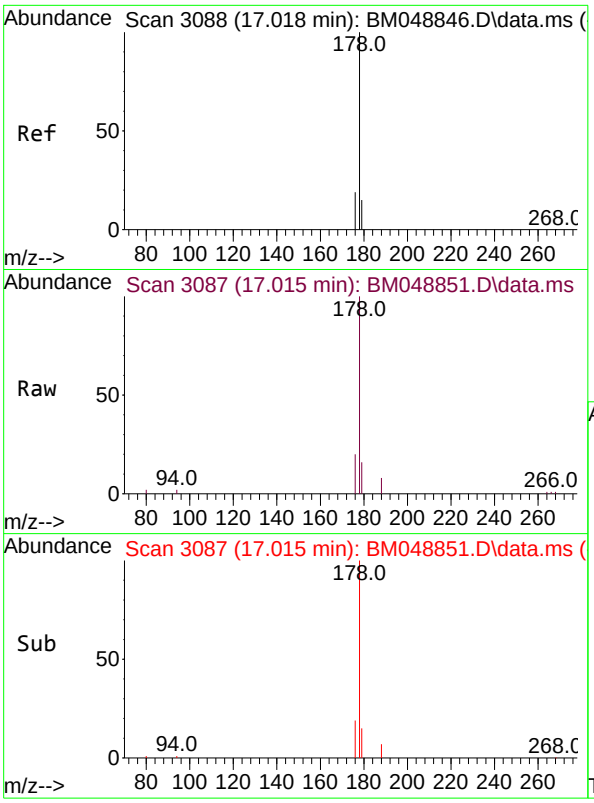


#14
Pentachlorophenol
Concen: 1.171 ng/ul
RT: 16.631 min Scan# 2996
Delta R.T. -0.003 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:266 Resp: 862

Ion	Ratio	Lower	Upper
266	100		
264	61.6	15.3	22.9#
268	53.2	0.0	0.0#



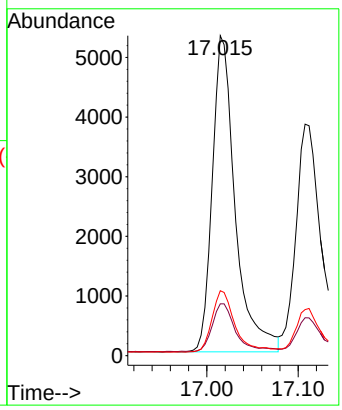


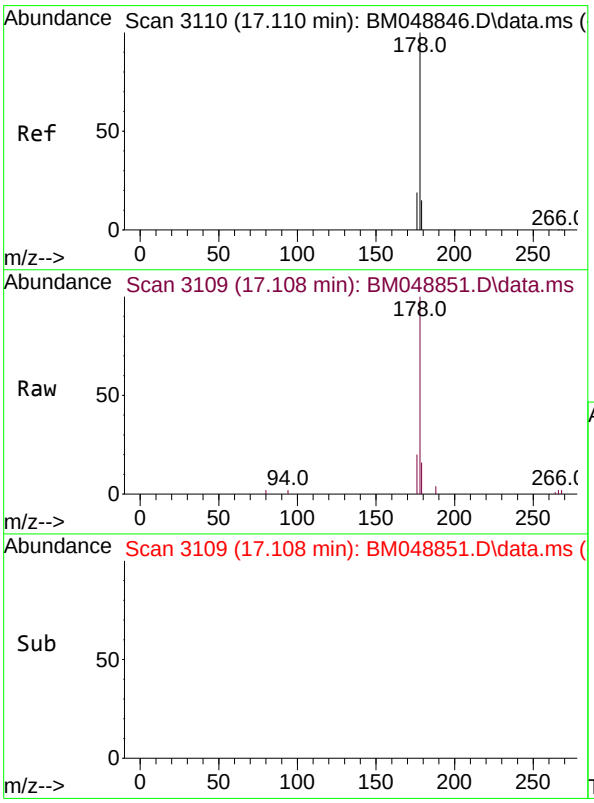
#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.015 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:178 Resp: 9232

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.0
176	20.3	16.2	24.4

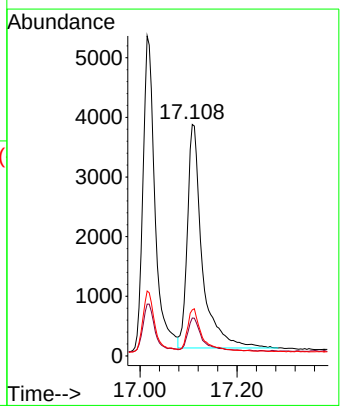


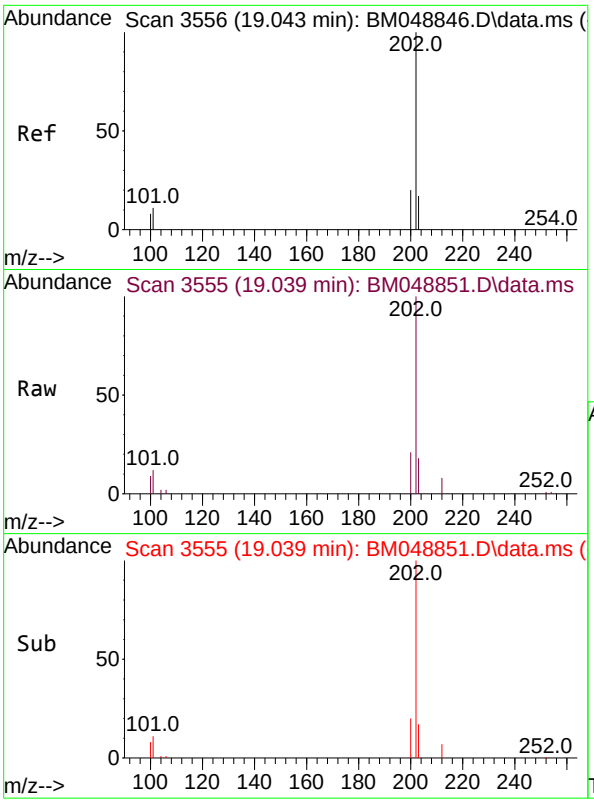


#16
Anthracene
Concen: 0.414 ng/ul
RT: 17.108 min Scan# 3109
Delta R.T. -0.003 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:178 Resp: 7954

Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.0	21.0
176	19.9	17.0	25.4



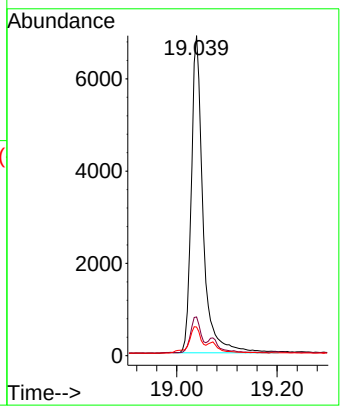


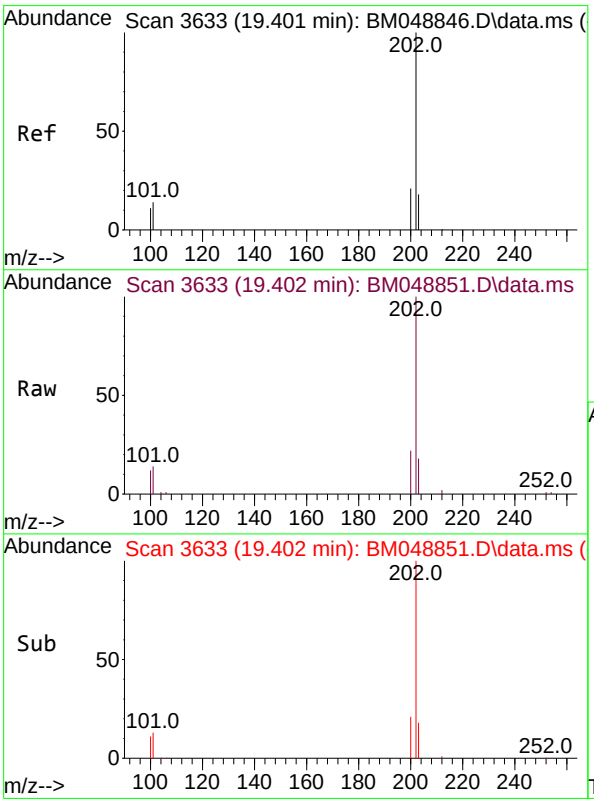
#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.039 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:202 Resp: 11203

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.0	7.5	11.3

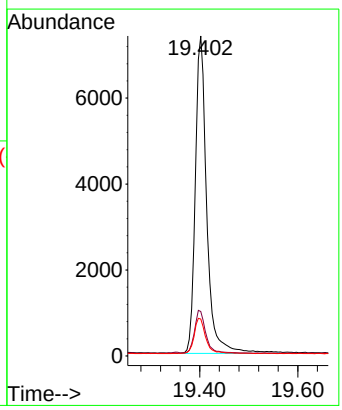


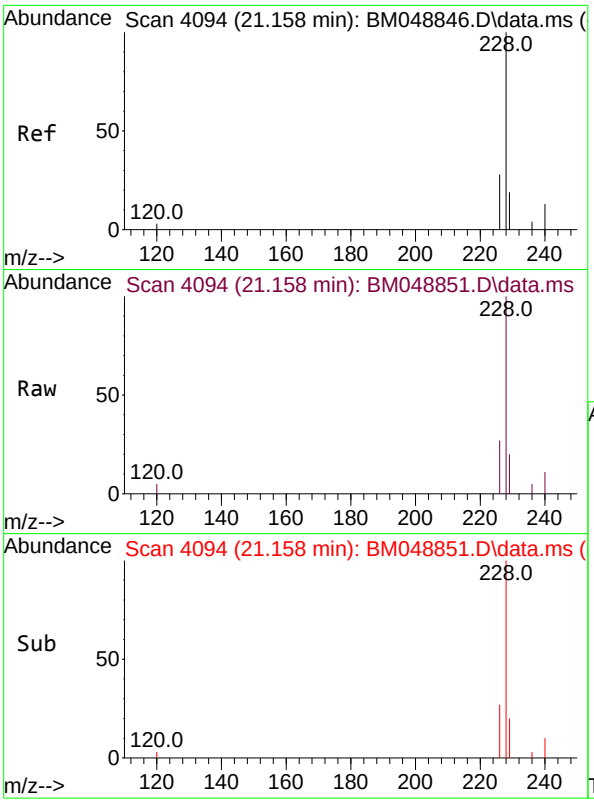


#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.402 min Scan# 3633
Delta R.T. 0.001 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:202 Resp: 11963

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.6	17.4
100	11.6	9.4	14.0



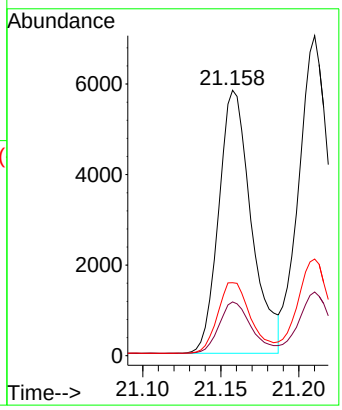


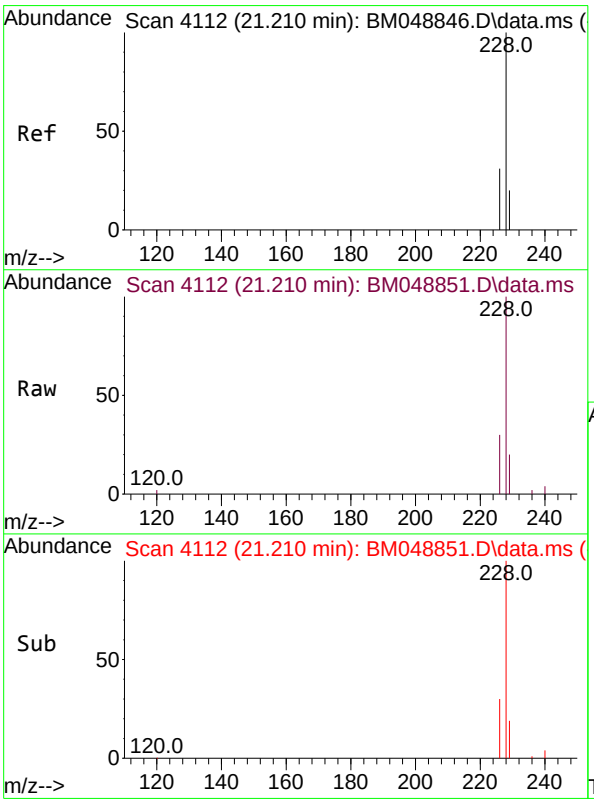
#21
Benzo(a)anthracene
Concen: 0.507 ng/ul
RT: 21.158 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:228 Resp: 8480

Ion	Ratio	Lower	Upper
228	100		
229	20.2	17.0	25.6
226	27.5	22.5	33.7

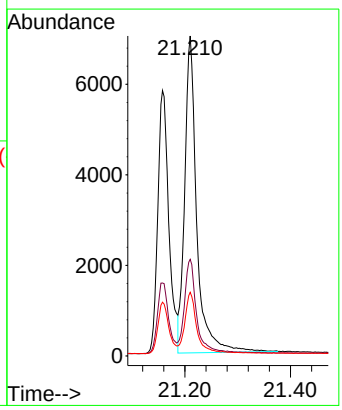


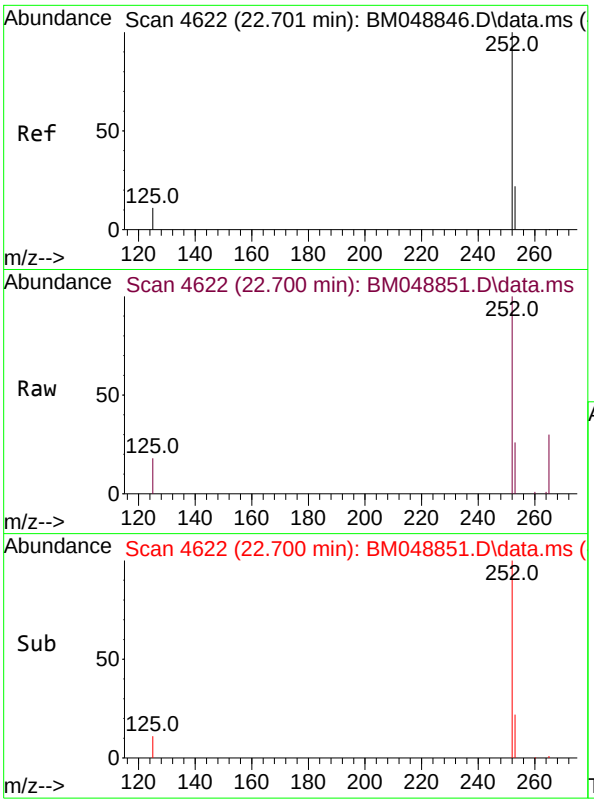


#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.210 min Scan# 4112
Delta R.T. -0.000 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:228 Resp: 11048

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.6	37.0
229	19.9	16.1	24.1



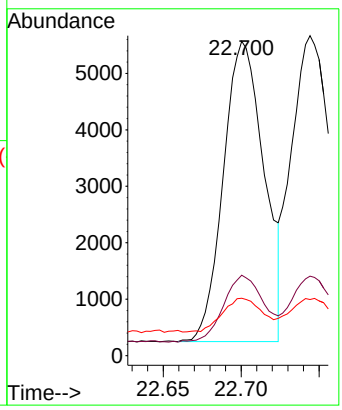


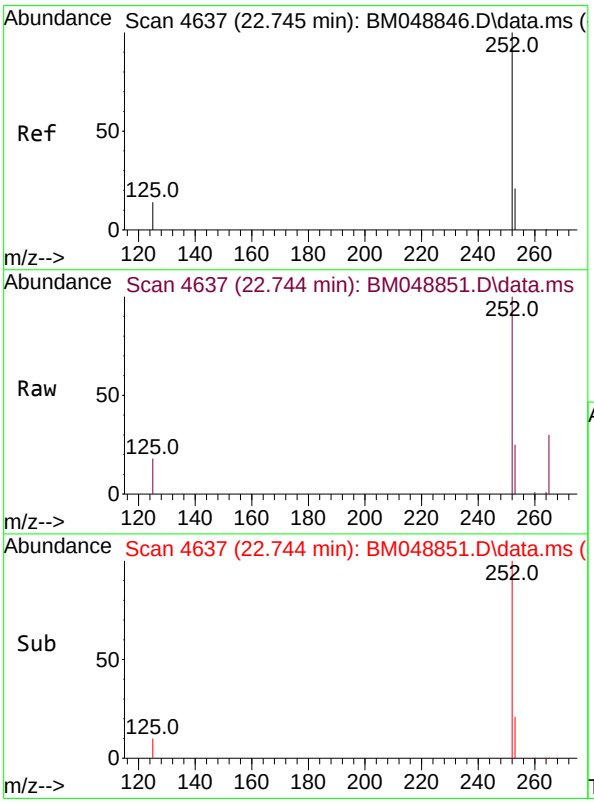
#24
Benzo(b)fluoranthene
Concen: 0.557 ng/ul
RT: 22.700 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:252 Resp: 9649

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	54.2
125	18.3	0.0	41.4

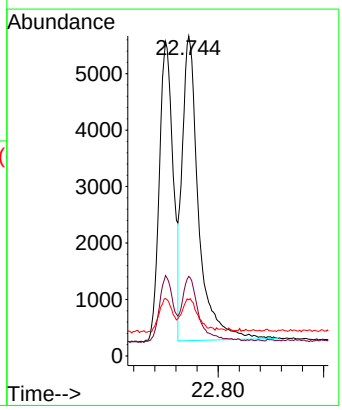


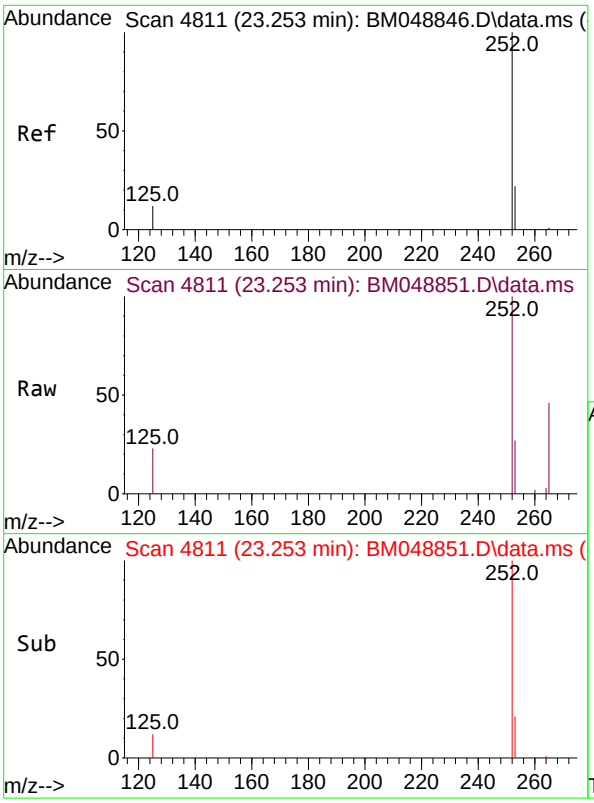


#25
Benzo(k)fluoranthene
Concen: 0.478 ng/ul
RT: 22.744 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:252 Resp: 11597

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.8	31.2
125	17.6	16.2	24.4



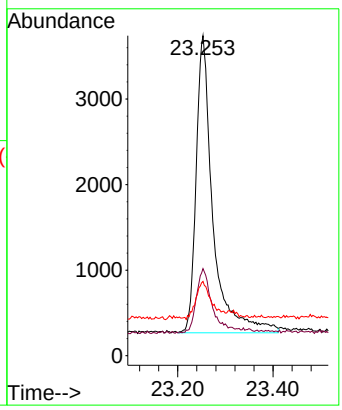


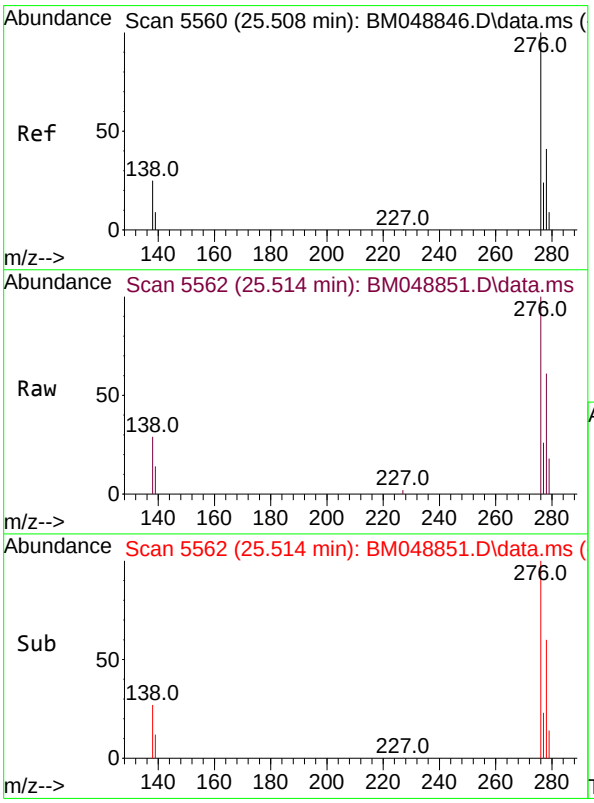
#26
Benzo(a)pyrene
Concen: 0.478 ng/ul
RT: 23.253 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:252 Resp: 8484

Ion	Ratio	Lower	Upper
252	100		
253	27.2	22.5	33.7
125	23.2	20.6	30.8

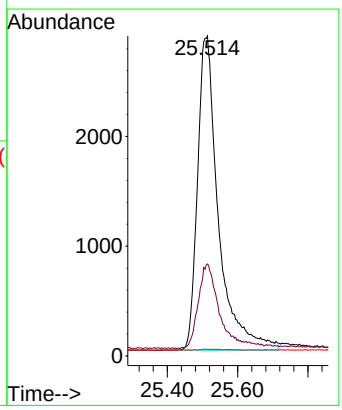


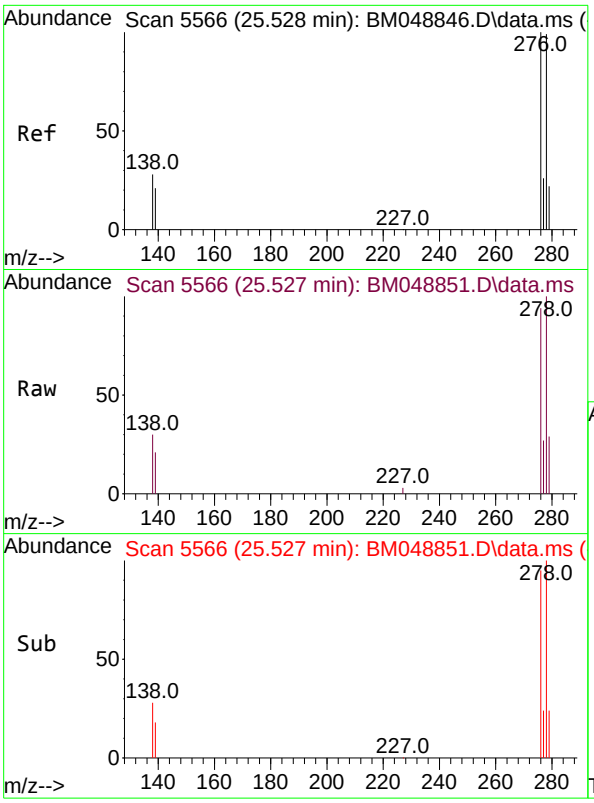


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.504 ng/ul
RT: 25.514 min Scan# 5562
Delta R.T. 0.006 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:276 Resp: 11834

Ion	Ratio	Lower	Upper
276	100		
138	27.1	23.3	34.9
227	0.1	0.1	0.1



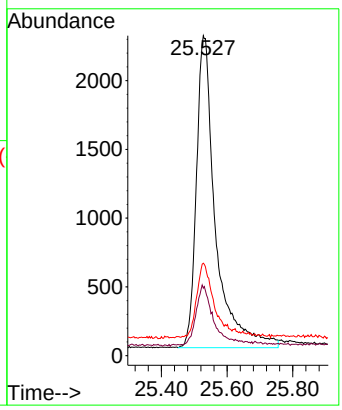


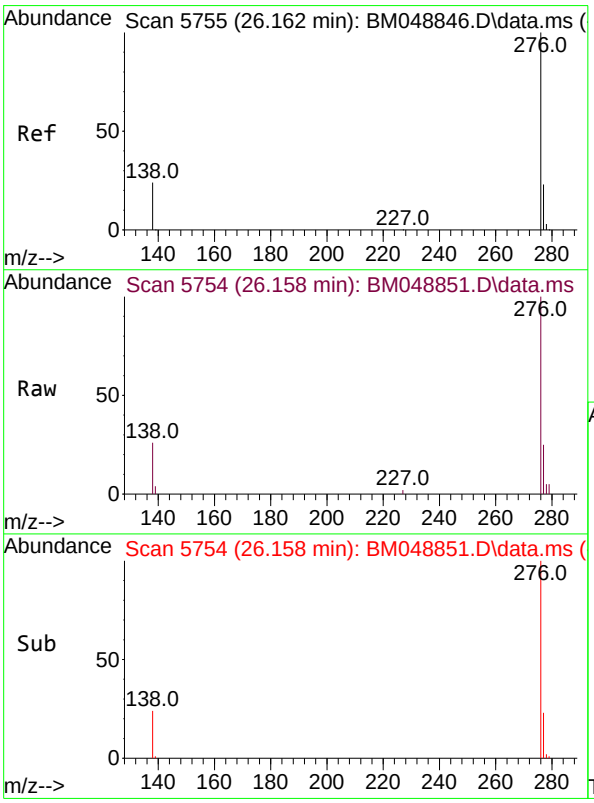
#28
Dibenzo(a,h)anthracene
Concen: 0.523 ng/ul
RT: 25.527 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Instrument :
BNA_M
ClientSampleId :
BHJ96MSD

Tgt Ion:278 Resp: 9170

Ion	Ratio	Lower	Upper
278	100		
139	21.1	18.6	27.8
279	28.9	24.7	37.1





#29
Benzo(g,h,i)perylene
Concen: 0.501 ng/ul
RT: 26.158 min Scan# 5754
Delta R.T. -0.004 min
Lab File: BM048851.D
Acq: 06 Dec 2024 01:49

Tgt Ion:276 Resp: 10202

Ion	Ratio	Lower	Upper
276	100		
138	25.7	22.2	33.2
277	24.9	21.8	32.6