Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
Data File : BM047675.D
Acq On : 27 Sep 2024 12:45
Operator : RC/JU
Sample : P4187-14MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EY072MS

Quant Time: Sep 27 13:31:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 16:27:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	3549	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	9827	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.456	164	4662	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	9048	0.400	ng/ul	0.00
17) Chrysene-d12	21.356	240	7420	0.400	ng/ul	0.00
23) Perylene-d12	23.636	264	8061	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	1415	0.310	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.207	152	4131	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	9644	0.424	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.303	88	5343	0.979	ng/ul#	90
5) Naphthalene	10.667	128	9133	0.341	ng/ul	98
7) 2-Methylnaphthalene	12.278	142	5229	0.325	ng/ul	100
8) 1-Methylnaphthalene	12.498	142	6361	0.377	ng/ul	99
10) Acenaphthylene	14.173	152	7406	0.327	ng/ul	99
11) Acenaphthene	14.516	153	5685	0.365	ng/ul	99
12) Fluorene	15.501	166	6218	0.353	ng/ul	100
14) Pentachlorophenol	16.841	266	2081	0.765	ng/ul	99
15) Phenanthrene	17.230	178	10438	0.389	ng/ul	100
16) Anthracene	17.323	178	8822	0.369	ng/ul	98
19) Fluoranthene	19.239	202	13215	0.423	ng/ul	99
20) Pyrene	19.601	202	13741	0.413	ng/ul	98
21) Benzo(a)anthracene	21.338	228	12133	0.387	ng/ul	99
22) Chrysene	21.391	228	13267	0.407	ng/ul	100
24) Benzo(b)fluoranthene	22.946	252	14199	0.405	ng/ul	99
25) Benzo(k)fluoranthene	22.990	252	14711	0.417	ng/ul	98
26) Benzo(a)pyrene	23.533	252	12256	0.443	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.950	276	18214	0.414	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.970	278	13951	0.420	ng/ul	97
29) Benzo(g,h,i)perylene	26.661	276	15005	0.425	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092624\
Data File : BM047675.D
Acq On : 27 Sep 2024 12:45
Operator : RC/JU
Sample : P4187-14MS
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Quant Time: Sep 27 13:31:50 2024
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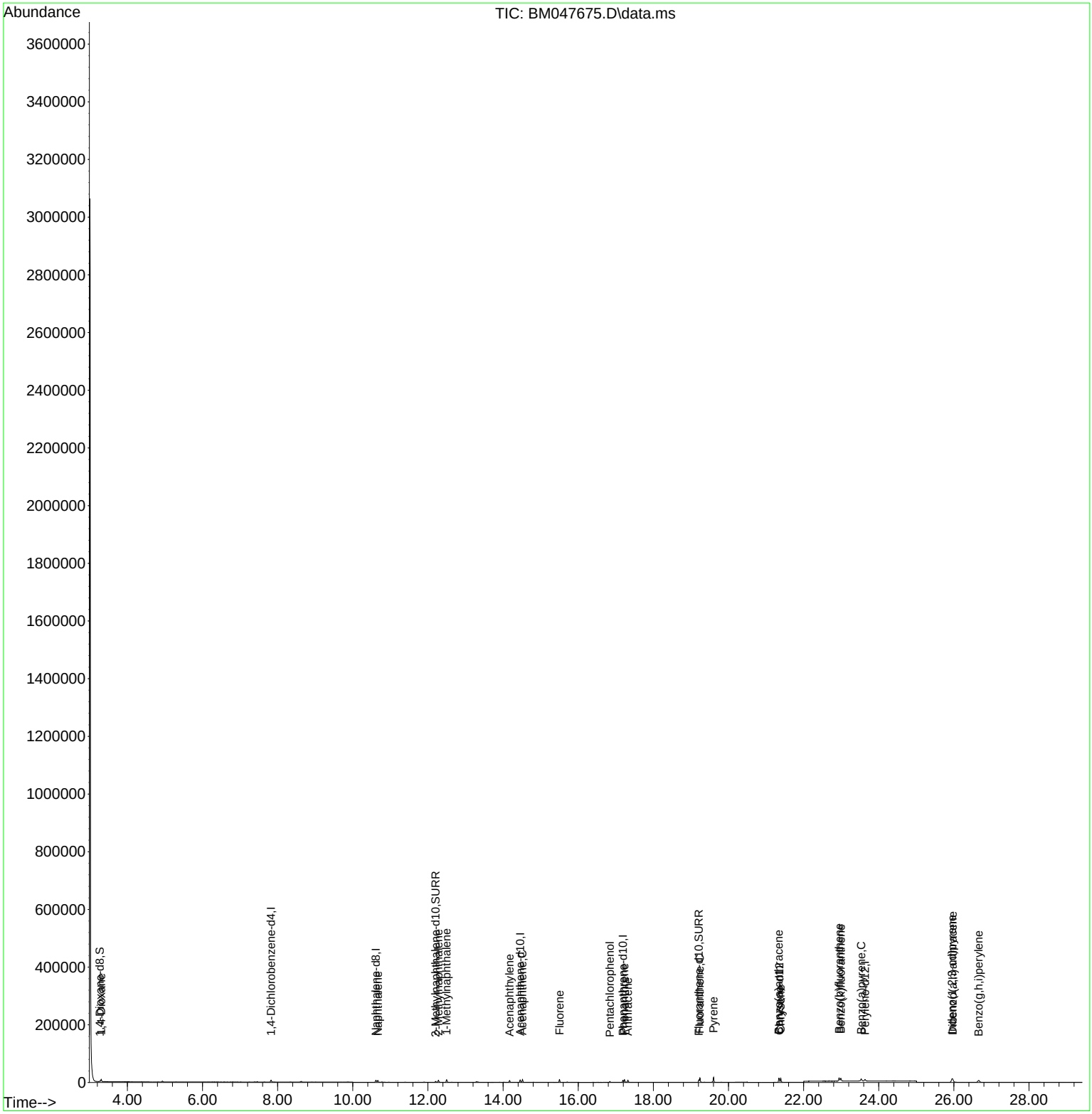
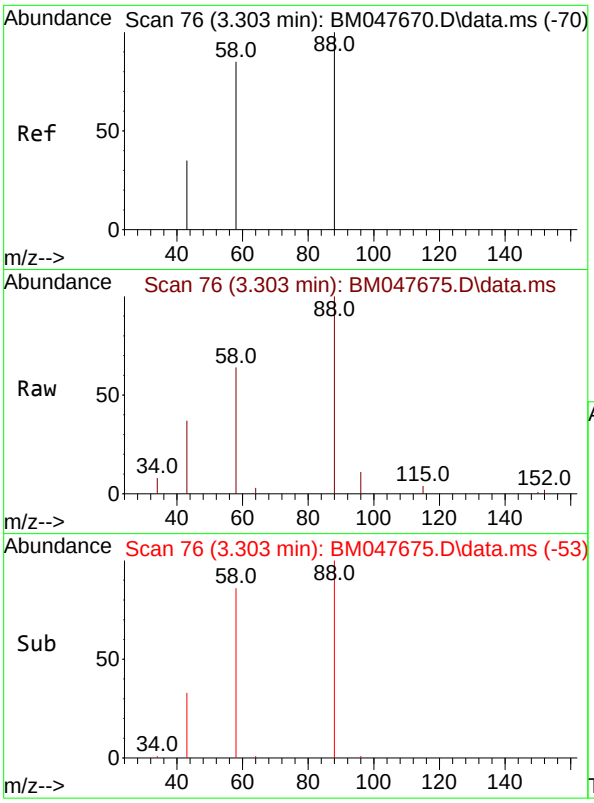
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 16:27:08 2024
Response via : Initial Calibration



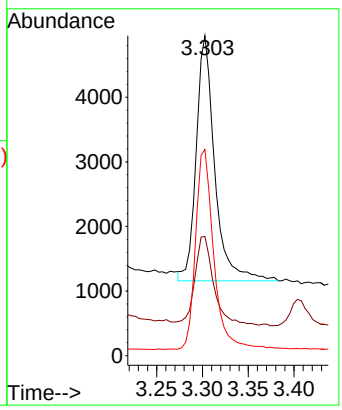


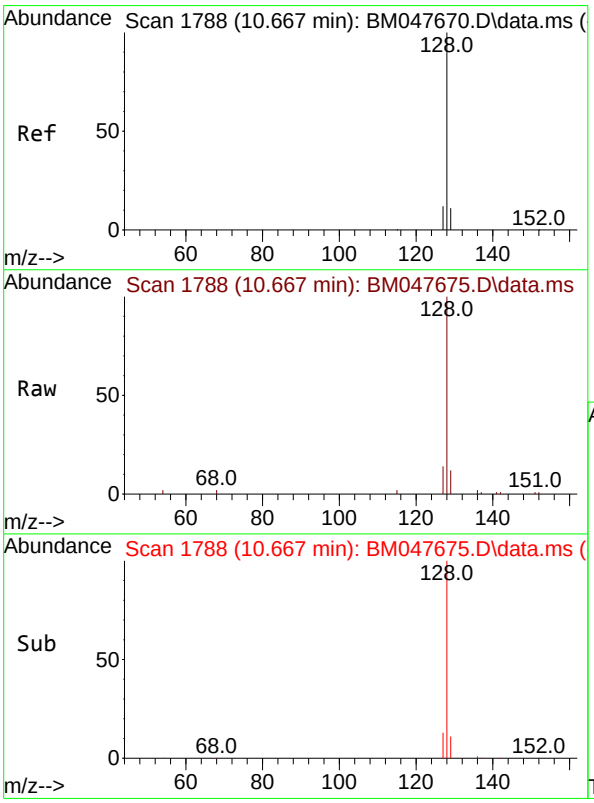
#2
1,4-Dioxane
Concen: 0.979 ng/ul
RT: 3.303 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion: 88 Resp: 5343

Ion	Ratio	Lower	Upper
88	100		
43	37.3	30.9	46.3
58	64.4	42.5	63.7#

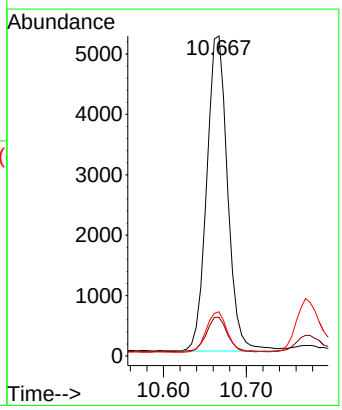


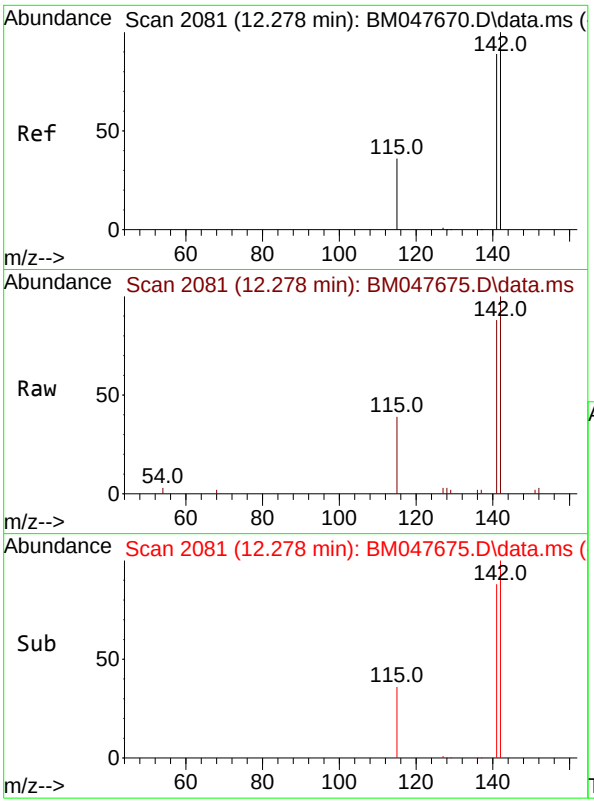


#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.667 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:128 Resp: 9133

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.2	13.8
127	13.8	10.4	15.6



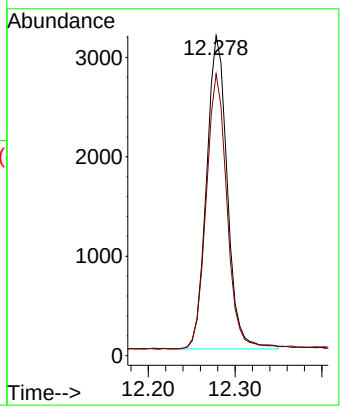


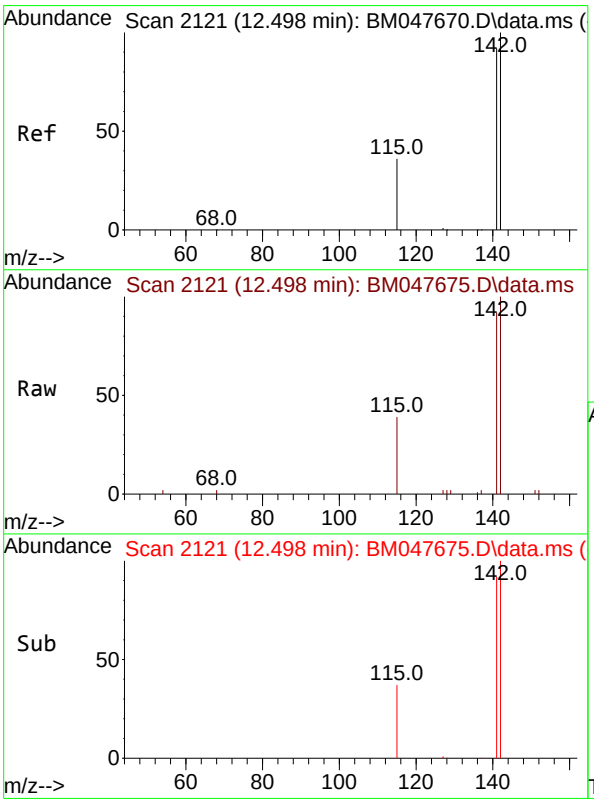
#7
2-Methylnaphthalene
Concen: 0.325 ng/ul
RT: 12.278 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:142 Resp: 5229

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.5	105.7

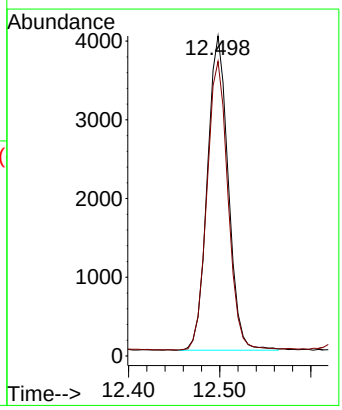


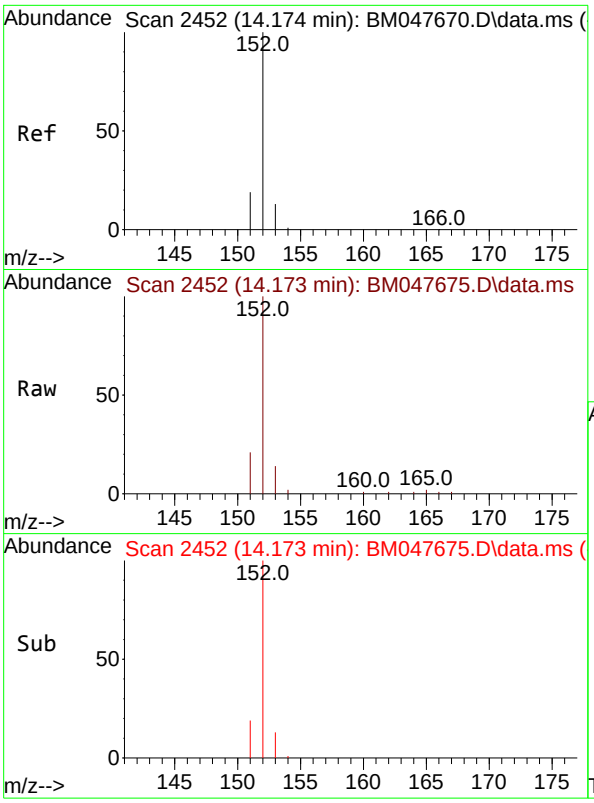


#8
1-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.498 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:142 Resp: 6361

Ion	Ratio	Lower	Upper
142	100		
141	92.4	72.9	109.3



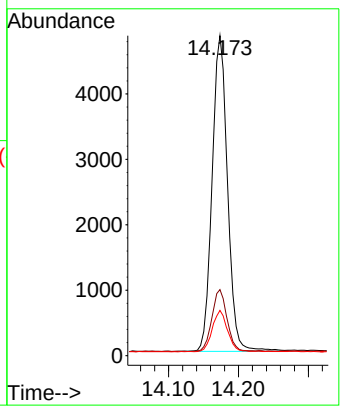


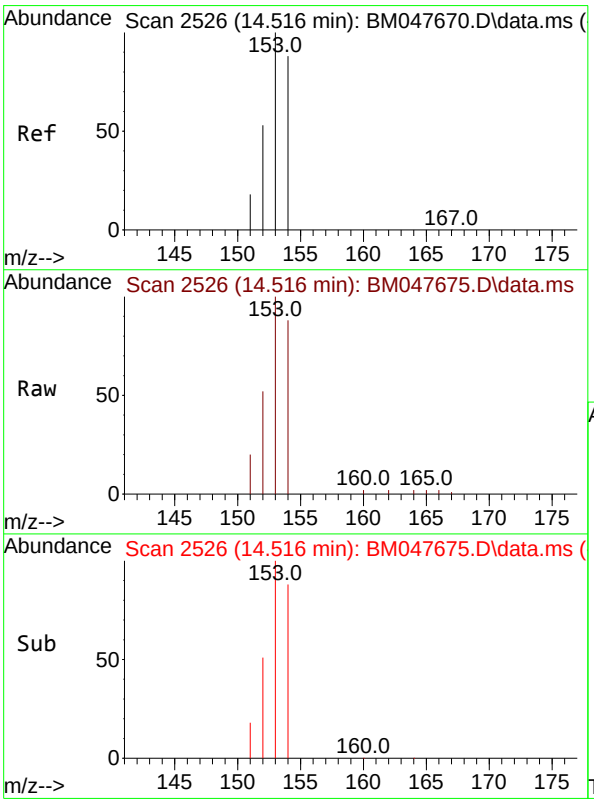
#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 14.173 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:152 Resp: 7406

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	14.2	10.7	16.1

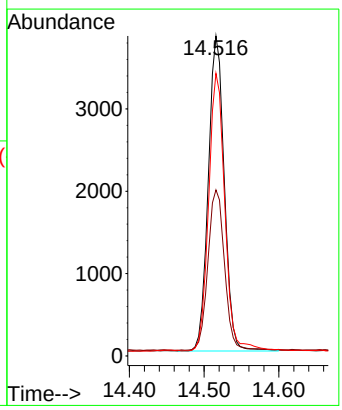


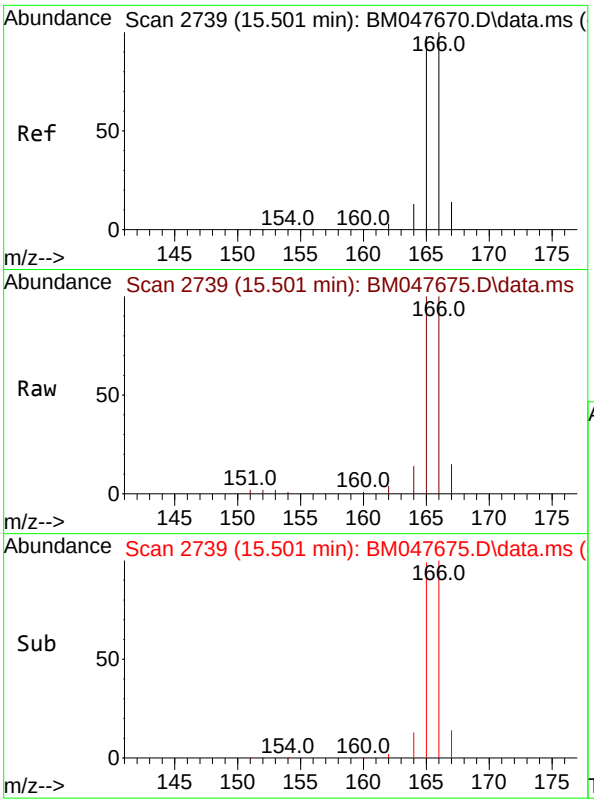


#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:153 Resp: 5685

Ion	Ratio	Lower	Upper
153	100		
152	51.9	41.7	62.5
154	88.3	71.2	106.8



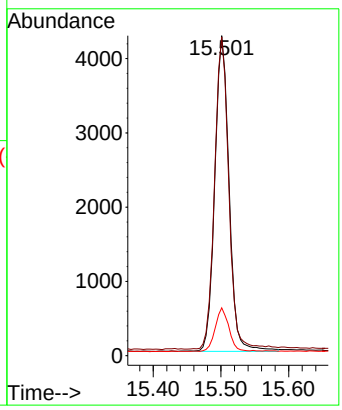


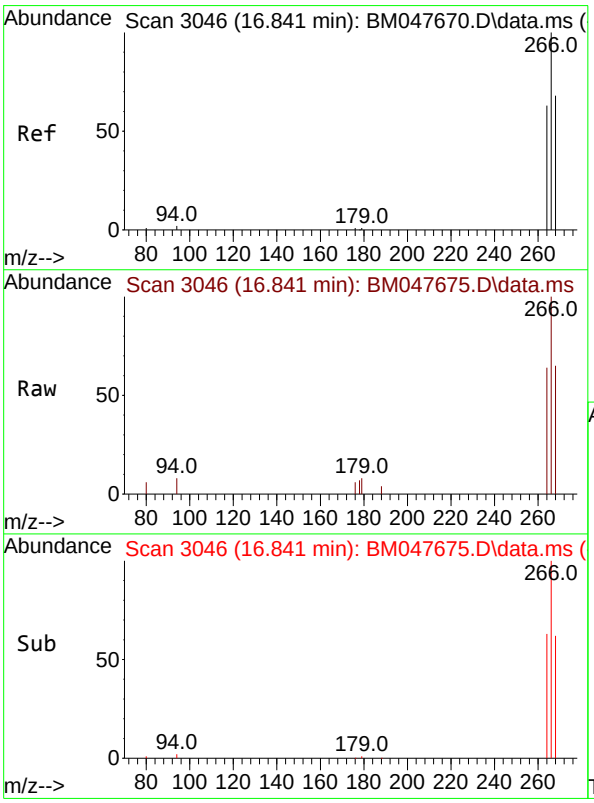
#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.501 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:166 Resp: 6218

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.4	119.2
167	14.9	11.4	17.0

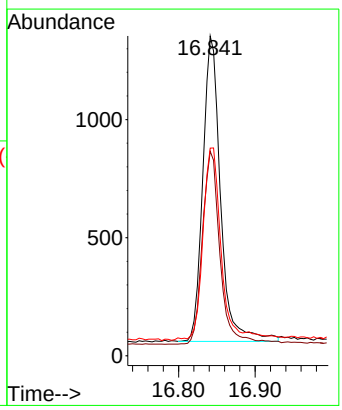


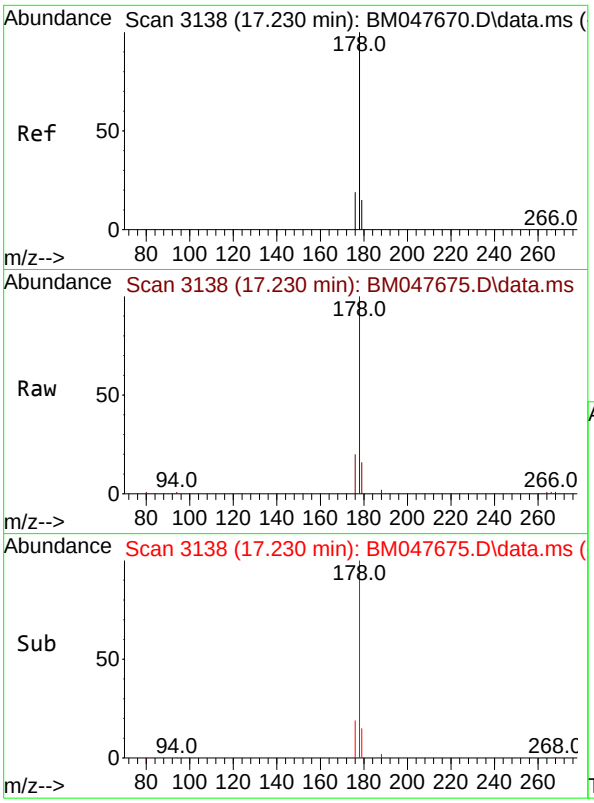


#14
Pentachlorophenol
Concen: 0.765 ng/ul
RT: 16.841 min Scan# 3046
Delta R.T. -0.009 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:266 Resp: 2081

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	65.6	51.2	76.8



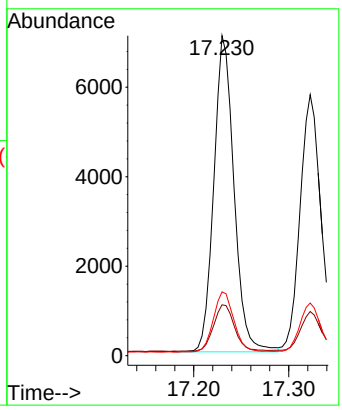


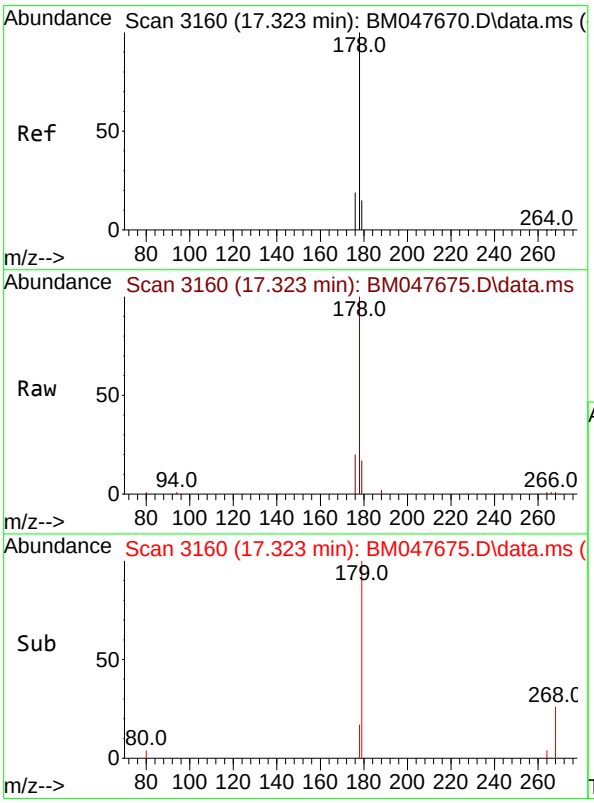
#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.230 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:178 Resp: 10438

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.6
176	20.0	15.9	23.9

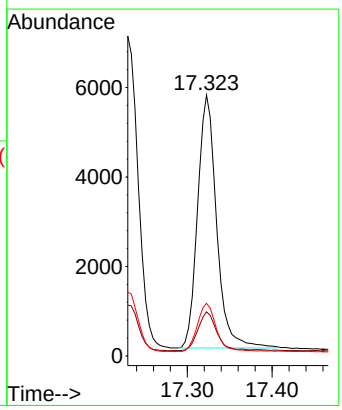


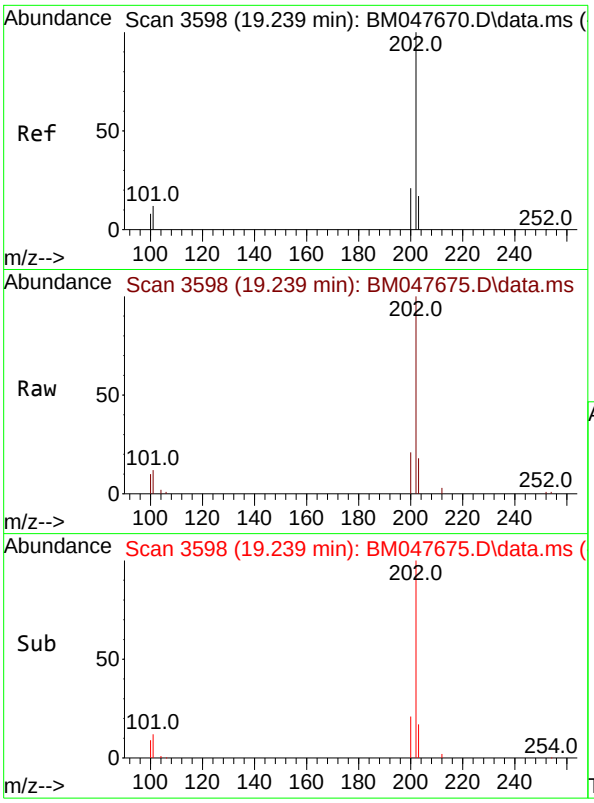


#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.323 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:178 Resp: 8822

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.4
176	20.1	15.4	23.2



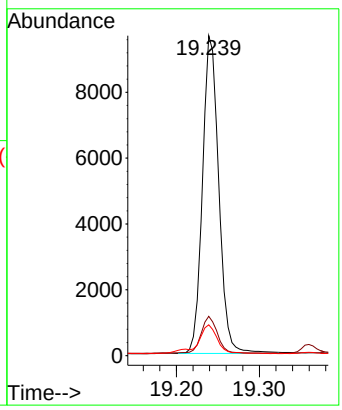


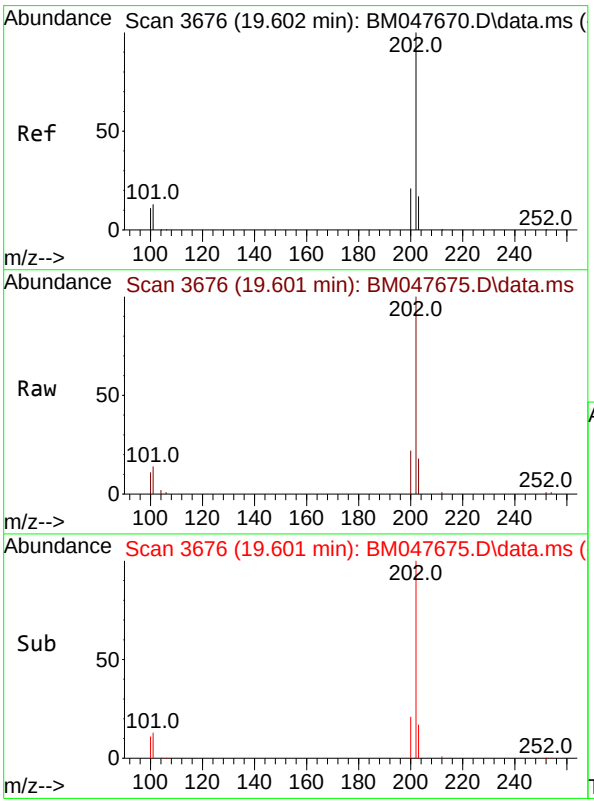
#19
Fluoranthene
Concen: 0.423 ng/ul
RT: 19.239 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:202 Resp: 13215

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
100	9.7	7.4	11.2

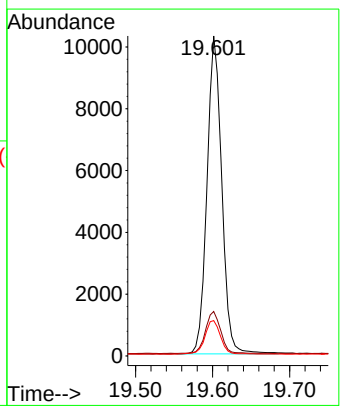


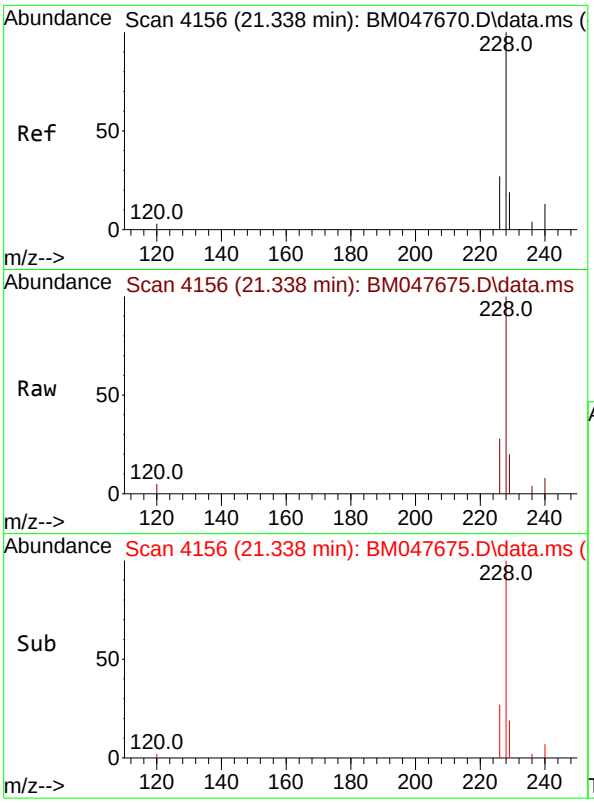


#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.601 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:202 Resp: 13741

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.7	16.1
100	11.0	8.2	12.2



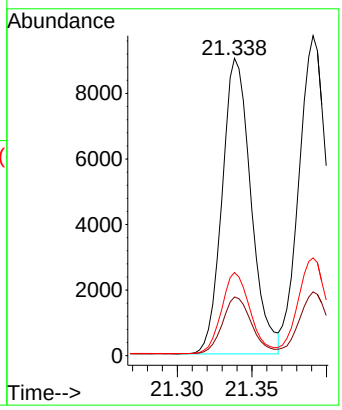


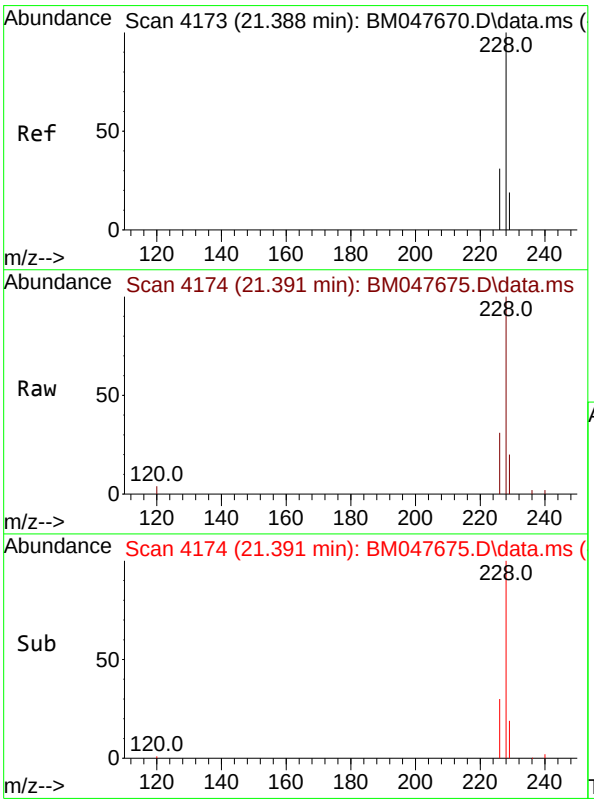
#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.338 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:228 Resp: 12133

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	27.9	22.1	33.1

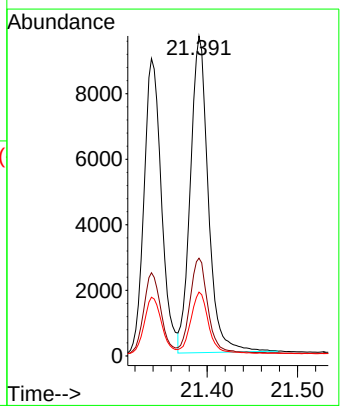


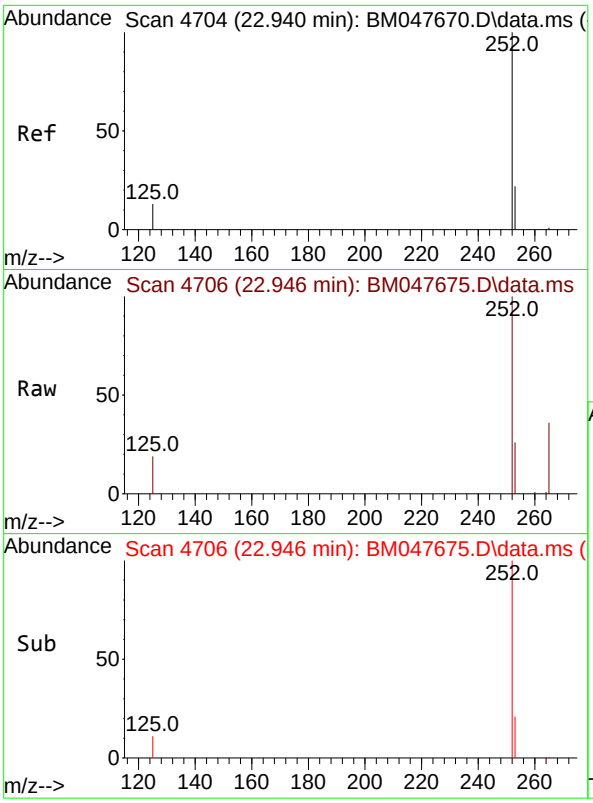


#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.391 min Scan# 4174
Delta R.T. -0.003 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:228 Resp: 13267

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	20.0	15.7	23.5



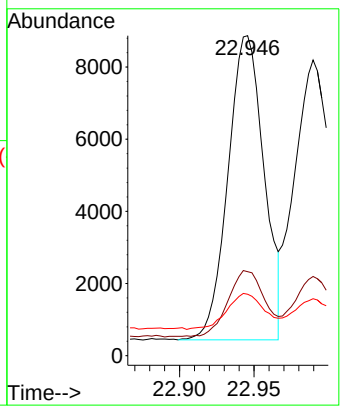


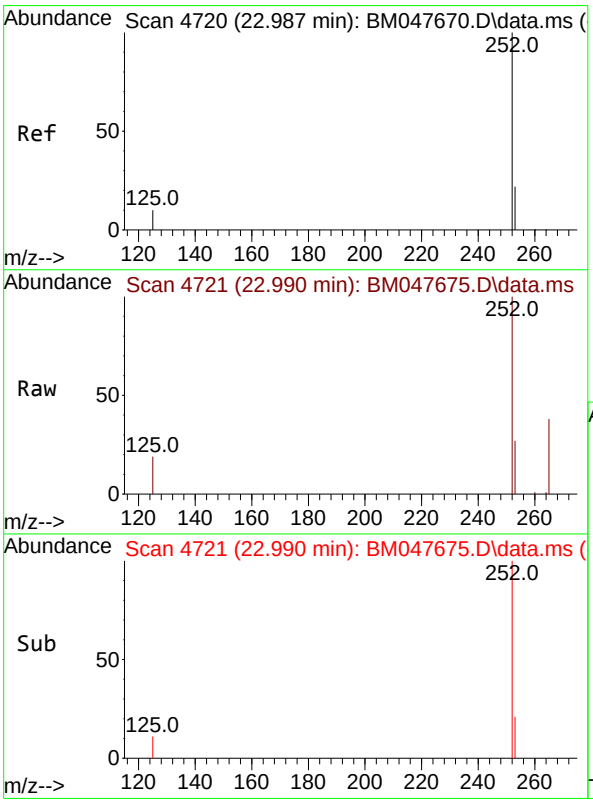
#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.946 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:252 Resp: 14199

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	52.4
125	19.2	0.0	36.4

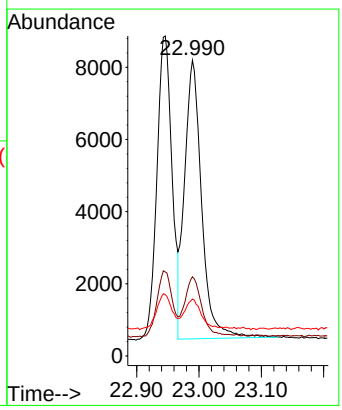


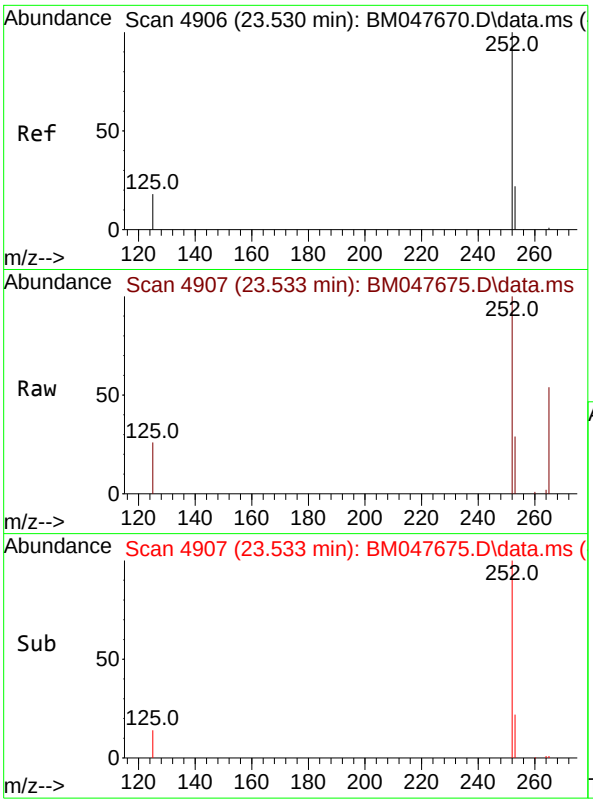


#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul
RT: 22.990 min Scan# 4721
Delta R.T. -0.003 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:252 Resp: 14711

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.0	31.6
125	19.3	14.6	21.8



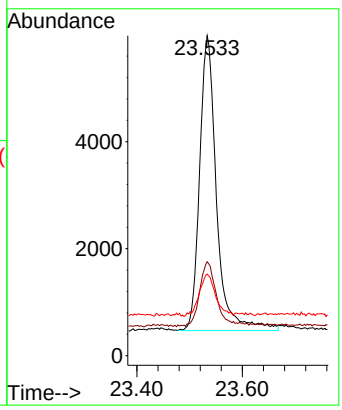


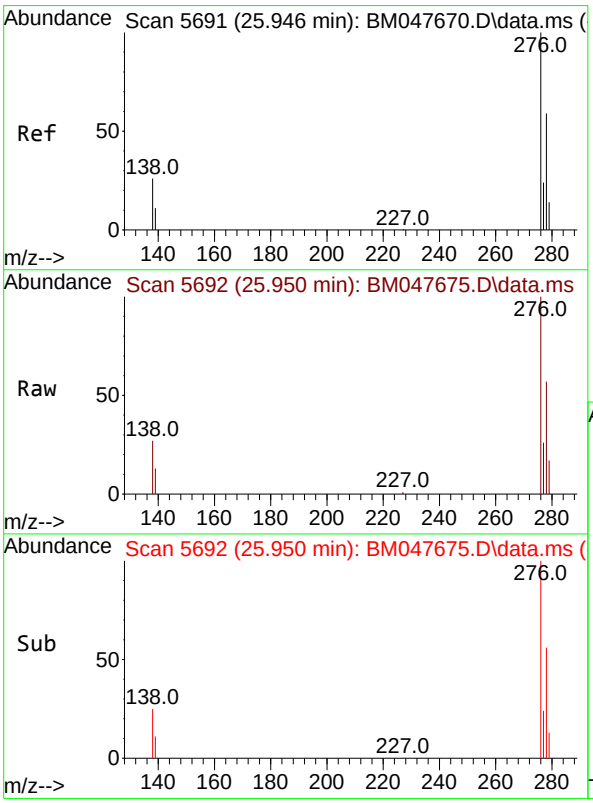
#26
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.533 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:252 Resp: 12256

Ion	Ratio	Lower	Upper
252	100		
253	29.3	23.0	34.4
125	25.5	18.8	28.2

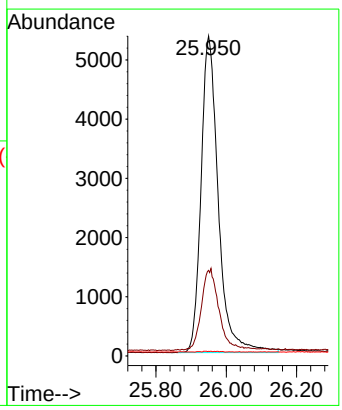


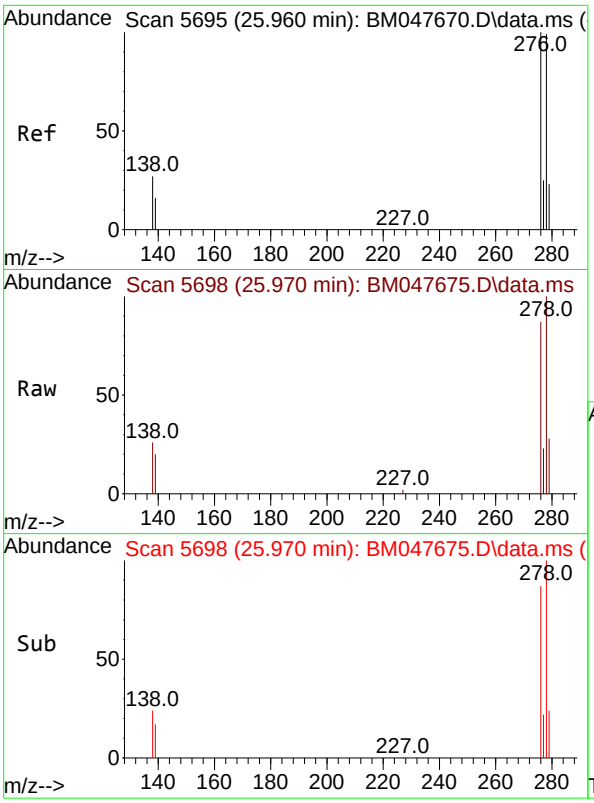


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.010 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:276 Resp: 18214

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.0	33.0
227	0.1	0.2	0.4#



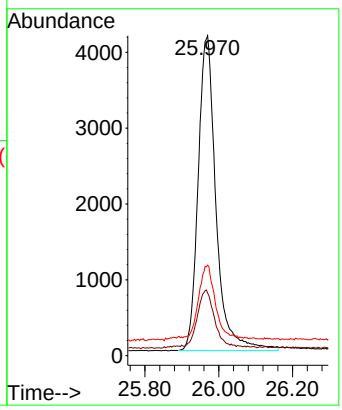


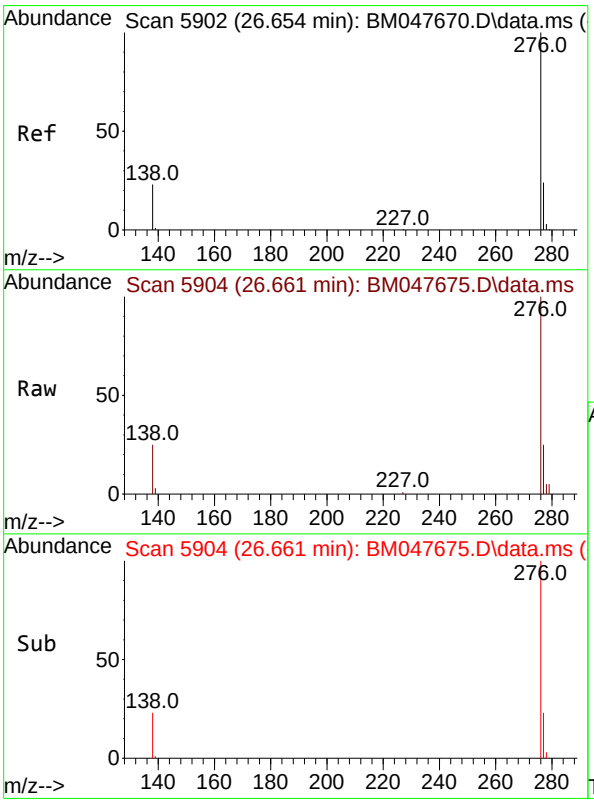
#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 25.970 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Instrument :
BNA_M
ClientSampleId :
EY072MS

Tgt Ion:278 Resp: 13951

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.8	25.2
279	28.3	21.2	31.8





#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 26.661 min Scan# 5904
Delta R.T. -0.007 min
Lab File: BM047675.D
Acq: 27 Sep 2024 12:45

Tgt Ion:276 Resp: 15005

Ion	Ratio	Lower	Upper
276	100		
138	25.0	20.2	30.2
277	25.2	19.8	29.6