Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030425\
Data File : BM049688.D
Acq On : 04 Mar 2025 10:05
Operator : RC/JU
Sample : SSTD0.2055
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Quant Time: Mar 04 12:03:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM030425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 11:57:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	7708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	20128	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.442	164	10849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	19558	0.400	ng/ul	0.00
17) Chrysene-d12	21.368	240	15433	0.400	ng/ul	0.00
23) Perylene-d12	23.653	264	17532	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	1889	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	6091	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.211	212	9882	0.209	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.286	88	2136	0.230	ng/ul#	88
5) Naphthalene	10.650	128	10908	0.218	ng/ul	97
7) 2-Methylnaphthalene	12.267	142	6974	0.214	ng/ul	100
8) 1-Methylnaphthalene	12.487	142	7259	0.219	ng/ul	100
10) Acenaphthylene	14.164	152	9860	0.214	ng/ul	98
11) Acenaphthene	14.507	153	7186	0.214	ng/ul	99
12) Fluorene	15.492	166	7897	0.207	ng/ul	99
14) Pentachlorophenol	16.841	266	717	0.181	ng/ul	93
15) Phenanthrene	17.230	178	12008	0.226	ng/ul	98
16) Anthracene	17.318	178	10726	0.221	ng/ul	98
19) Fluoranthene	19.244	202	12709	0.201	ng/ul	99
20) Pyrene	19.606	202	13433	0.204	ng/ul	98
21) Benzo(a)anthracene	21.350	228	11484	0.216	ng/ul	99
22) Chrysene	21.403	228	12648	0.224	ng/ul	99
24) Benzo(b)fluoranthene	22.963	252	12932	0.220	ng/ul	88
25) Benzo(k)fluoranthene	23.007	252	13516	0.207	ng/ul#	88
26) Benzo(a)pyrene	23.551	252	11968	0.224	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.977	276	17529	0.230	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.993	278	13571	0.232	ng/ul#	92
29) Benzo(g,h,i)perylene	26.684	276	14211	0.233	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030425\
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Sample : SSTD0.2055
Misc :
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Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Quant Time: Mar 04 12:03:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM030425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 04 11:57:36 2025
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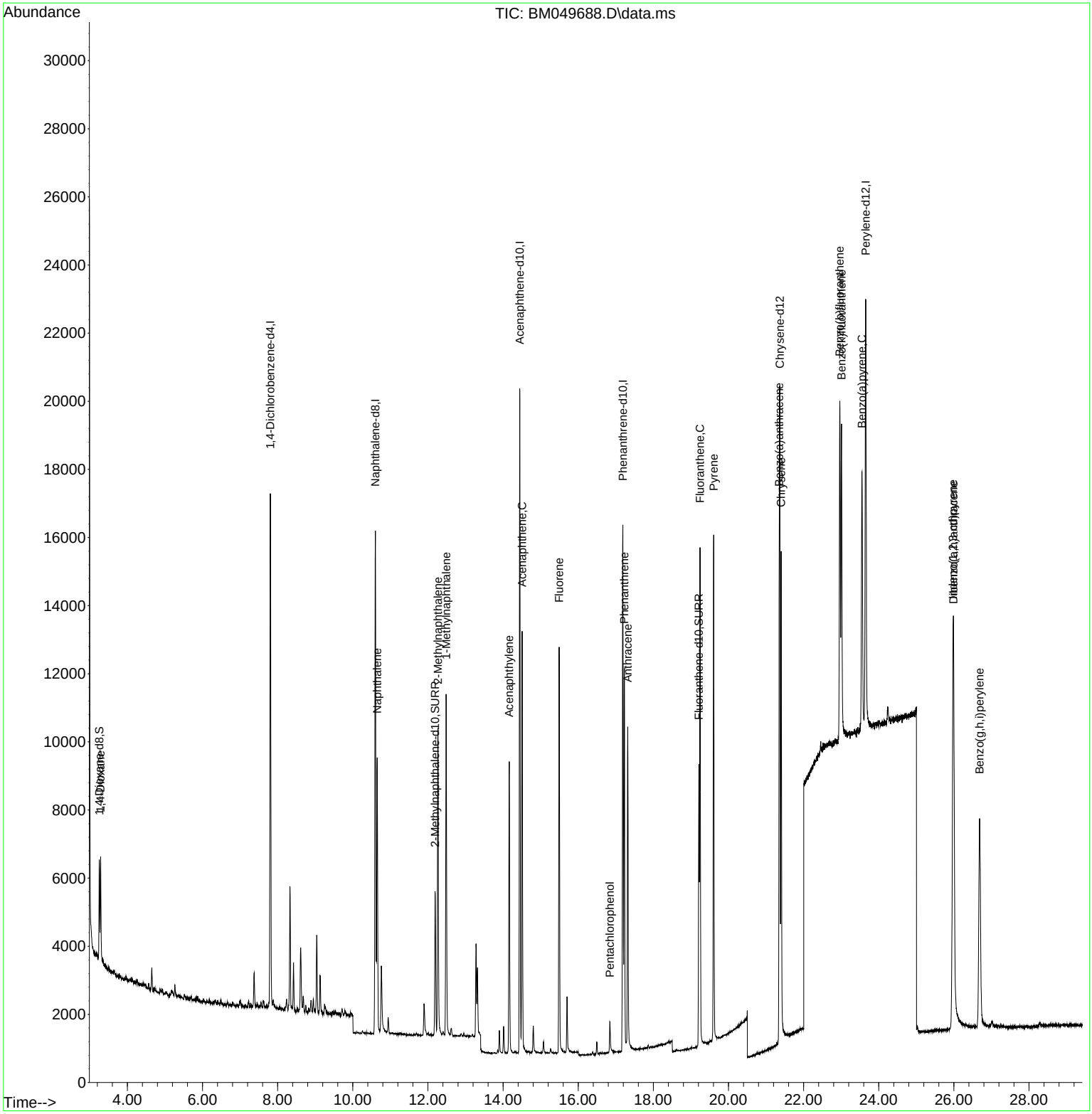
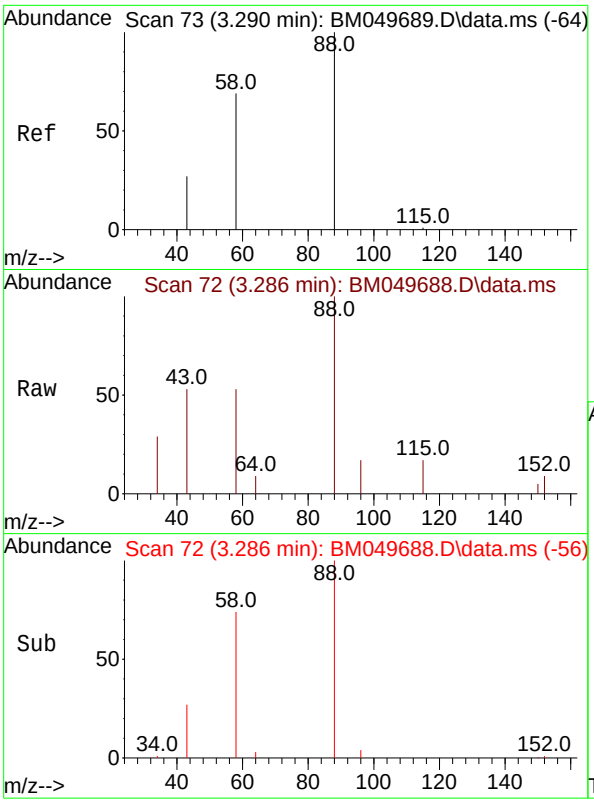


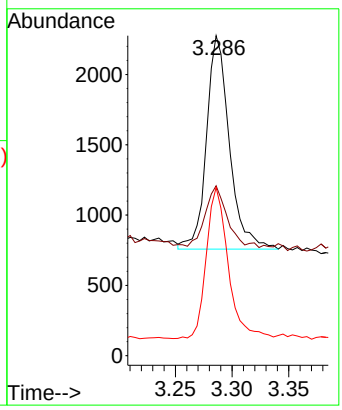


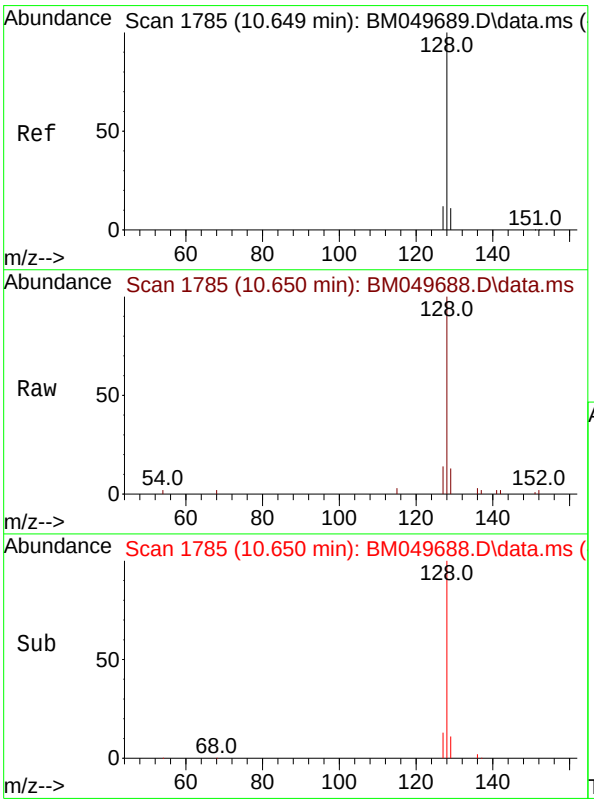
#2
1,4-Dioxane
Concen: 0.230 ng/ul
RT: 3.286 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion: 88 Resp: 2136

Ion	Ratio	Lower	Upper
88	100		
43	53.1	32.6	49.0#
58	52.5	45.9	68.9

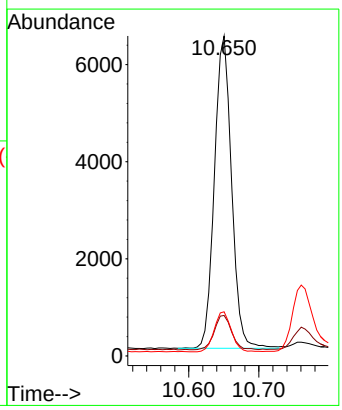


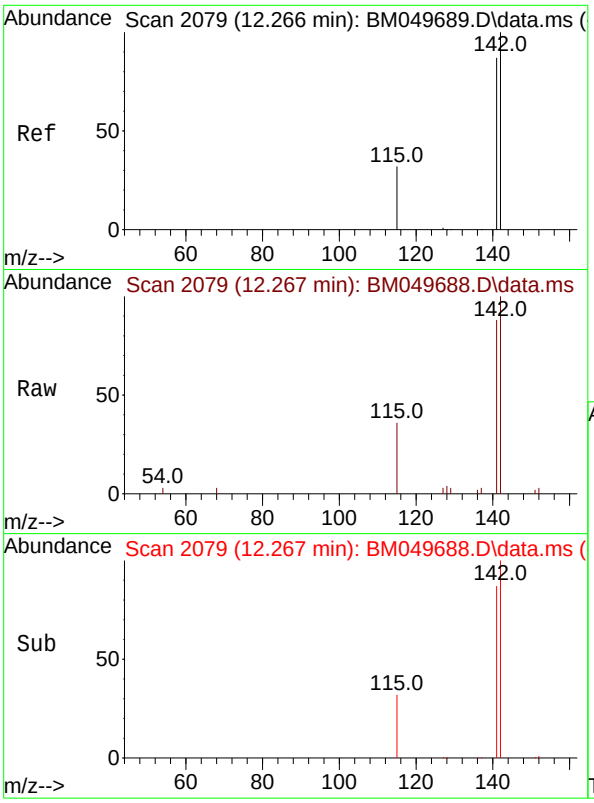


#5
Naphthalene
Concen: 0.218 ng/ul
RT: 10.650 min Scan# 1785
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:128 Resp: 10908

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.2	13.8
127	13.8	10.2	15.4



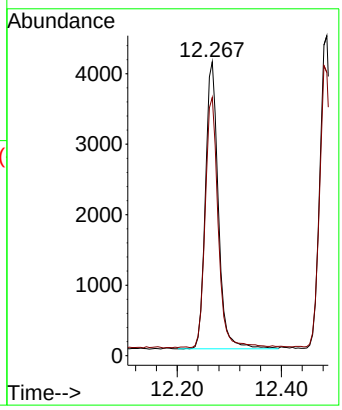


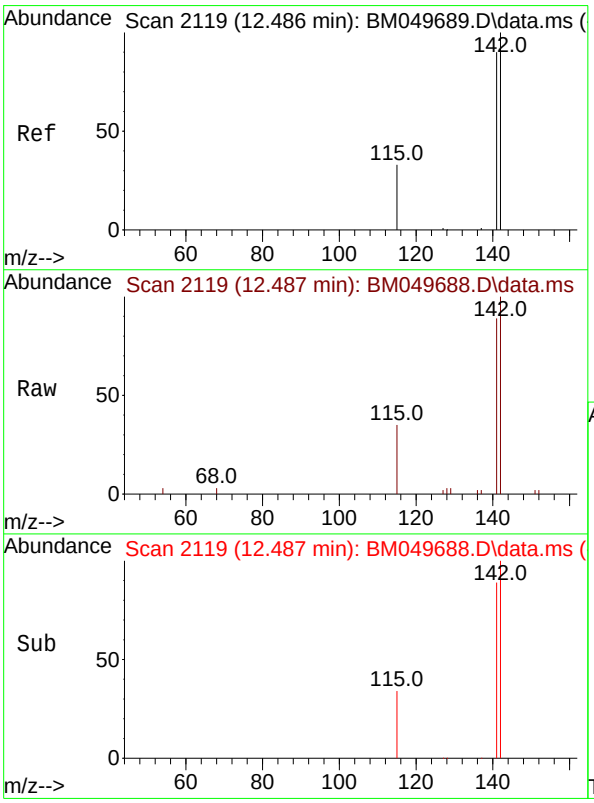
#7
2-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.267 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:142 Resp: 6974

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0

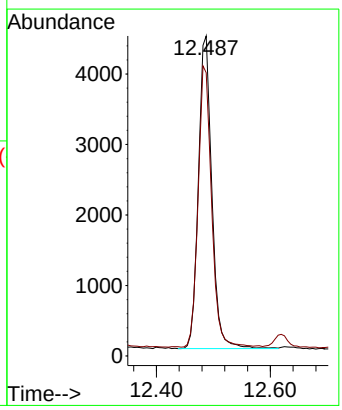


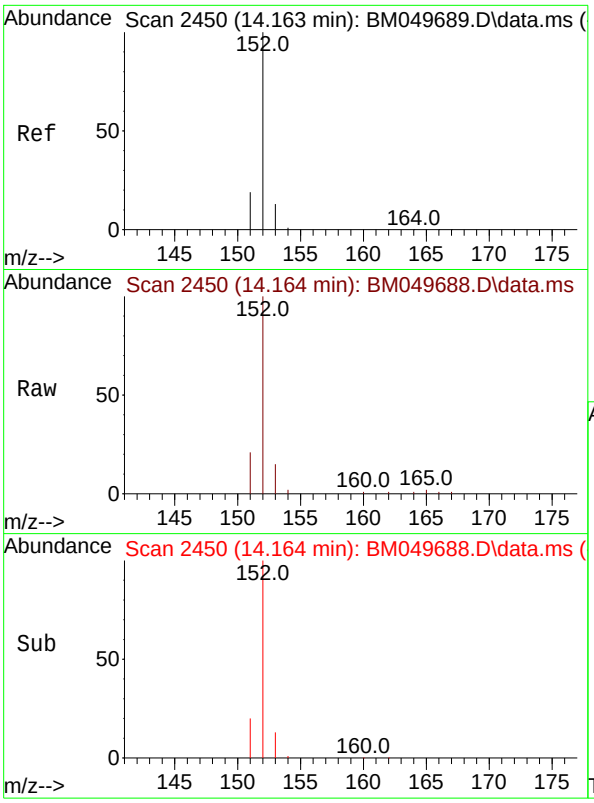


#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.487 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:142 Resp: 7259

Ion	Ratio	Lower	Upper
142	100		
141	90.3	72.4	108.6



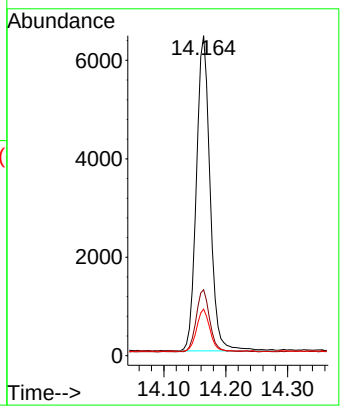


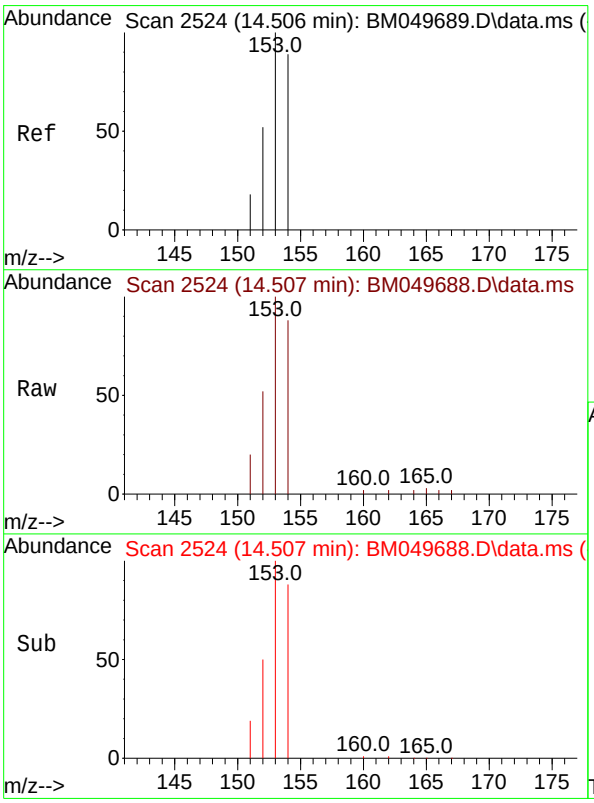
#10
Acenaphthylene
Concen: 0.214 ng/ul
RT: 14.164 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:152 Resp: 9860

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	14.5	11.0	16.4

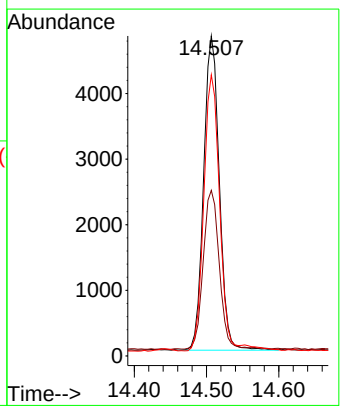


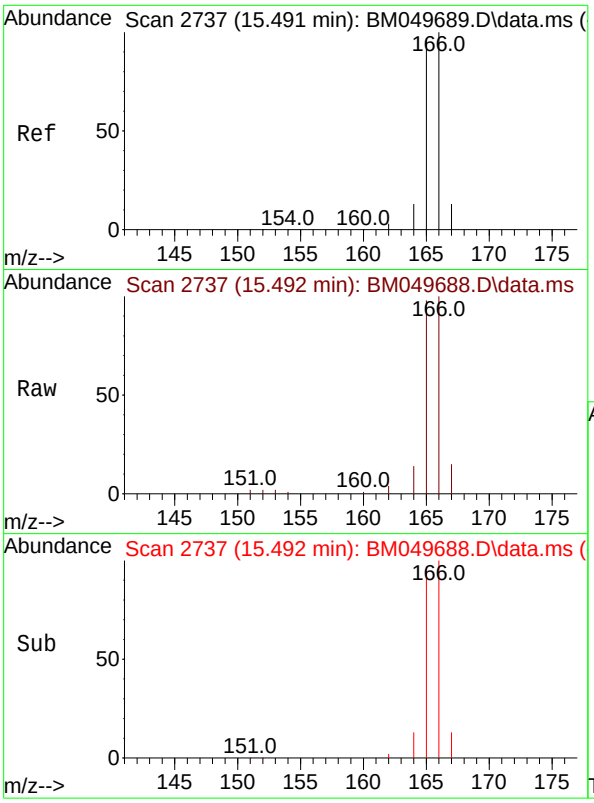


#11
Acenaphthene
Concen: 0.214 ng/ul
RT: 14.507 min Scan# 2524
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:153 Resp: 7186

Ion	Ratio	Lower	Upper
153	100		
152	51.8	42.0	63.0
154	87.9	71.6	107.4



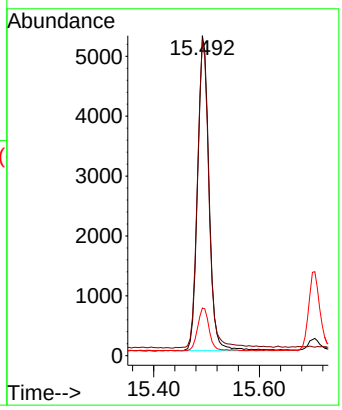


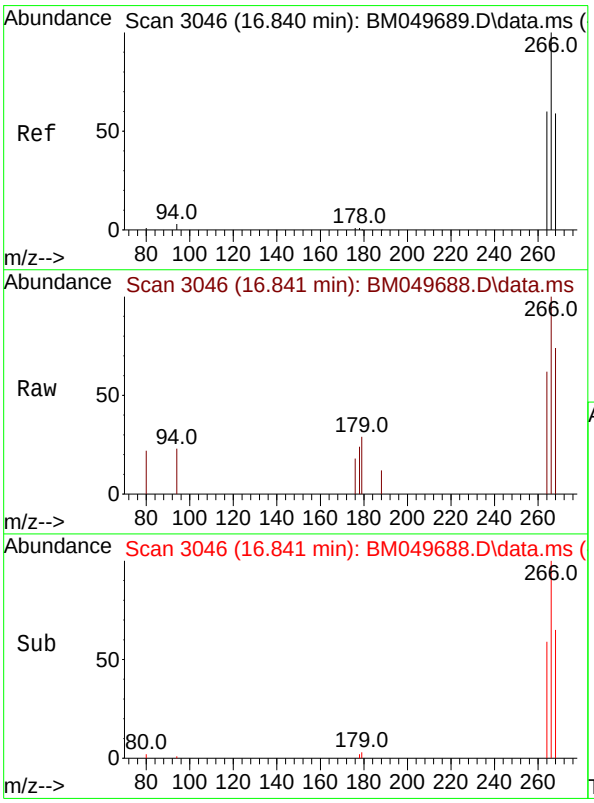
#12
Fluorene
Concen: 0.207 ng/ul
RT: 15.492 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:166 Resp: 7897

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.6	116.4
167	14.9	11.1	16.7

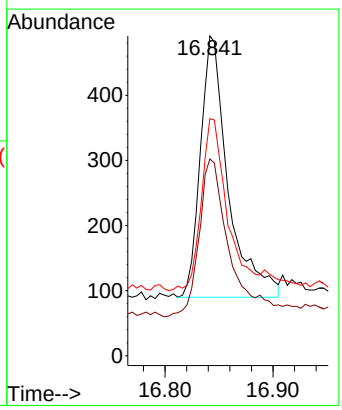


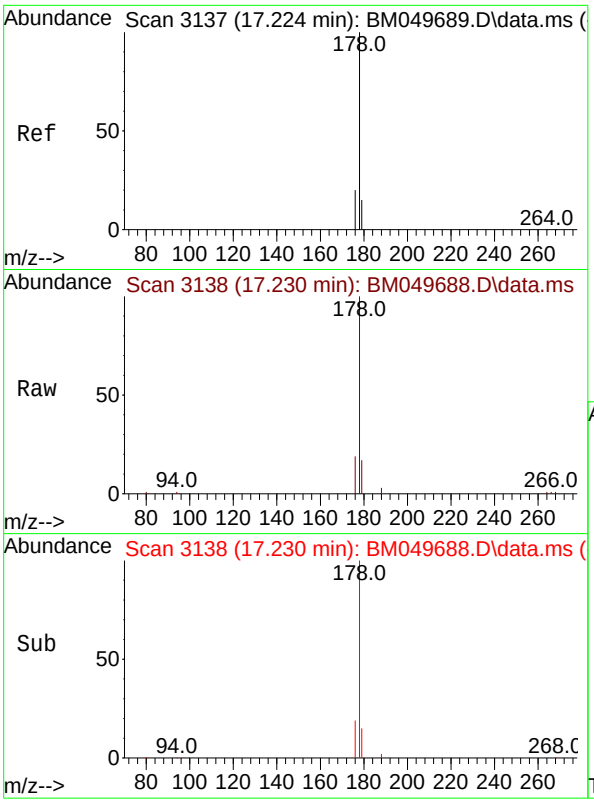


#14
Pentachlorophenol
Concen: 0.181 ng/ul
RT: 16.841 min Scan# 3046
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:266 Resp: 717

Ion	Ratio	Lower	Upper
266	100		
264	68.5	50.2	75.4
268	67.8	49.9	74.9



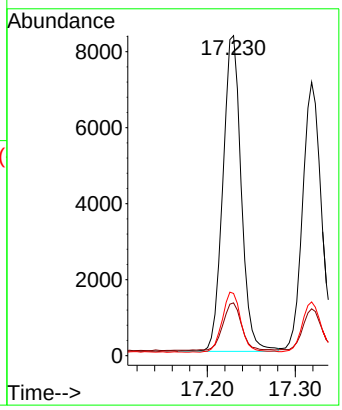


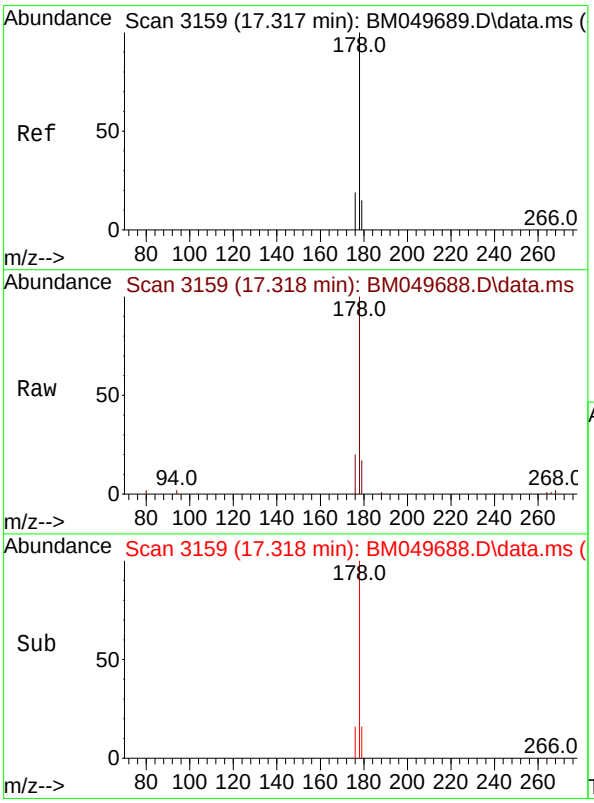
#15
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.230 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:178 Resp: 12008

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.7	19.1
176	19.5	16.2	24.2

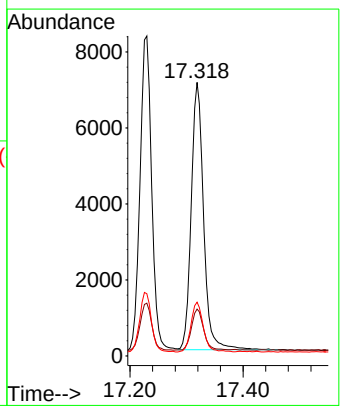


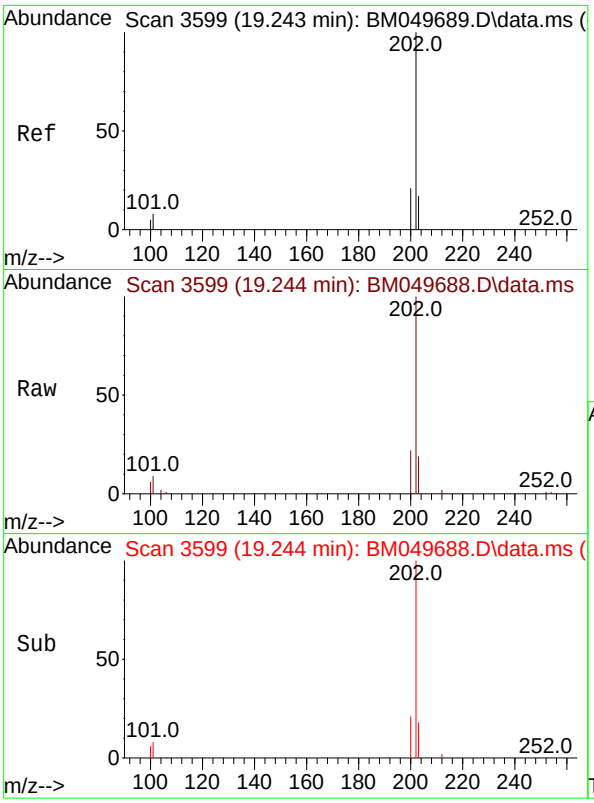


#16
Anthracene
Concen: 0.221 ng/ul
RT: 17.318 min Scan# 3159
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:178 Resp: 10726

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.6	19.0
176	19.6	15.5	23.3



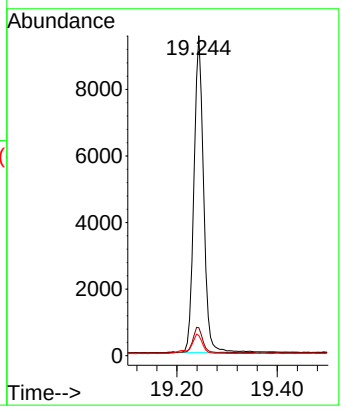


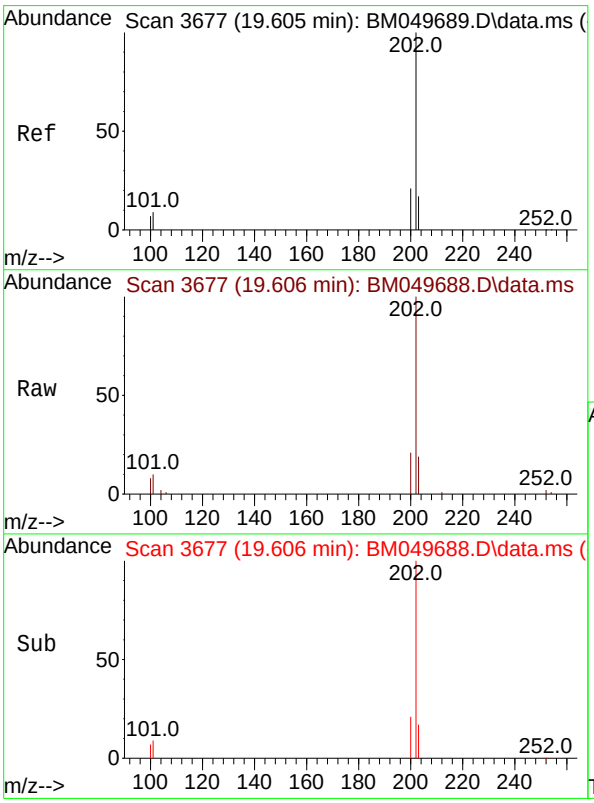
#19
Fluoranthene
Concen: 0.201 ng/ul
RT: 19.244 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:202 Resp: 12709

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.6	10.0
100	6.3	5.0	7.4

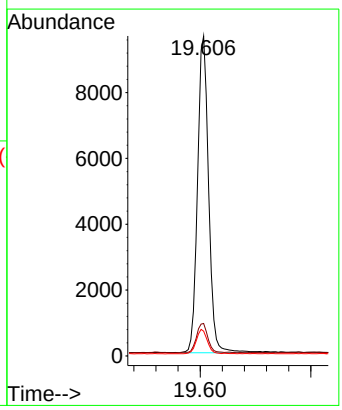


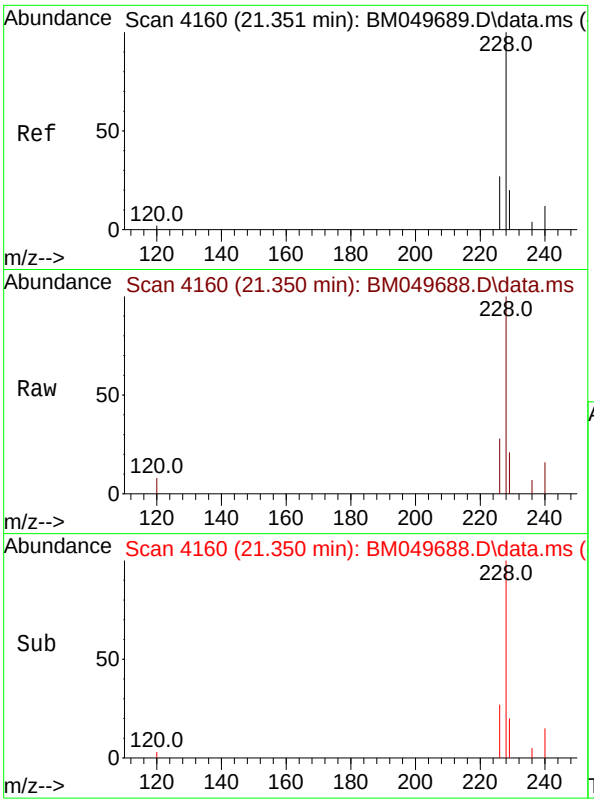


#20
Pyrene
Concen: 0.204 ng/ul
RT: 19.606 min Scan# 3677
Delta R.T. 0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:202 Resp: 13433

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.4	11.2
100	7.7	6.0	9.0



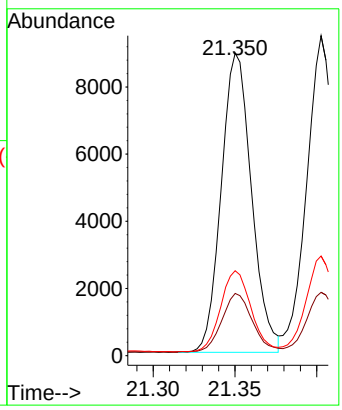


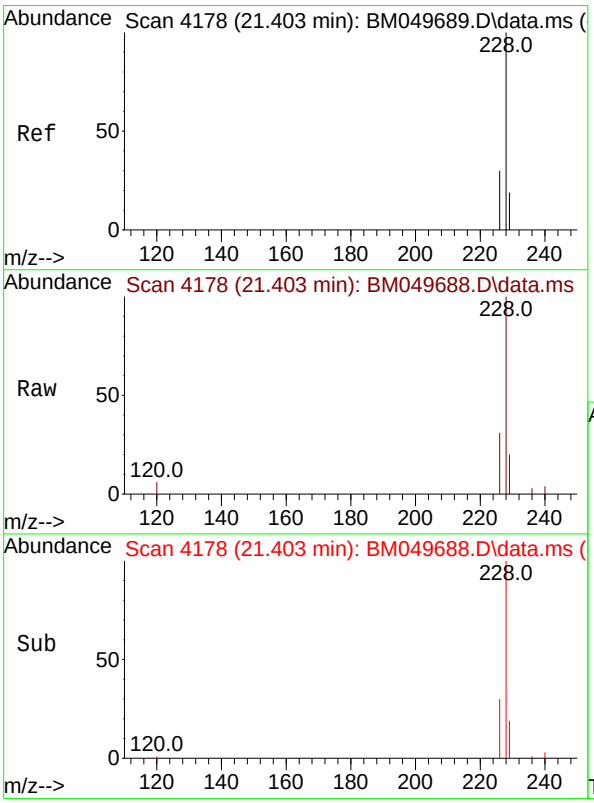
#21
Benzo(a)anthracene
Concen: 0.216 ng/ul
RT: 21.350 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:228 Resp: 11484

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.1	22.1	33.1

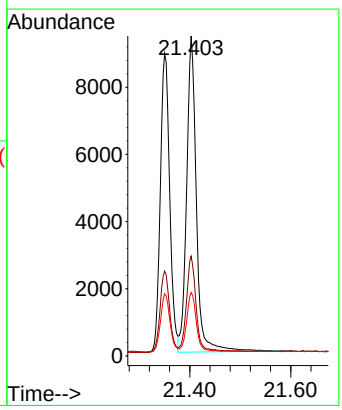


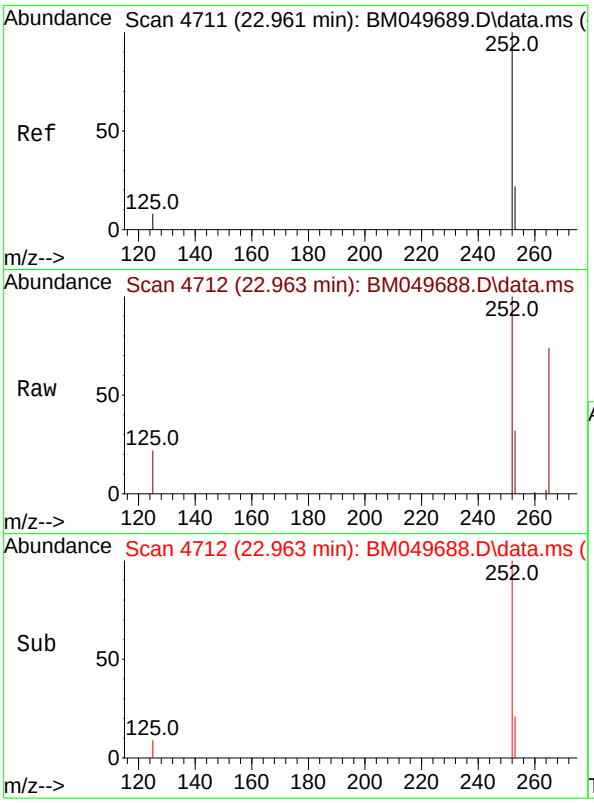


#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.403 min Scan# 4178
Delta R.T. -0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:228 Resp: 12648

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.4
229	19.8	16.0	24.0



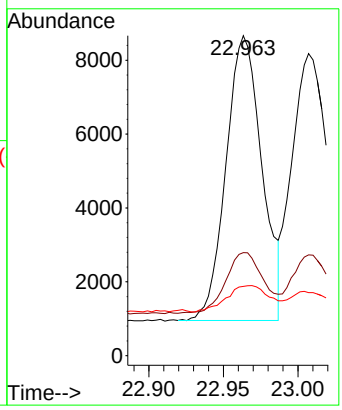


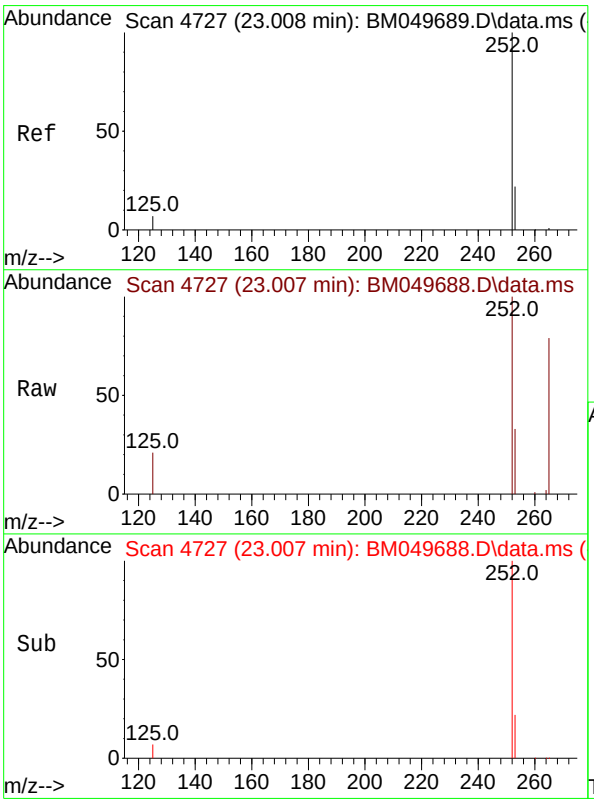
#24
Benzo(b)fluoranthene
Concen: 0.220 ng/ul
RT: 22.963 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:252 Resp: 12932

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	54.4
125	21.7	0.0	29.2

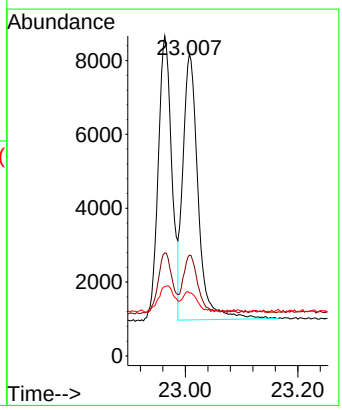


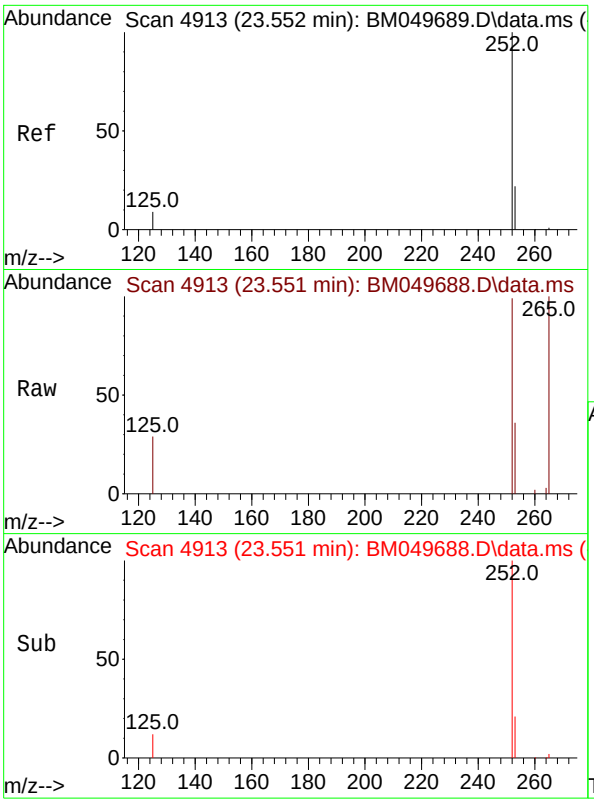


#25
Benzo(k)fluoranthene
Concen: 0.207 ng/ul
RT: 23.007 min Scan# 4727
Delta R.T. -0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:252 Resp: 13516

Ion	Ratio	Lower	Upper
252	100		
253	33.4	22.2	33.2#
125	20.9	11.7	17.5#



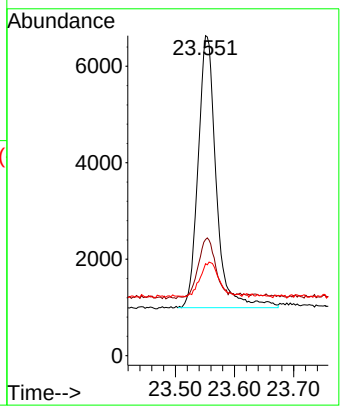


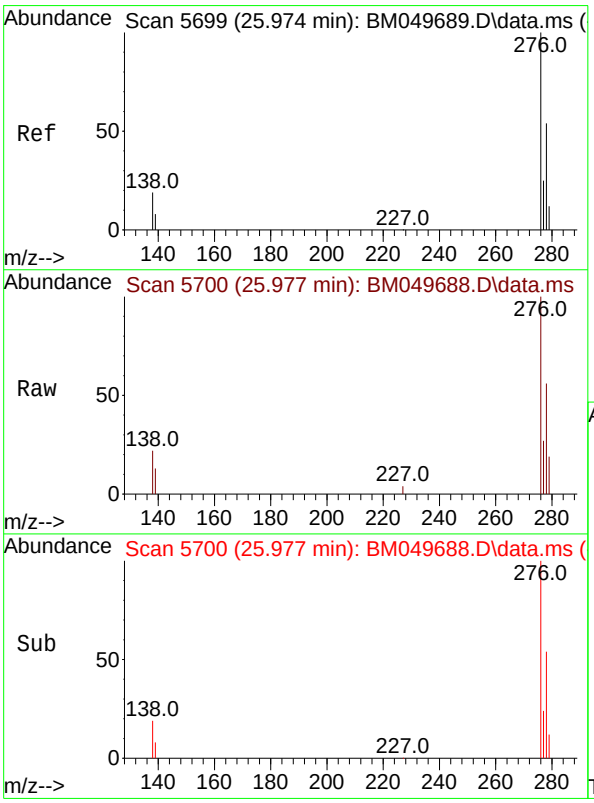
#26
Benzo(a)pyrene
Concen: 0.224 ng/ul
RT: 23.551 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:252 Resp: 11968

Ion	Ratio	Lower	Upper
252	100		
253	36.3	23.7	35.5#
125	28.8	15.0	22.4#

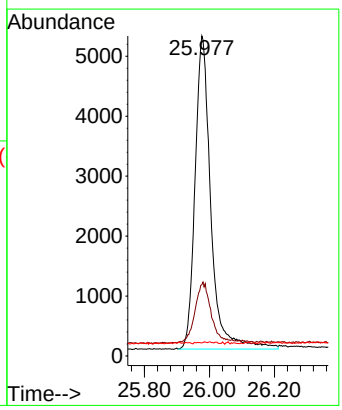


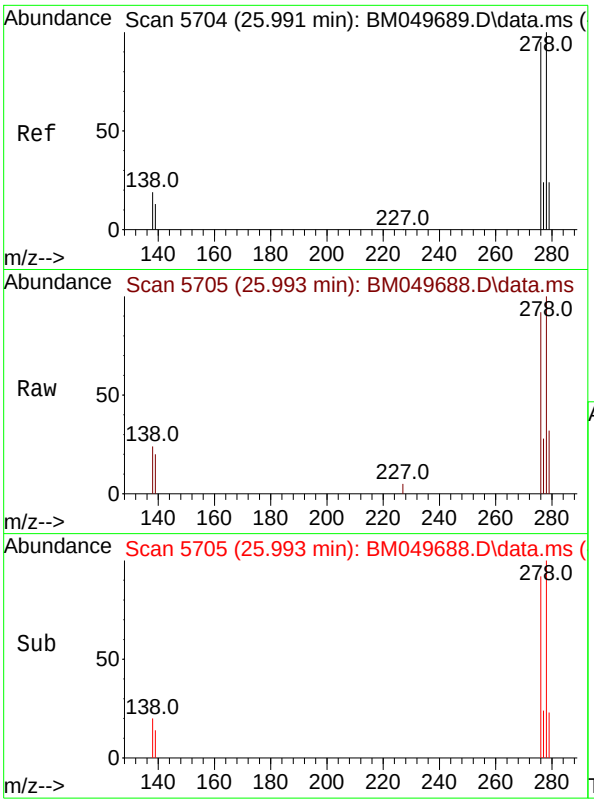


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.230 ng/ul
RT: 25.977 min Scan# 5700
Delta R.T. 0.003 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:276 Resp: 17529

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.2	24.4
227	0.1	0.1	0.1#



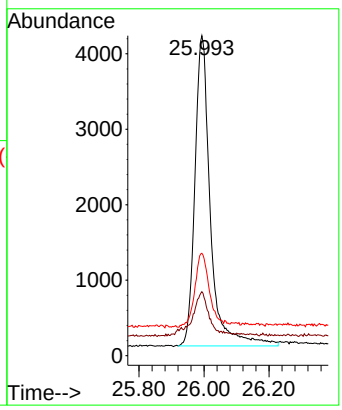


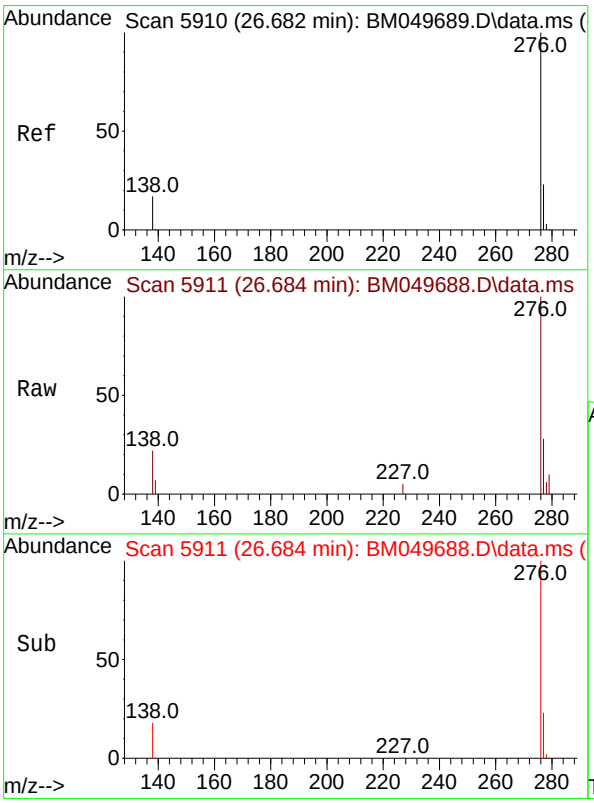
#28
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 25.993 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.2042

Tgt Ion:278 Resp: 13571

Ion	Ratio	Lower	Upper
278	100		
139	20.0	13.0	19.4#
279	32.0	22.6	33.8





#29
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 26.684 min Scan# 5911
Delta R.T. 0.003 min
Lab File: BM049688.D
Acq: 04 Mar 2025 10:05

Tgt Ion:276 Resp: 14211

Ion	Ratio	Lower	Upper
276	100		
138	22.3	15.2	22.8
277	27.8	20.3	30.5