Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042025.D
Acq On : 25 Sep 2023 10:07
Operator : MA/JU
Sample : PB155607BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS607

Quant Time: Sep 25 10:52:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5258	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	12691	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5764	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	11365	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	3934	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	3484	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	5564	0.777	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	6602	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8285	0.511	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	16387	2.174	ng/ul#	85
5) Naphthalene	10.812	128	16187	0.381	ng/ul	99
7) 2-Methylnaphthalene	12.423	142	9860	0.389	ng/ul	100
8) 1-Methylnaphthalene	12.643	142	9591	0.373	ng/ul	99
10) Acenaphthylene	14.324	152	15126	0.392	ng/ul	100
11) Acenaphthene	14.657	153	11403	0.385	ng/ul	100
12) Fluorene	15.647	166	12870	0.386	ng/ul	99
14) Pentachlorophenol	16.982	266	3340	0.556	ng/ul	99
15) Phenanthrene	17.392	178	19999	0.379	ng/ul	99
16) Anthracene	17.485	178	17119	0.376	ng/ul	99
19) Fluoranthene	19.403	202	20438	0.460	ng/ul	99
20) Pyrene	19.766	202	20699	0.473	ng/ul	98
21) Benzo(a)anthracene	21.507	228	11880	0.398	ng/ul	99
22) Chrysene	21.559	228	12599	0.409	ng/ul	100
24) Benzo(b)fluoranthene	23.187	252	11082	0.413	ng/ul	94
25) Benzo(k)fluoranthene	23.237	252	11046	0.424	ng/ul	94
26) Benzo(a)pyrene	23.827	252	9664	0.438	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.428	276	11951	0.395	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.448	278	8447	0.386	ng/ul	93
29) Benzo(g,h,i)perylene	27.202	276	10453	0.410	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042025.D
Acq On : 25 Sep 2023 10:07
Operator : MA/JU
Sample : PB155607BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
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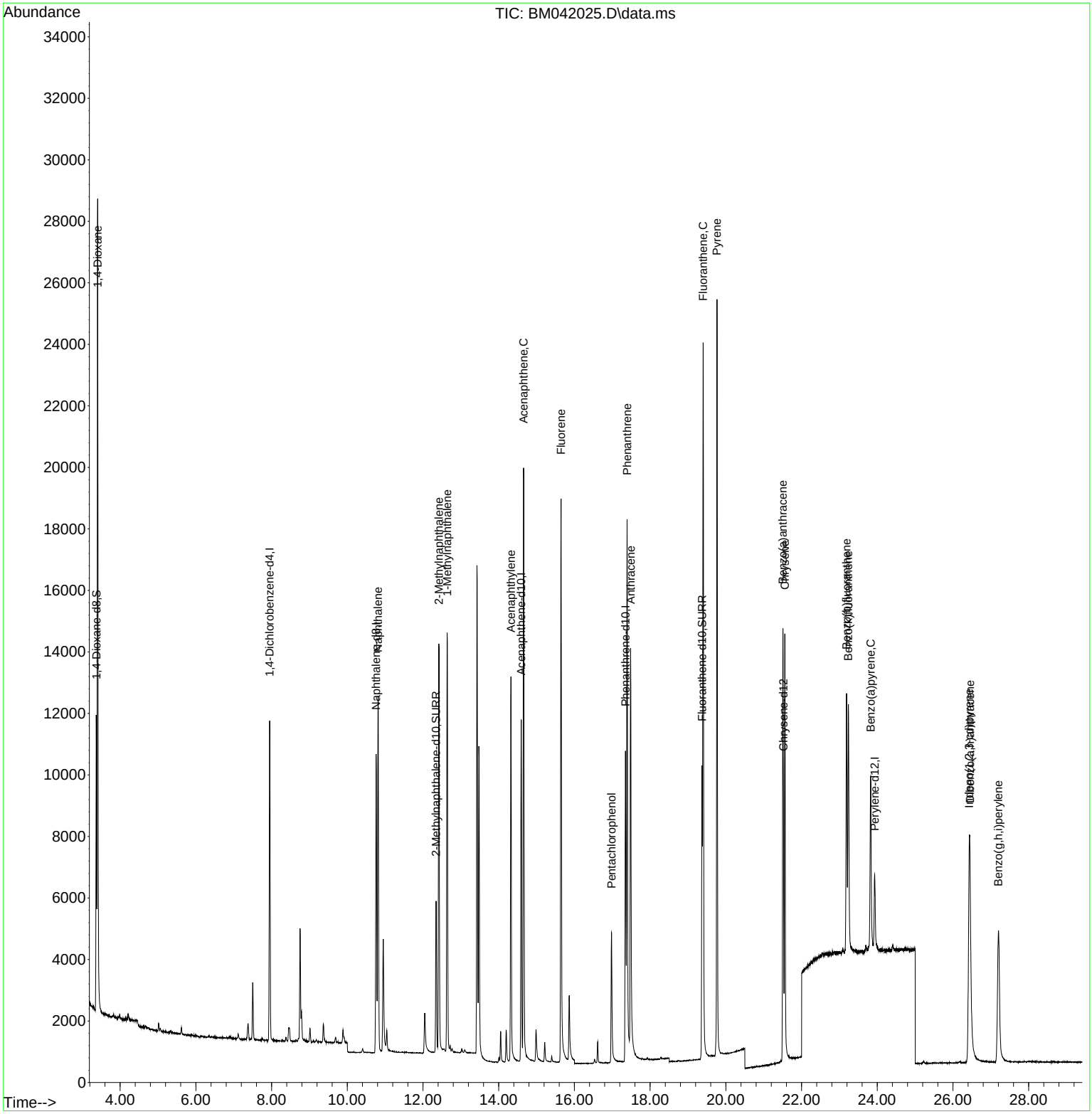
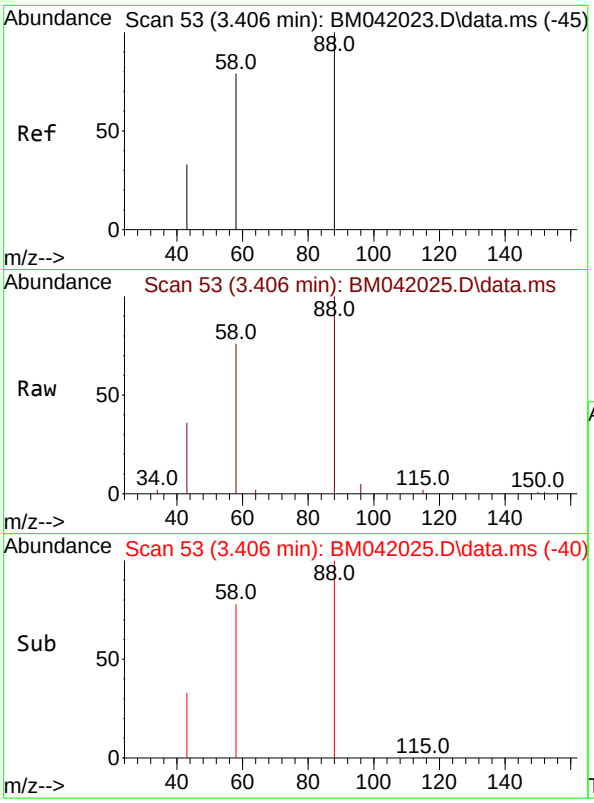
Quant Time: Sep 25 10:52:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration



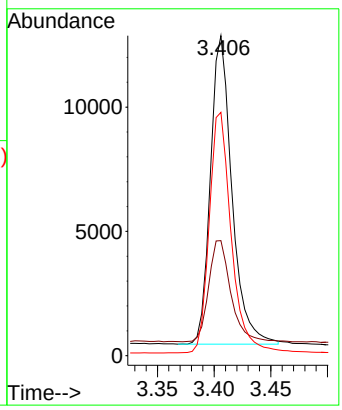


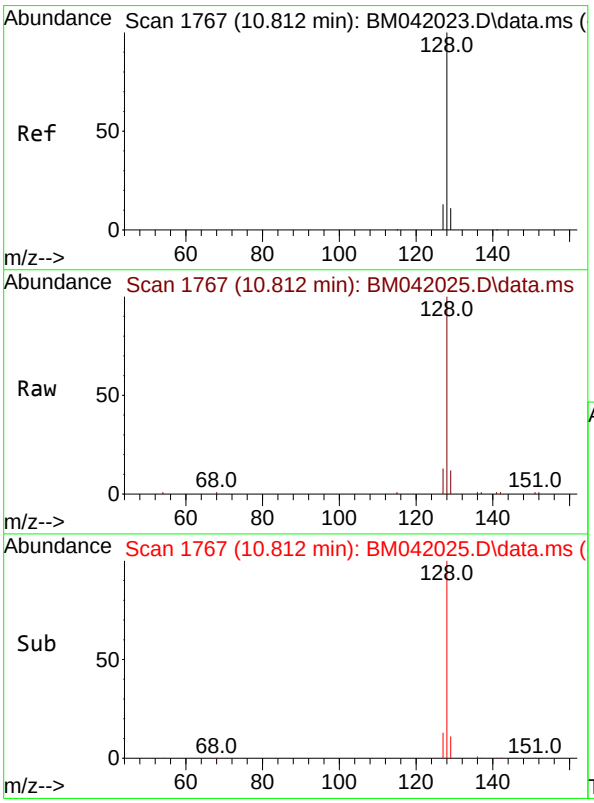
#2
1,4-Dioxane
Concen: 2.174 ng/ul
RT: 3.406 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion: 88 Resp: 16387

Ion	Ratio	Lower	Upper
88	100		
43	35.9	42.9	64.3#
58	76.1	56.4	84.6

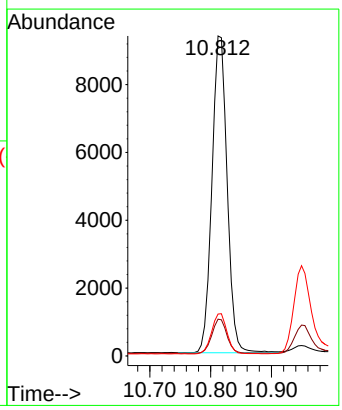


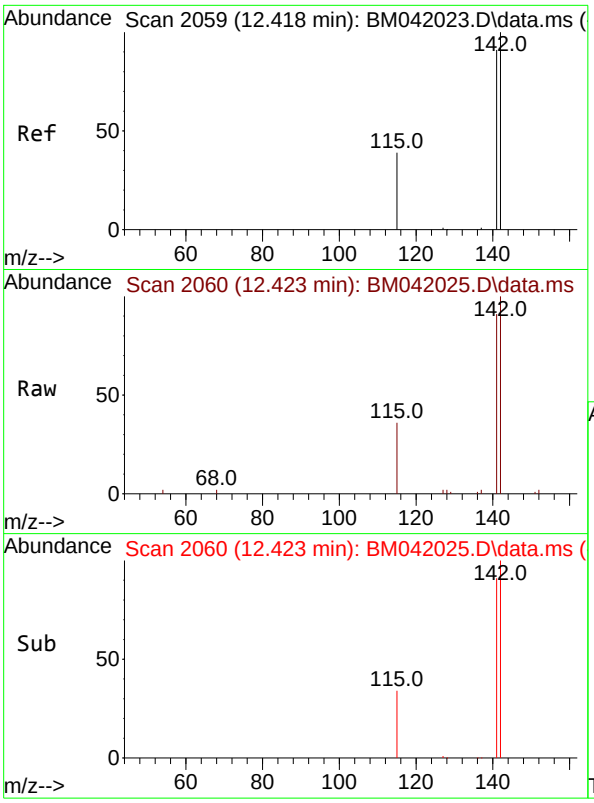


#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:128 Resp: 16187

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.1	10.8	16.2



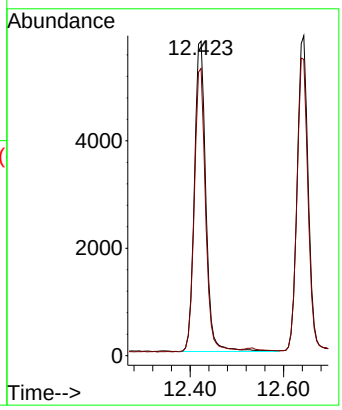


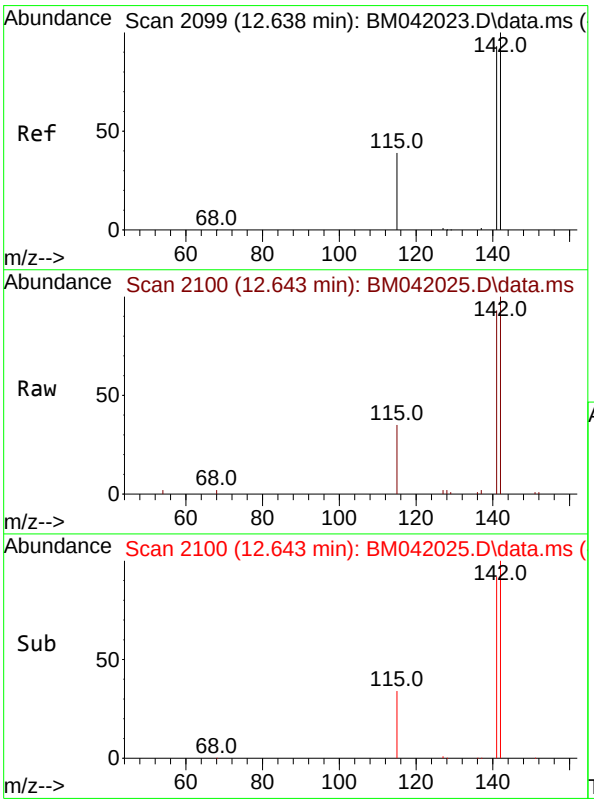
#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.423 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:142 Resp: 9860

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.1	108.1

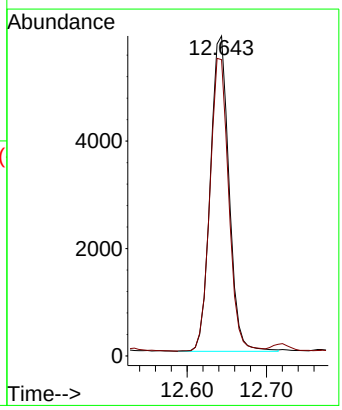


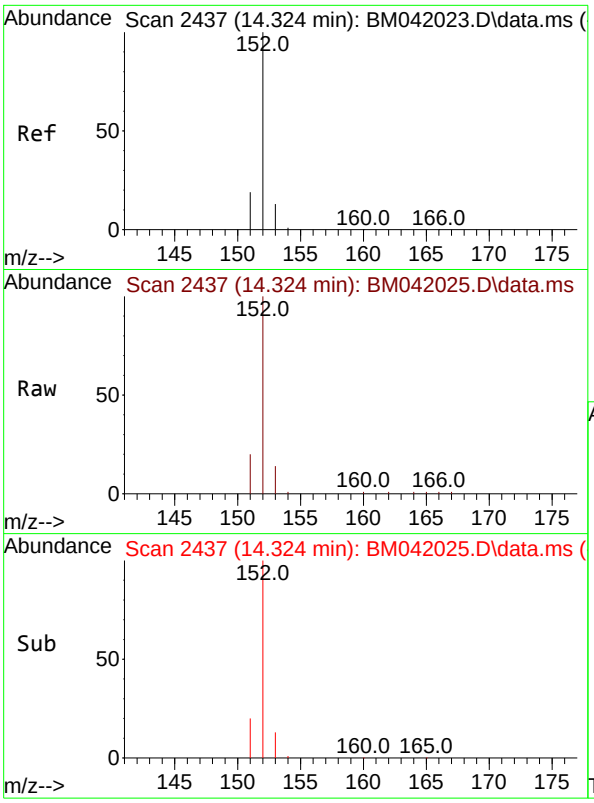


#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:142 Resp: 9591

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.1	112.7



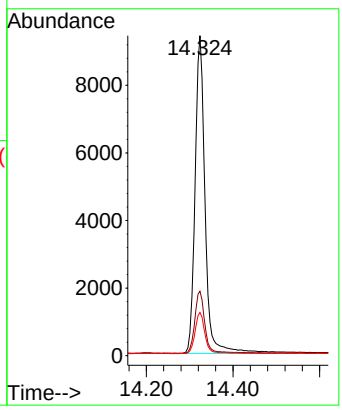


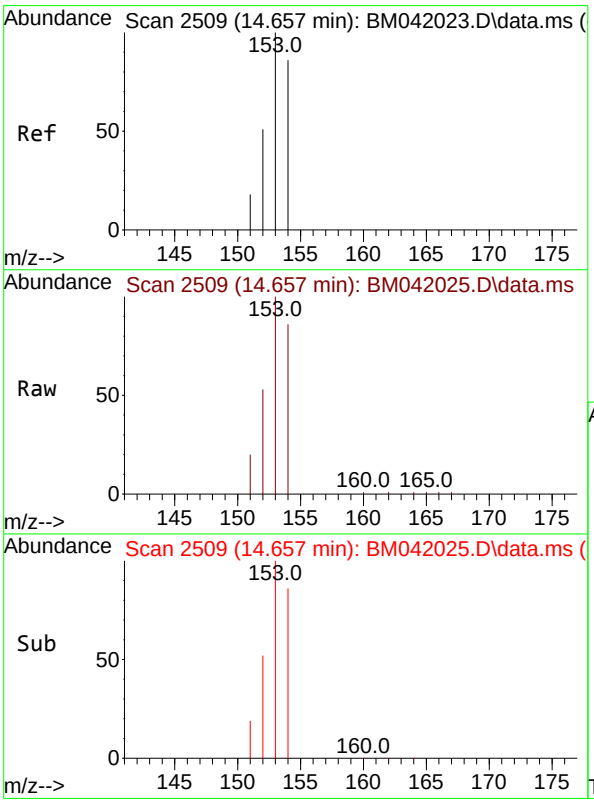
#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:152 Resp: 15126

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.5	10.8	16.2

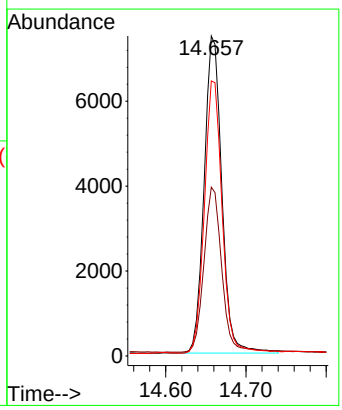


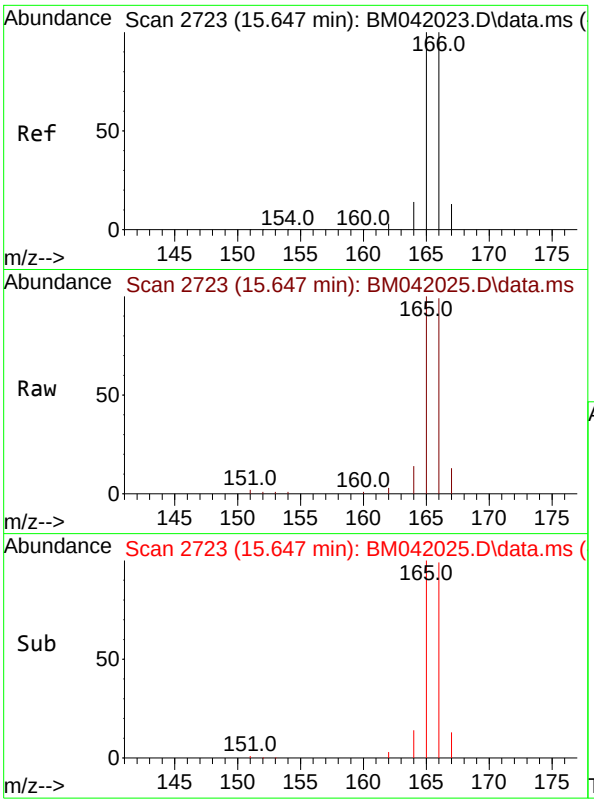


#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:153 Resp: 11403

Ion	Ratio	Lower	Upper
153	100		
152	52.7	41.8	62.8
154	86.0	69.0	103.6



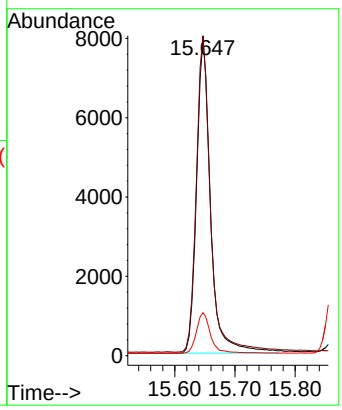


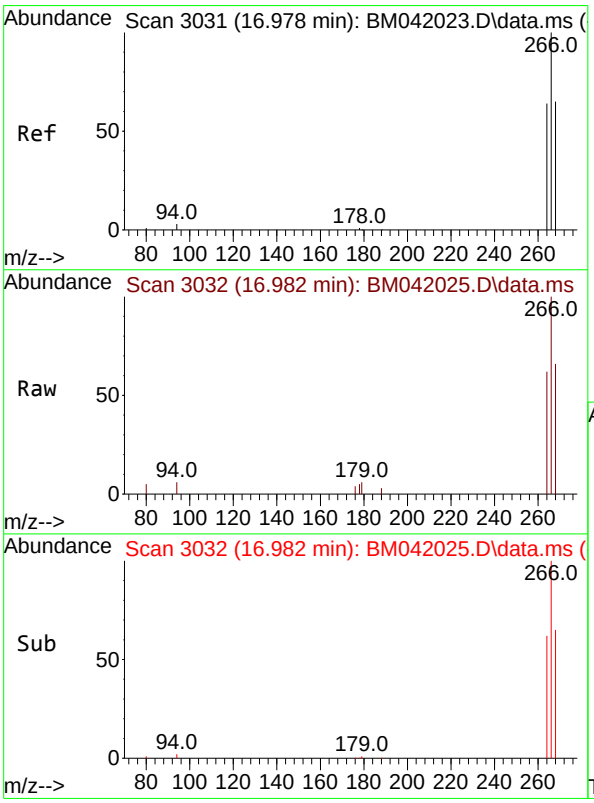
#12
Fluorene
Concen: 0.386 ng/ul
RT: 15.647 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:166 Resp: 12870

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.6	11.1	16.7

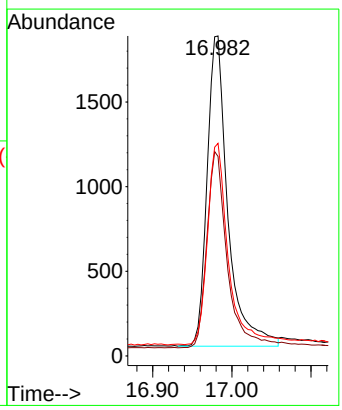


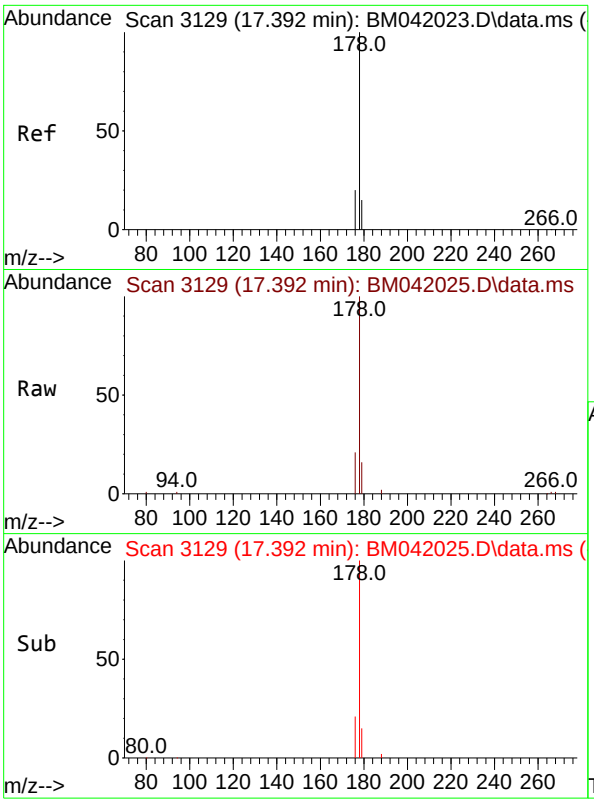


#14
Pentachlorophenol
Concen: 0.556 ng/ul
RT: 16.982 min Scan# 3032
Delta R.T. 0.000 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:266 Resp: 3340

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.4
268	64.9	51.0	76.4



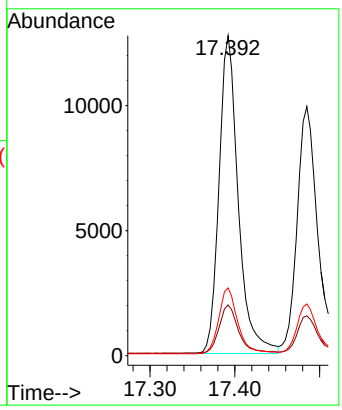


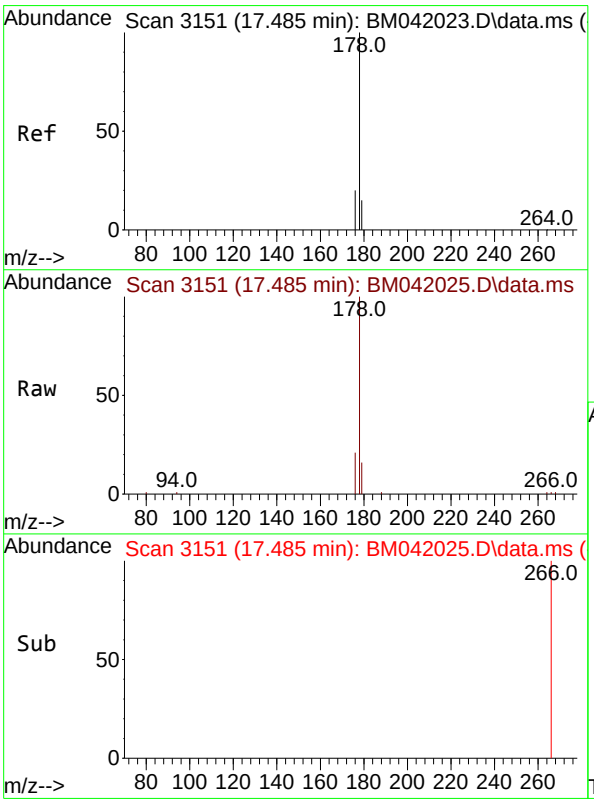
#15
Phenanthrene
Concen: 0.379 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:178 Resp: 19999

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	21.2	16.6	24.8

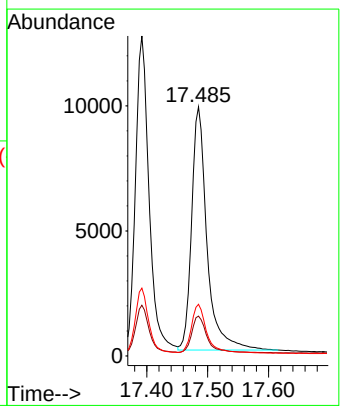


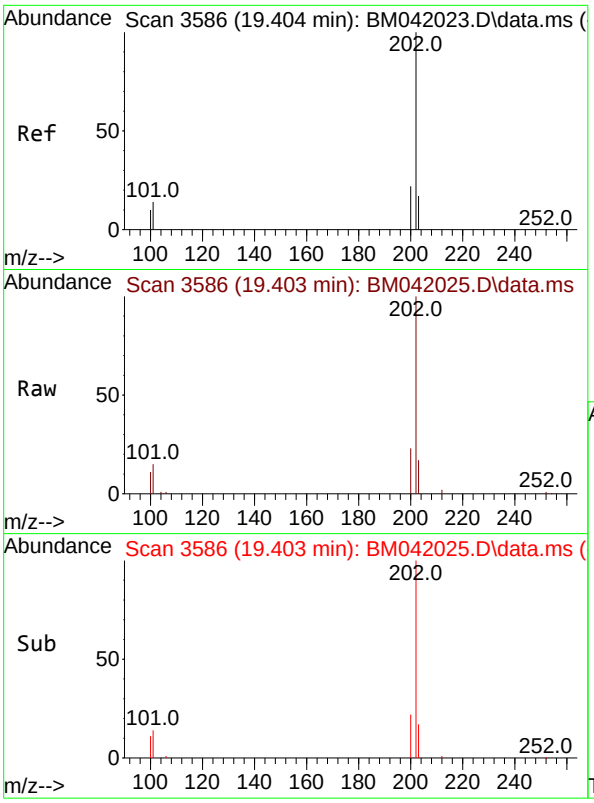


#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:178 Resp: 17119

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.7	16.2	24.2



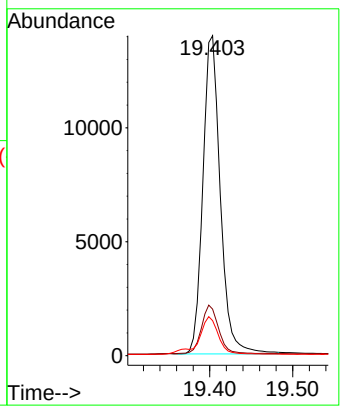


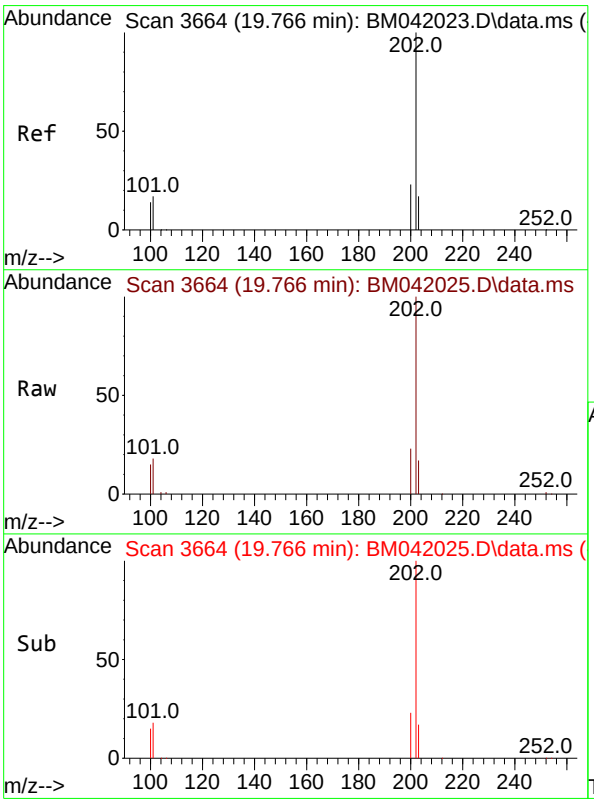
#19
Fluoranthene
Concen: 0.460 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:202 Resp: 20438

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.8	17.6
100	10.9	9.1	13.7

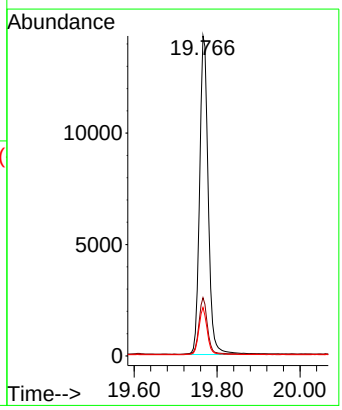


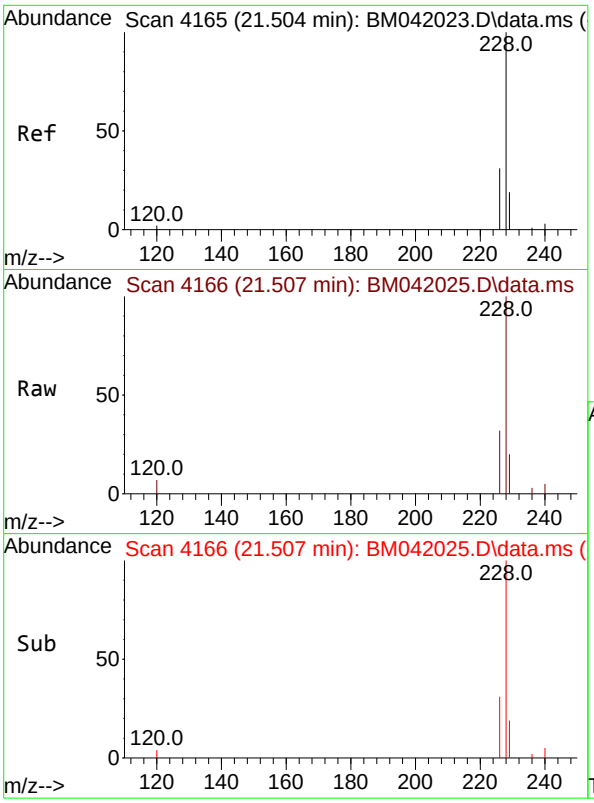


#20
Pyrene
Concen: 0.473 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:202 Resp: 20699

Ion	Ratio	Lower	Upper
202	100		
101	18.2	14.1	21.1
100	15.2	11.4	17.0



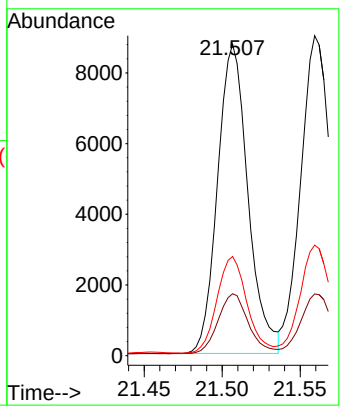


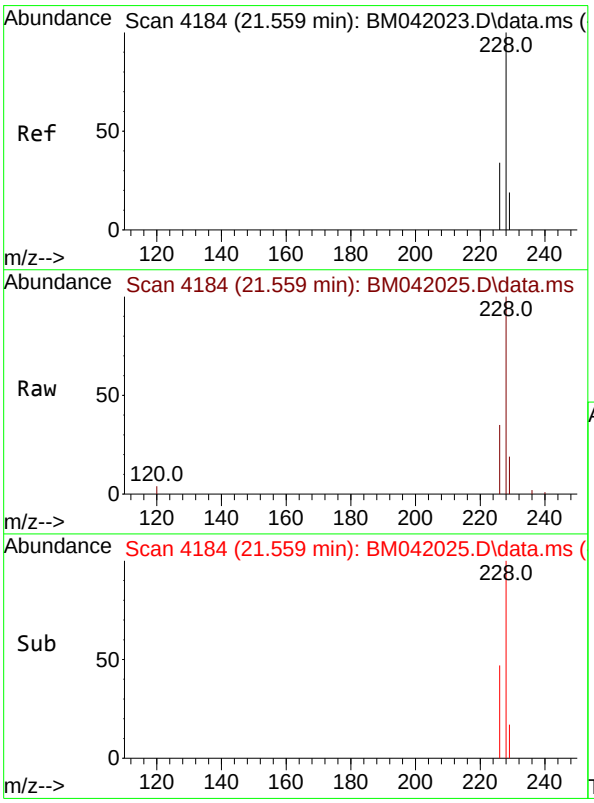
#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.507 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:228 Resp: 11880

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.5	23.3
226	31.9	24.8	37.2

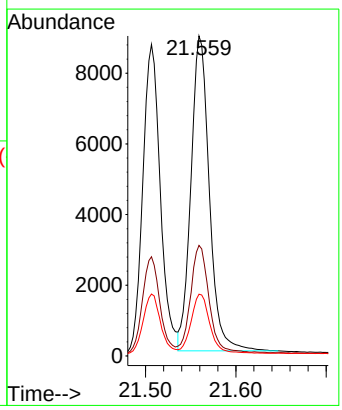


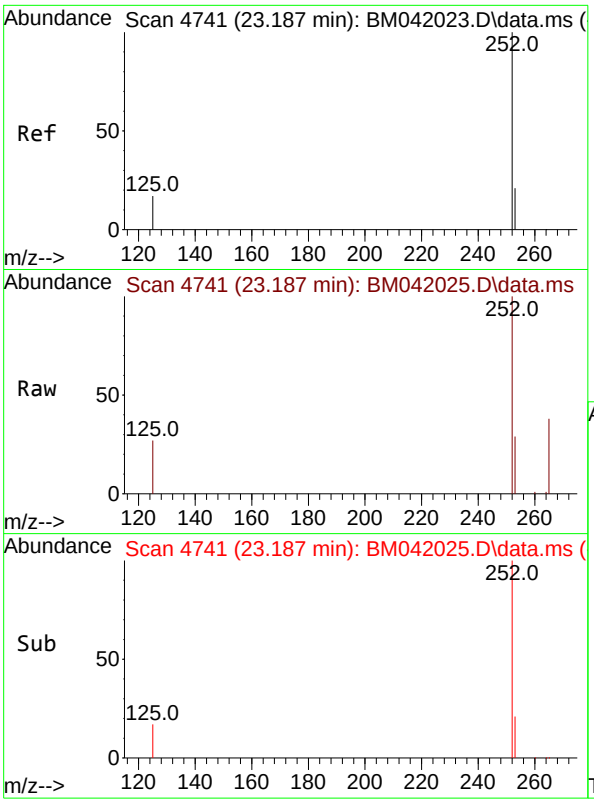


#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:228 Resp: 12599

Ion	Ratio	Lower	Upper
228	100		
226	34.5	27.8	41.6
229	19.3	15.6	23.4



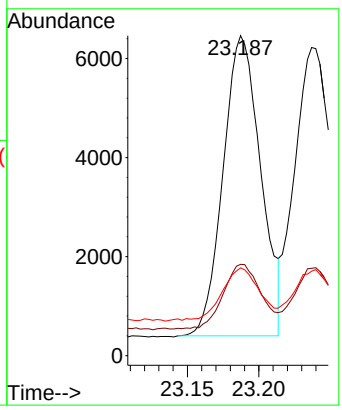


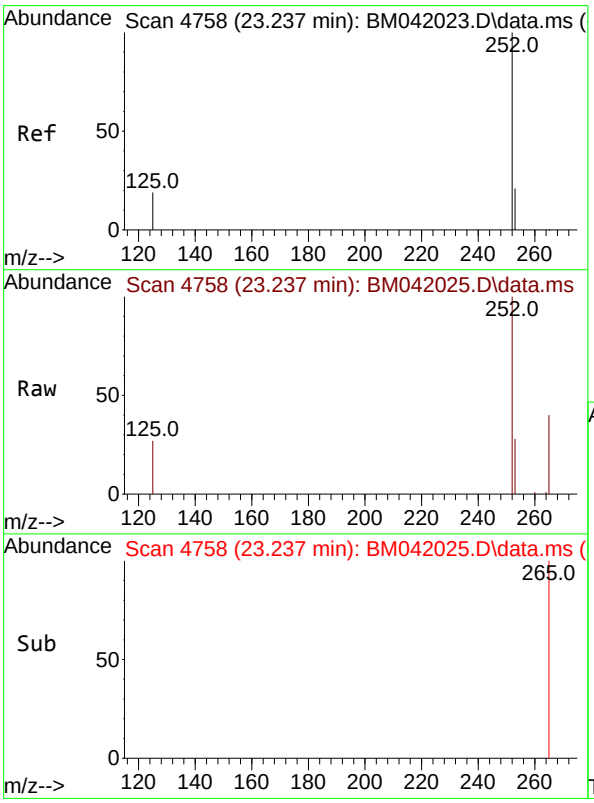
#24
Benzo(b)fluoranthene
Concen: 0.413 ng/ul
RT: 23.187 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:252 Resp: 11082

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	54.4
125	27.5	0.0	46.2

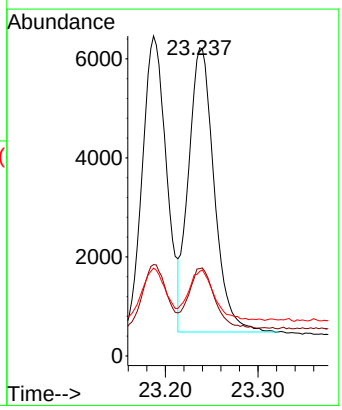


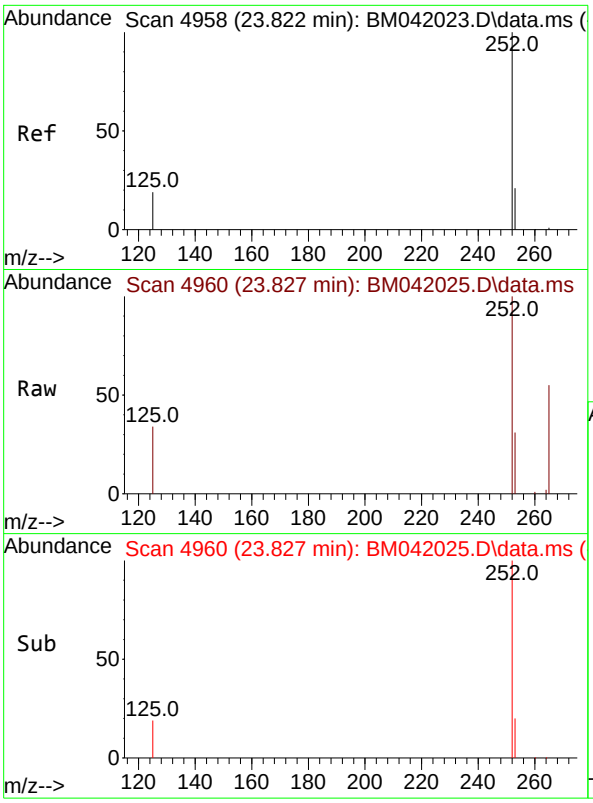


#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:252 Resp: 11046

Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.0	31.6
125	27.4	19.0	28.6



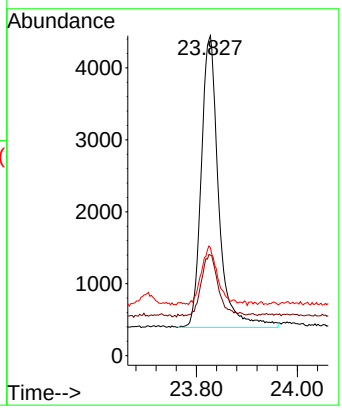


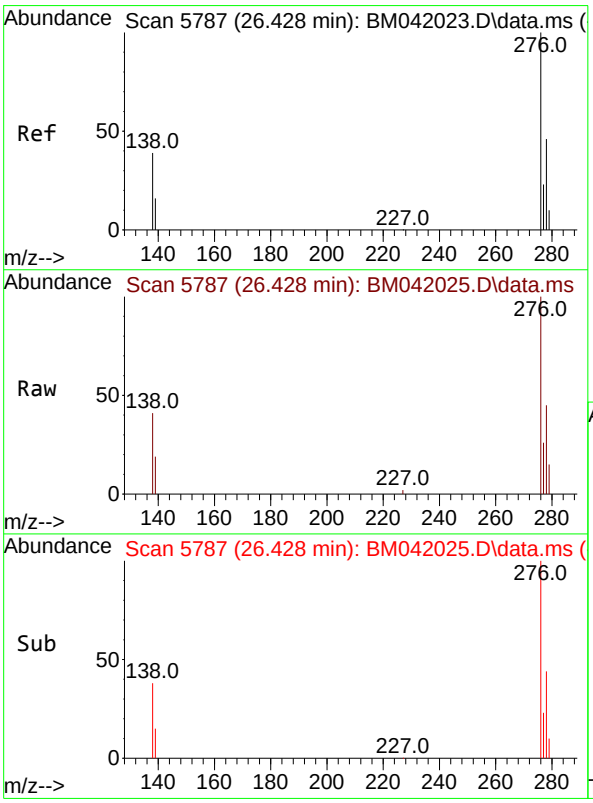
#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.827 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:252 Resp: 9664

Ion	Ratio	Lower	Upper
252	100		
253	31.5	23.2	34.8
125	33.8	22.5	33.7#

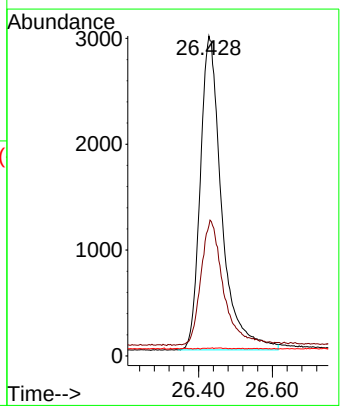


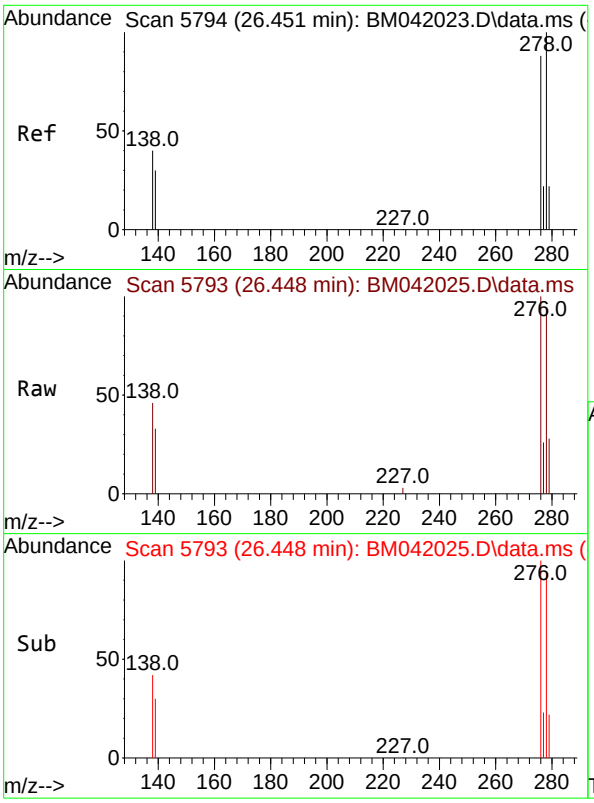


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.395 ng/ul
RT: 26.428 min Scan# 5787
Delta R.T. -0.003 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:276 Resp: 11951

Ion	Ratio	Lower	Upper
276	100		
138	41.5	32.1	48.1
227	0.0	0.2	0.2#



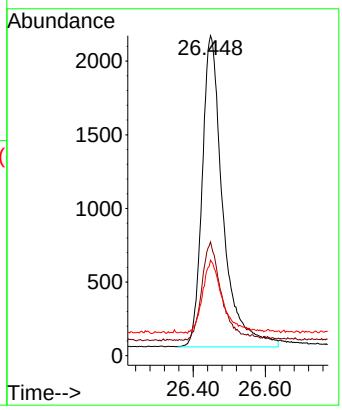


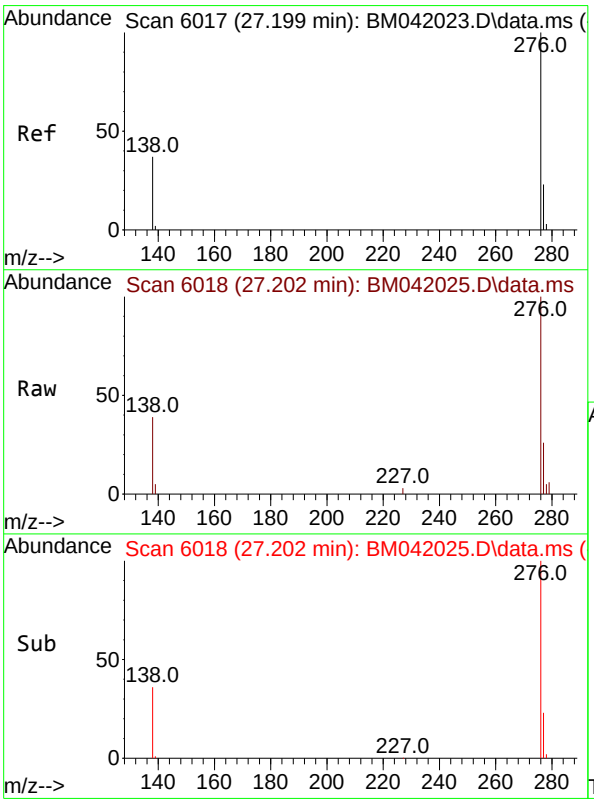
#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.448 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Instrument :
BNA_M
ClientSampleId :
SLCS607

Tgt Ion:278 Resp: 8447

Ion	Ratio	Lower	Upper
278	100		
139	35.6	25.0	37.6
279	29.9	21.7	32.5





#29
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul
RT: 27.202 min Scan# 6018
Delta R.T. -0.007 min
Lab File: BM042025.D
Acq: 25 Sep 2023 10:07

Tgt Ion:276 Resp: 10453

Ion	Ratio	Lower	Upper
276	100		
138	39.4	29.0	43.4
277	26.0	19.6	29.4