Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012125\
Data File : BM049365.D
Acq On : 21 Jan 2025 15:00
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Quant Time: Jan 21 22:49:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:40:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	6203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.288	136	17807	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.164	164	10413	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.922	188	22199	0.400	ng/ul	0.00
17) Chrysene-d12	21.125	240	15887	0.400	ng/ul	0.00
23) Perylene-d12	23.276	264	14883	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	2825	0.391	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	10131	0.447	ng/ul	0.00
18) Fluoranthene-d10	18.956	212	20945	0.386	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.155	88	3357	0.413	ng/ul	94
5) Naphthalene	10.337	128	17400	0.398	ng/ul	99
7) 2-Methylnaphthalene	11.965	142	11104	0.428	ng/ul	100
8) 1-Methylnaphthalene	12.185	142	11750	0.426	ng/ul	99
10) Acenaphthylene	13.882	152	16333	0.422	ng/ul	99
11) Acenaphthene	14.229	153	12119	0.396	ng/ul	99
12) Fluorene	15.228	166	14007	0.441	ng/ul	98
14) Pentachlorophenol	16.584	266	1688	0.394	ng/ul	98
15) Phenanthrene	16.960	178	21285	0.414	ng/ul	99
16) Anthracene	17.057	178	18453	0.405	ng/ul	99
19) Fluoranthene	18.983	202	25945	0.379	ng/ul	99
20) Pyrene	19.351	202	26524	0.376	ng/ul	98
21) Benzo(a)anthracene	21.111	228	19052	0.418	ng/ul	99
22) Chrysene	21.160	228	24125	0.386	ng/ul	100
24) Benzo(b)fluoranthene	22.636	252	19864	0.407	ng/ul	97
25) Benzo(k)fluoranthene	22.680	252	23639	0.415	ng/ul	96
26) Benzo(a)pyrene	23.183	252	16181	0.367	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.403	276	23454	0.391	ng/ul	96
28) Dibenzo(a,h)anthracene	25.423	278	17662	0.408	ng/ul	92
29) Benzo(g,h,i)perylene	26.047	276	19730	0.371	ng/ul	99

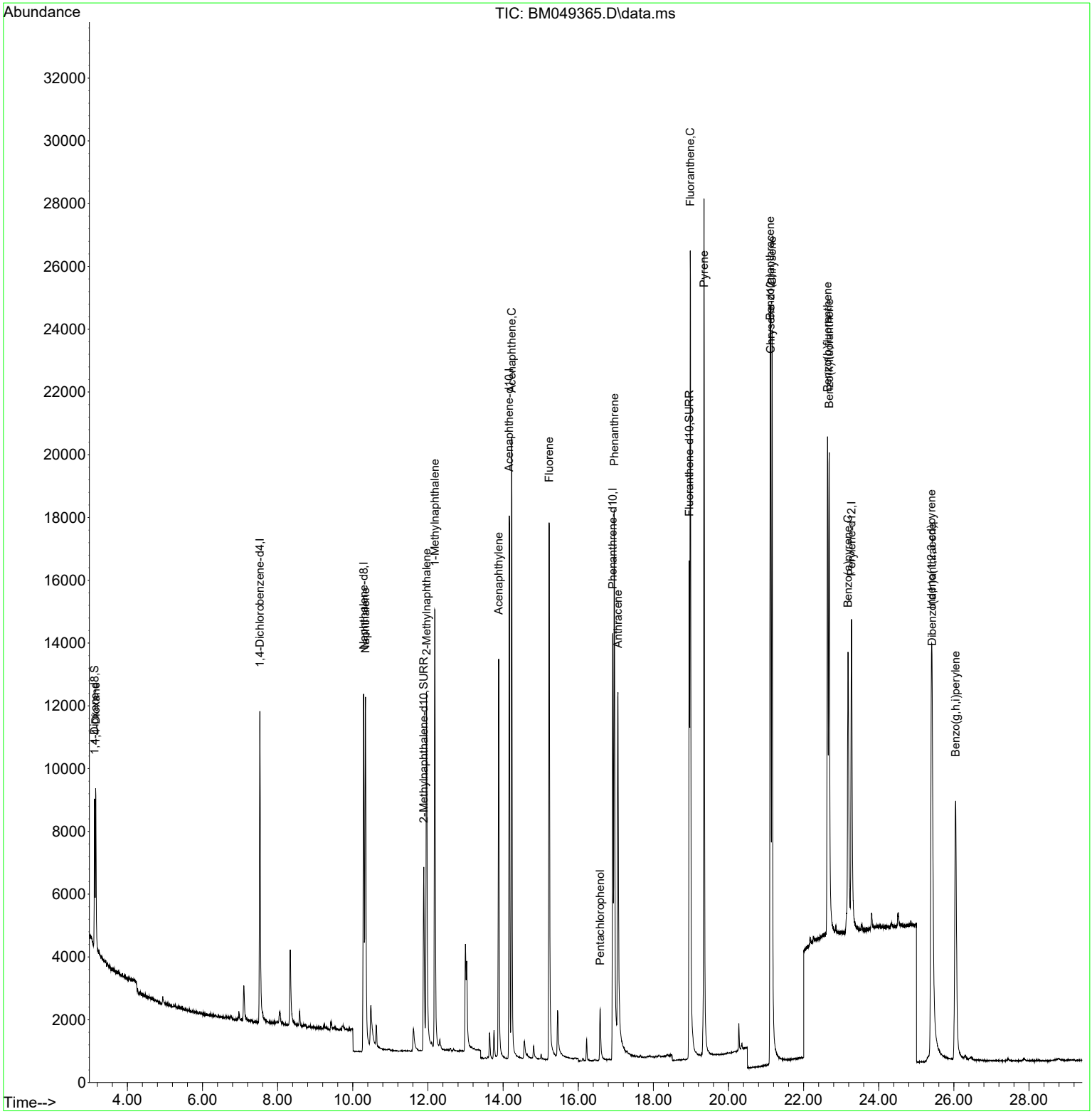
(#) = qualifier out of range (m) = manual integration (+) = signals summed

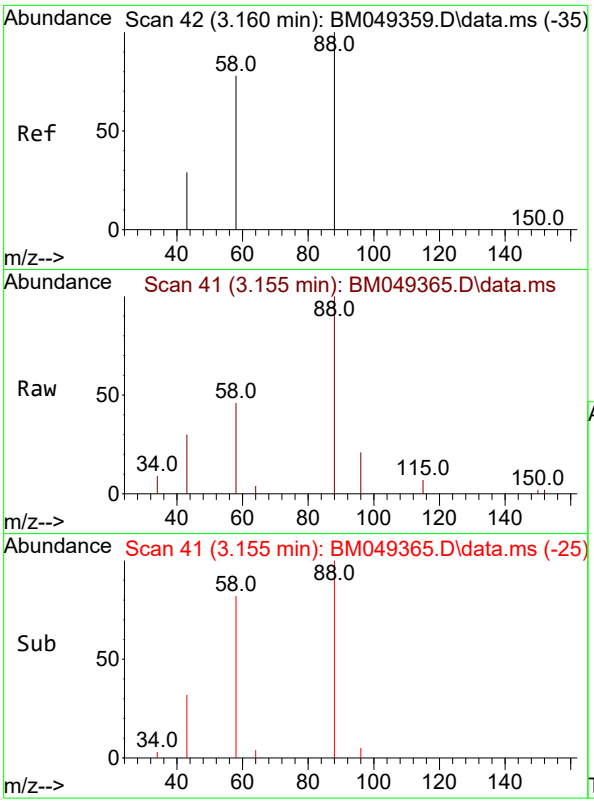
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012125\
Data File : BM049365.D
Acq On : 21 Jan 2025 15:00
Operator : RC/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Quant Time: Jan 21 22:49:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM011725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:40:55 2025
Response via : Initial Calibration



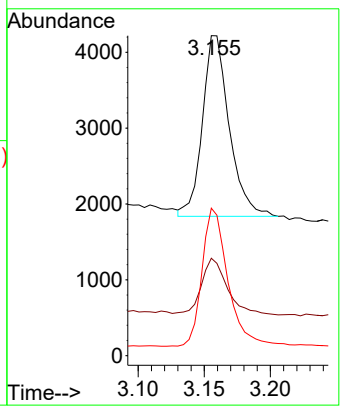


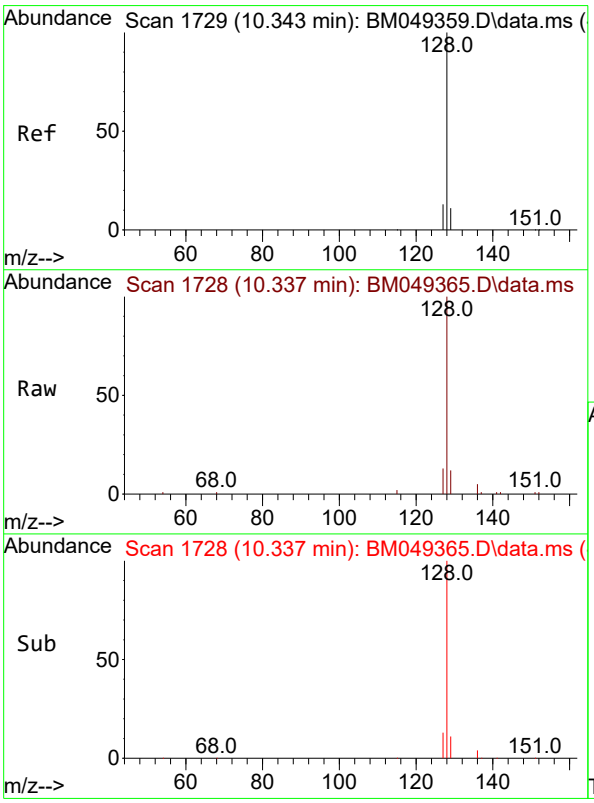
#2
1,4-Dioxane
Concen: 0.413 ng/ul
RT: 3.155 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion: 88 Resp: 3357

Ion	Ratio	Lower	Upper
88	100		
43	30.5	26.2	39.2
58	46.1	41.4	62.0

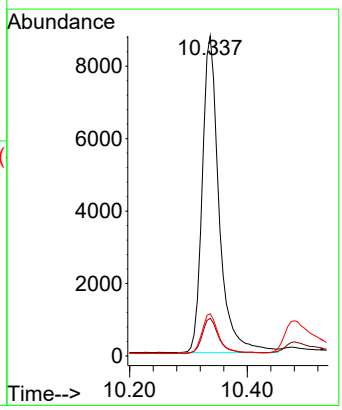


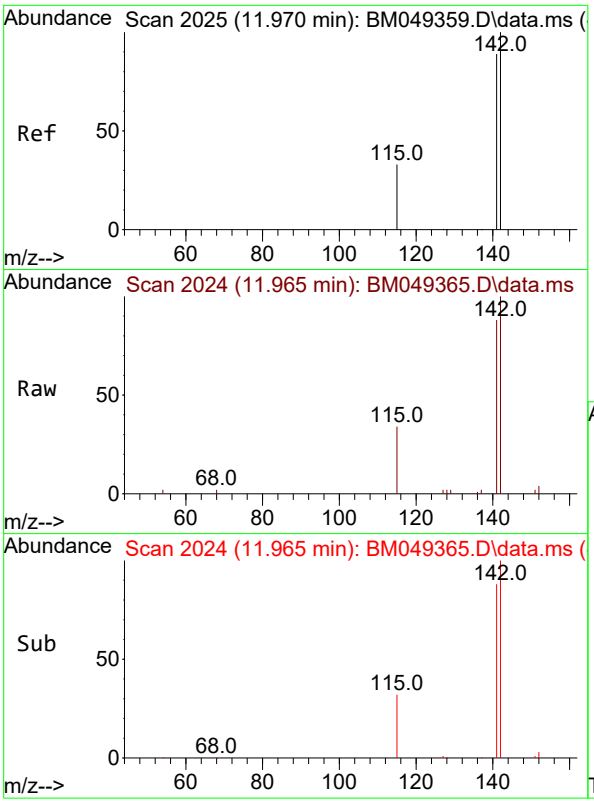


#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.337 min Scan# 1728
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:128 Resp: 17400

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.2	10.7	16.1



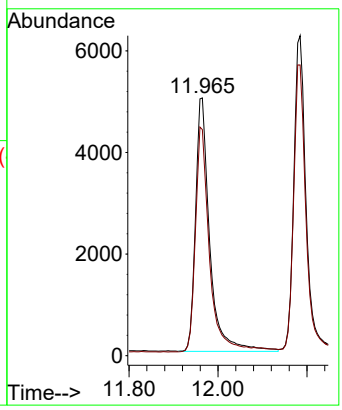


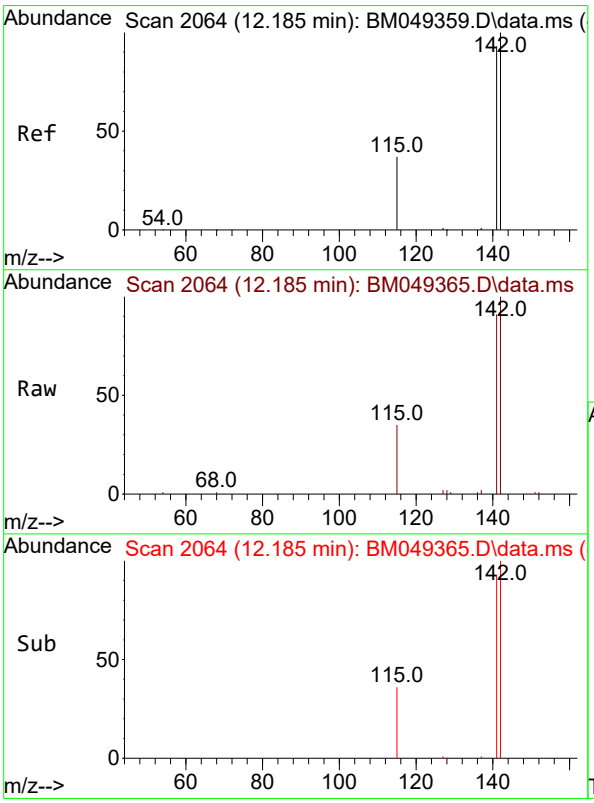
#7
2-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 11.965 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:142 Resp: 11104

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.0

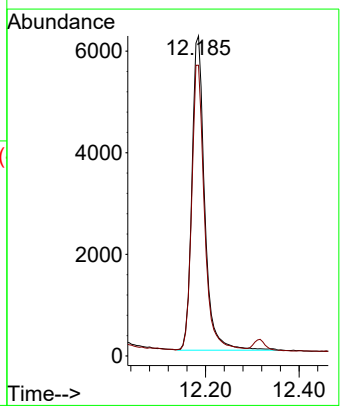


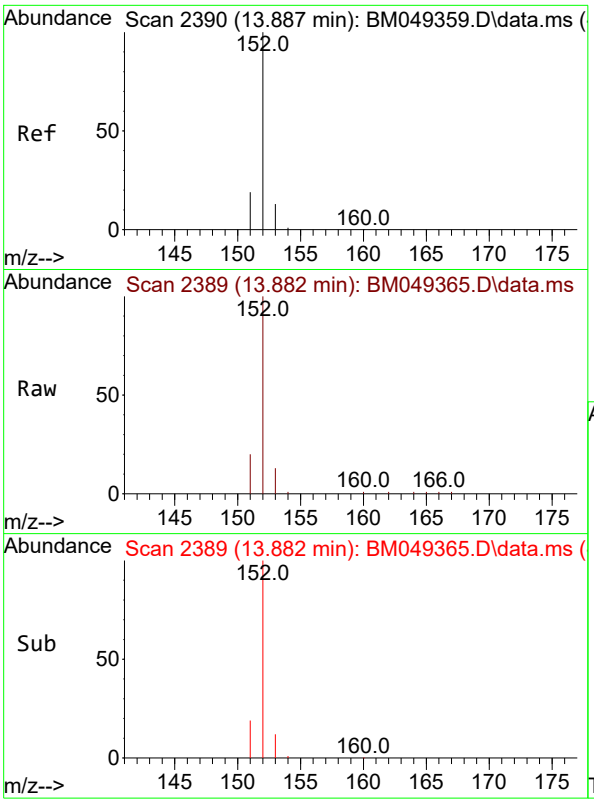


#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:142 Resp: 11750

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9



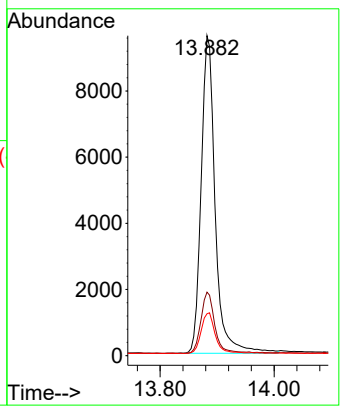


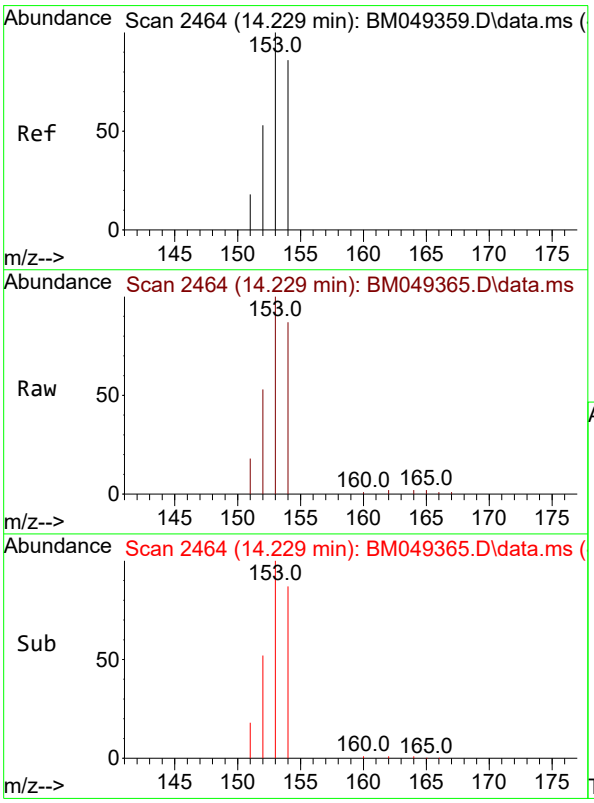
#10
Acenaphthylene
Concen: 0.422 ng/ul
RT: 13.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:152 Resp: 16333

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.1	11.1	16.7

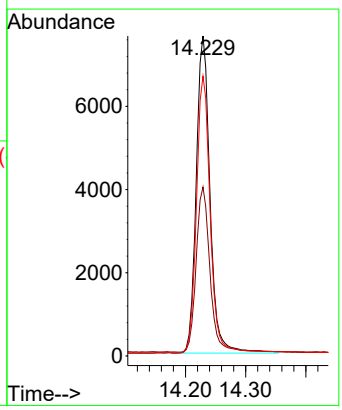


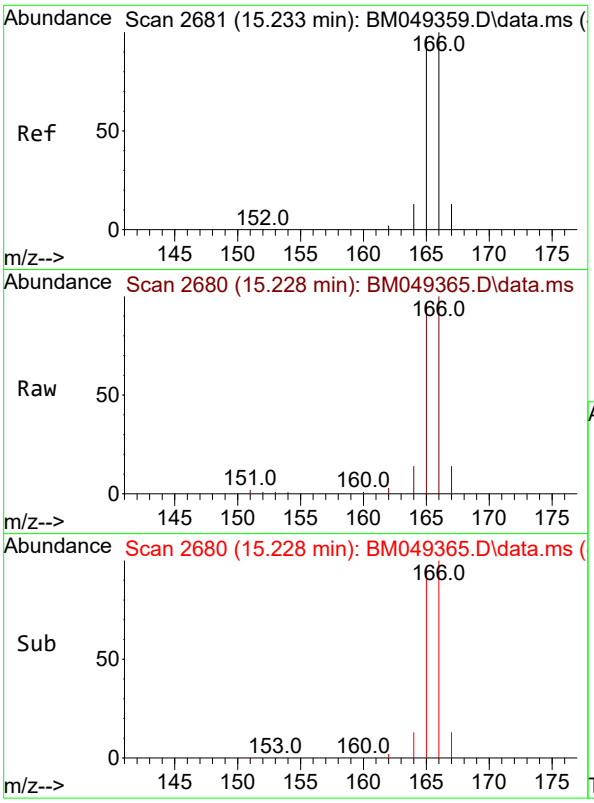


#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.229 min Scan# 2464
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:153 Resp: 12119

Ion	Ratio	Lower	Upper
153	100		
152	52.8	42.3	63.5
154	87.5	69.3	103.9



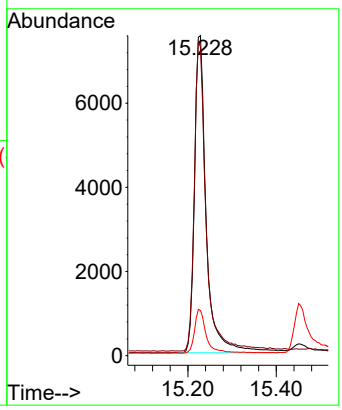


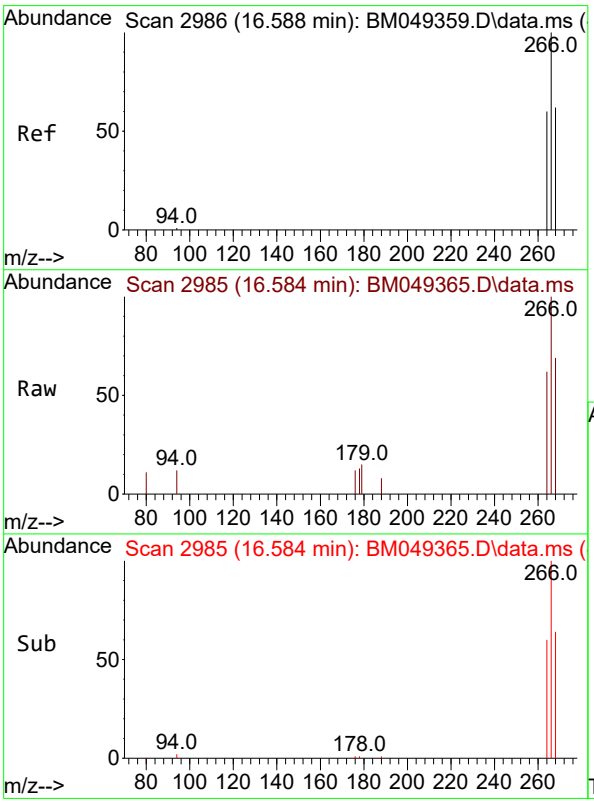
#12
Fluorene
Concen: 0.441 ng/ul
RT: 15.228 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:166 Resp: 14007

Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.2	118.8
167	14.2	11.2	16.8

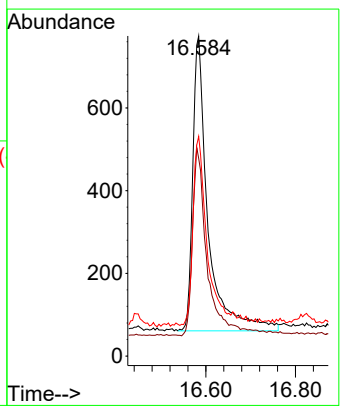


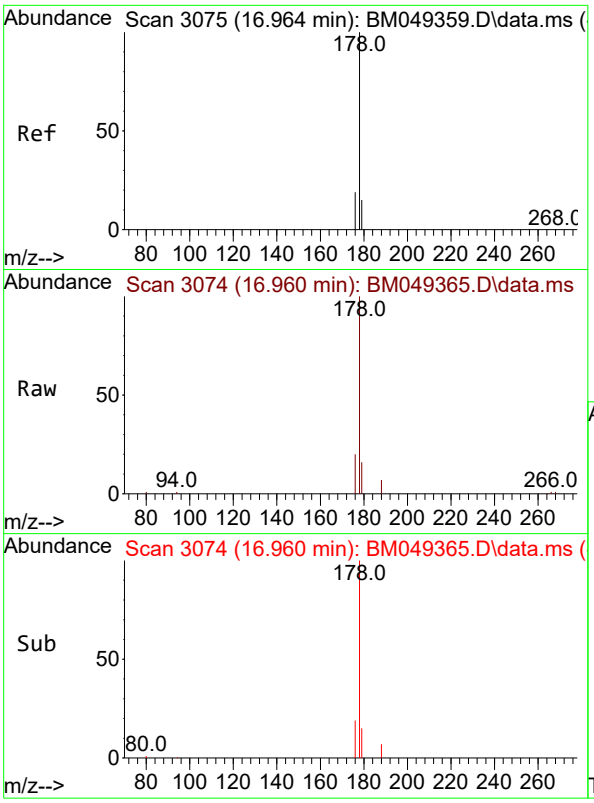


#14
Pentachlorophenol
Concen: 0.394 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. -0.003 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:266 Resp: 1688

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.2	73.8
268	63.6	53.2	79.8



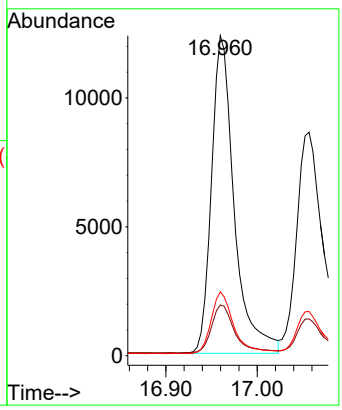


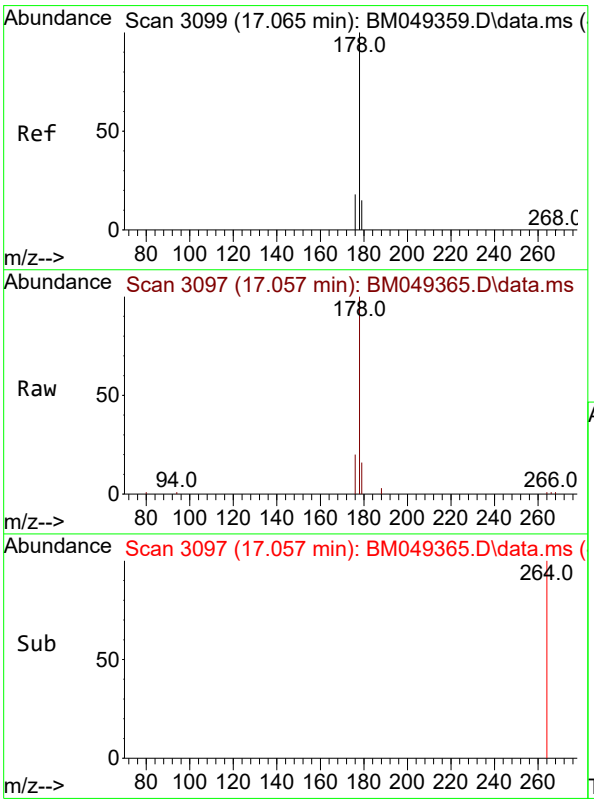
#15
Phenanthrene
Concen: 0.414 ng/ul
RT: 16.960 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:178 Resp: 21285

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	20.0	16.1	24.1

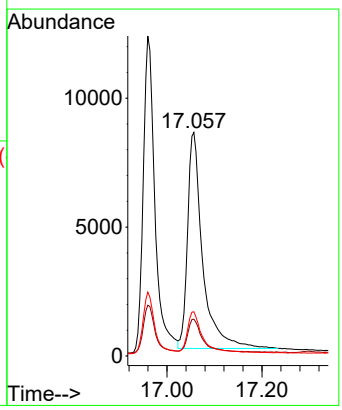


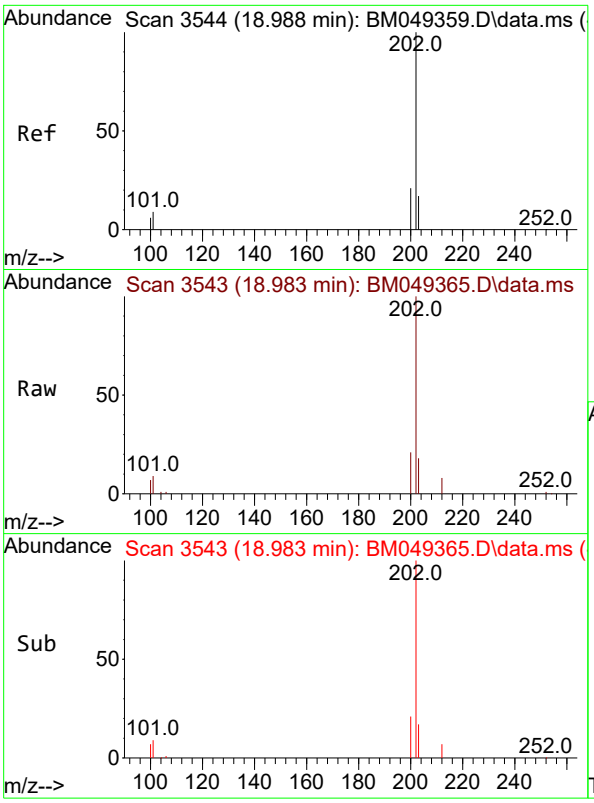


#16
Anthracene
Concen: 0.405 ng/ul
RT: 17.057 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:178 Resp: 18453

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.4	20.0
176	19.7	16.2	24.2



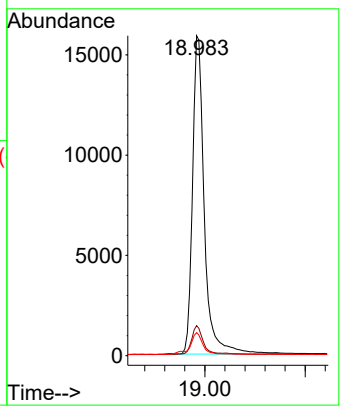


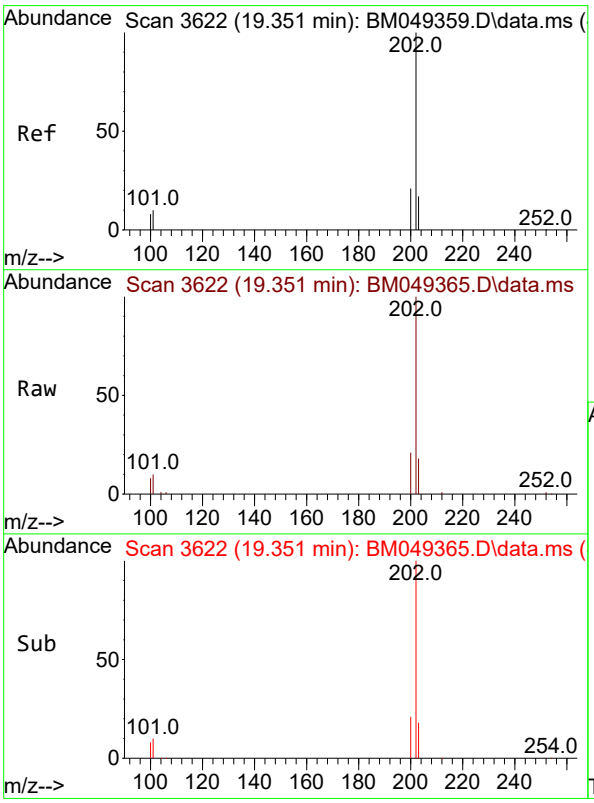
#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 18.983 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:202 Resp: 25945

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.9	11.9
100	7.2	6.0	9.0

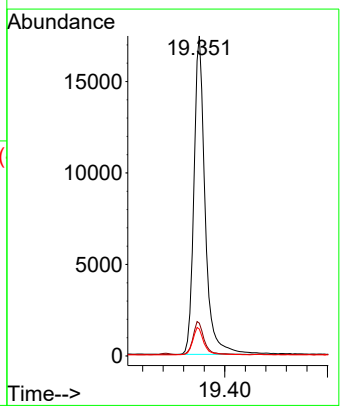


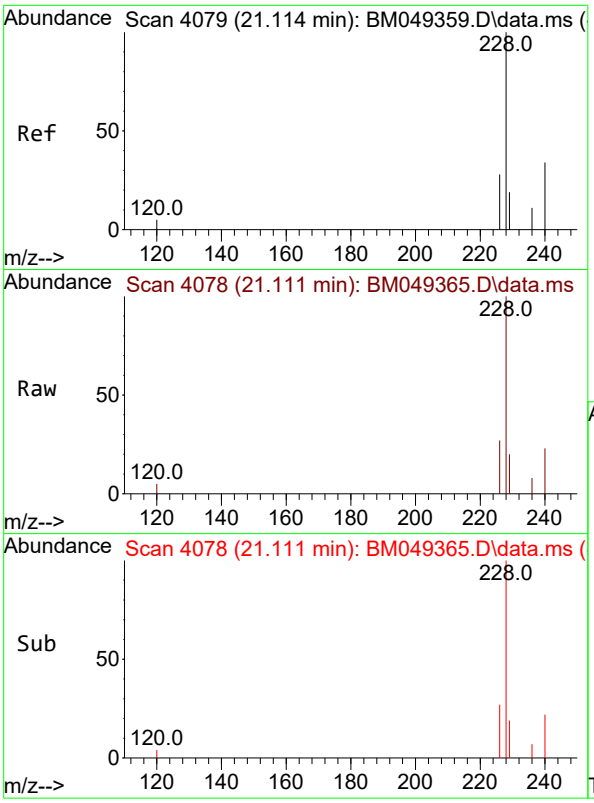


#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.351 min Scan# 3622
Delta R.T. 0.001 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:202 Resp: 26524

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.8	13.2
100	8.4	7.1	10.7



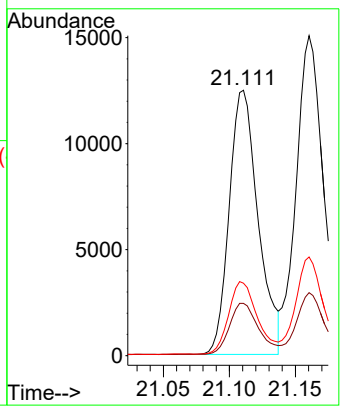


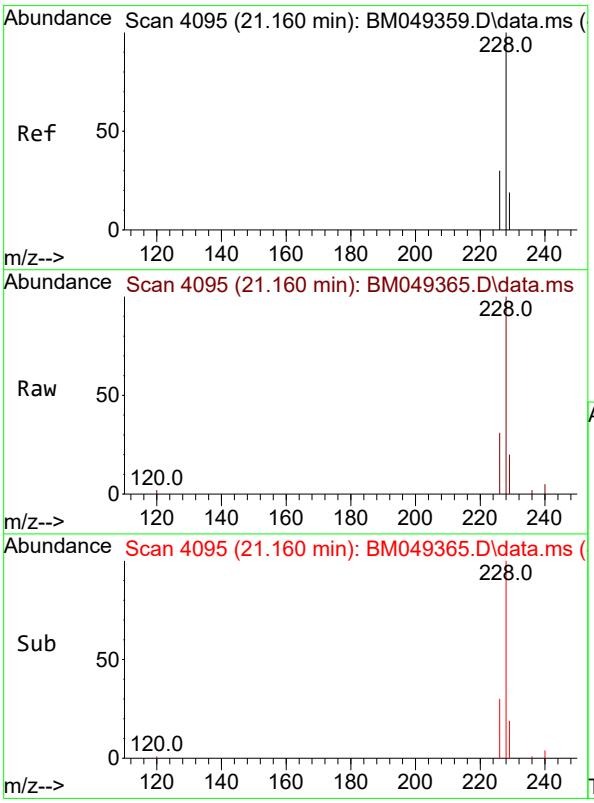
#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.111 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:228 Resp: 19052

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	27.3	22.5	33.7

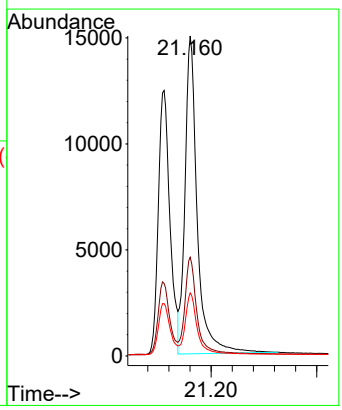


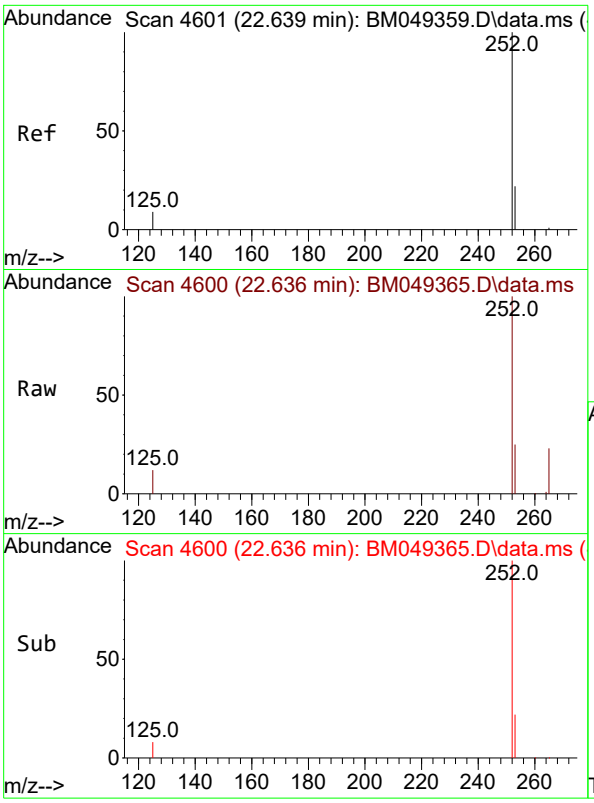


#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.160 min Scan# 4095
Delta R.T. -0.001 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:228 Resp: 24125

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	19.7	15.9	23.9



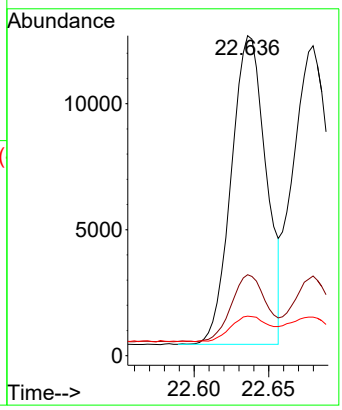


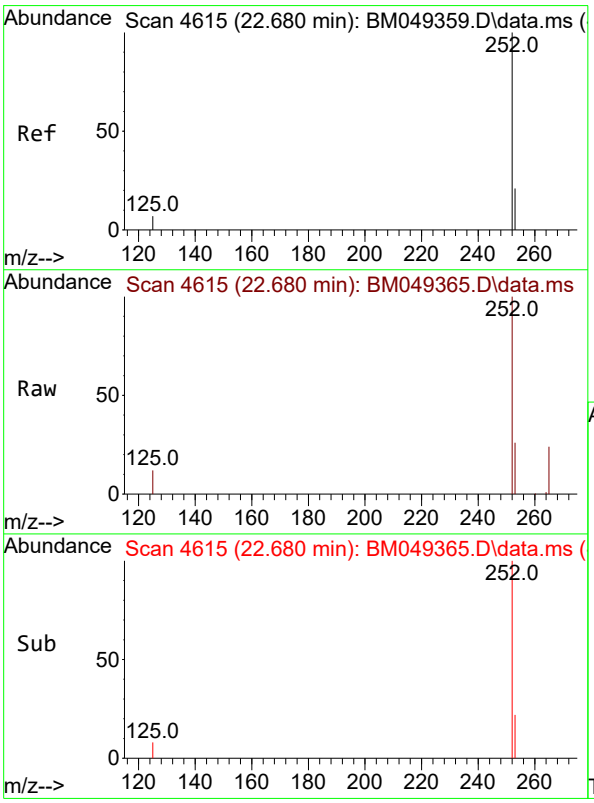
#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 22.636 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:252 Resp: 19864

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	53.0
125	12.4	0.0	29.4

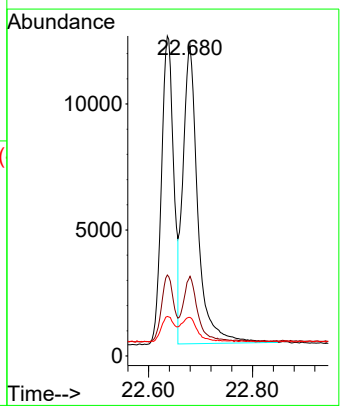


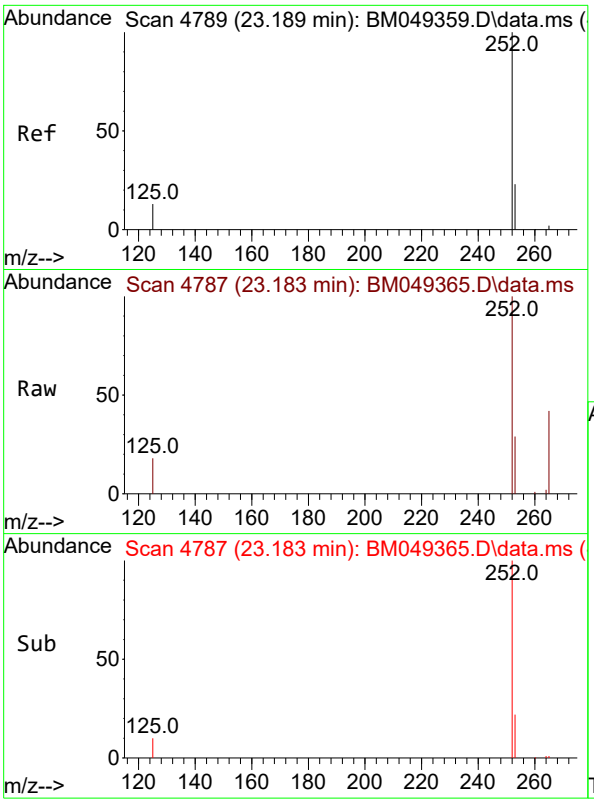


#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 22.680 min Scan# 4615
Delta R.T. -0.001 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:252 Resp: 23639

Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.6	32.4
125	12.4	11.8	17.6



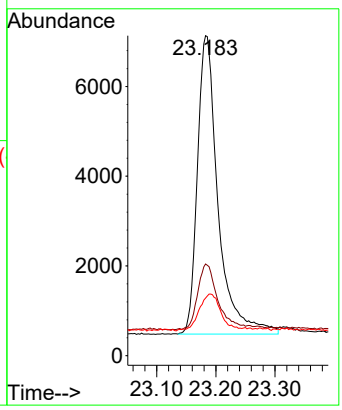


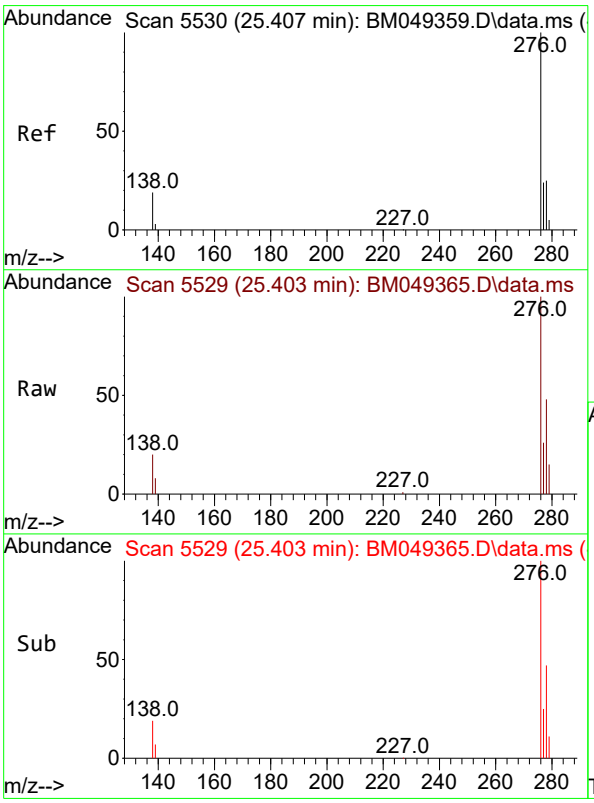
#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.183 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:252 Resp: 16181

Ion	Ratio	Lower	Upper
252	100		
253	28.6	24.8	37.2
125	18.0	16.1	24.1

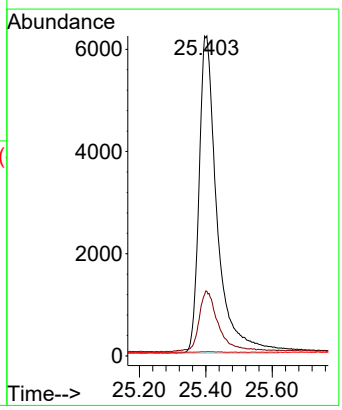


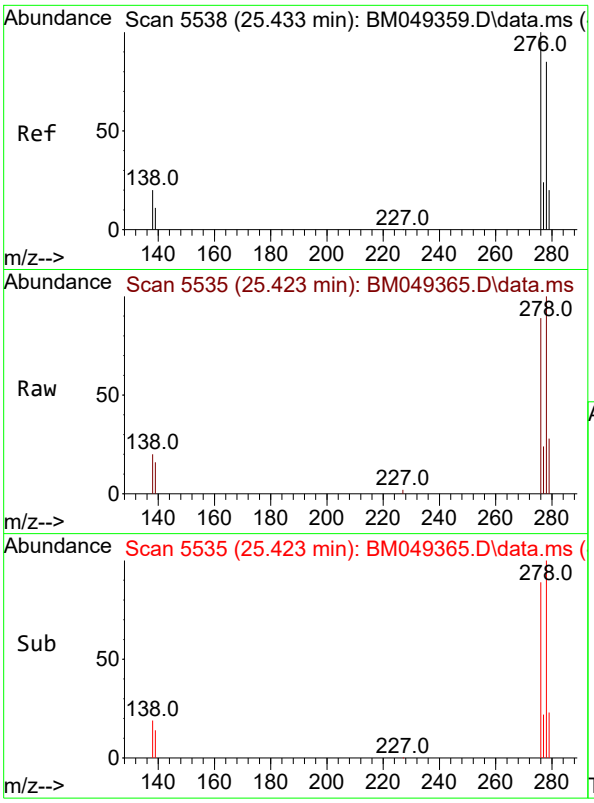


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng/ul
RT: 25.403 min Scan# 5529
Delta R.T. -0.007 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:276 Resp: 23454

Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.4	23.0
227	0.1	0.1	0.1



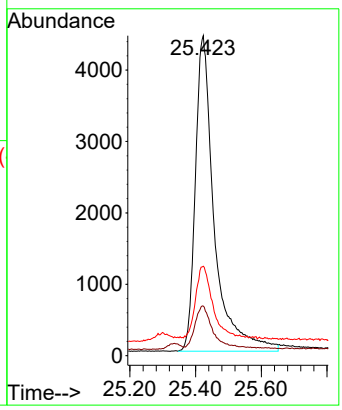


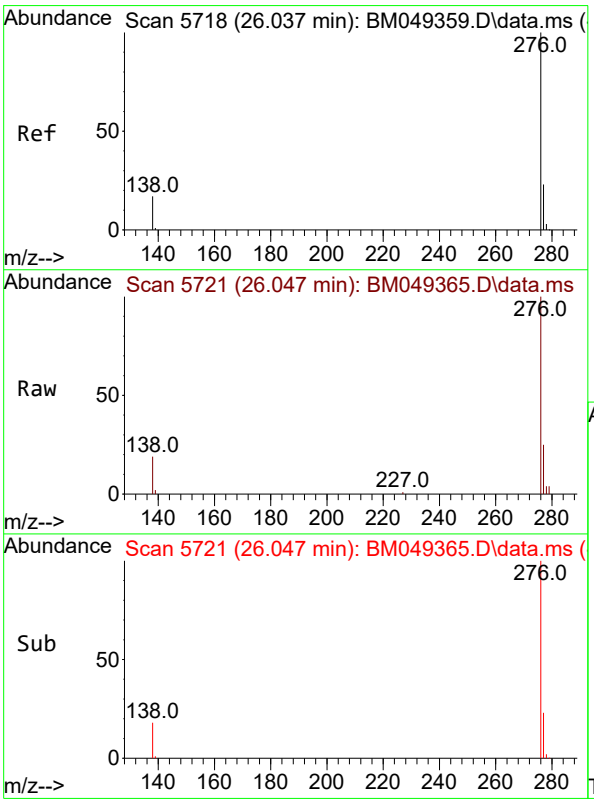
#28
Dibenzo(a,h)anthracene
Concen: 0.408 ng/ul
RT: 25.423 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.4138

Tgt Ion:278 Resp: 17662

Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.3	19.9
279	28.0	27.0	40.4





#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 26.047 min Scan# 5721
Delta R.T. -0.001 min
Lab File: BM049365.D
Acq: 21 Jan 2025 15:00

Tgt Ion:276 Resp: 19730

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.2	22.8
277	24.6	20.2	30.2