Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045509.D
Acq On : 23 Apr 2024 12:00
Operator : MA/JU
Sample : P2104-06MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Quant Time: Apr 24 04:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:47:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	1803	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	5585	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.201	164	2924	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5461	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.180	240	3770	0.400	ng/ul	-0.02
23) Perylene-d12	23.367	264	5289	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	540	0.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	48	0.007	ng/ul	-0.01
18) Fluoranthene-d10	19.011	212	19	0.002	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.201	88	1408	0.606	ng/ul#	80
10) Acenaphthylene	13.928	152	5199	0.361	ng/ul	97
11) Acenaphthene	14.270	153	262	0.024	ng/ul#	85
12) Fluorene	15.270	166	829	0.072	ng/ul#	84
14) Pentachlorophenol	16.634	266	28	0.026	ng/ul	97
15) Phenanthrene	17.103	178	5465	0.344	ng/ul	95
16) Anthracene	17.103	178	5465	0.367	ng/ul#	93
19) Fluoranthene	19.039	202	2088	0.120	ng/ul	96
20) Pyrene	19.406	202	533	0.030	ng/ul#	58
21) Benzo(a)anthracene	21.166	228	1535	0.127	ng/ul#	23
22) Chrysene	21.216	228	429	0.023	ng/ul#	33
24) Benzo(b)fluoranthene	22.718	252	1022	0.057	ng/ul#	1
25) Benzo(k)fluoranthene	22.758	252	589	0.026	ng/ul#	1
26) Benzo(a)pyrene	23.276	252	419	0.023	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.561	278	562	0.026	ng/ul#	1

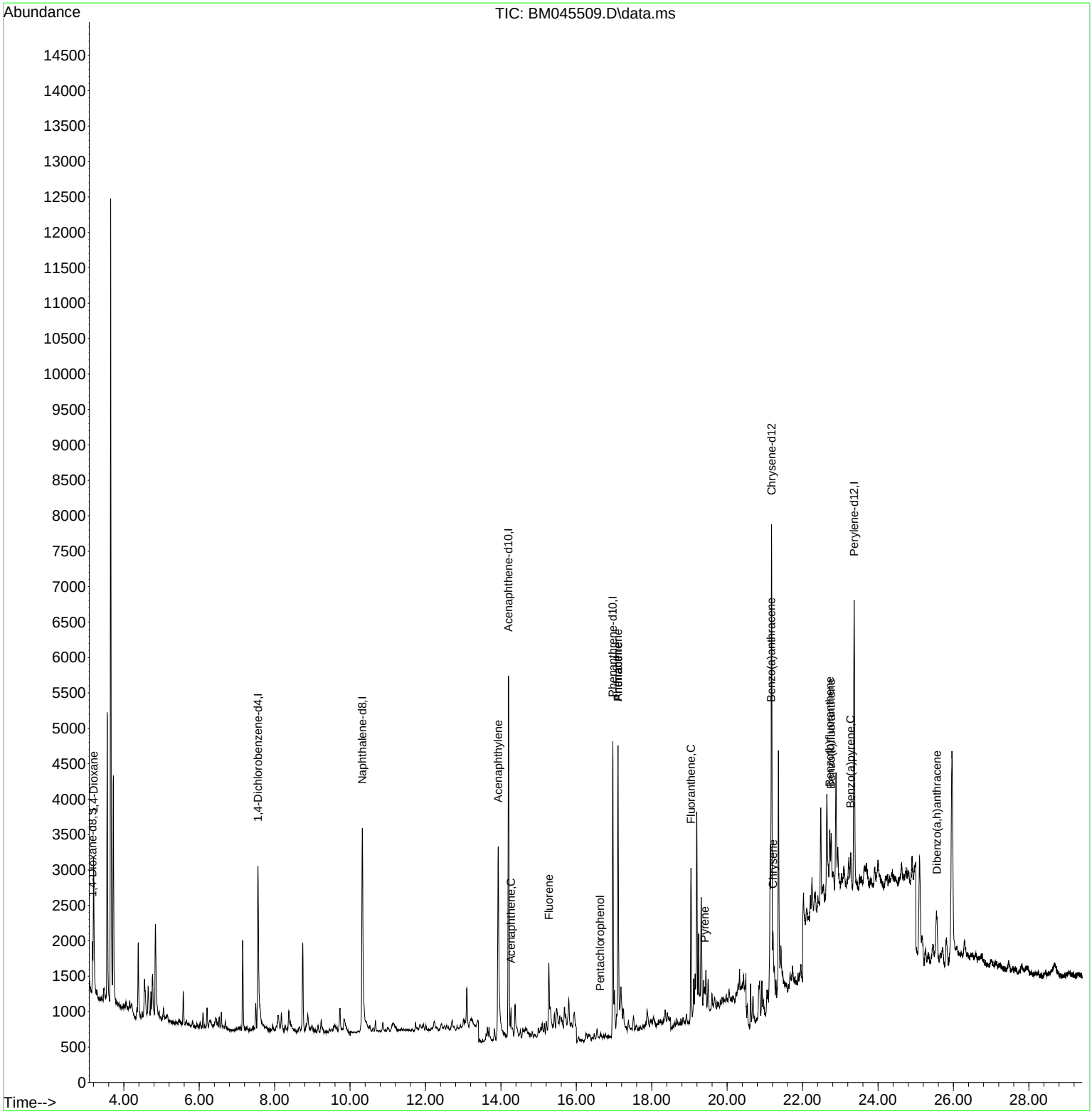
(#) = qualifier out of range (m) = manual integration (+) = signals summed

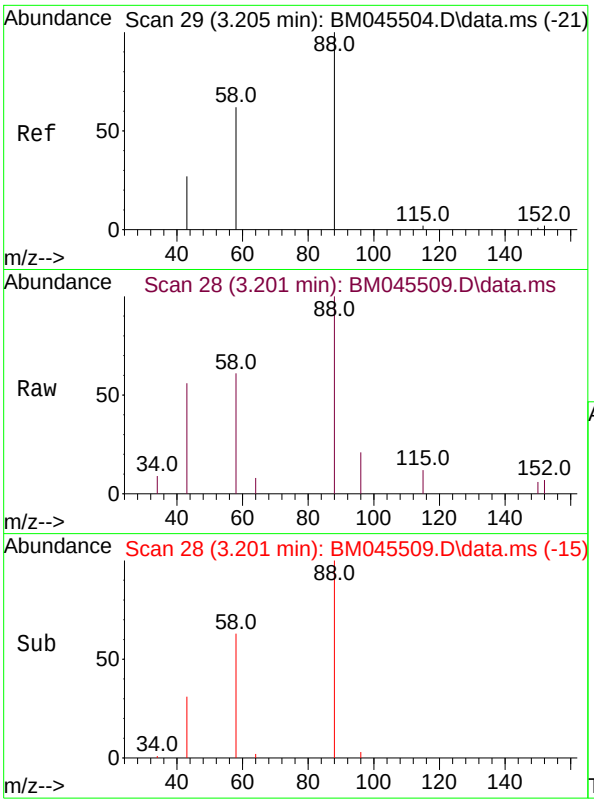
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045509.D
Acq On : 23 Apr 2024 12:00
Operator : MA/JU
Sample : P2104-06MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Quant Time: Apr 24 04:50:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 04:47:50 2024
Response via : Initial Calibration



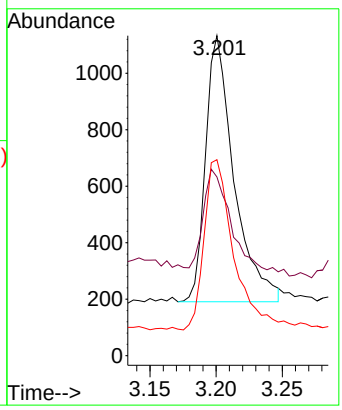


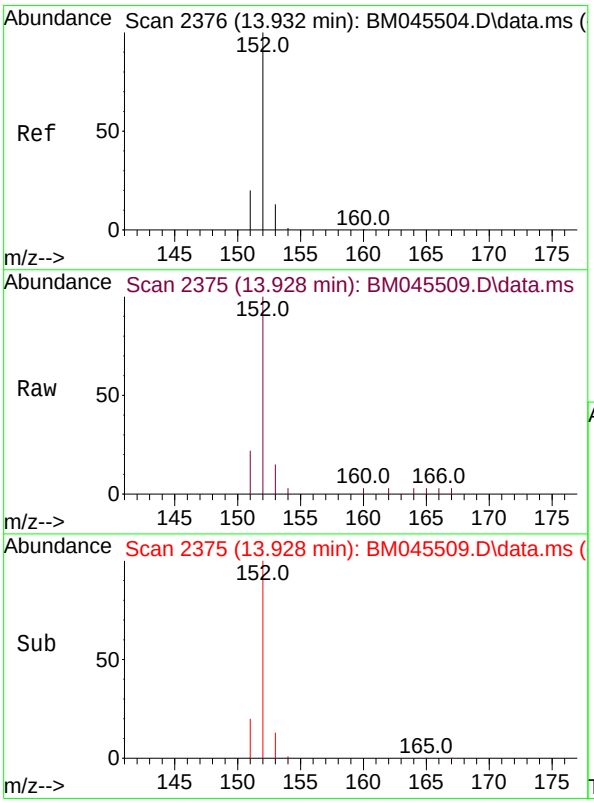
#2
1,4-Dioxane
Concen: 0.606 ng/ul
RT: 3.201 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion: 88 Resp: 1408

Ion	Ratio	Lower	Upper
88	100		
43	55.9	36.8	55.2#
58	61.3	35.4	53.2#

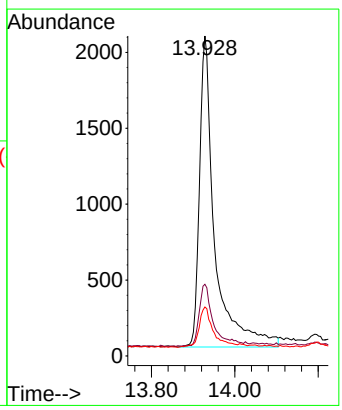


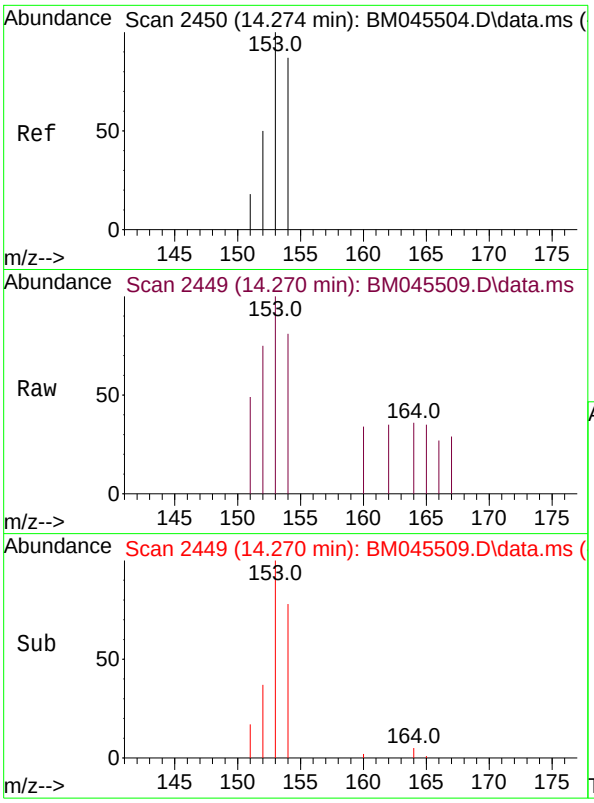


#10
Acenaphthylene
Concen: 0.361 ng/ul
RT: 13.928 min Scan# 2375
Delta R.T. -0.004 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Tgt Ion:152 Resp: 5199

Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.6	28.0
153	15.3	14.1	21.1



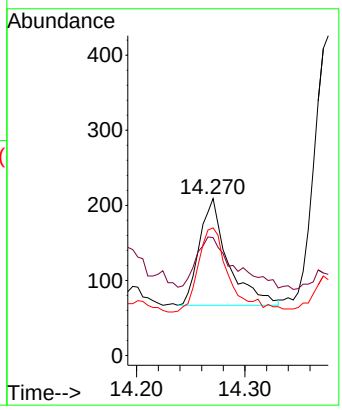


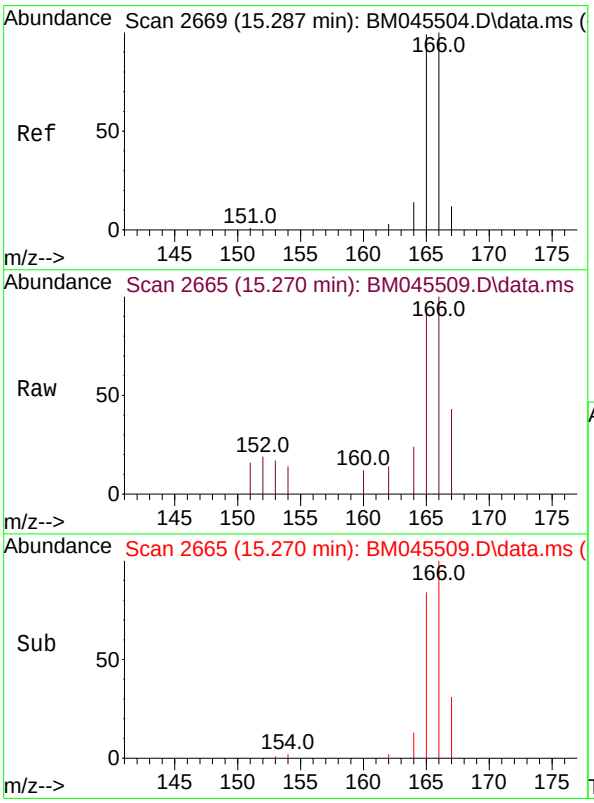
#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.270 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion:153 Resp: 262

Ion	Ratio	Lower	Upper
153	100		
152	75.1	43.4	65.2#
154	81.3	69.0	103.6

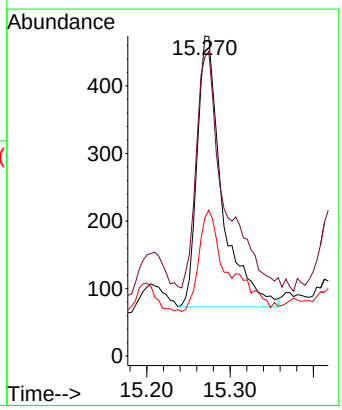


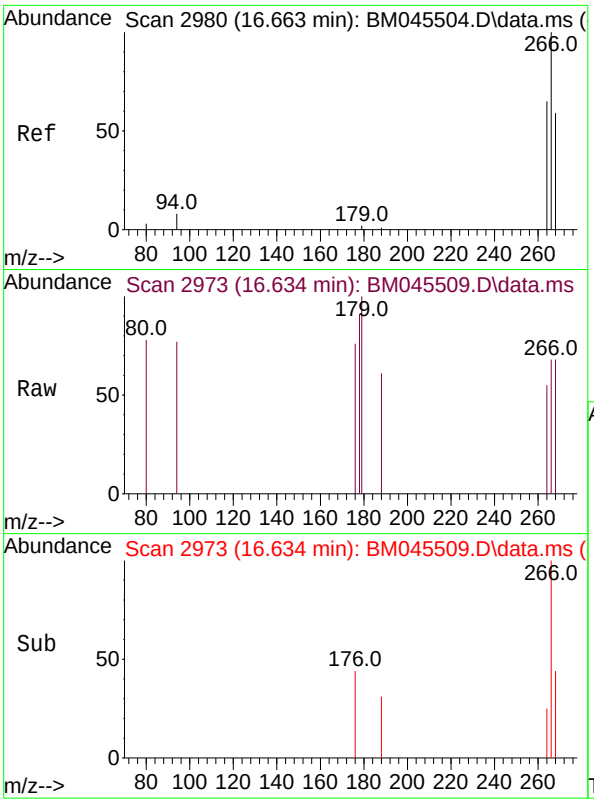


#12
Fluorene
Concen: 0.072 ng/ul
RT: 15.270 min Scan# 2665
Delta R.T. -0.018 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Tgt Ion:166 Resp: 829

Ion	Ratio	Lower	Upper
166	100		
165	93.5	82.2	123.2
167	43.2	14.8	22.2#



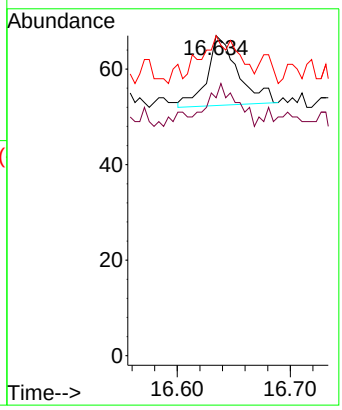


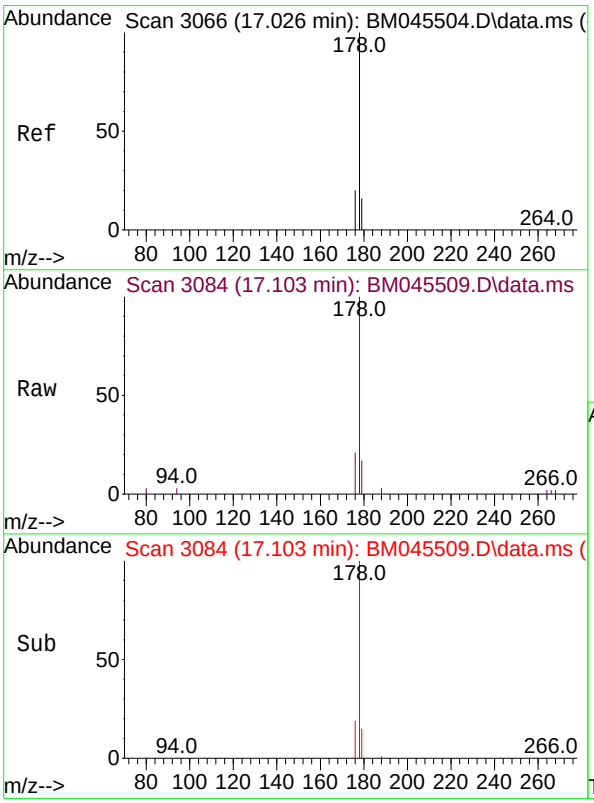
#14
Pentachlorophenol
Concen: 0.026 ng/ul
RT: 16.634 min Scan# 2
Delta R.T. -0.029 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
264	57.1	45.5	68.3
268	75.0	56.1	84.1

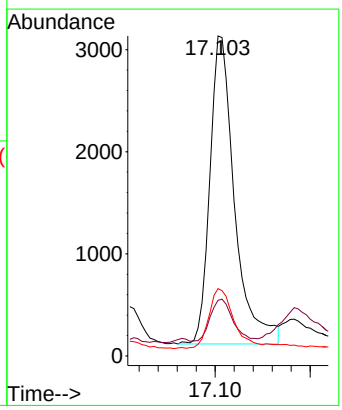


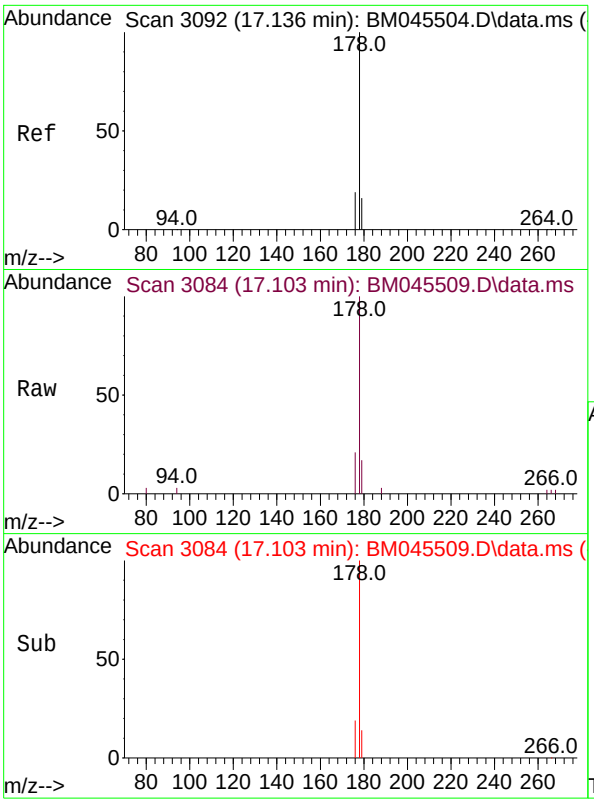


#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.103 min Scan# 3084
Delta R.T. 0.077 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Tgt Ion:178 Resp: 5465

Ion	Ratio	Lower	Upper
178	100		
179	17.4	15.4	23.2
176	21.0	19.0	28.4



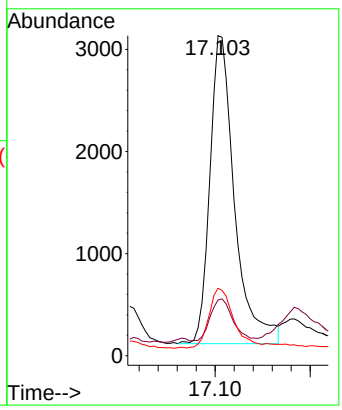


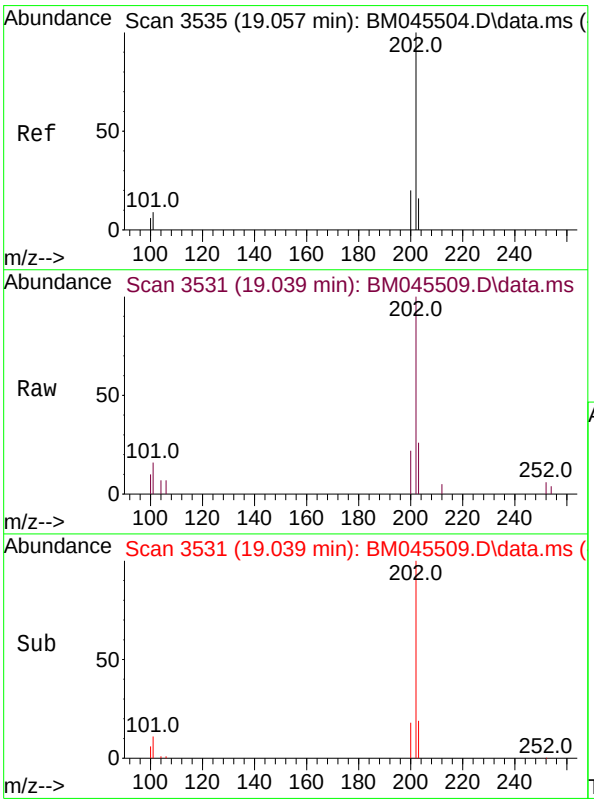
#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.103 min Scan# 3
Delta R.T. -0.033 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion:178 Resp: 5465

Ion	Ratio	Lower	Upper
178	100		
179	17.4	17.8	26.6#
176	21.0	18.7	28.1

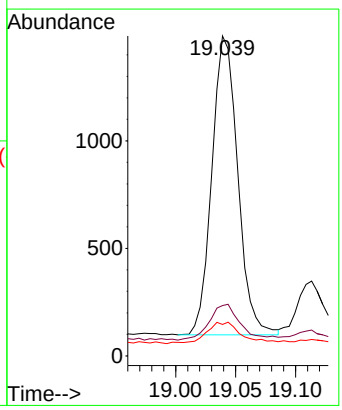


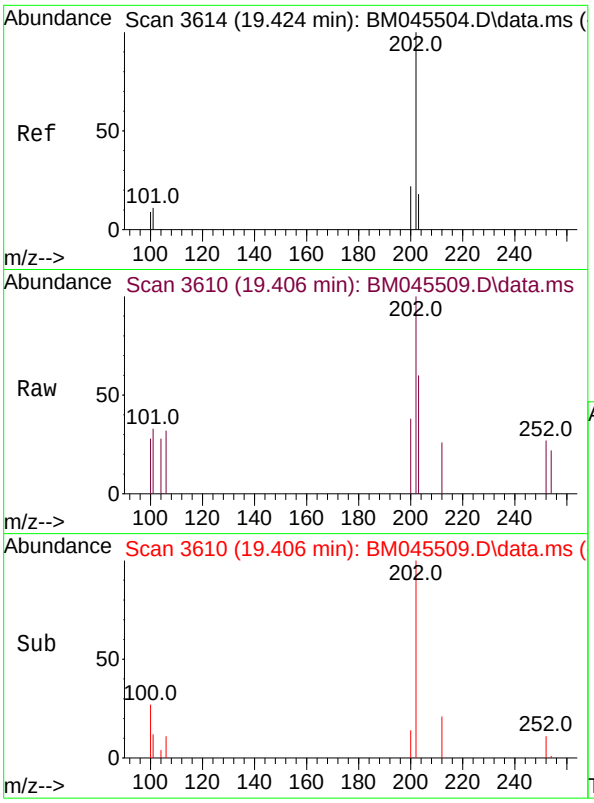


#19
Fluoranthene
Concen: 0.120 ng/ul
RT: 19.039 min Scan# 3531
Delta R.T. -0.018 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Tgt Ion:202 Resp: 2088

Ion	Ratio	Lower	Upper
202	100		
101	15.7	11.2	16.8
100	9.8	9.1	13.7



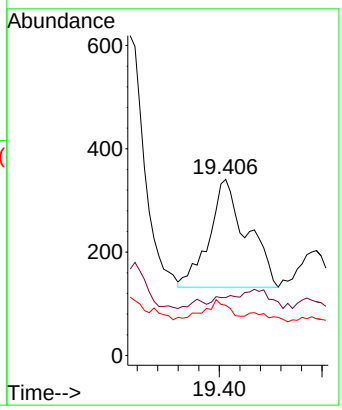


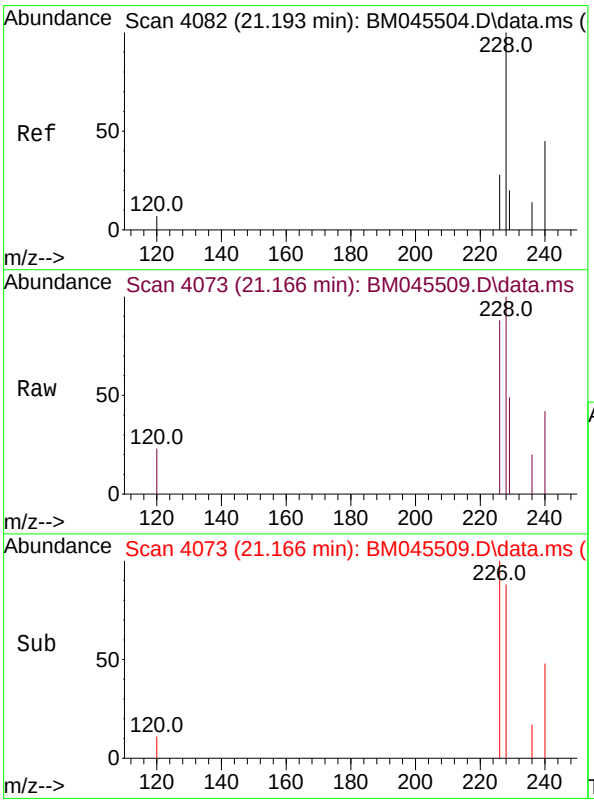
#20
Pyrene
Concen: 0.030 ng/ul
RT: 19.406 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion:202 Resp: 533

Ion	Ratio	Lower	Upper
202	100		
101	32.8	11.5	17.3#
100	28.4	10.6	15.8#

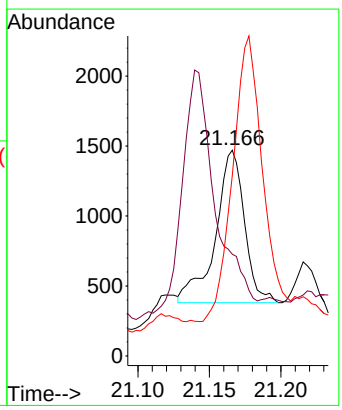


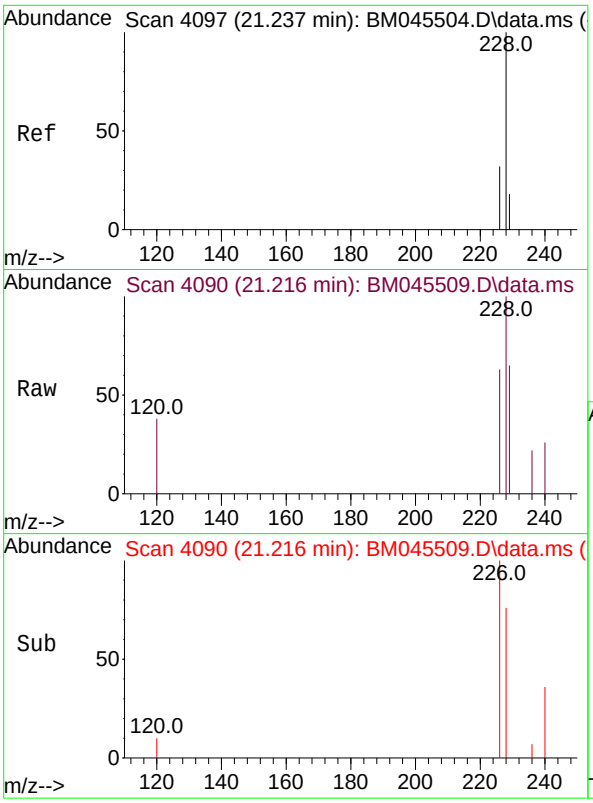


#21
Benzo(a)anthracene
Concen: 0.127 ng/ul
RT: 21.166 min Scan# 4073
Delta R.T. -0.027 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Tgt Ion:228 Resp: 1535

Ion	Ratio	Lower	Upper
228	100		
229	49.4	19.4	29.2#
226	87.6	26.3	39.5#



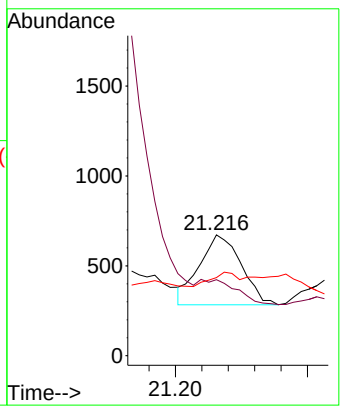


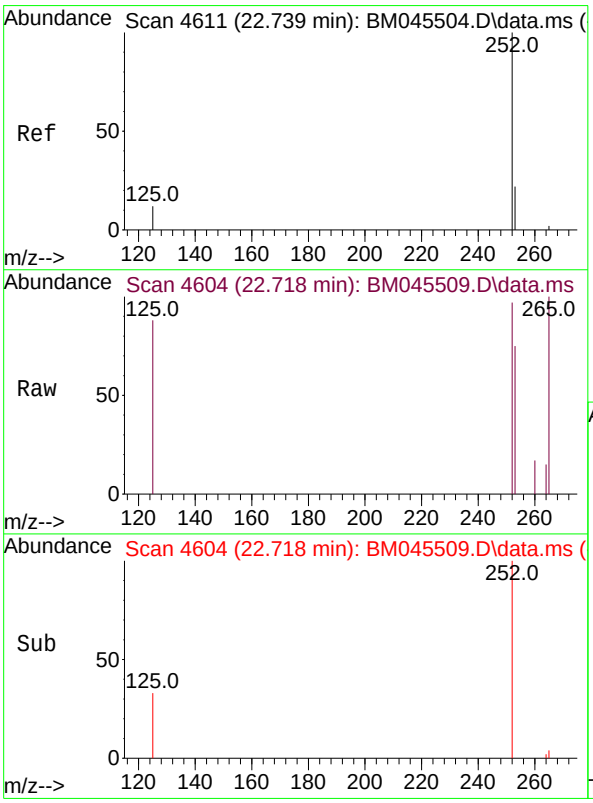
#22
Chrysene
Concen: 0.023 ng/ul
RT: 21.216 min Scan# 4
Delta R.T. -0.021 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion:228 Resp: 429

Ion	Ratio	Lower	Upper
228	100		
226	62.9	26.3	39.5#
229	64.7	17.8	26.8#

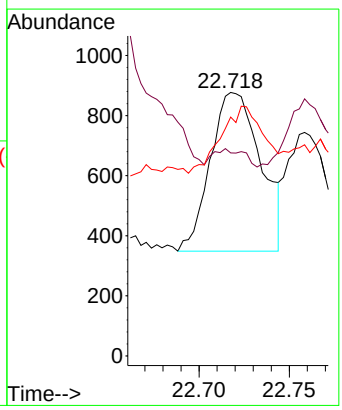


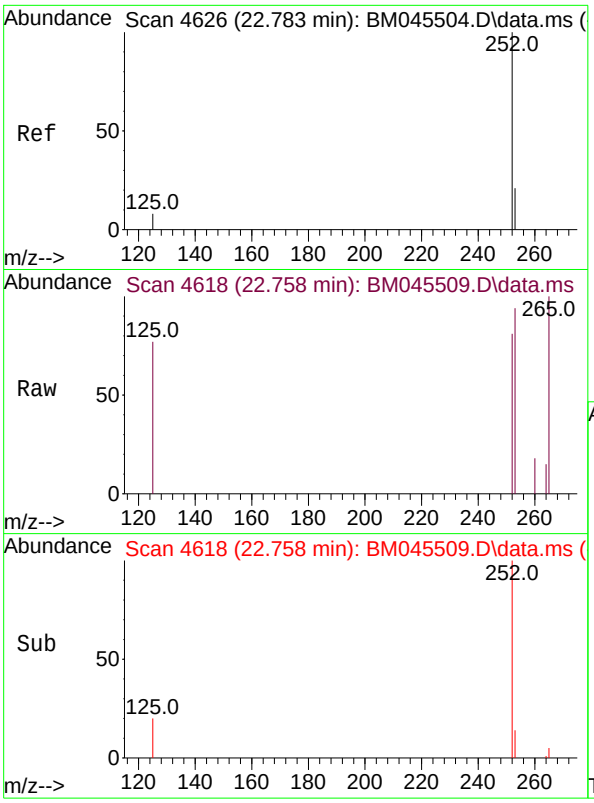


#24
Benzo(b)fluoranthene
Concen: 0.057 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.021 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Tgt Ion:252 Resp: 1022

Ion	Ratio	Lower	Upper
252	100		
253	77.1	0.0	63.4#
125	90.6	0.0	36.8#



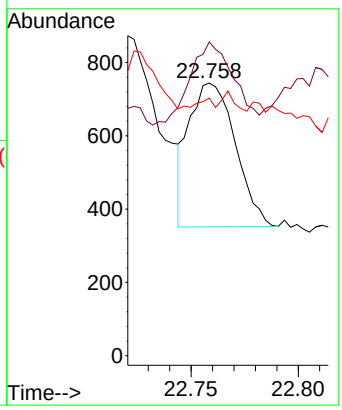


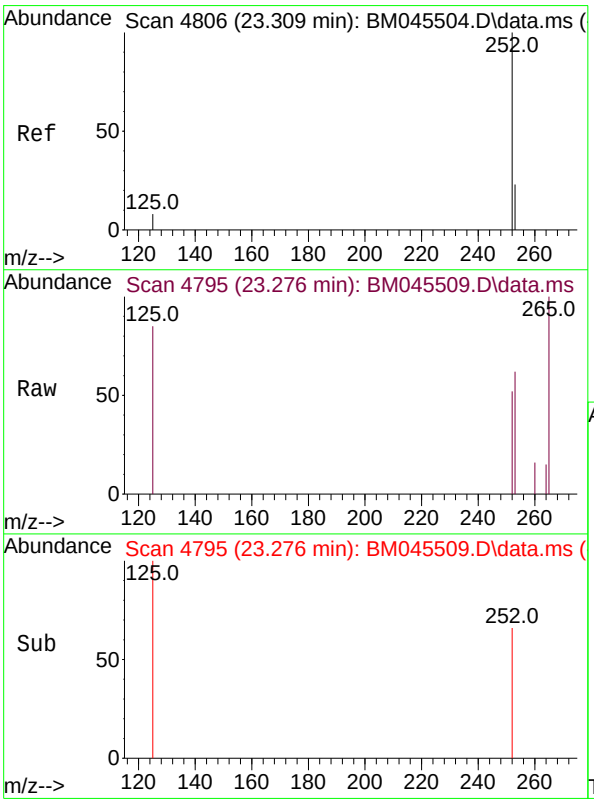
#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul
RT: 22.758 min Scan# 4
Delta R.T. -0.024 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion:252 Resp: 589

Ion	Ratio	Lower	Upper
252	100		
253	115.1	25.4	38.0#
125	94.5	14.8	22.2#

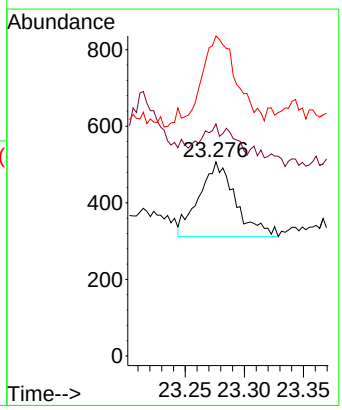


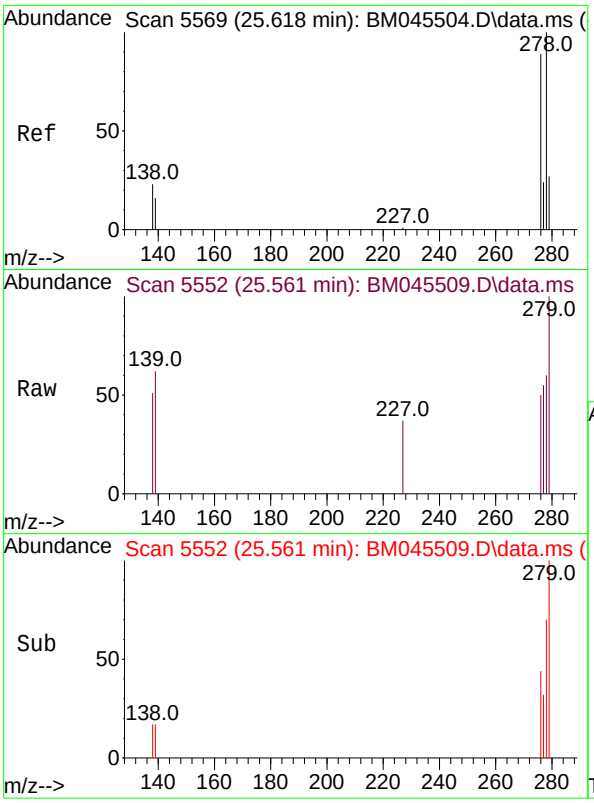


#26
Benzo(a)pyrene
Concen: 0.023 ng/ul
RT: 23.276 min Scan# 4795
Delta R.T. -0.033 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Tgt Ion:252 Resp: 419

Ion	Ratio	Lower	Upper
252	100		
253	119.5	31.6	47.4#
125	164.9	19.5	29.3#





#28
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.561 min Scan# 5
Delta R.T. -0.058 min
Lab File: BM045509.D
Acq: 23 Apr 2024 12:00

Instrument :
BNA_M
ClientSampleId :
C0AA7MSD

Tgt Ion:278 Resp: 562

Ion	Ratio	Lower	Upper
278	100		
139	102.4	19.0	28.6#
279	165.6	29.4	44.2#