Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
Data File : BM045579.D
Acq On : 26 Apr 2024 01:13
Operator : MA/JU
Sample : PB160494BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS494

Quant Time: Apr 26 01:58:03 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 05:17:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.330	136	3040	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	1382	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	2480	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	2269	0.400	ng/ul	# 0.00
23) Perylene-d12	23.376	264	3476	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	901	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	1293	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.015	212	2051	0.287	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	2377	1.906	ng/ul#	84
5) Naphthalene	10.374	128	2770	0.339	ng/ul	99
7) 2-Methylnaphthalene	12.013	142	1584	0.340	ng/ul	97
8) 1-Methylnaphthalene	12.222	142	1547	0.296	ng/ul	95
10) Acenaphthylene	13.927	152	2627	0.385	ng/ul	98
11) Acenaphthene	14.270	153	1726	0.341	ng/ul	98
12) Fluorene	15.278	166	1731	0.320	ng/ul	98
14) Pentachlorophenol	16.646	266	463	0.936	ng/ul	96
15) Phenanthrene	17.022	178	2444	0.338	ng/ul	99
16) Anthracene	17.119	178	2512	0.372	ng/ul	99
19) Fluoranthene	19.043	202	3065	0.293	ng/ul	96
20) Pyrene	19.410	202	3337	0.310	ng/ul	97
21) Benzo(a)anthracene	21.175	228	3134	0.432	ng/ul	99
22) Chrysene	21.222	228	3703	0.332	ng/ul	98
24) Benzo(b)fluoranthene	22.724	252	4160	0.356	ng/ul#	71
25) Benzo(k)fluoranthene	22.765	252	4863	0.329	ng/ul#	77
26) Benzo(a)pyrene	23.283	252	4339	0.358	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.565	276	6153	0.349	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.581	278	4900	0.351	ng/ul#	90
29) Benzo(g,h,i)perylene	26.225	276	5114	0.323	ng/ul#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
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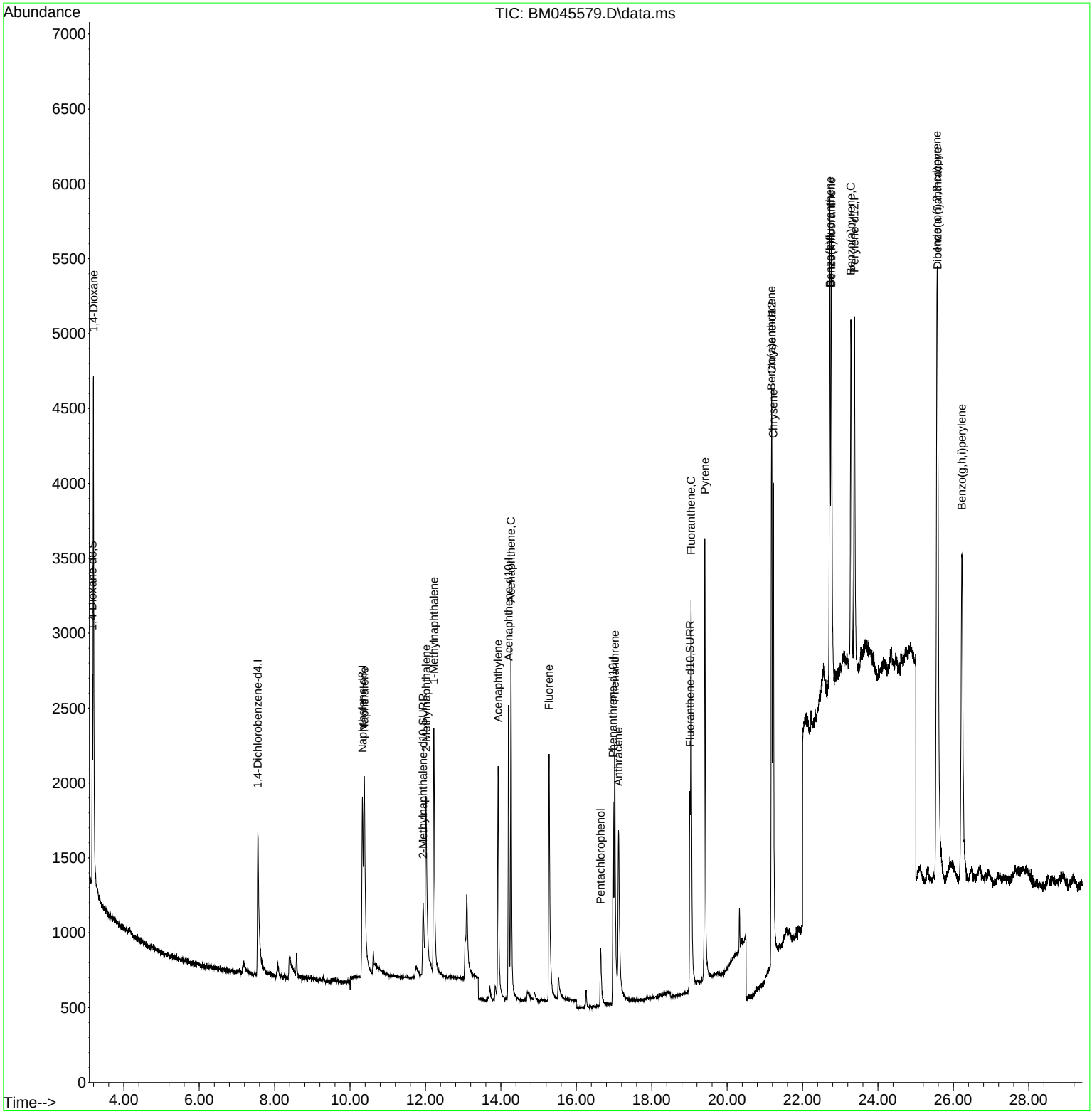
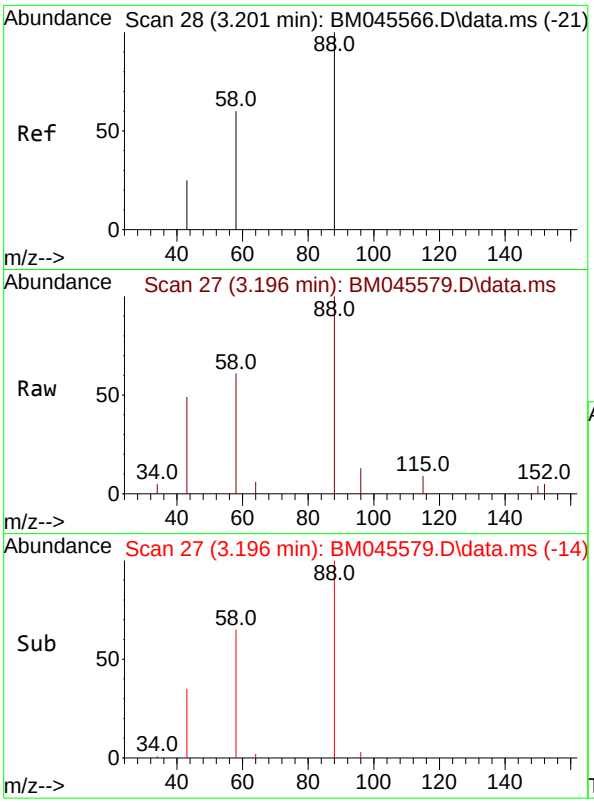
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:17:39 2024
Response via : Initial Calibration



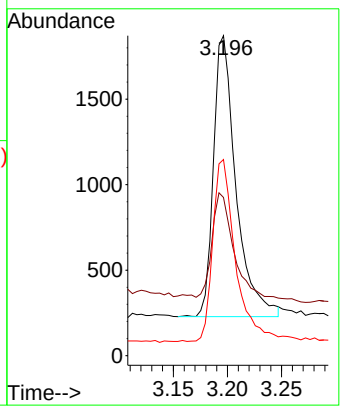


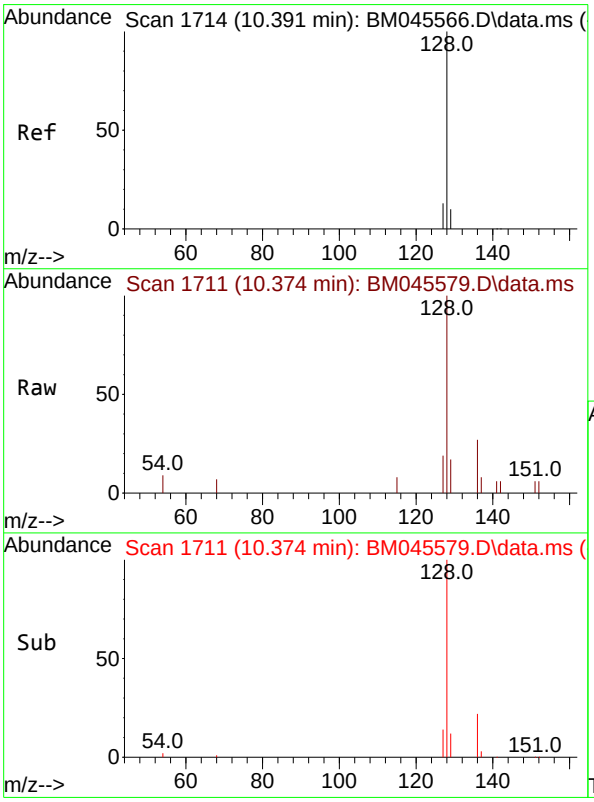
#2
1,4-Dioxane
Concen: 1.906 ng/ul
RT: 3.196 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion: 88 Resp: 2377

Ion	Ratio	Lower	Upper
88	100		
43	49.4	36.8	55.2
58	61.3	35.4	53.2#

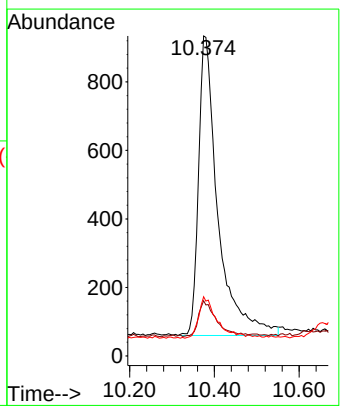


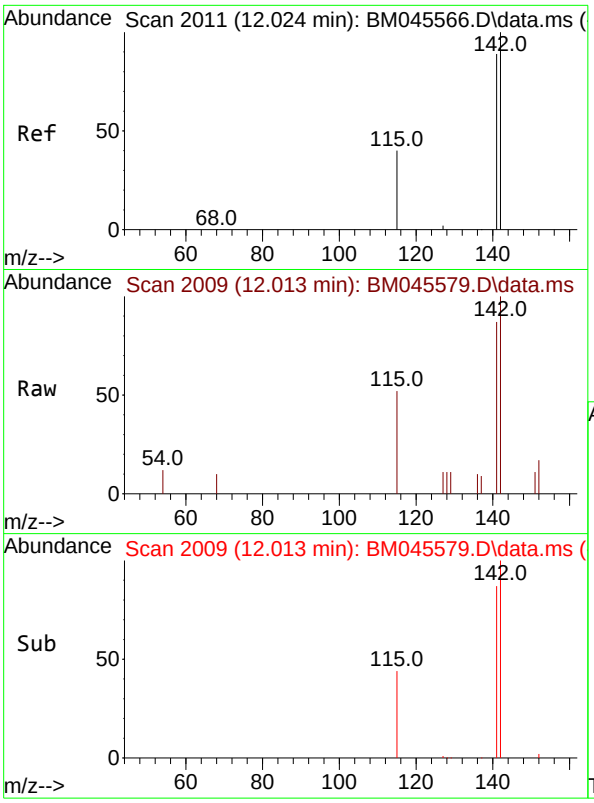


#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.374 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:128 Resp: 2770

Ion	Ratio	Lower	Upper
128	100		
129	17.2	14.0	21.0
127	18.5	15.4	23.2



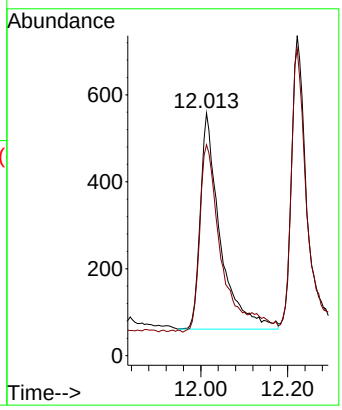


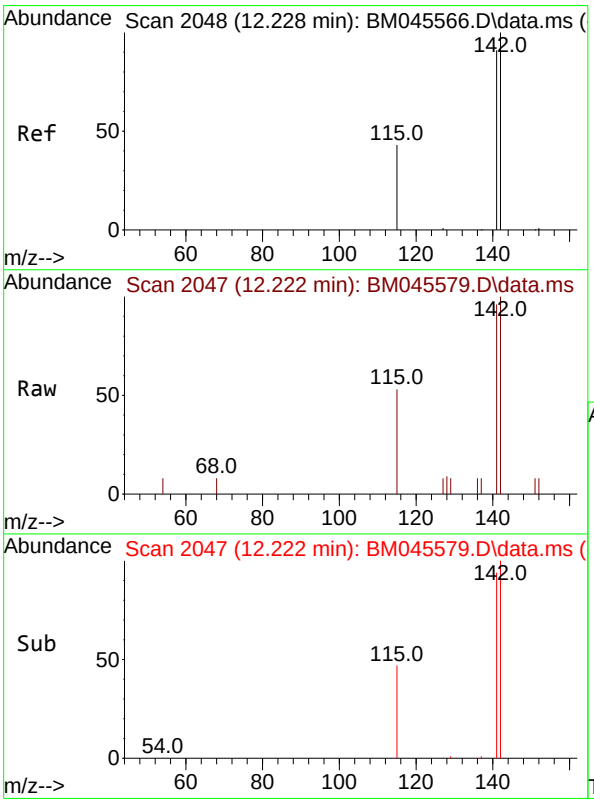
#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.013 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:142 Resp: 1584

Ion	Ratio	Lower	Upper
142	100		
141	96.1	74.6	111.8

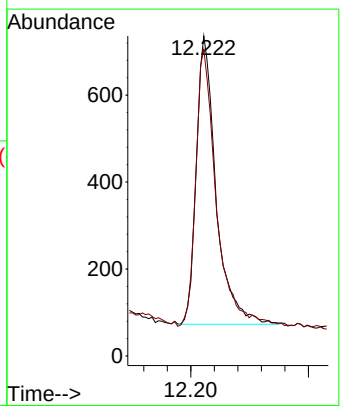


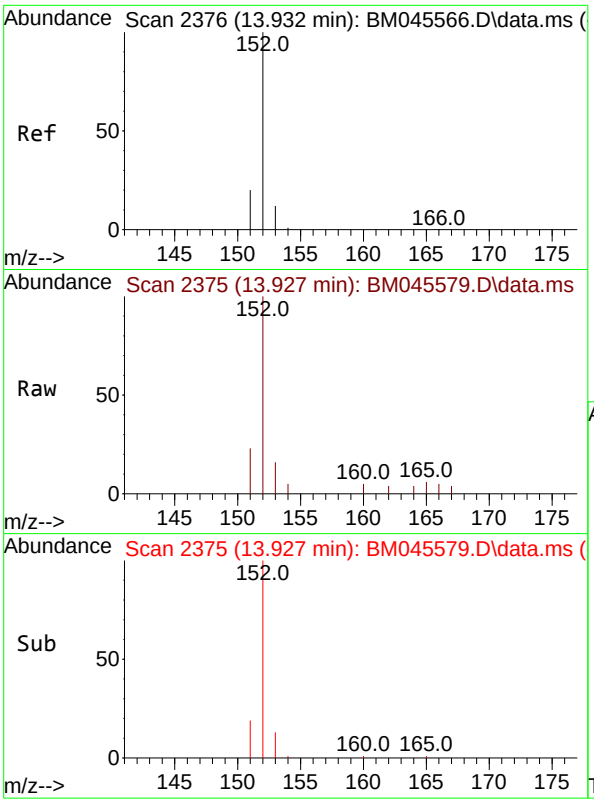


#8
1-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:142 Resp: 1547

Ion	Ratio	Lower	Upper
142	100		
141	100.3	76.1	114.1



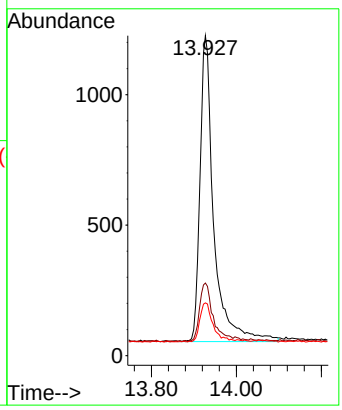


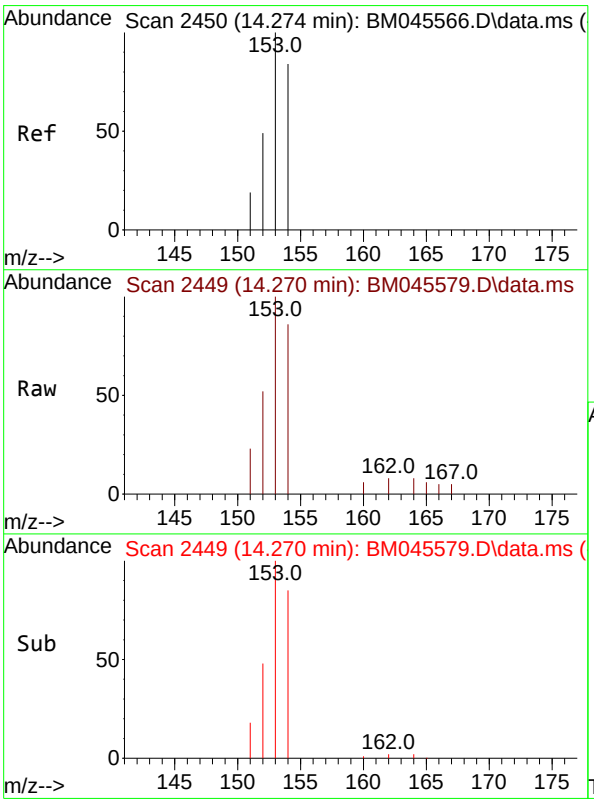
#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 13.927 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:152 Resp: 2627

Ion	Ratio	Lower	Upper
152	100		
151	22.7	18.6	28.0
153	16.5	14.1	21.1

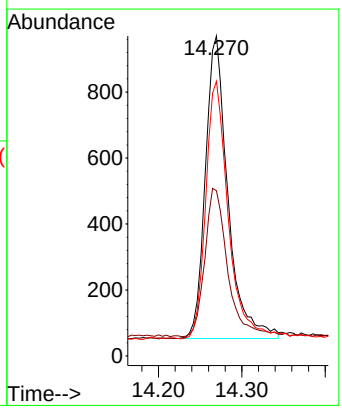


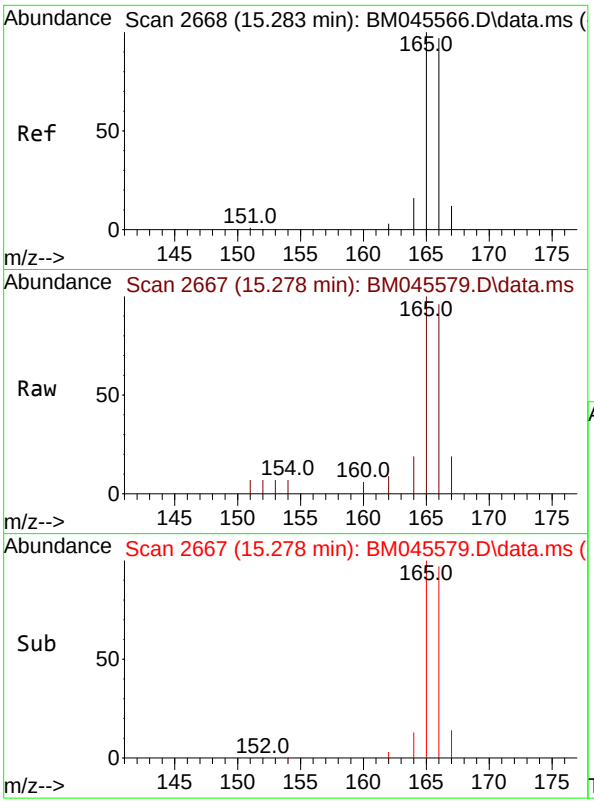


#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:153 Resp: 1726

Ion	Ratio	Lower	Upper
153	100		
152	51.6	43.4	65.2
154	85.9	69.0	103.6



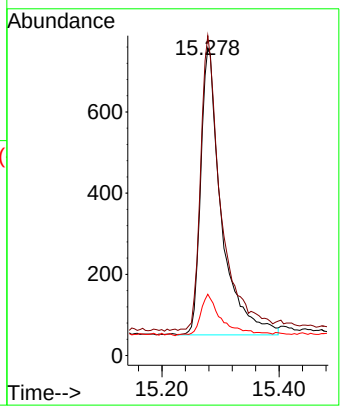


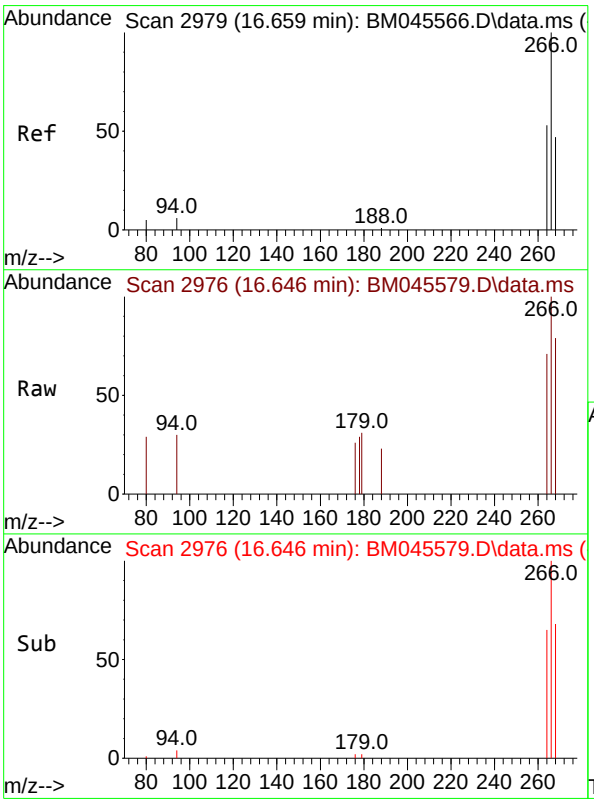
#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.278 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:166 Resp: 1731

Ion	Ratio	Lower	Upper
166	100		
165	104.0	82.2	123.2
167	19.9	14.8	22.2

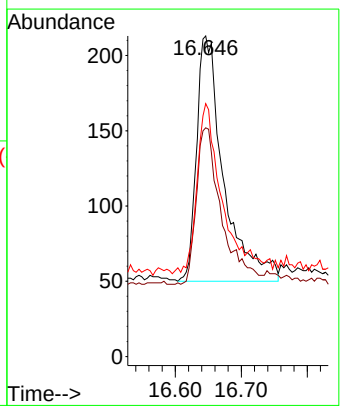


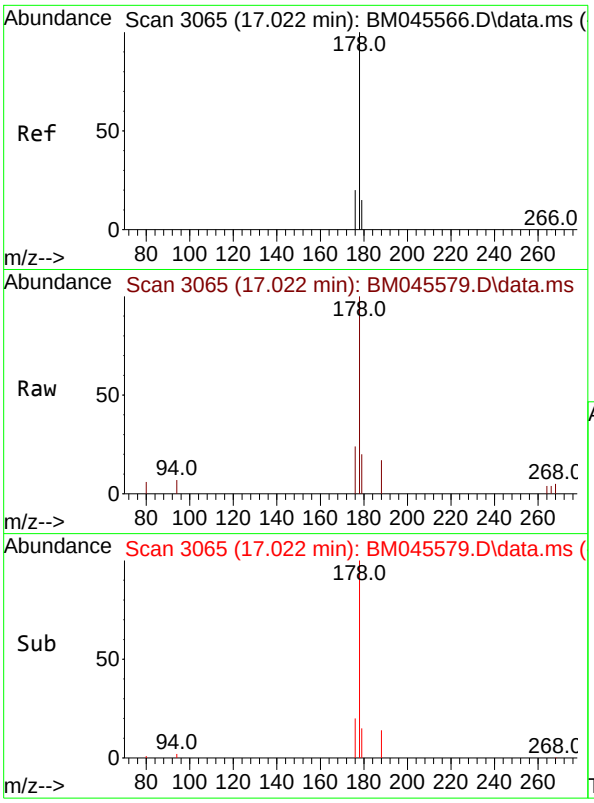


#14
Pentachlorophenol
Concen: 0.936 ng/ul
RT: 16.646 min Scan# 2976
Delta R.T. -0.004 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:266 Resp: 463

Ion	Ratio	Lower	Upper
266	100		
264	59.6	45.5	68.3
268	66.1	56.1	84.1



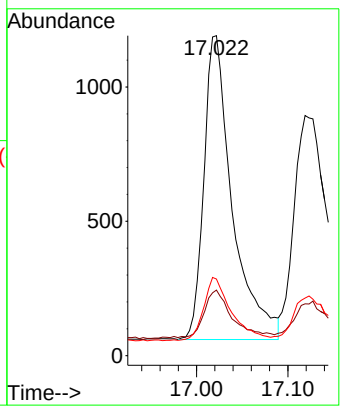


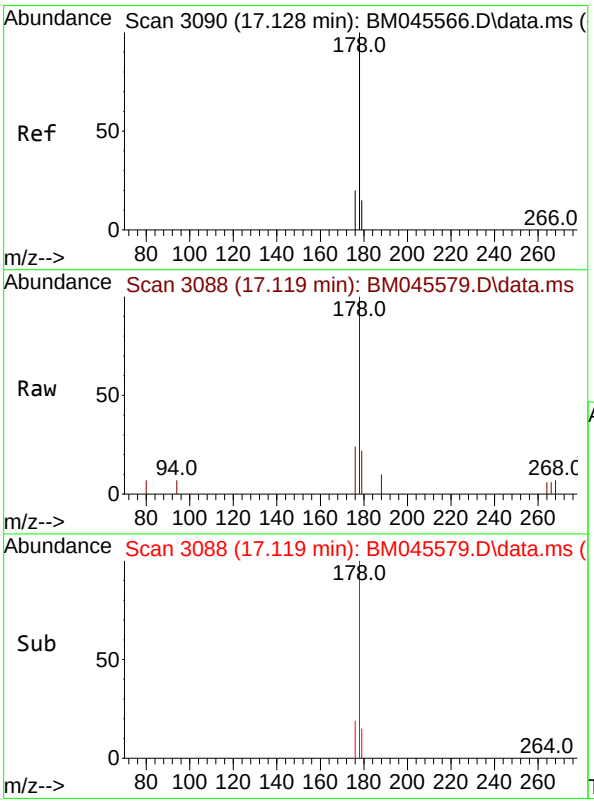
#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.022 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:178 Resp: 2444

Ion	Ratio	Lower	Upper
178	100		
179	20.5	15.4	23.2
176	23.9	19.0	28.4

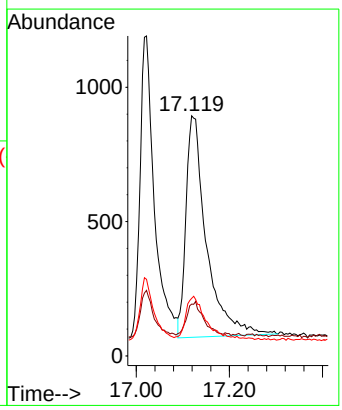


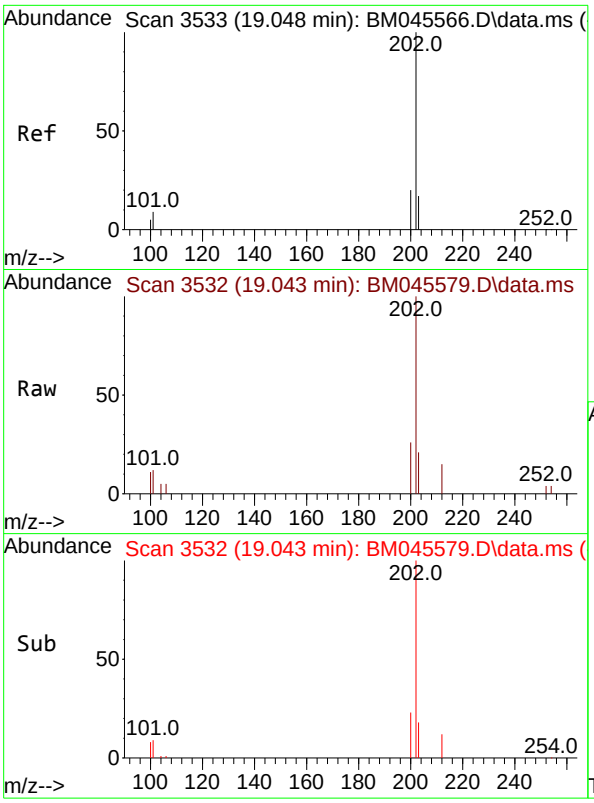


#16
Anthracene
Concen: 0.372 ng/ul
RT: 17.119 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:178 Resp: 2512

Ion	Ratio	Lower	Upper
178	100		
179	21.6	17.8	26.6
176	23.9	18.7	28.1



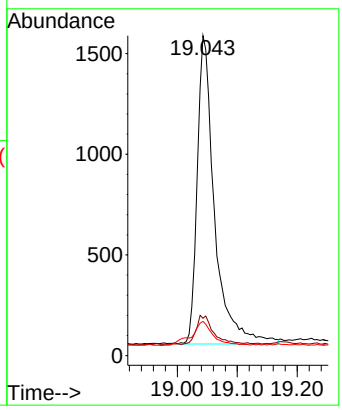


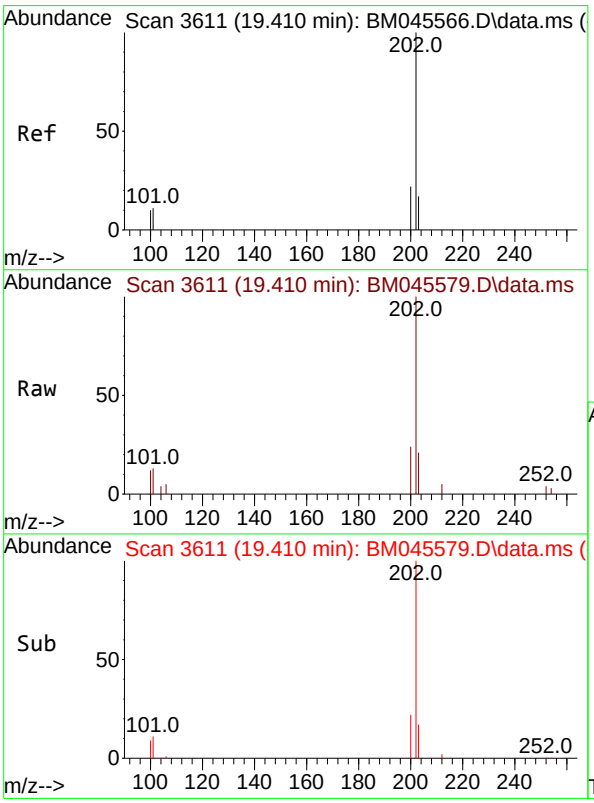
#19
Fluoranthene
Concen: 0.293 ng/ul
RT: 19.043 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:202 Resp: 3065

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.2	16.8
100	10.7	9.1	13.7

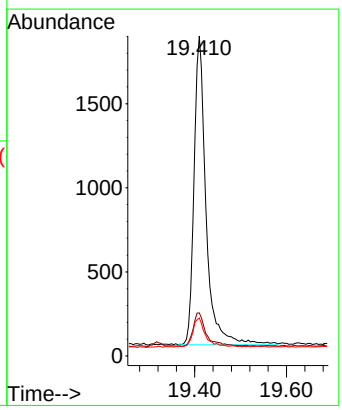


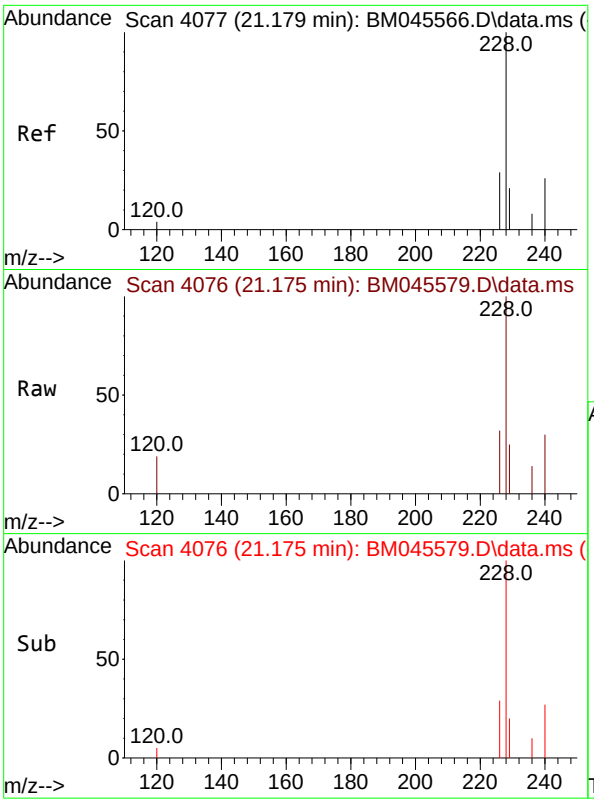


#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.410 min Scan# 3611
Delta R.T. -0.005 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:202 Resp: 3337

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.5	17.3
100	11.9	10.6	15.8



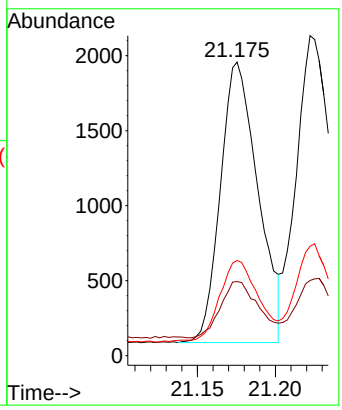


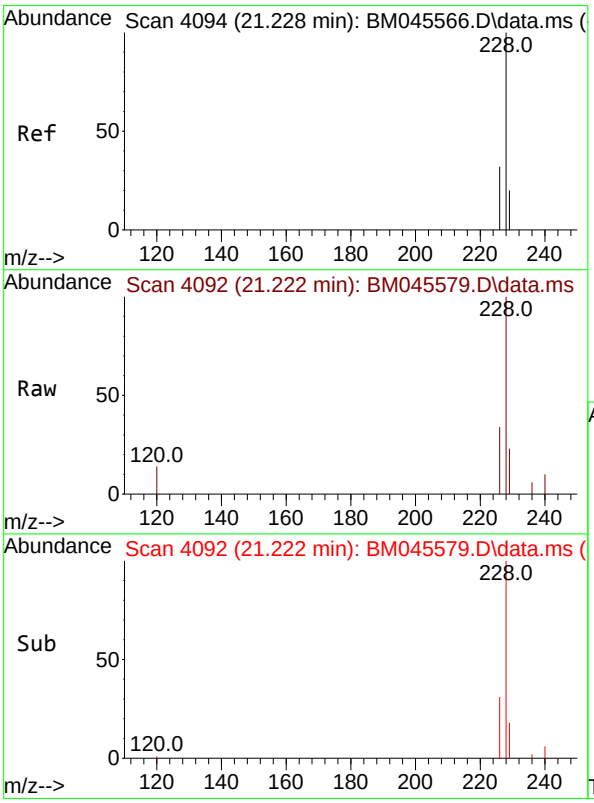
#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.175 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:228 Resp: 3134

Ion	Ratio	Lower	Upper
228	100		
229	25.2	19.4	29.2
226	32.4	26.3	39.5

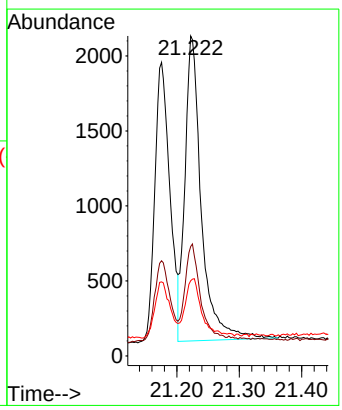


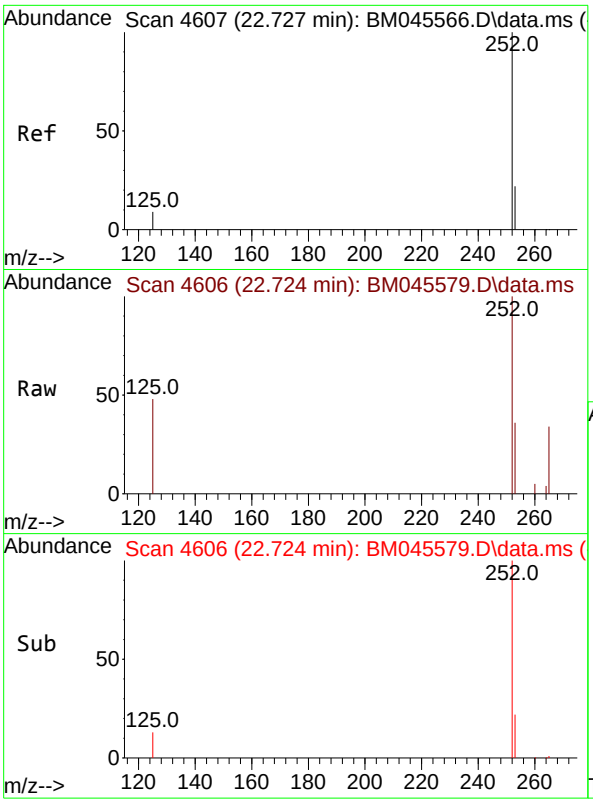


#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.222 min Scan# 4092
Delta R.T. -0.006 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:228 Resp: 3703

Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.3	39.5
229	23.5	17.8	26.8



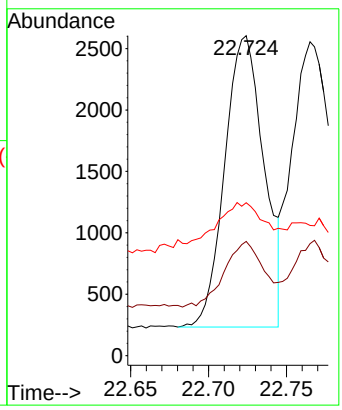


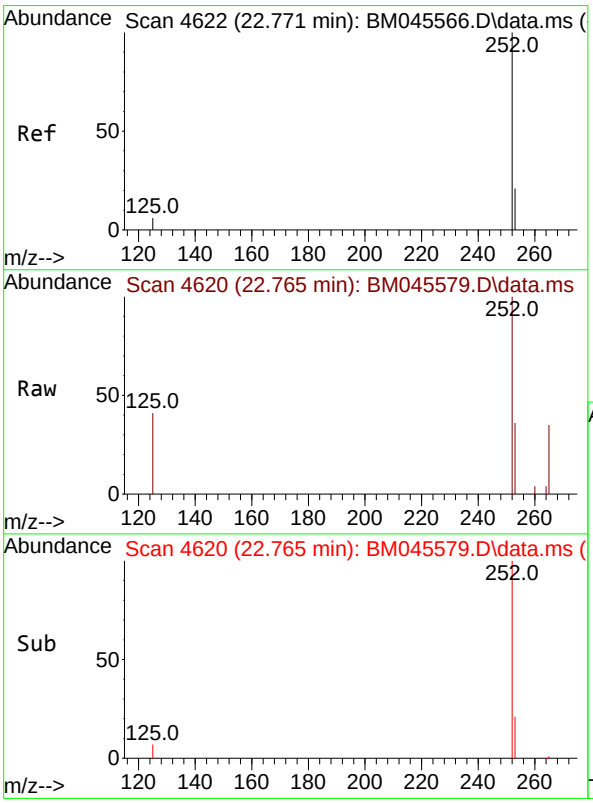
#24
Benzo(b)fluoranthene
Concen: 0.356 ng/ul
RT: 22.724 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:252 Resp: 4160

Ion	Ratio	Lower	Upper
252	100		
253	35.7	0.0	63.4
125	47.8	0.0	36.8#

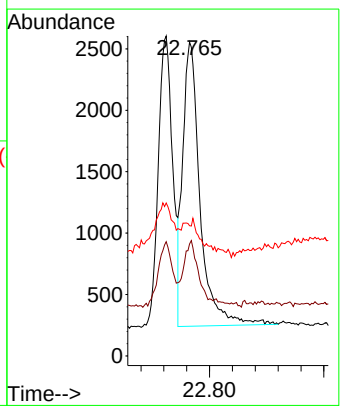


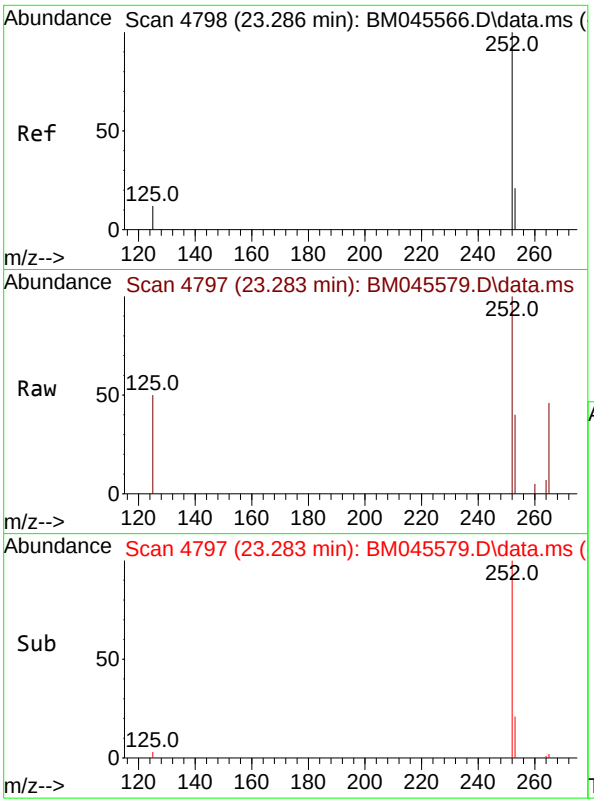


#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 22.765 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:252 Resp: 4863

Ion	Ratio	Lower	Upper
252	100		
253	35.7	25.4	38.0
125	41.5	14.8	22.2#



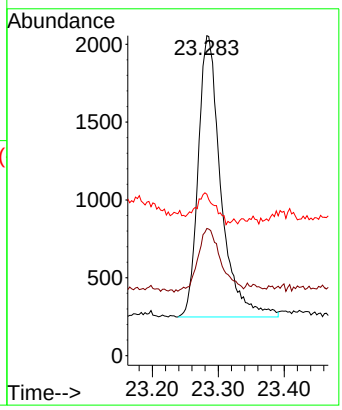


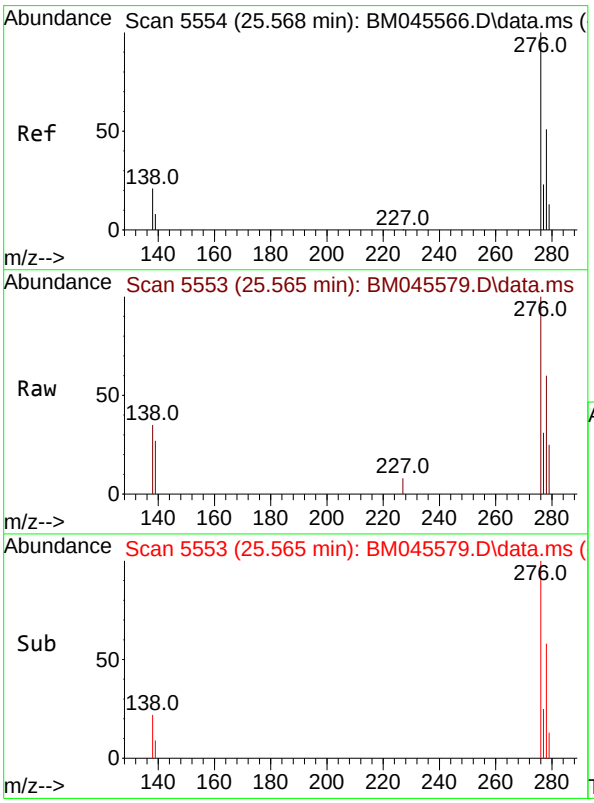
#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.283 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:252 Resp: 4339

Ion	Ratio	Lower	Upper
252	100		
253	39.8	31.6	47.4
125	50.5	19.5	29.3#

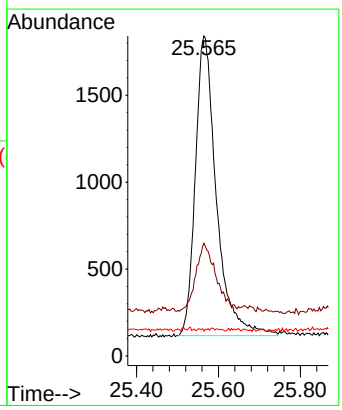


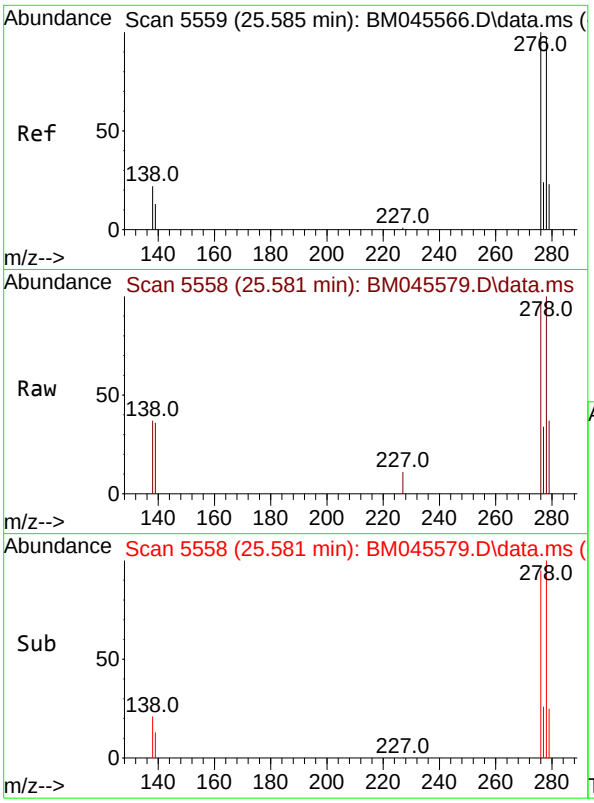


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.565 min Scan# 5553
Delta R.T. -0.007 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:276 Resp: 6153

Ion	Ratio	Lower	Upper
276	100		
138	21.7	19.8	29.6
227	0.1	0.2	0.2#



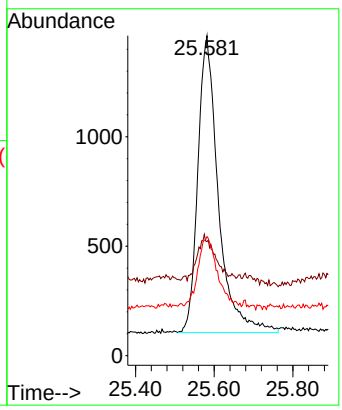


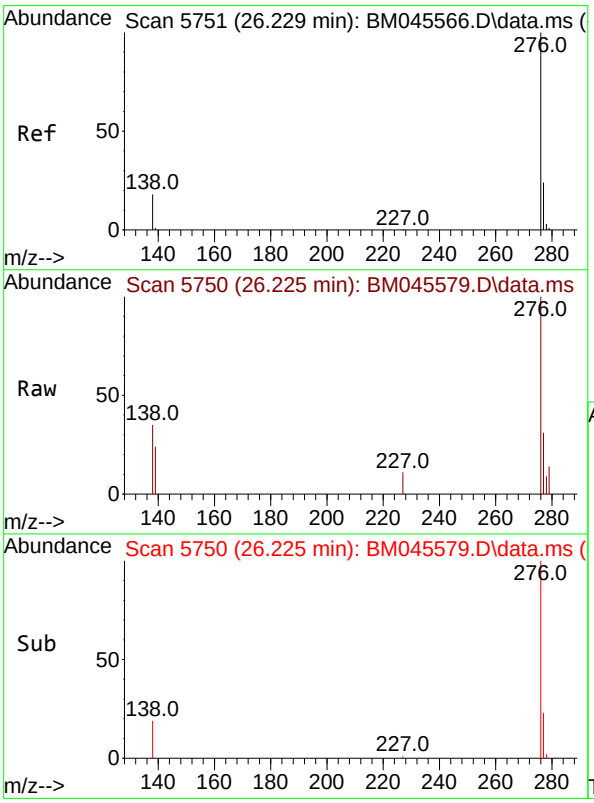
#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 25.581 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Instrument :
BNA_M
ClientSampleId :
SLCS494

Tgt Ion:278 Resp: 4900

Ion	Ratio	Lower	Upper
278	100		
139	35.6	19.0	28.6#
279	37.2	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.225 min Scan# 5750
Delta R.T. -0.010 min
Lab File: BM045579.D
Acq: 26 Apr 2024 01:13

Tgt Ion:276 Resp: 5114

Ion	Ratio	Lower	Upper
276	100		
138	35.2	20.8	31.2#
277	31.1	21.8	32.8