Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046426.D
Acq On : 06 Jul 2024 19:28
Operator : MA/JU
Sample : PB161679BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS679

Quant Time: Jul 08 00:50:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 16:01:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.535	152	11853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	35115	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.178	164	21537	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	38801	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	17455	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	17451	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	4441	0.363	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	18168	0.350	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	25470	0.417	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	12309	0.888	ng/ul#	91
5) Naphthalene	10.348	128	30429	0.326	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	21039	0.334	ng/ul	99
8) 1-Methylnaphthalene	12.196	142	20386	0.314	ng/ul	99
10) Acenaphthylene	13.891	152	36345	0.333	ng/ul	99
11) Acenaphthene	14.238	153	23413	0.329	ng/ul	97
12) Fluorene	15.233	166	26658	0.317	ng/ul	100
14) Pentachlorophenol	16.584	266	7851	0.694	ng/ul	99
15) Phenanthrene	16.972	178	37445	0.322	ng/ul	99
16) Anthracene	17.061	178	36957	0.328	ng/ul	99
19) Fluoranthene	18.997	202	36084	0.409	ng/ul	98
20) Pyrene	19.360	202	35567	0.392	ng/ul#	95
21) Benzo(a)anthracene	21.119	228	27736	0.356	ng/ul	99
22) Chrysene	21.169	228	26005	0.335	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	25228	0.340	ng/ul	95
25) Benzo(k)fluoranthene	22.694	252	24079	0.322	ng/ul#	94
26) Benzo(a)pyrene	23.197	252	22394	0.382	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.433	276	28185	0.356	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.453	278	22358	0.365	ng/ul	97
29) Benzo(g,h,i)perylene	26.081	276	22984	0.364	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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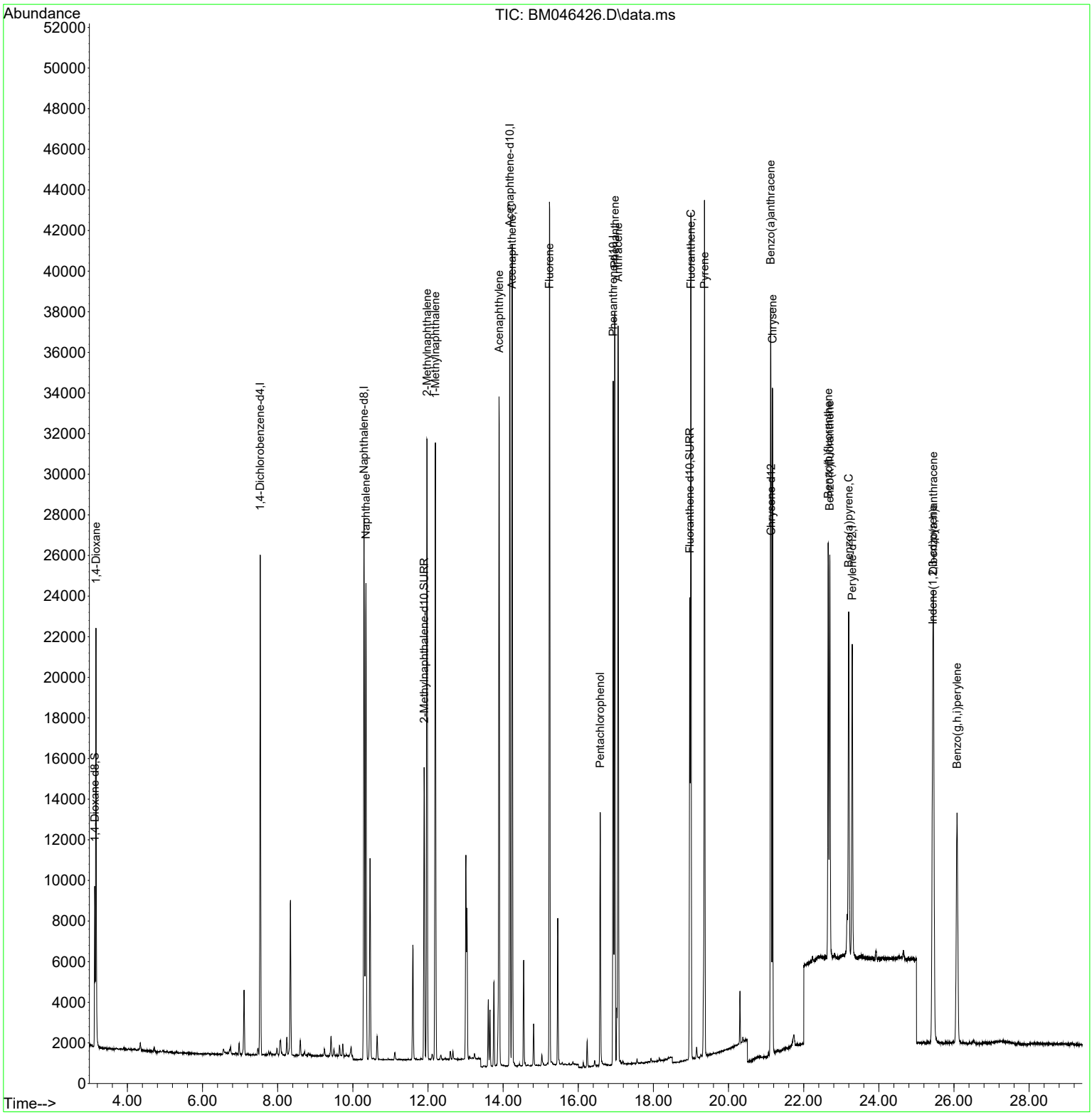
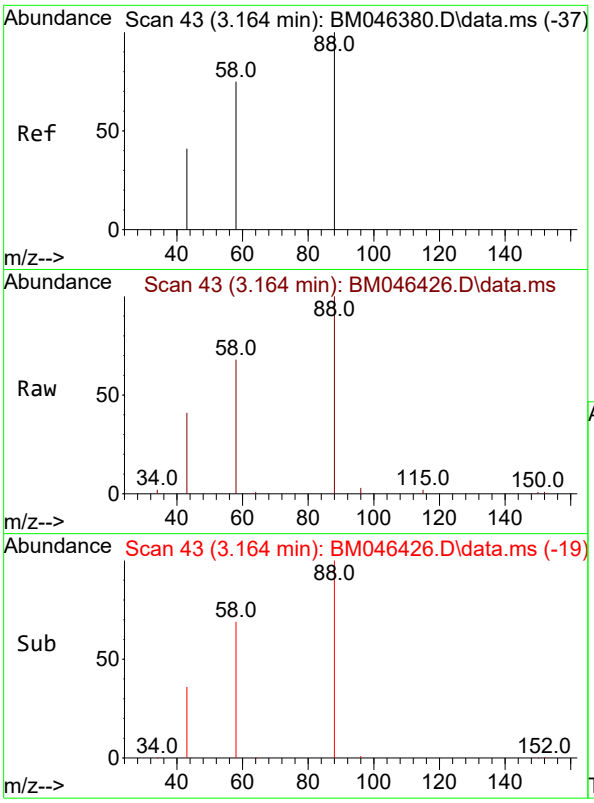


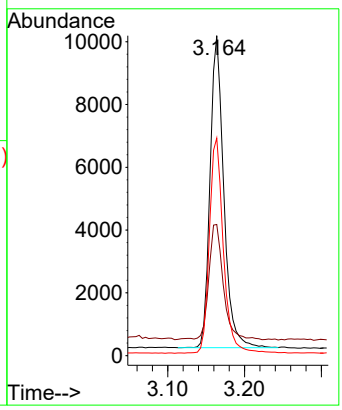


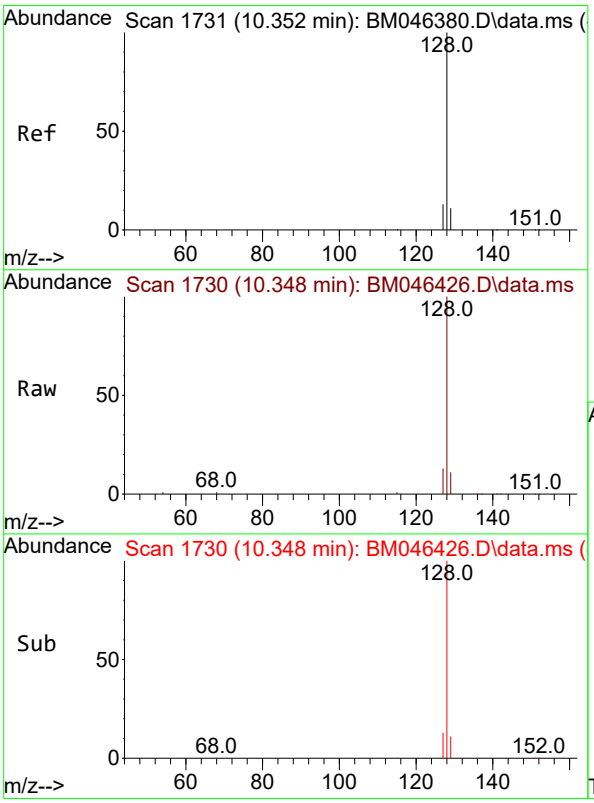
#2
1,4-Dioxane
Concen: 0.888 ng/ul
RT: 3.164 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion: 88 Resp: 12309

Ion	Ratio	Lower	Upper
88	100		
43	41.0	41.9	62.9#
58	68.0	56.5	84.7

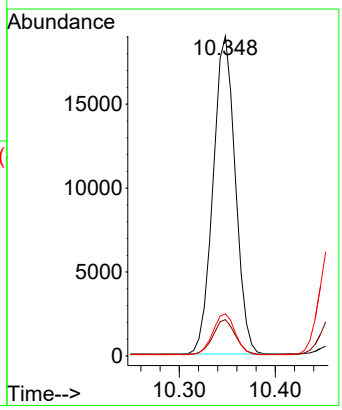


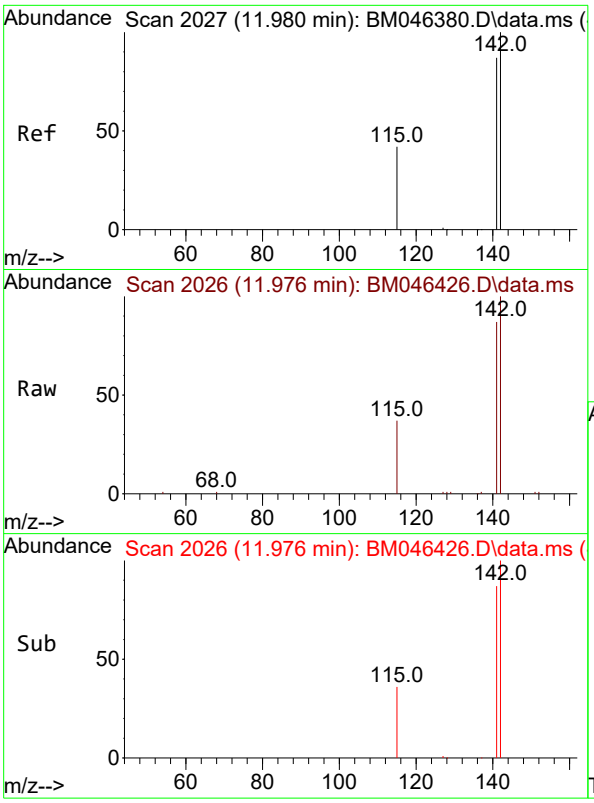


#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:128 Resp: 30429

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.2	10.8	16.2



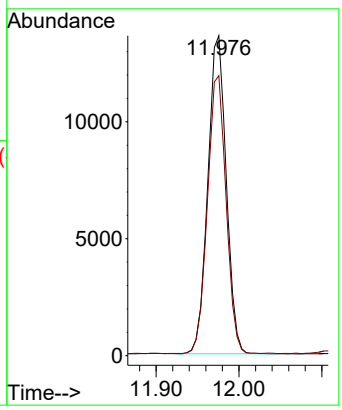


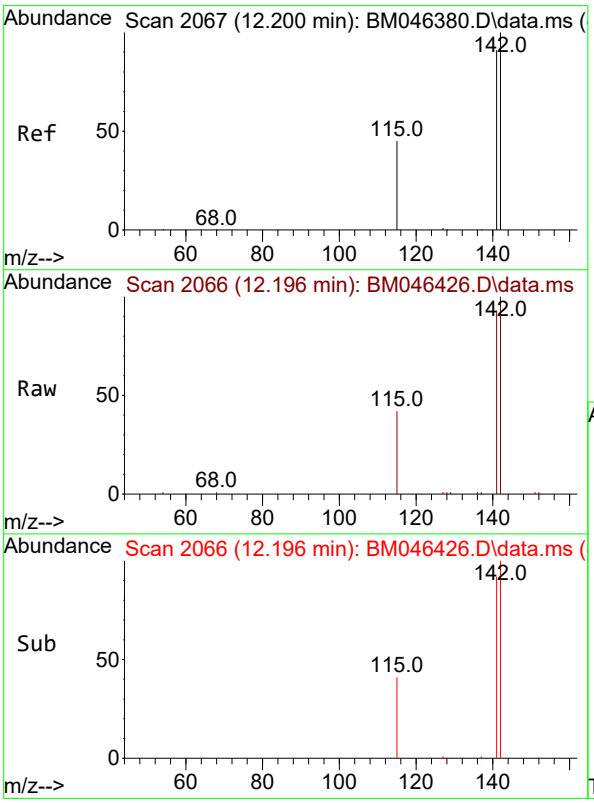
#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 11.976 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:142 Resp: 21039

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.8	104.6

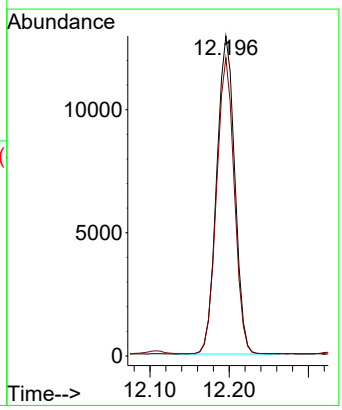


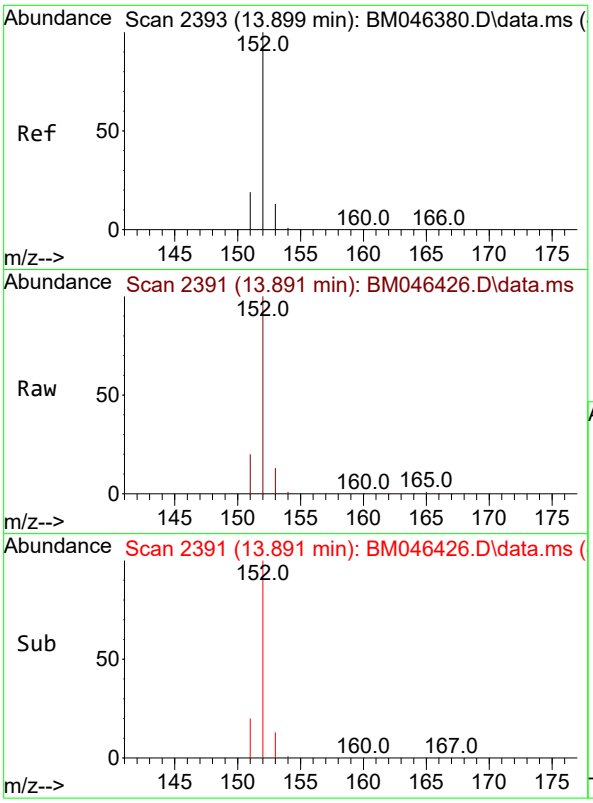


#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:142 Resp: 20386

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.4	108.6



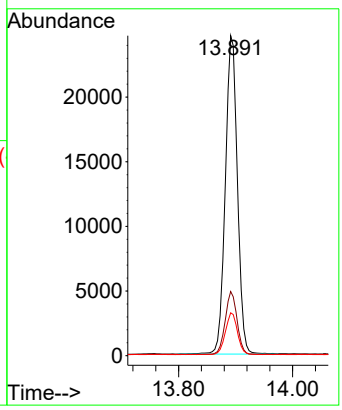


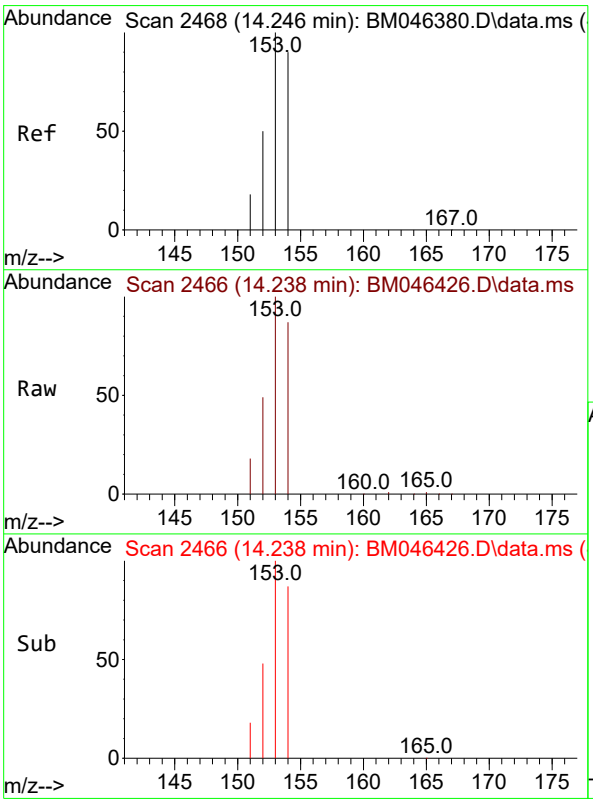
#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 13.891 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:152 Resp: 36345

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.4	11.0	16.6

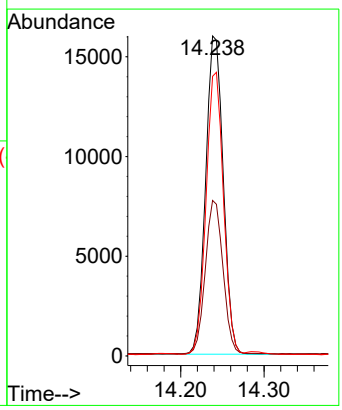


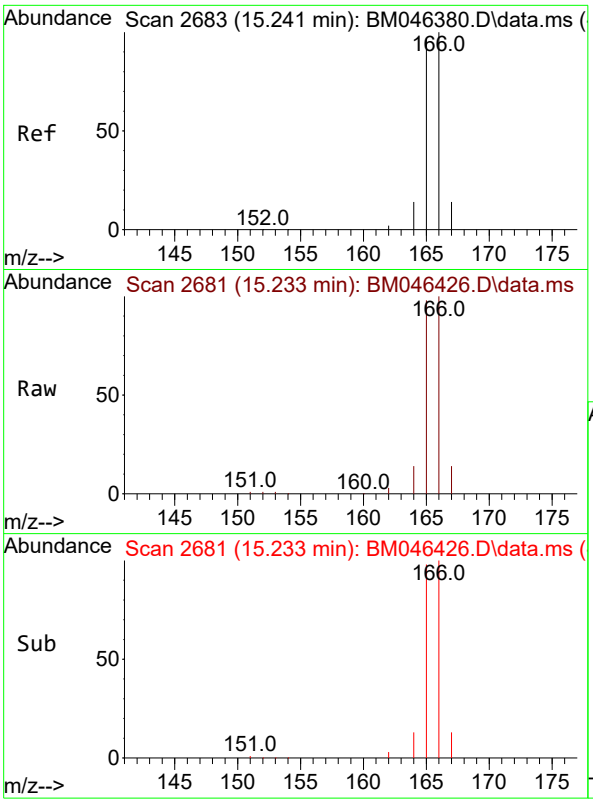


#11
Acenaphthene
Concen: 0.329 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:153 Resp: 23413

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.4	60.6
154	87.4	72.1	108.1



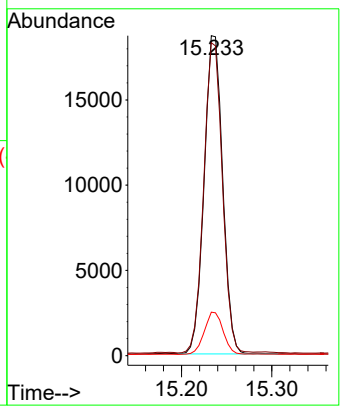


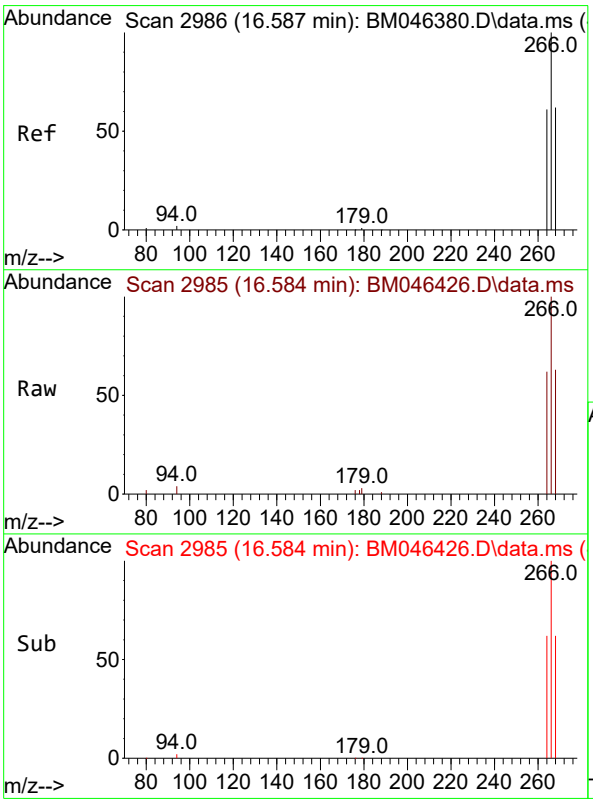
#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.233 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:166 Resp: 26658

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.0	117.0
167	13.6	11.4	17.0

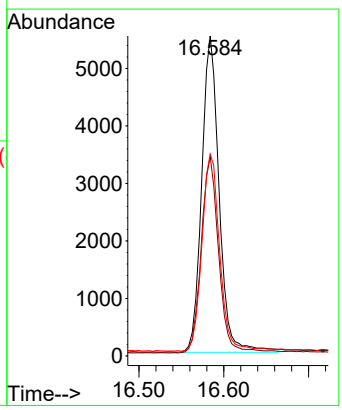


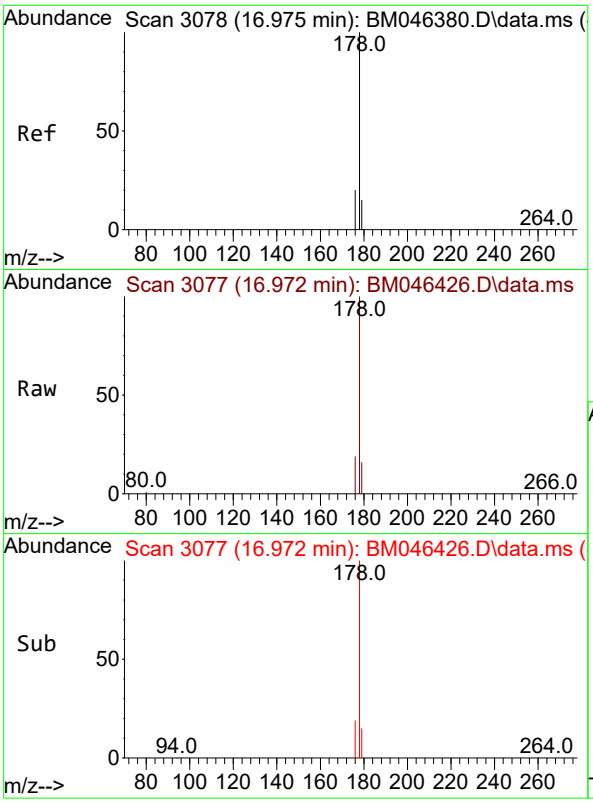


#14
Pentachlorophenol
Concen: 0.694 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. -0.003 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:266 Resp: 7851

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.0	76.6
268	63.7	50.8	76.2



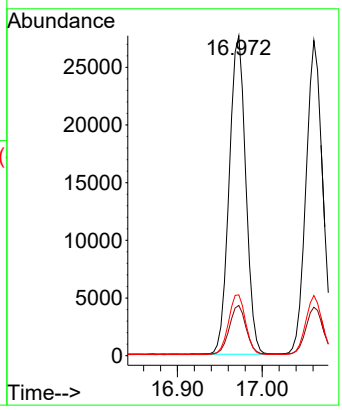


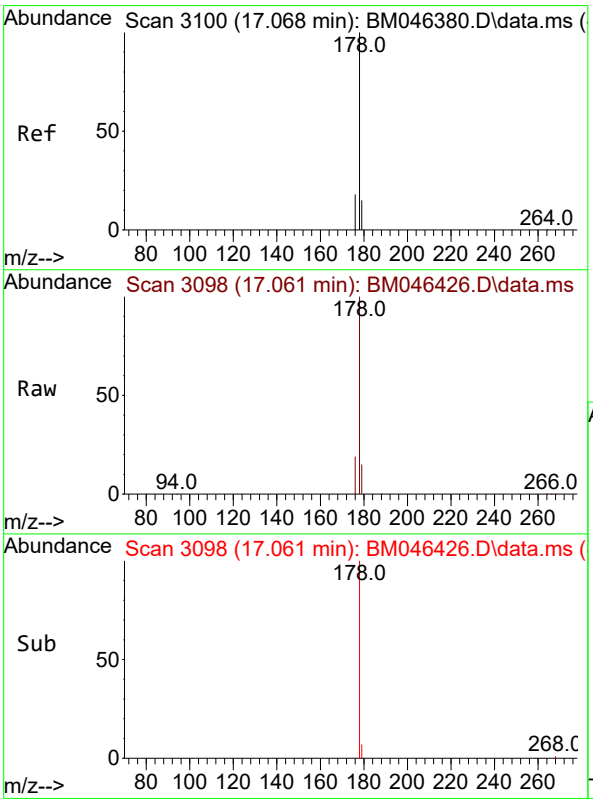
#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 16.972 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:178 Resp: 37445

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.0	16.0	24.0

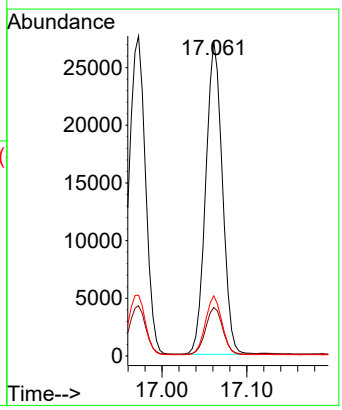


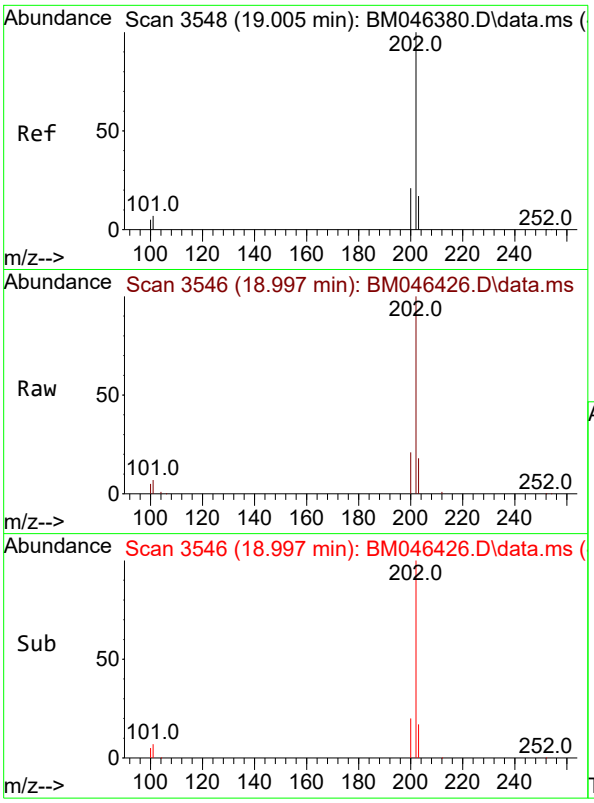


#16
Anthracene
Concen: 0.328 ng/ul
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:178 Resp: 36957

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.1	14.9	22.3



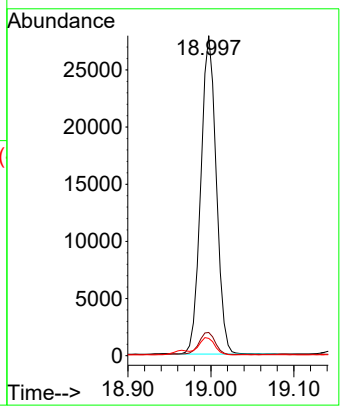


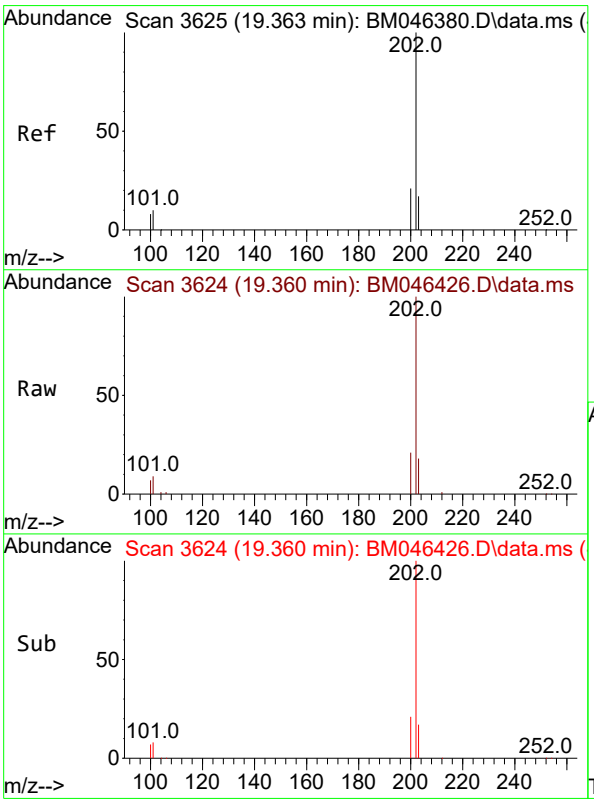
#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 18.997 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:202 Resp: 36084

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.3	9.5
100	5.4	5.0	7.6

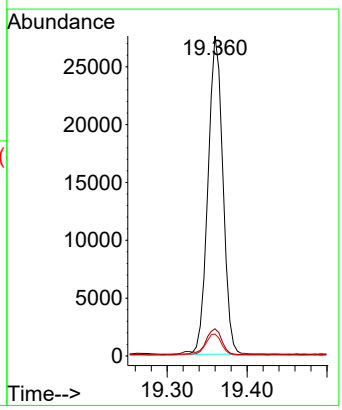


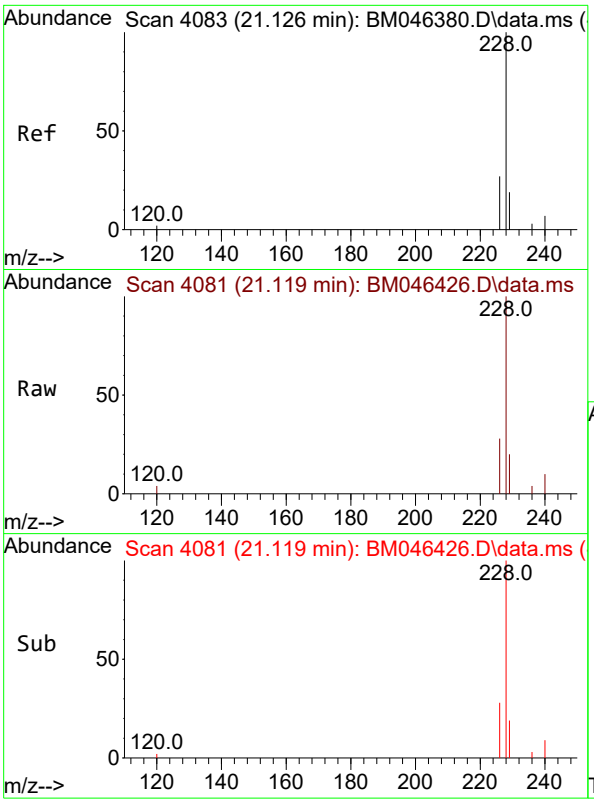


#20
Pyrene
Concen: 0.392 ng/ul
RT: 19.360 min Scan# 3624
Delta R.T. -0.003 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:202 Resp: 35567

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.2	12.4
100	6.9	6.9	10.3#



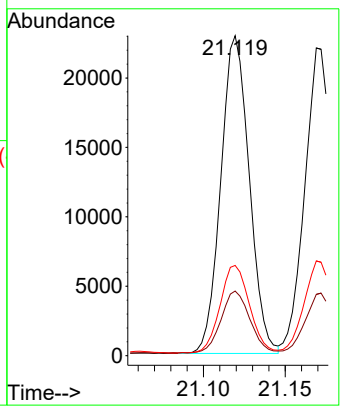


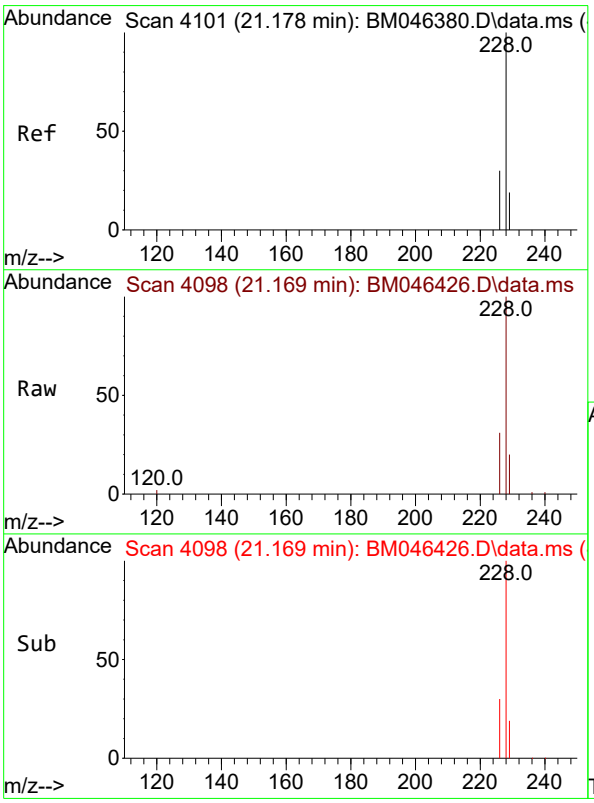
#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.119 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:228 Resp: 27736

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	28.2	22.0	33.0

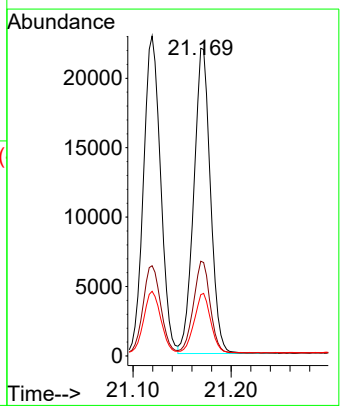


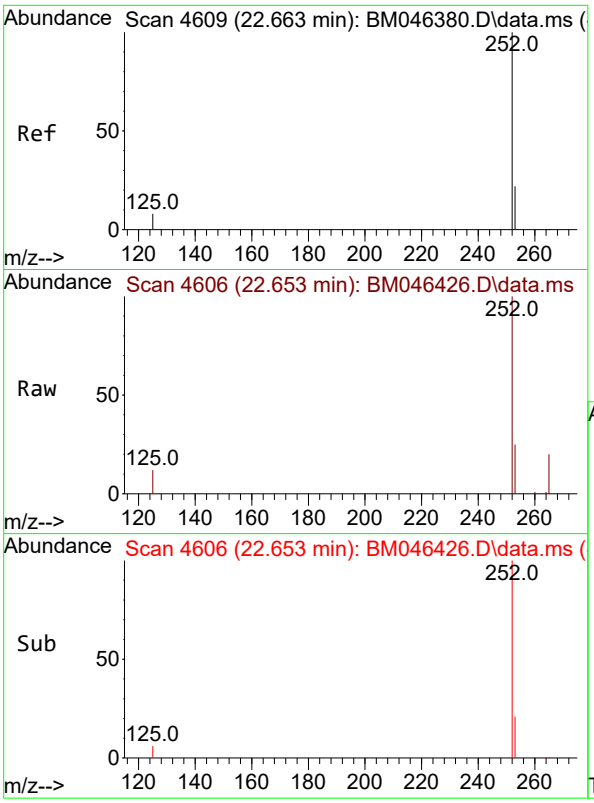


#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:228 Resp: 26005

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	19.9	15.8	23.6



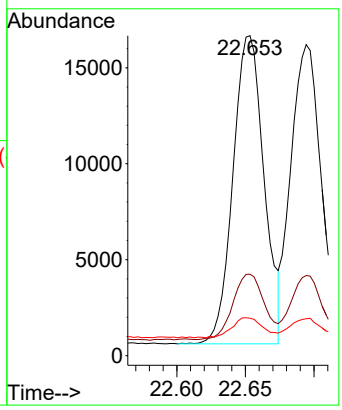


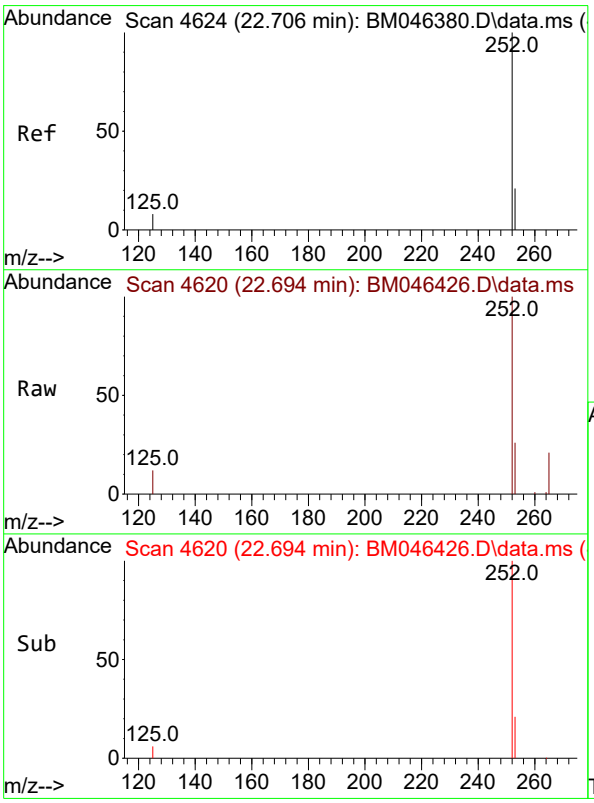
#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 22.653 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:252 Resp: 25228

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	47.0
125	11.7	0.0	18.4

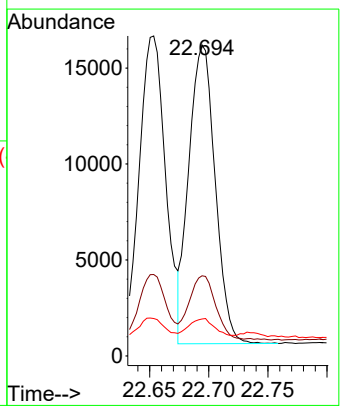


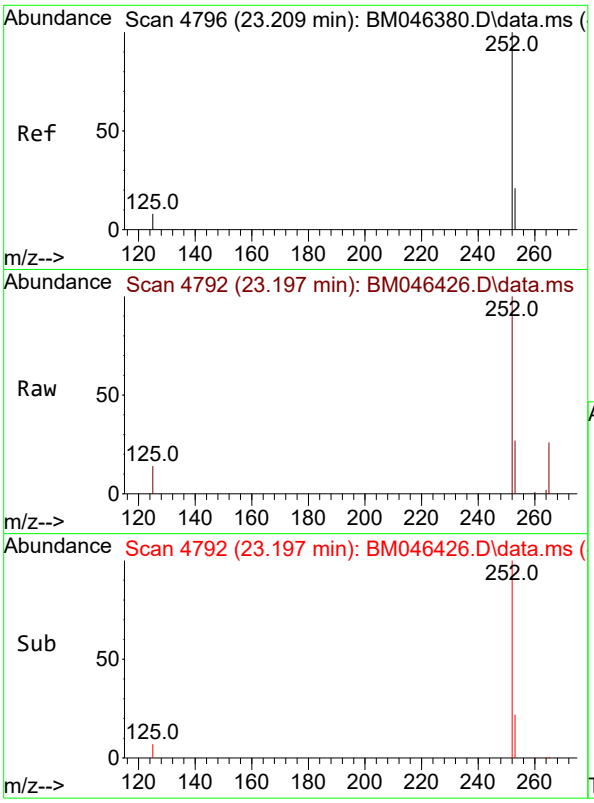


#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 22.694 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:252 Resp: 24079

Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.4	27.6
125	11.9	7.5	11.3#



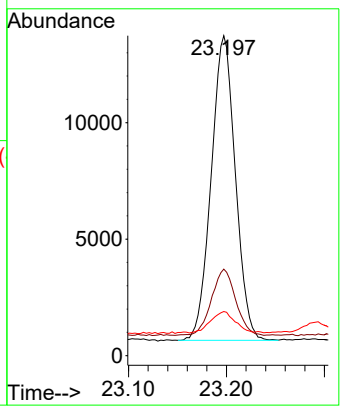


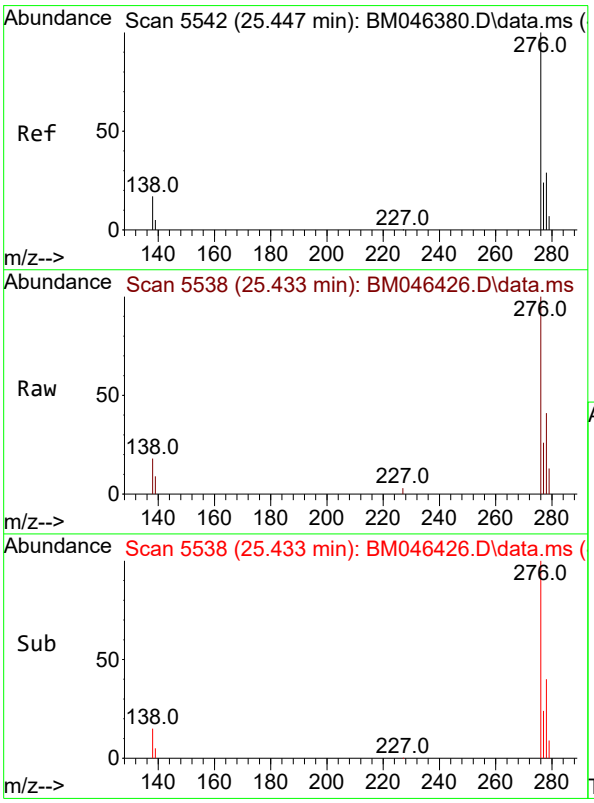
#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.197 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:252 Resp: 22394

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.9	28.3
125	13.8	8.1	12.1#

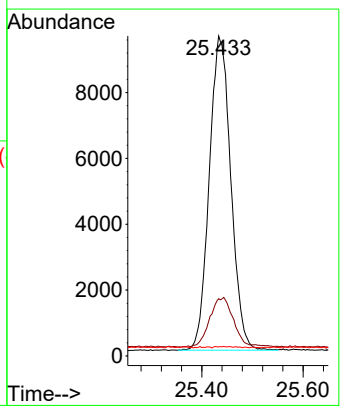


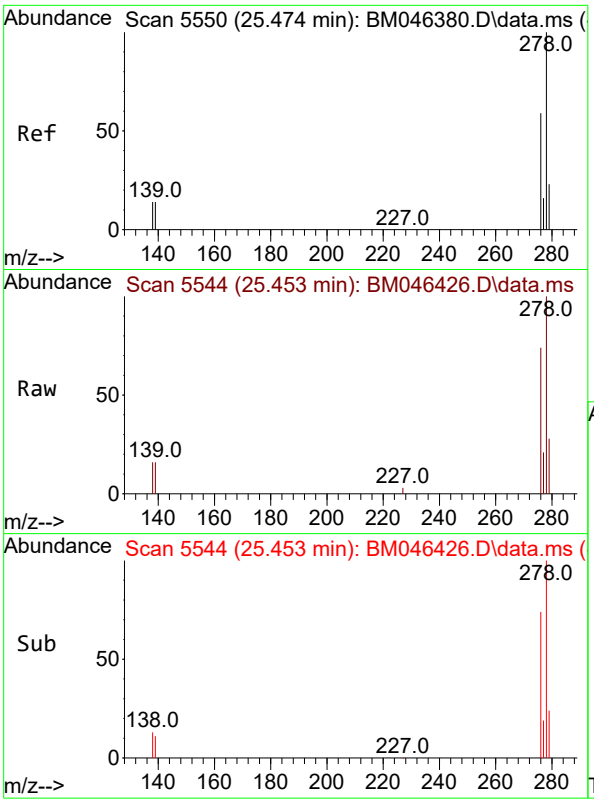


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.433 min Scan# 5538
Delta R.T. -0.014 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:276 Resp: 28185

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.7	23.5
227	0.3	0.1	0.1#



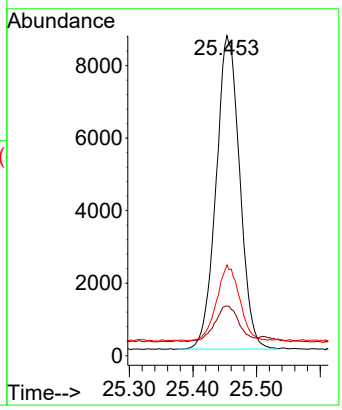


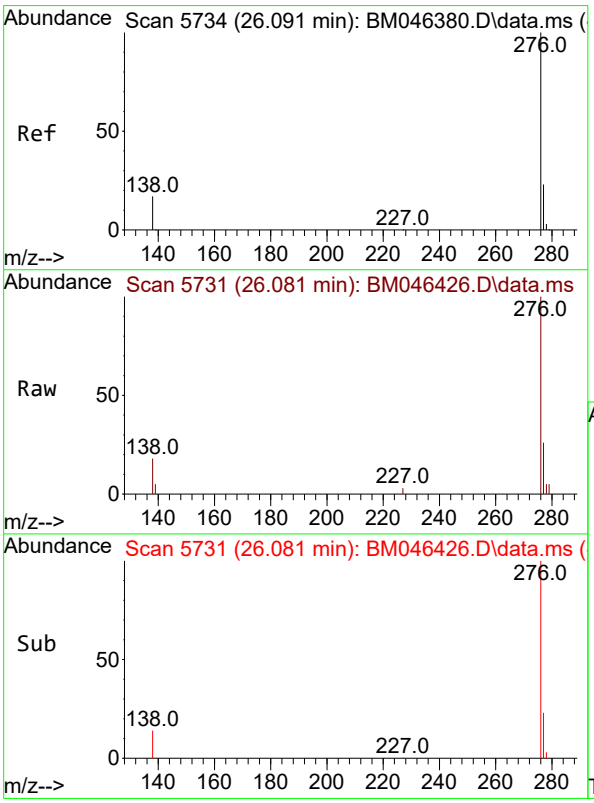
#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.453 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
SLCS679

Tgt Ion:278 Resp: 22358

Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	18.8
279	28.4	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.081 min Scan# 5731
Delta R.T. -0.010 min
Lab File: BM046426.D
Acq: 06 Jul 2024 19:28

Tgt Ion:276 Resp: 22984

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.4	23.0
277	26.2	19.7	29.5