Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046495.D
Acq On : 10 Jul 2024 04:34
Operator : MA/JU
Sample : PB161779BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS779

Quant Time: Jul 10 05:17:18 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 : Tue Jul 09 08:09:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	3976	0.400	ng/ul	0.00
4) Naphthalene-d8	10.282	136	10003	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.164	164	6464	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.917	188	12784	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.122	240	7101	0.400	ng/ul	# 0.00
23) Perylene-d12	23.267	264	7232	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.126	96	1803	0.439	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.882	152	5248	0.355	ng/ul	0.00
18) Fluoranthene-d10	18.956	212	9264	0.372	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.159	88	4722	1.015	ng/ul	88
5) Naphthalene	10.331	128	7850	0.296	ng/ul	100
7) 2-Methylnaphthalene	11.959	142	5668	0.316	ng/ul	100
8) 1-Methylnaphthalene	12.179	142	5608	0.303	ng/ul	100
10) Acenaphthylene	13.877	152	8635	0.263	ng/ul	99
11) Acenaphthene	14.224	153	6217	0.291	ng/ul	98
12) Fluorene	15.224	166	7296	0.289	ng/ul	99
14) Pentachlorophenol	16.571	266	2595	0.696	ng/ul	98
15) Phenanthrene	16.955	178	11008	0.288	ng/ul	100
16) Anthracene	17.048	178	10612	0.286	ng/ul	99
19) Fluoranthene	18.983	202	11766	0.328	ng/ul#	91
20) Pyrene	19.346	202	11894	0.322	ng/ul#	87
21) Benzo(a)anthracene	21.105	228	9551	0.301	ng/ul	99
22) Chrysene	21.157	228	9274	0.294	ng/ul	99
24) Benzo(b)fluoranthene	22.633	252	9314	0.303	ng/ul	92
25) Benzo(k)fluoranthene	22.674	252	9239	0.298	ng/ul#	92
26) Benzo(a)pyrene	23.174	252	8094	0.333	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.400	276	10982	0.335	ng/ul#	81
28) Dibenzo(a,h)anthracene	25.416	278	8554	0.337	ng/ul#	91
29) Benzo(g,h,i)perylene	26.040	276	8766	0.335	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070824\
Data File : BM046495.D
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Operator : MA/JU
Sample : PB161779BS
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 08:09:14 2024
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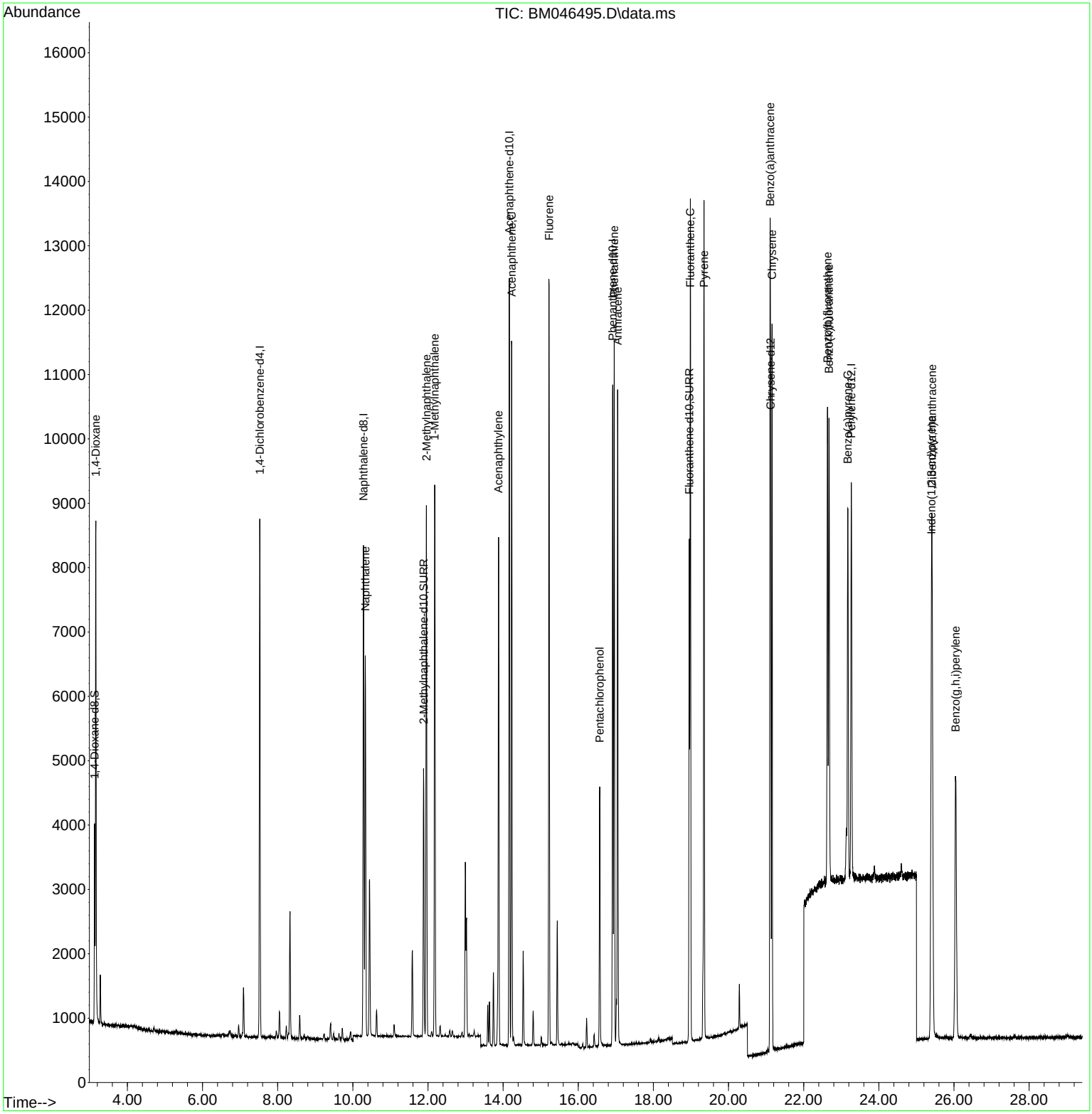
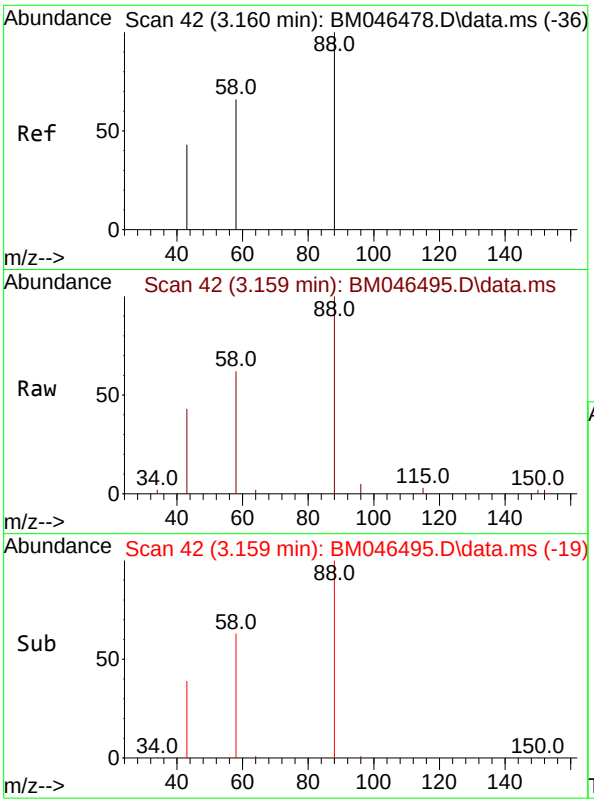


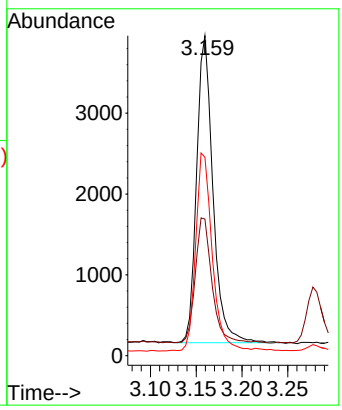


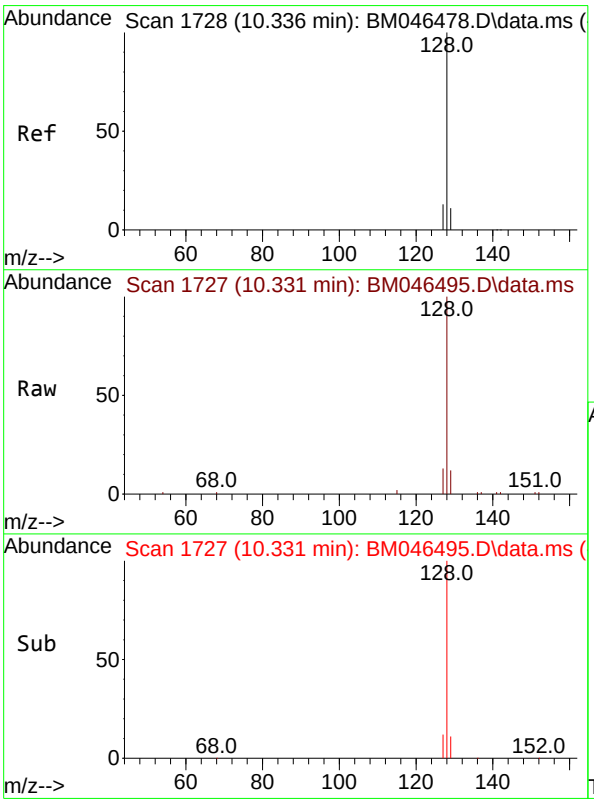
#2
1,4-Dioxane
Concen: 1.015 ng/ul
RT: 3.159 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion: 88 Resp: 4722

Ion	Ratio	Lower	Upper
88	100		
43	42.7	41.9	62.9
58	62.0	56.5	84.7

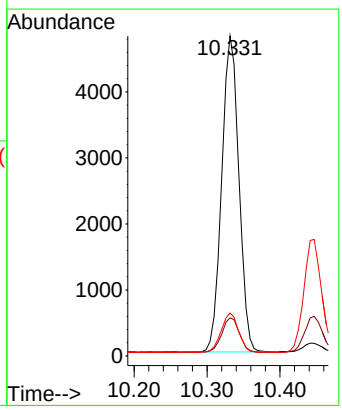


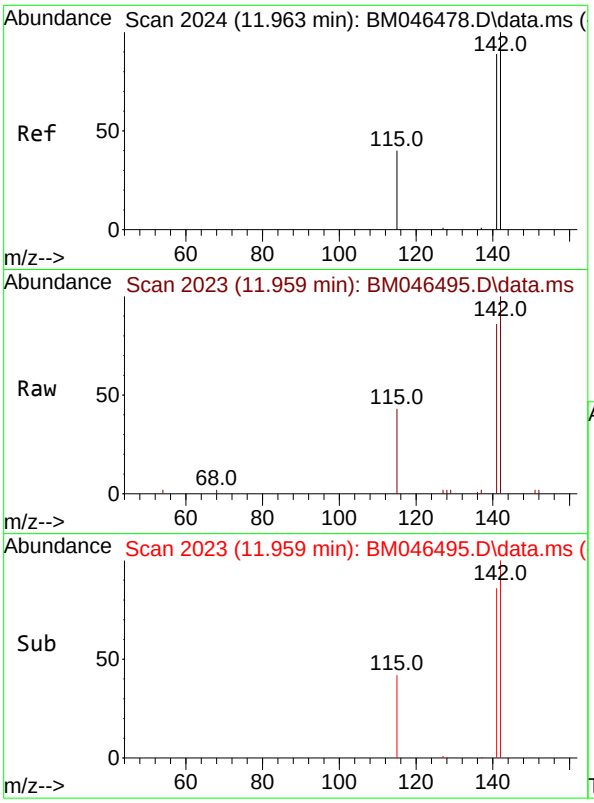


#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.331 min Scan# 1727
Delta R.T. -0.010 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:128 Resp: 7850

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.0
127	13.4	10.8	16.2



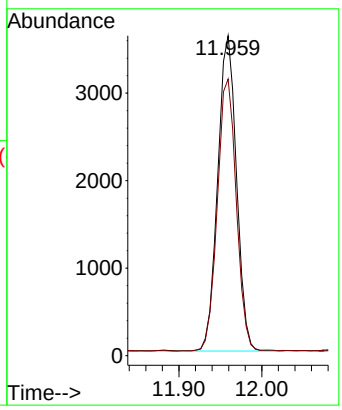


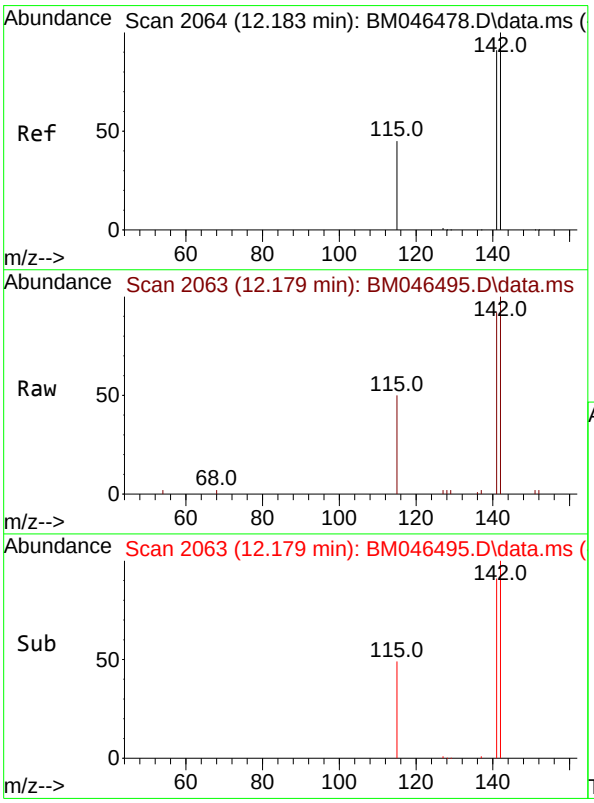
#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 11.959 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:142 Resp: 5668

Ion	Ratio	Lower	Upper
142	100		
141	87.3	69.8	104.6

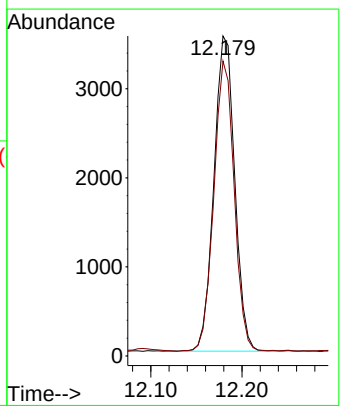


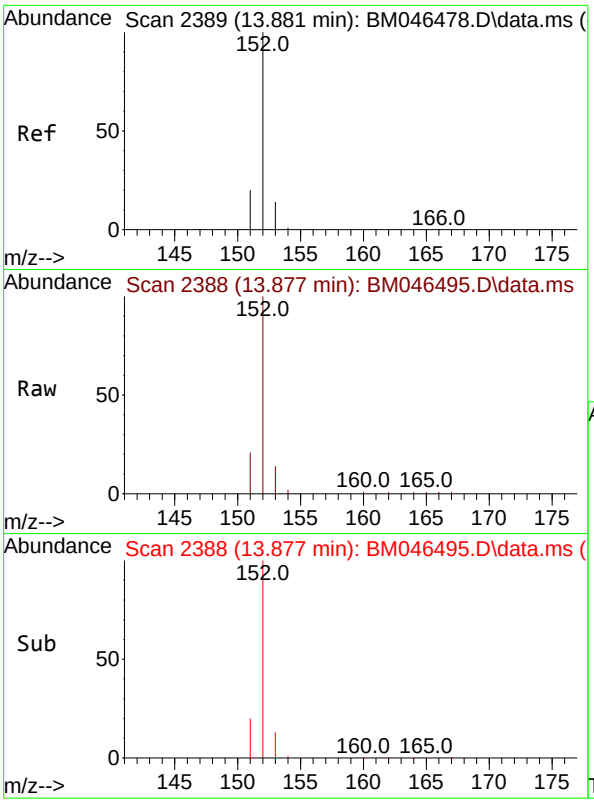


#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.179 min Scan# 2063
Delta R.T. -0.010 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:142 Resp: 5608

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.4	108.6



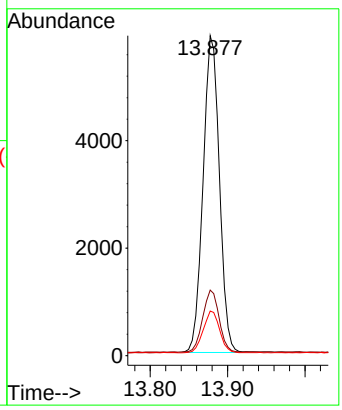


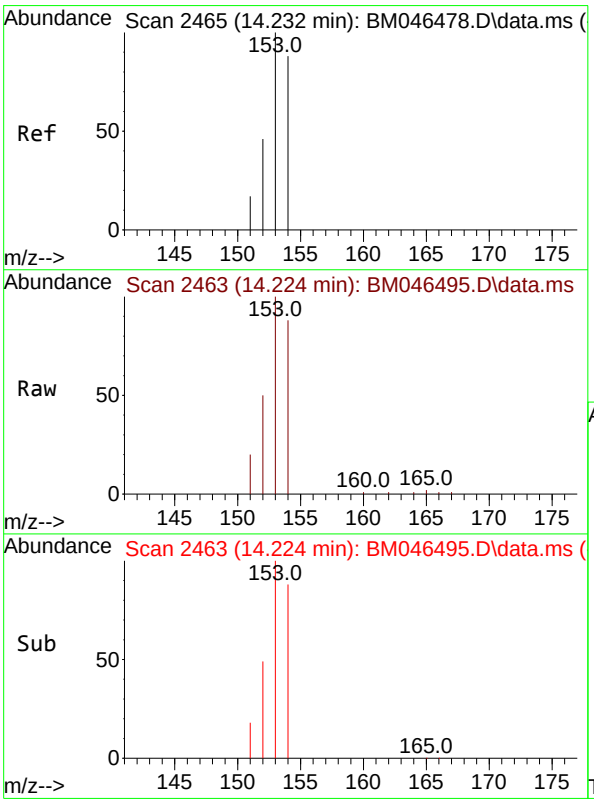
#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.877 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:152 Resp: 8635

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.9	23.9
153	14.0	11.0	16.6

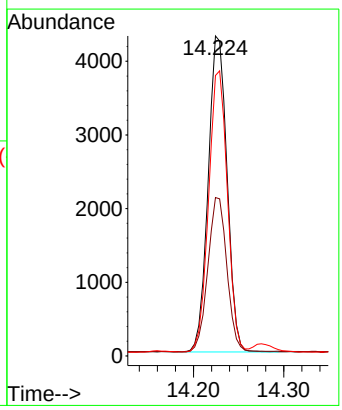


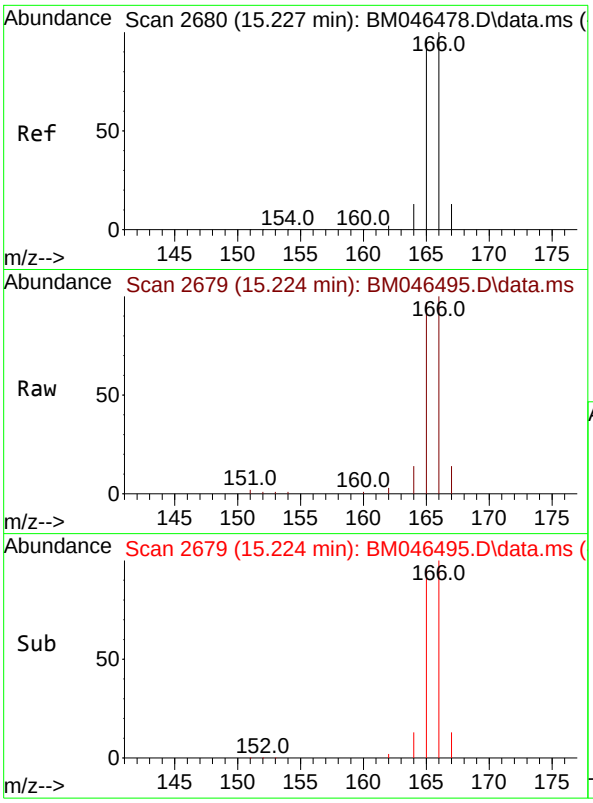


#11
Acenaphthene
Concen: 0.291 ng/ul
RT: 14.224 min Scan# 2463
Delta R.T. -0.008 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:153 Resp: 6217

Ion	Ratio	Lower	Upper
153	100		
152	49.5	40.4	60.6
154	87.6	72.1	108.1



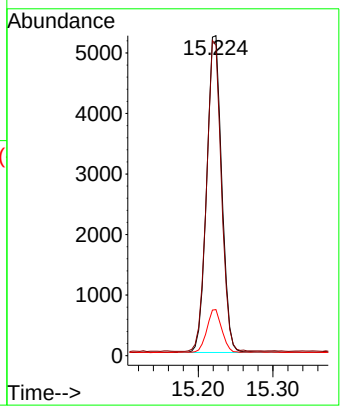


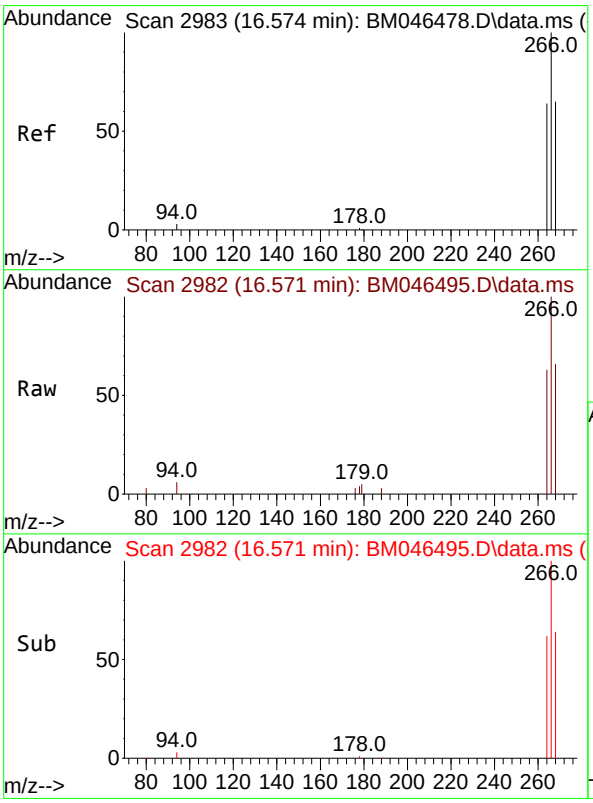
#12
Fluorene
Concen: 0.289 ng/ul
RT: 15.224 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:166 Resp: 7296

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.0	117.0
167	14.4	11.4	17.0

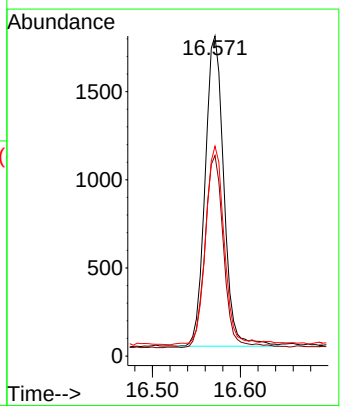


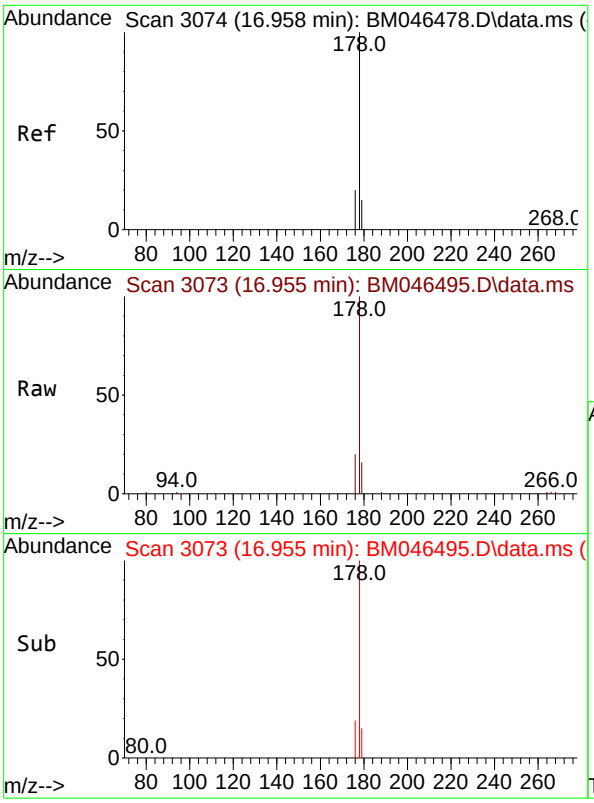


#14
Pentachlorophenol
Concen: 0.696 ng/ul
RT: 16.571 min Scan# 2982
Delta R.T. -0.003 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:266 Resp: 2595

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.0	76.6
268	63.6	50.8	76.2



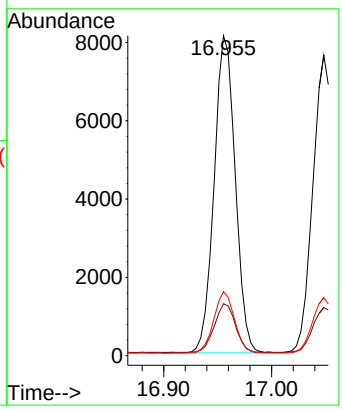


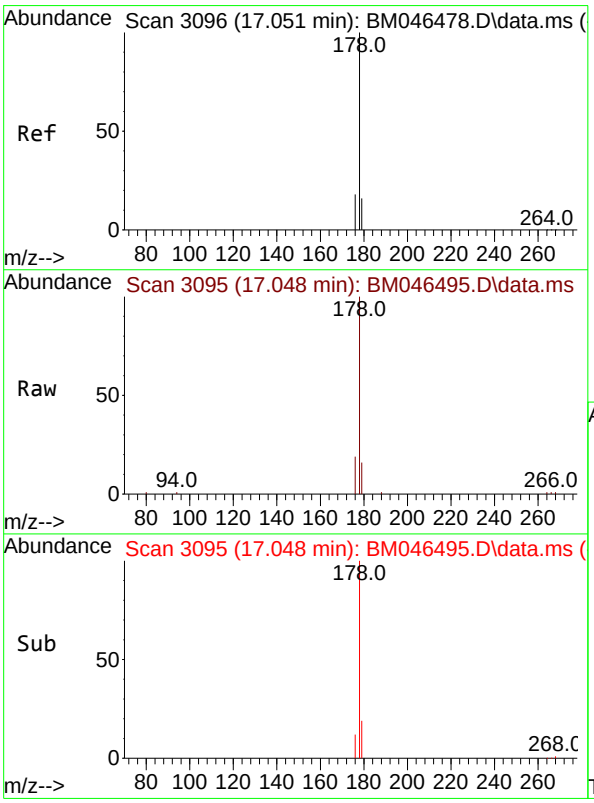
#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 16.955 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:178 Resp: 11008

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.7	19.1
176	20.0	16.0	24.0

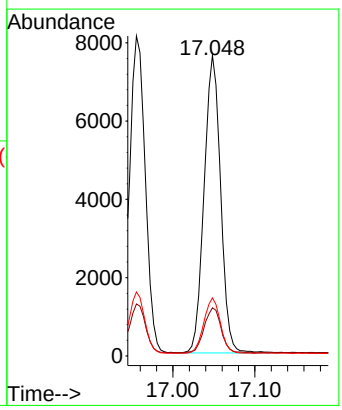


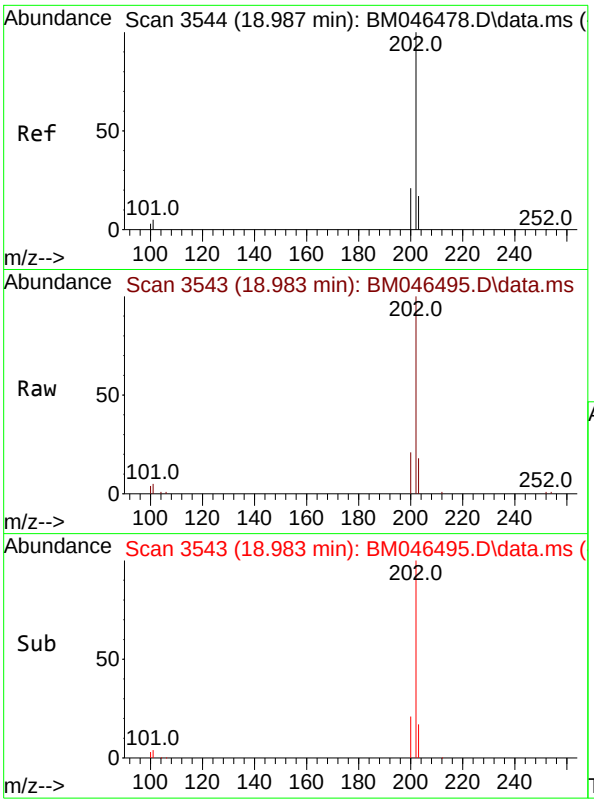


#16
Anthracene
Concen: 0.286 ng/ul
RT: 17.048 min Scan# 3095
Delta R.T. -0.003 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:178 Resp: 10612

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.3	14.9	22.3



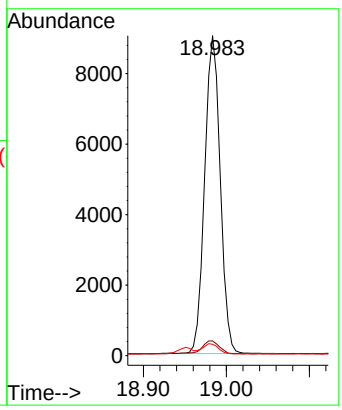


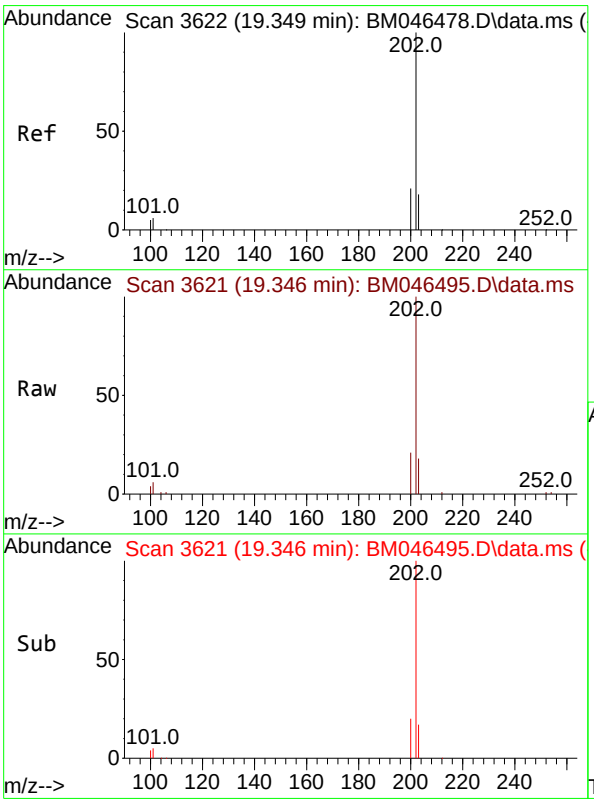
#19
Fluoranthene
Concen: 0.328 ng/ul
RT: 18.983 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:202 Resp: 11766

Ion	Ratio	Lower	Upper
202	100		
101	4.6	6.3	9.5#
100	3.6	5.0	7.6#

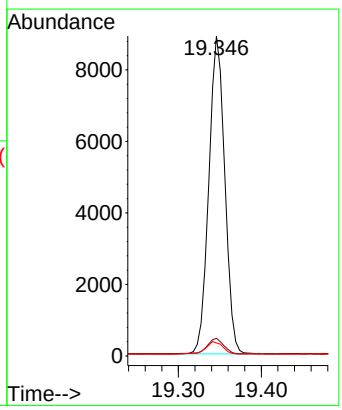


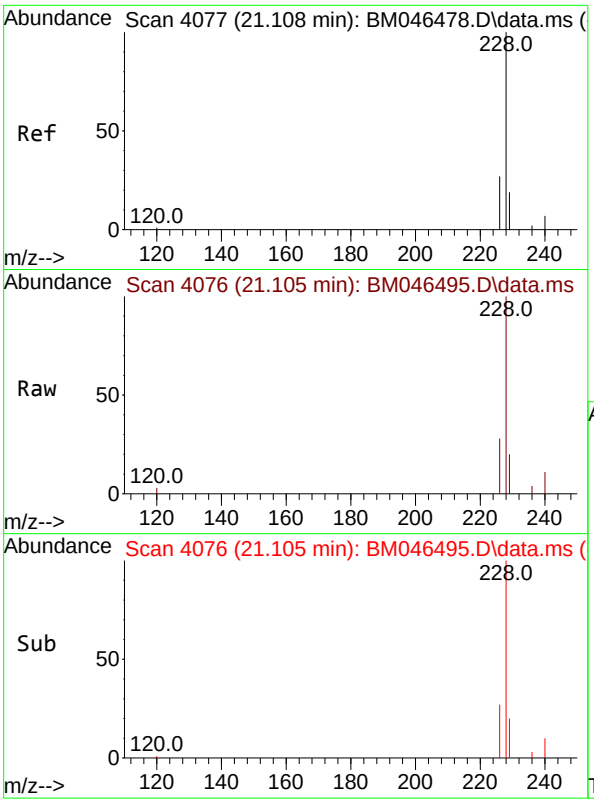


#20
Pyrene
Concen: 0.322 ng/ul
RT: 19.346 min Scan# 3621
Delta R.T. -0.008 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:202 Resp: 11894

Ion	Ratio	Lower	Upper
202	100		
101	5.5	8.2	12.4#
100	4.1	6.9	10.3#



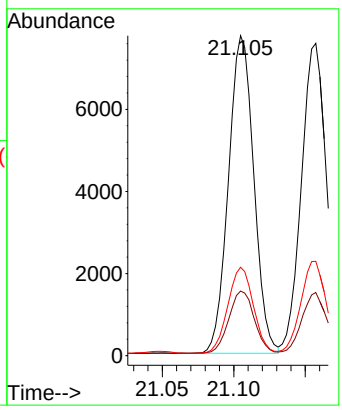


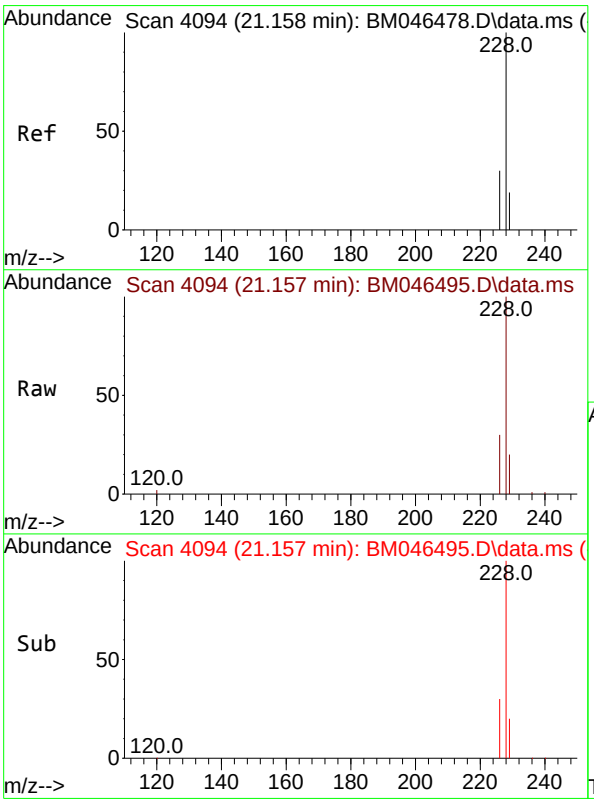
#21
Benzo(a)anthracene
Concen: 0.301 ng/ul
RT: 21.105 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:228 Resp: 9551

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	27.6	22.0	33.0

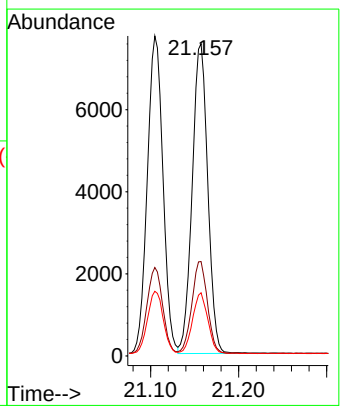


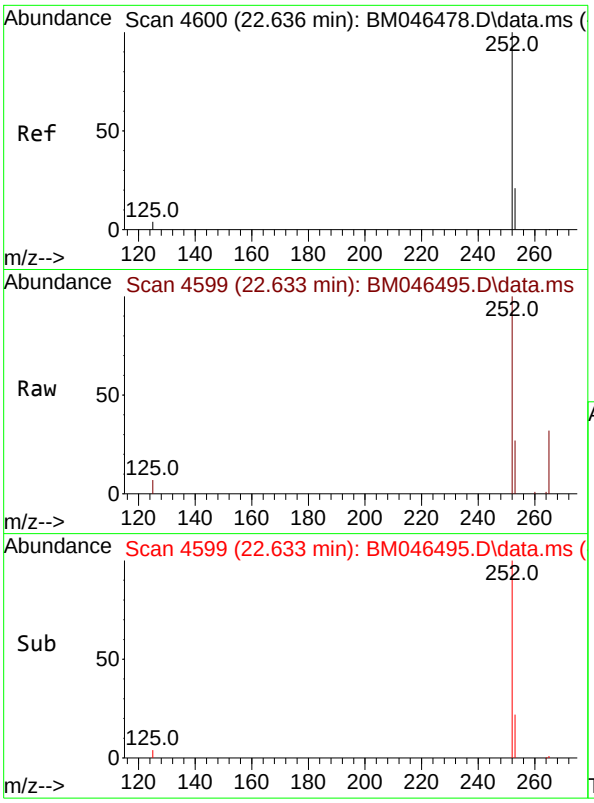


#22
Chrysene
Concen: 0.294 ng/ul
RT: 21.157 min Scan# 4094
Delta R.T. -0.006 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:228 Resp: 9274

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.3	15.8	23.6



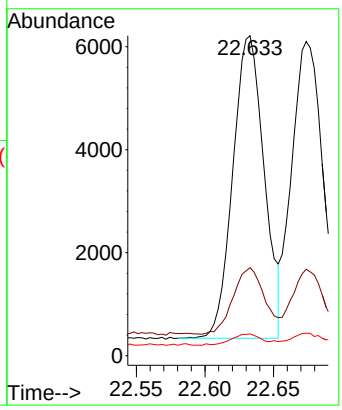


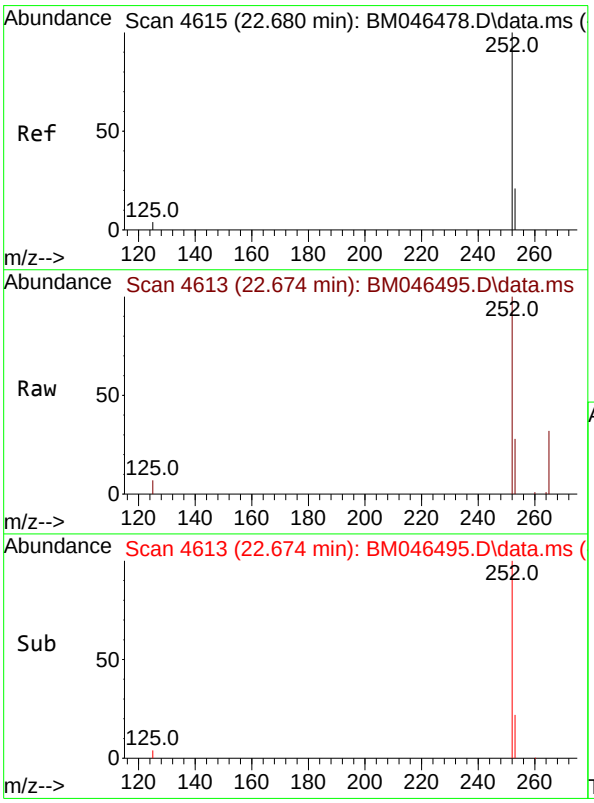
#24
Benzo(b)fluoranthene
Concen: 0.303 ng/ul
RT: 22.633 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:252 Resp: 9314

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	47.0
125	6.8	0.0	18.4

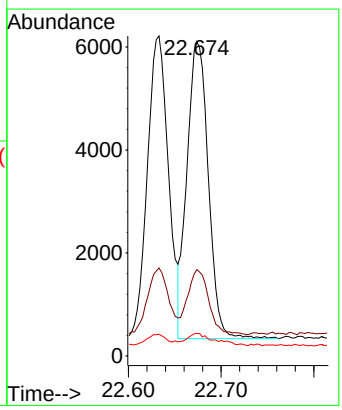


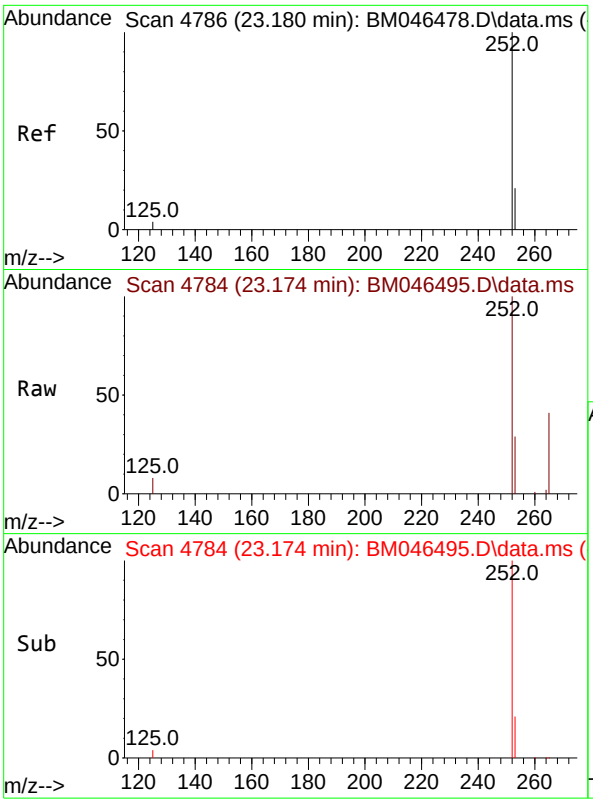


#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul
RT: 22.674 min Scan# 4613
Delta R.T. -0.009 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:252 Resp: 9239

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.4	27.6
125	7.1	7.5	11.3#



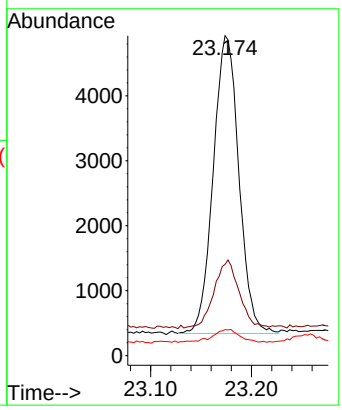


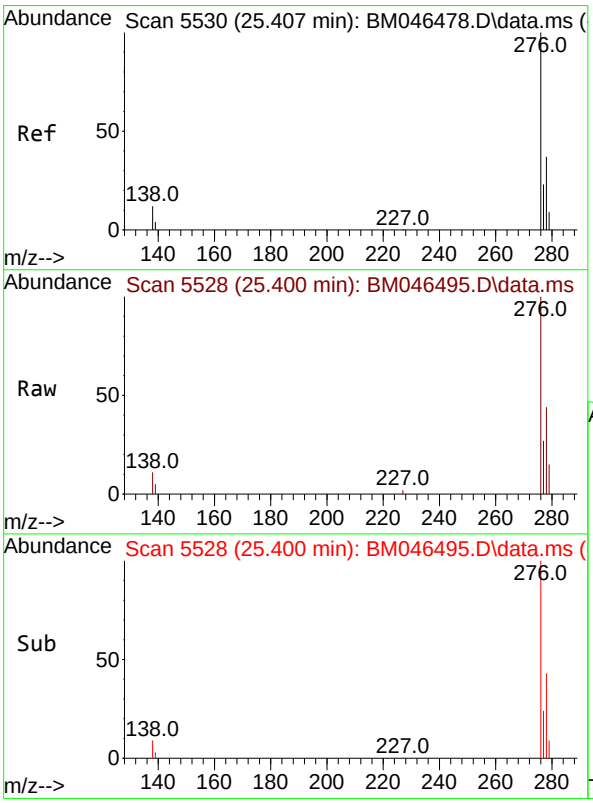
#26
Benzo(a)pyrene
Concen: 0.333 ng/ul
RT: 23.174 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:252 Resp: 8094

Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.9	28.3#
125	8.1	8.1	12.1

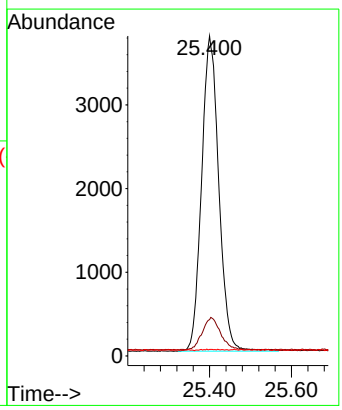


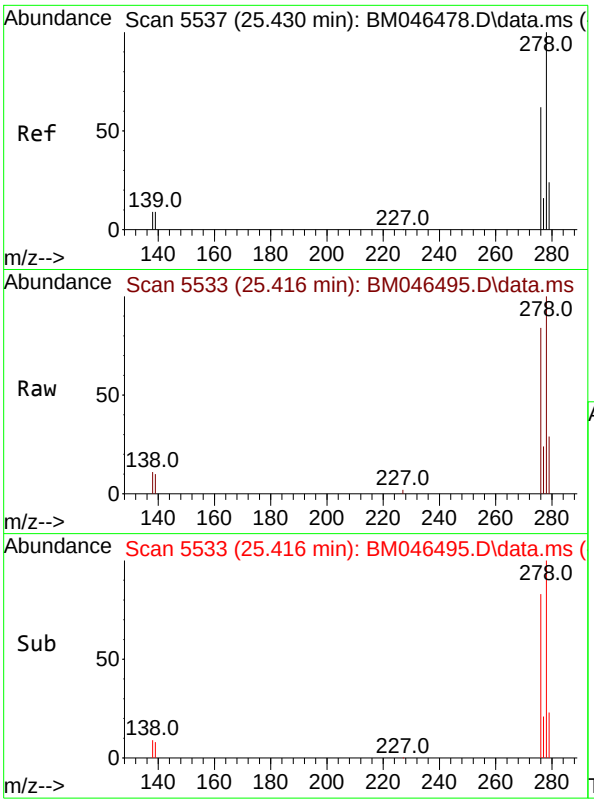


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 25.400 min Scan# 5528
Delta R.T. -0.014 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:276 Resp: 10982

Ion	Ratio	Lower	Upper
276	100		
138	10.7	15.7	23.5#
227	0.0	0.1	0.1#



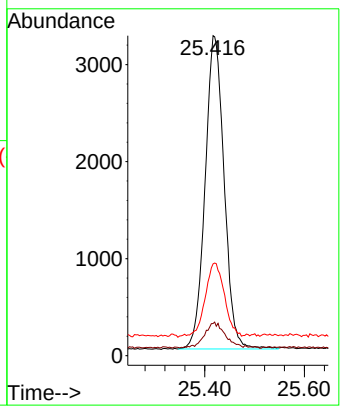


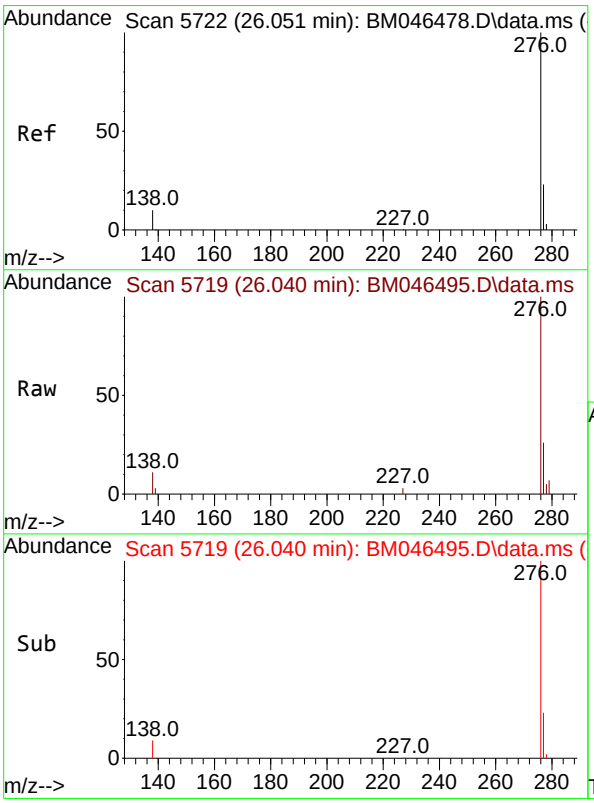
#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 25.416 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Instrument :
BNA_M
ClientSampleId :
SLCS779

Tgt Ion:278 Resp: 8554

Ion	Ratio	Lower	Upper
278	100		
139	10.0	12.6	18.8#
279	28.7	20.7	31.1





#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 26.040 min Scan# 5719
Delta R.T. -0.017 min
Lab File: BM046495.D
Acq: 10 Jul 2024 04:34

Tgt Ion:276 Resp: 8766

Ion	Ratio	Lower	Upper
276	100		
138	11.1	15.4	23.0#
277	25.8	19.7	29.5