Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046616.D
Acq On : 16 Jul 2024 03:27
Operator : MA/JU
Sample : PB161884BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS884

Quant Time: Jul 16 04:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	2571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	7206	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.144	164	5079	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	12519	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	9469	0.400	ng/ul	0.00
23) Perylene-d12	23.241	264	10631	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	11264	5.332	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.837	152	13226	1.138	ng/ul	-0.03
18) Fluoranthene-d10	18.936	212	9256	0.321	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.147	88	18295	8.115	ng/ul#	68
5) Naphthalene	10.308	128	511461	27.900	ng/ul	95
7) 2-Methylnaphthalene	11.936	142	381839	29.648	ng/ul	99
8) 1-Methylnaphthalene	12.161	142	375338	28.559	ng/ul	98
10) Acenaphthylene	13.862	152	657546	28.439	ng/ul	96
11) Acenaphthene	14.209	153	441380	28.494	ng/ul	95
12) Fluorene	15.204	166	581242	30.326	ng/ul	98
14) Pentachlorophenol	16.553	266	152938	24.108	ng/ul	99
15) Phenanthrene	16.941	178	981287	27.468	ng/ul	98
16) Anthracene	17.030	178	915032	26.247	ng/ul	97
19) Fluoranthene	18.968	202	1246925	32.060	ng/ul	99
20) Pyrene	19.331	202	1241445	29.481	ng/ul	99
21) Benzo(a)anthracene	21.091	228	1186430	28.323	ng/ul	98
22) Chrysene	21.140	228	1086608	26.808	ng/ul	99
24) Benzo(b)fluoranthene	22.610	252	1220306	28.738	ng/ul	89
25) Benzo(k)fluoranthene	22.654	252	1136139	27.253	ng/ul#	89
26) Benzo(a)pyrene	23.154	252	983244	28.134	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.377	276	1298277	24.411	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.387	278	1010636	24.003	ng/ul#	91
29) Benzo(g,h,i)perylene	26.014	276	1030015	24.273	ng/ul	95

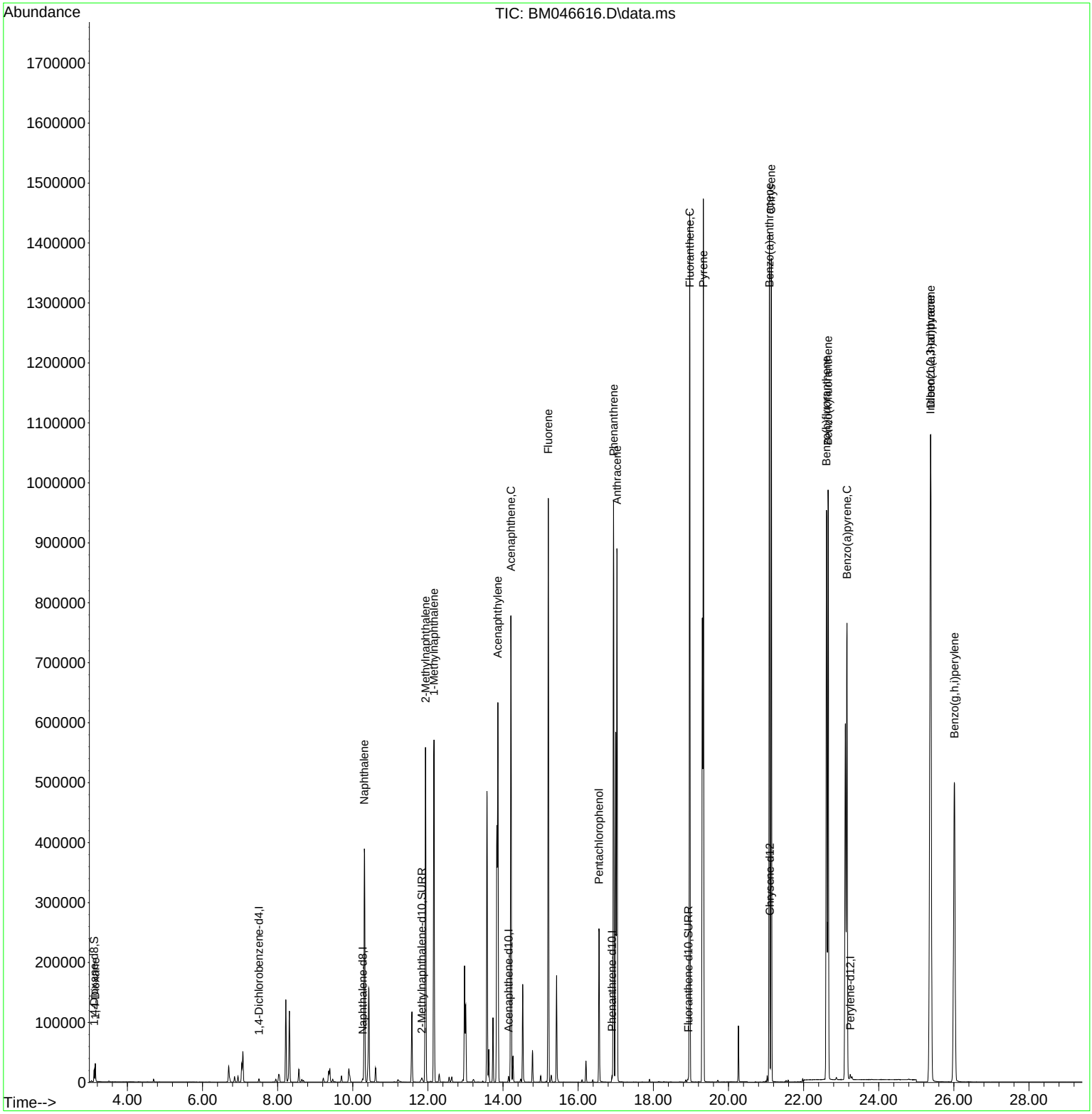
(#) = qualifier out of range (m) = manual integration (+) = signals summed

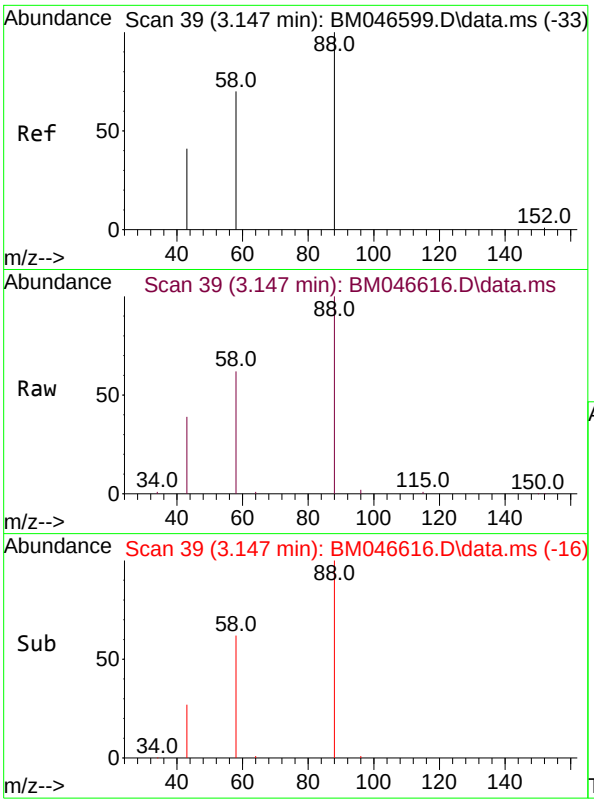
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046616.D
Acq On : 16 Jul 2024 03:27
Operator : MA/JU
Sample : PB161884BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS884

Quant Time: Jul 16 04:01:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



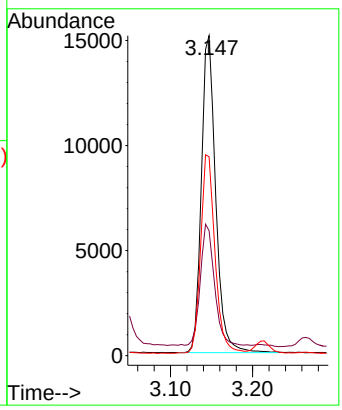


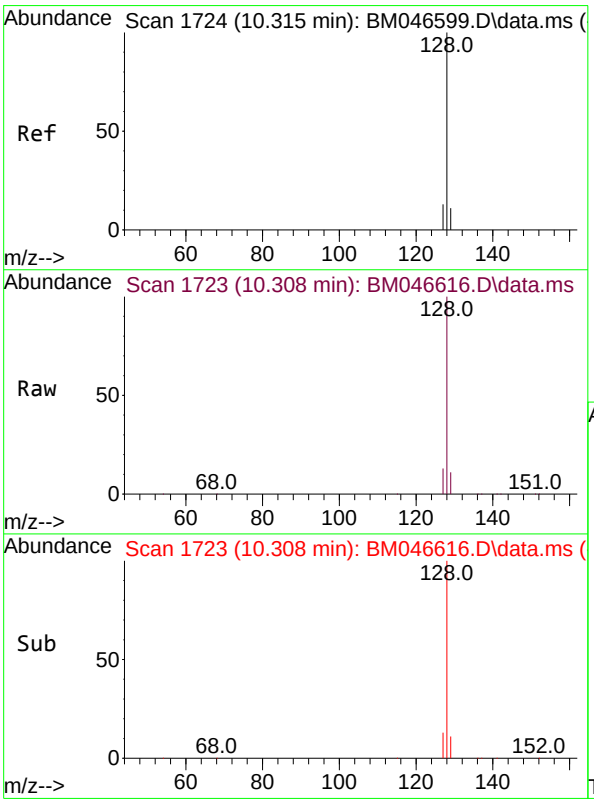
#2
1,4-Dioxane
Concen: 8.115 ng/ul
RT: 3.147 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion: 88 Resp: 18295

Ion	Ratio	Lower	Upper
88	100		
43	39.1	70.2	105.4#
58	62.2	48.2	72.4

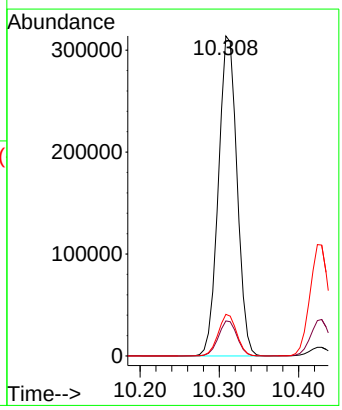


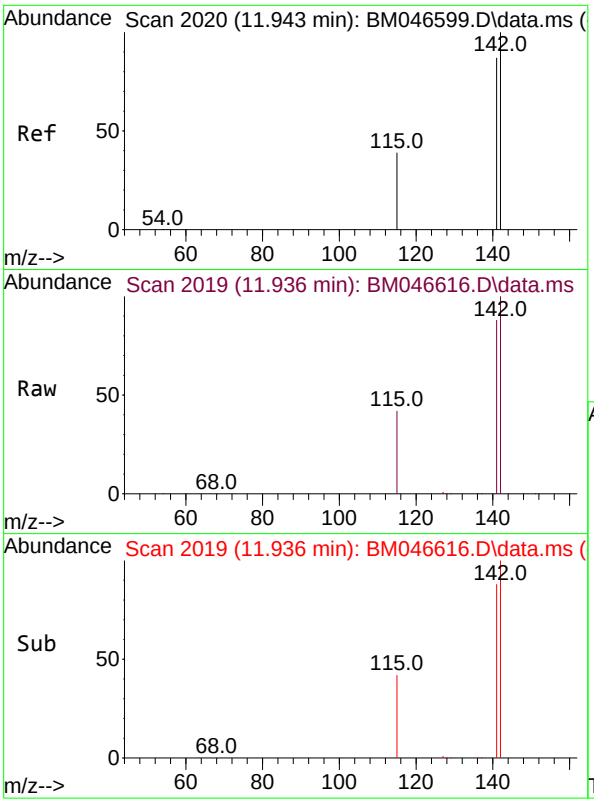


#5
Naphthalene
Concen: 27.900 ng/ul
RT: 10.308 min Scan# 1723
Delta R.T. -0.007 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:128 Resp: 511461

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.3	15.5
127	13.0	12.2	18.4



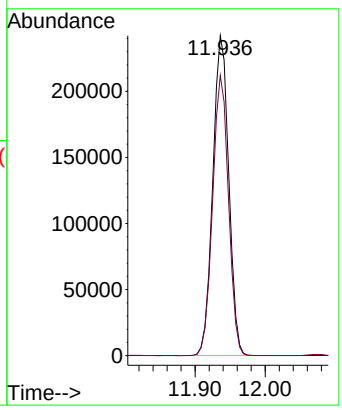


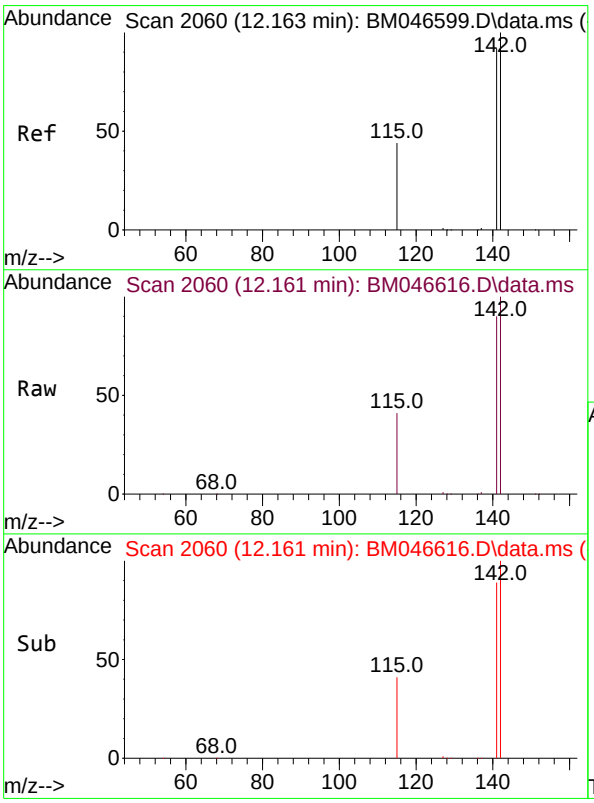
#7
2-Methylnaphthalene
Concen: 29.648 ng/ul
RT: 11.936 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:142 Resp: 381839

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.3	105.5

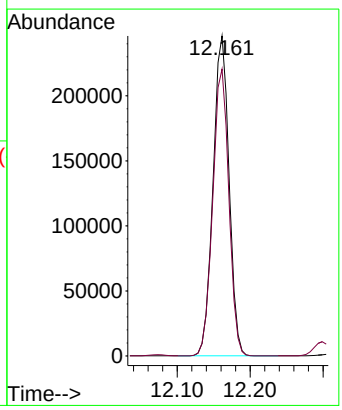


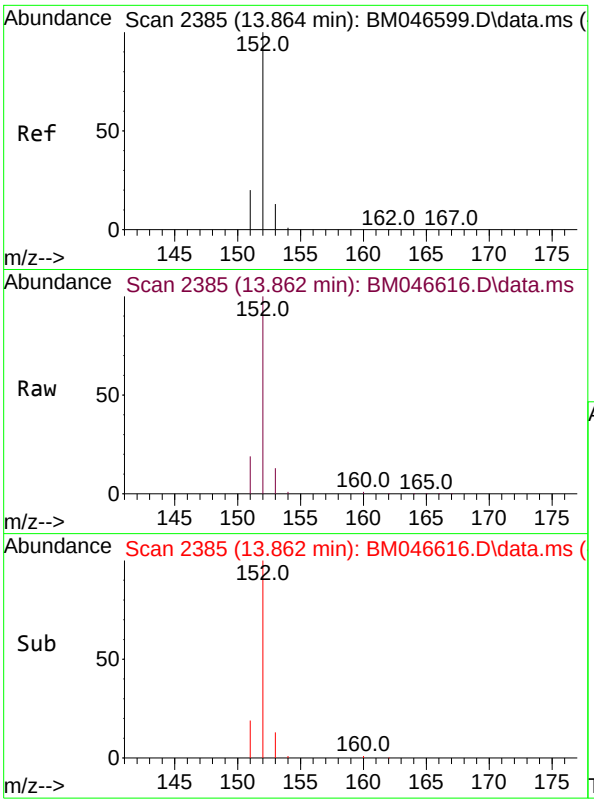


#8
1-Methylnaphthalene
Concen: 28.559 ng/ul
RT: 12.161 min Scan# 2060
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:142 Resp: 375338

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.9	110.9



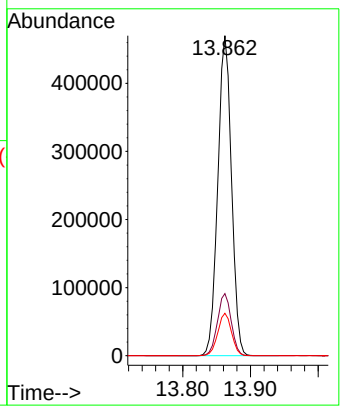


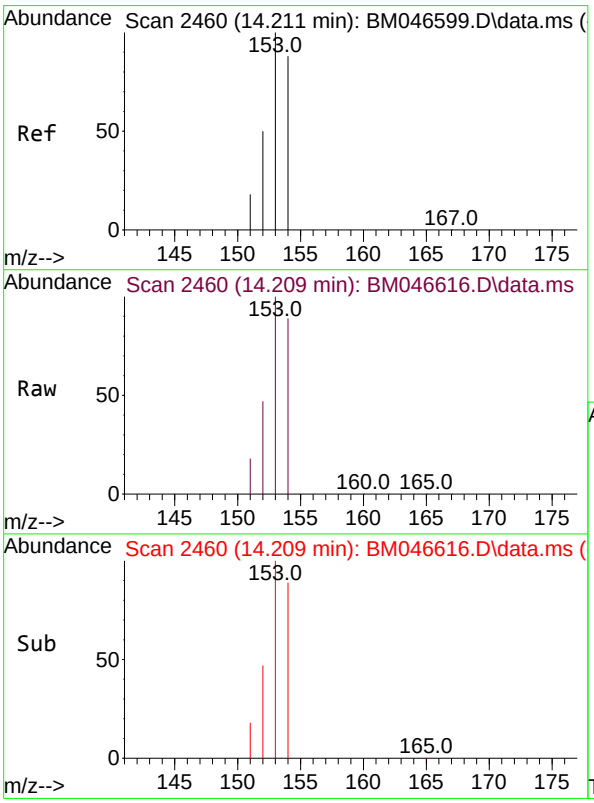
#10
Acenaphthylene
Concen: 28.439 ng/ul
RT: 13.862 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:152 Resp: 657546

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.4	24.6
153	13.3	12.4	18.6

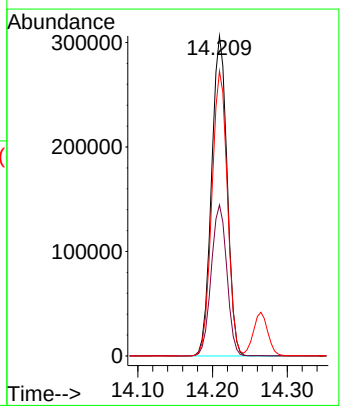


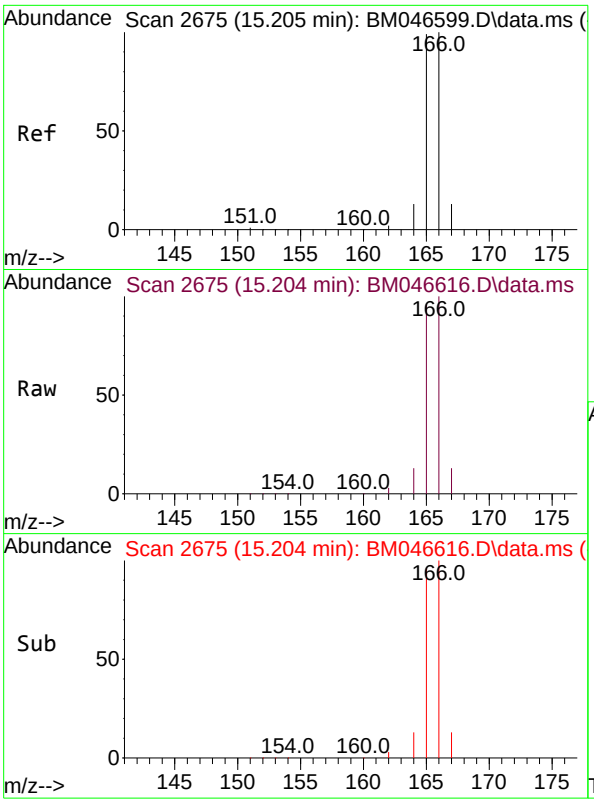


#11
Acenaphthene
Concen: 28.494 ng/ul
RT: 14.209 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:153 Resp: 441380

Ion	Ratio	Lower	Upper
153	100		
152	47.2	43.0	64.6
154	89.1	69.9	104.9



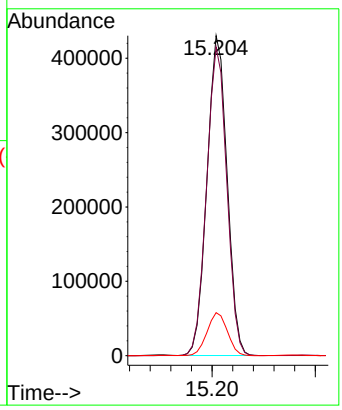


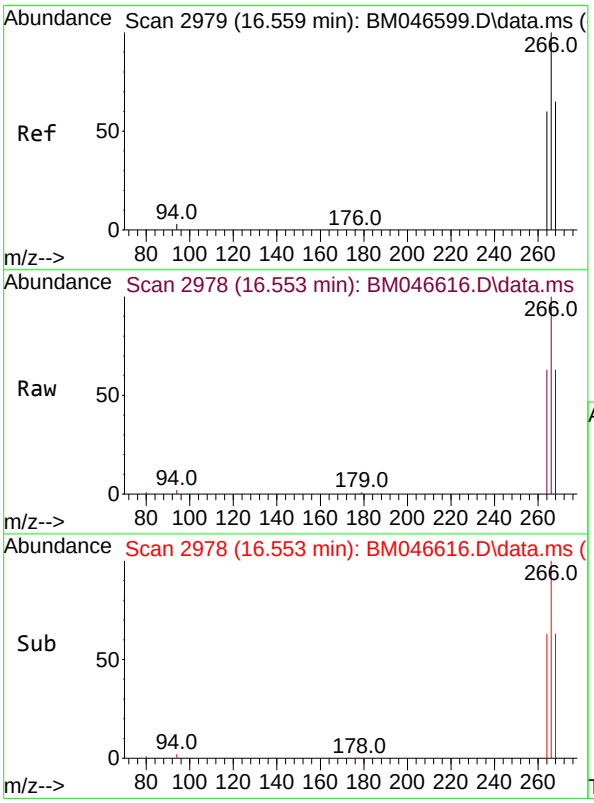
#12
Fluorene
Concen: 30.326 ng/ul
RT: 15.204 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:166 Resp: 581242

Ion	Ratio	Lower	Upper
166	100		
165	96.5	76.1	114.1
167	13.5	12.5	18.7

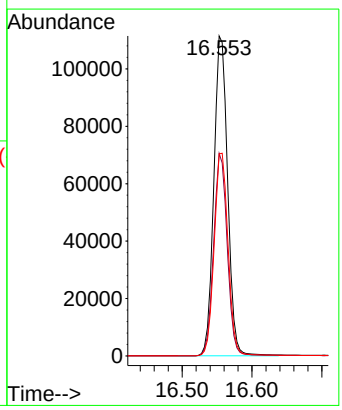


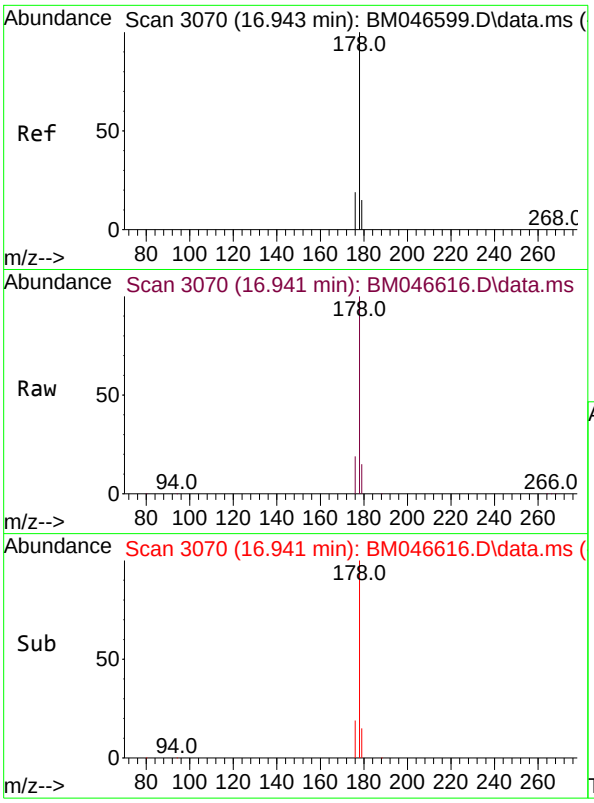


#14
Pentachlorophenol
Concen: 24.108 ng/ul
RT: 16.553 min Scan# 2978
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:266 Resp: 152938

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.1	75.1
268	63.9	52.5	78.7



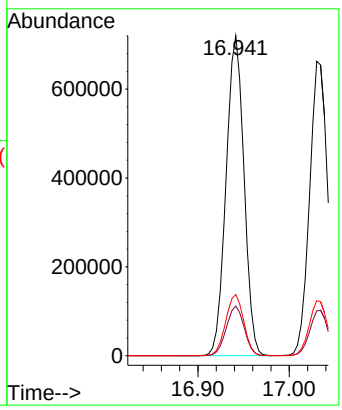


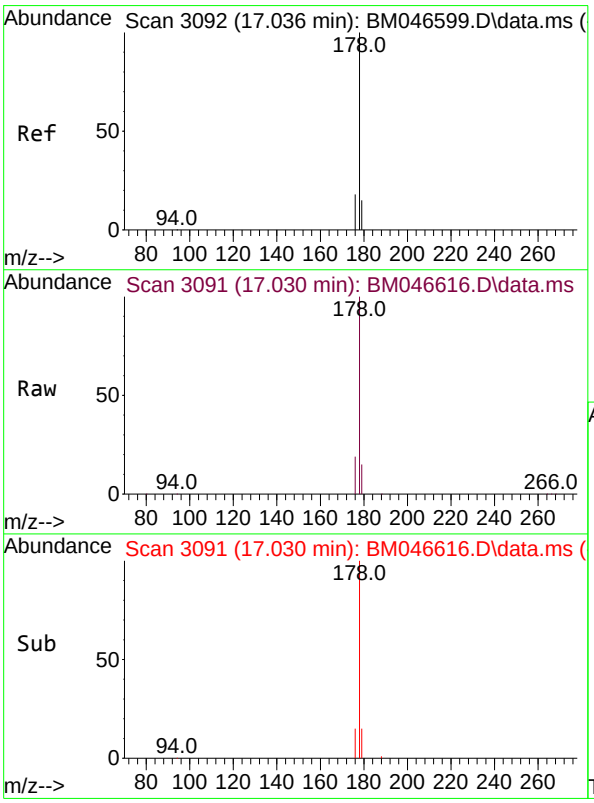
#15
Phenanthrene
Concen: 27.468 ng/ul
RT: 16.941 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:178 Resp: 981287

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	19.1	16.0	24.0

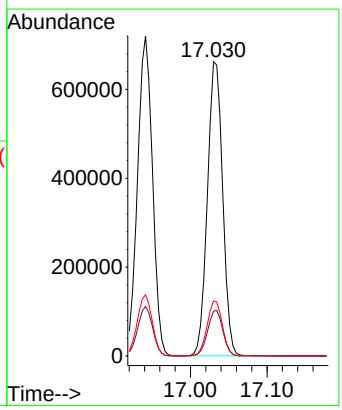


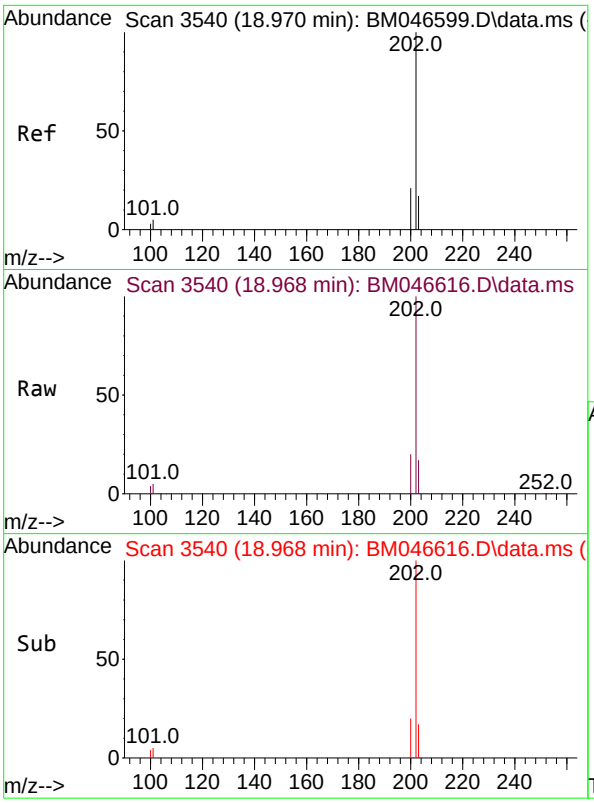


#16
Anthracene
Concen: 26.247 ng/ul
RT: 17.030 min Scan# 3091
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:178 Resp: 915032

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.5	20.3
176	18.7	15.7	23.5



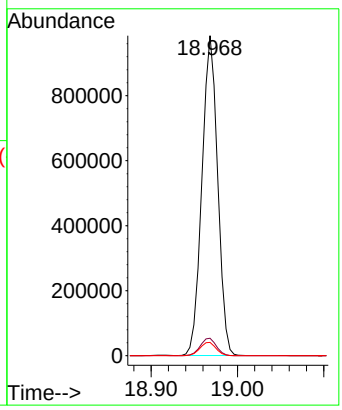


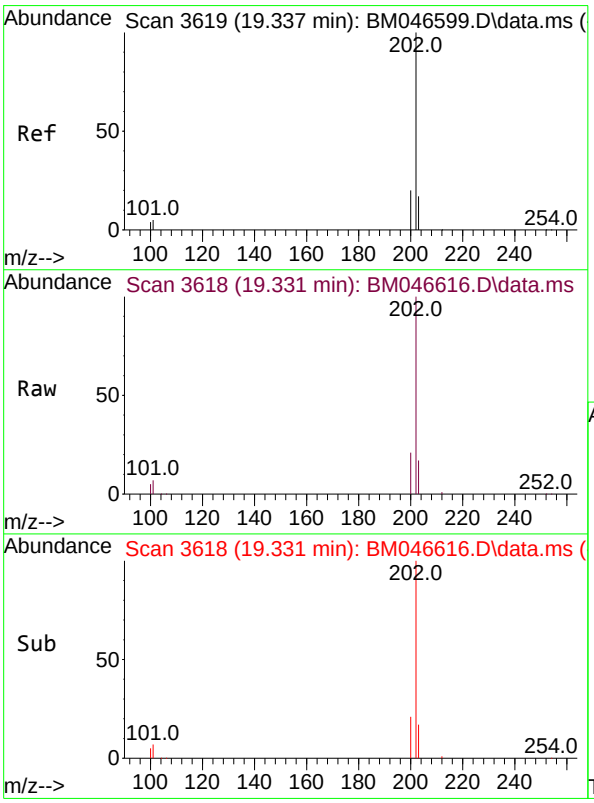
#19
Fluoranthene
Concen: 32.060 ng/ul
RT: 18.968 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:202 Resp: 1246925

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	6.8
100	4.2	3.0	4.6

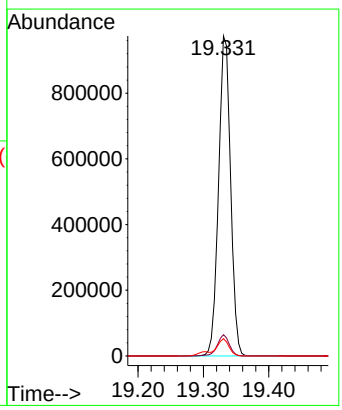


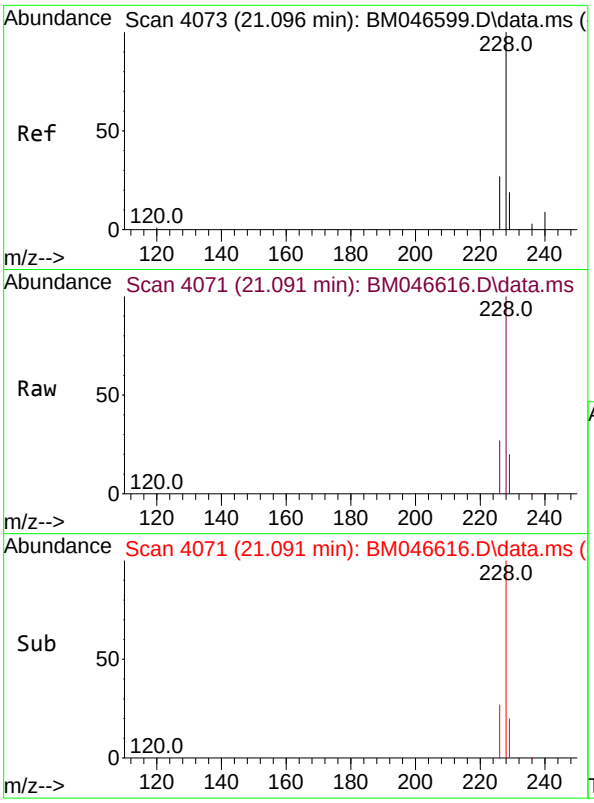


#20
Pyrene
Concen: 29.481 ng/ul
RT: 19.331 min Scan# 3618
Delta R.T. -0.002 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:202 Resp: 1241445

Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.1	7.7
100	5.4	3.8	5.6



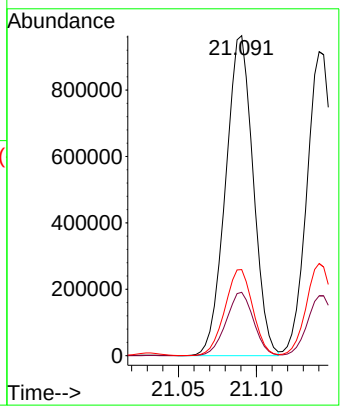


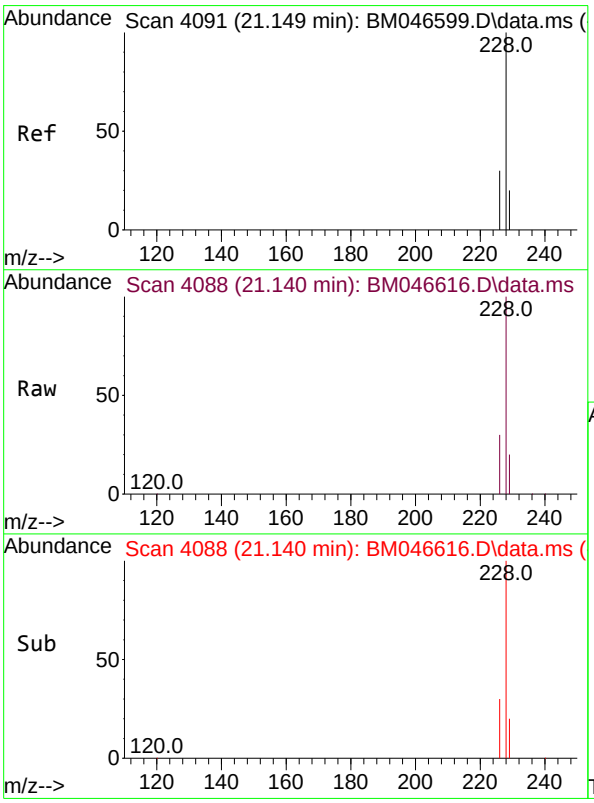
#21
Benzo(a)anthracene
Concen: 28.323 ng/ul
RT: 21.091 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:228 Resp: 1186430

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.5	24.7
226	26.9	22.5	33.7

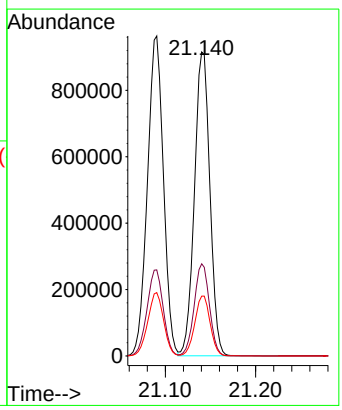


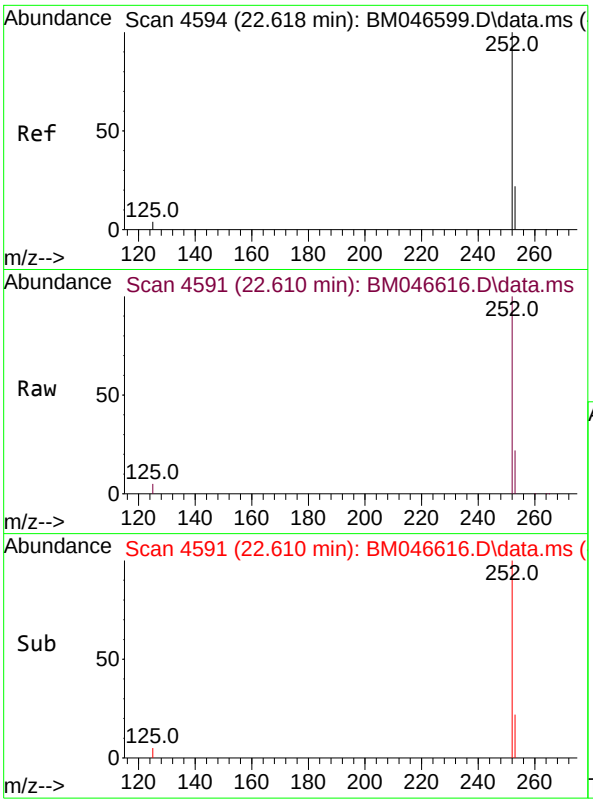


#22
Chrysene
Concen: 26.808 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:228 Resp: 1086608

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.7	16.4	24.6



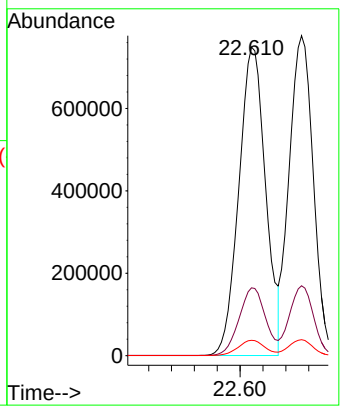


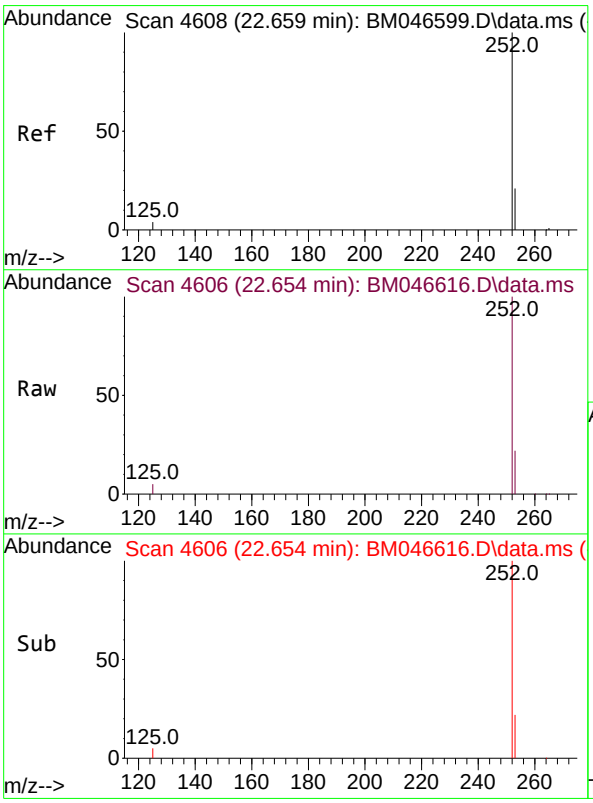
#24
Benzo(b)fluoranthene
Concen: 28.738 ng/ul
RT: 22.610 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:252 Resp: 1220306

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	56.2
125	5.0	0.0	17.8

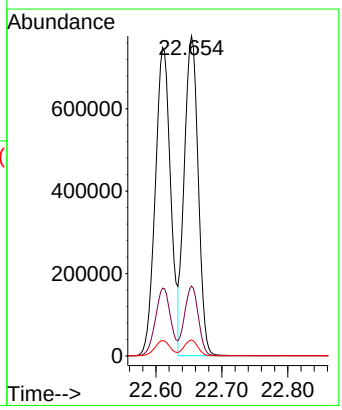


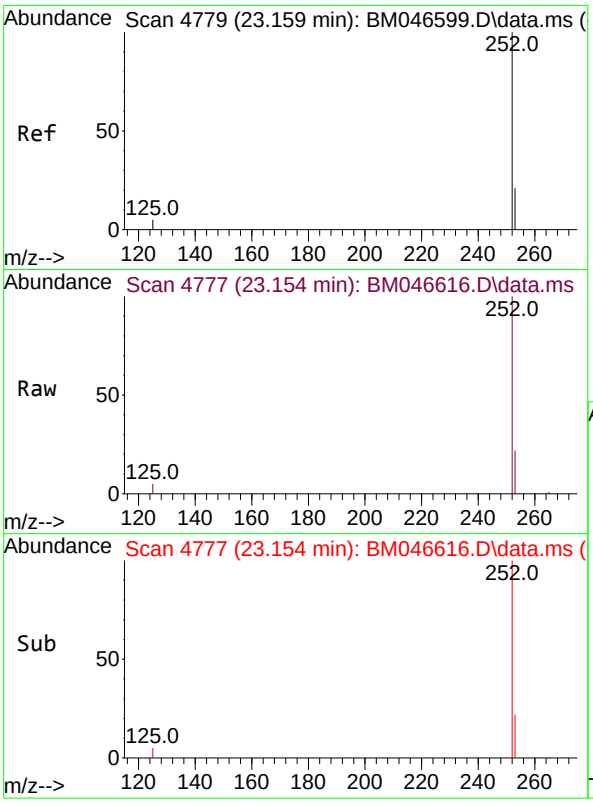


#25
Benzo(k)fluoranthene
Concen: 27.253 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:252 Resp: 1136139

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.4	33.6#
125	5.0	7.0	10.4#



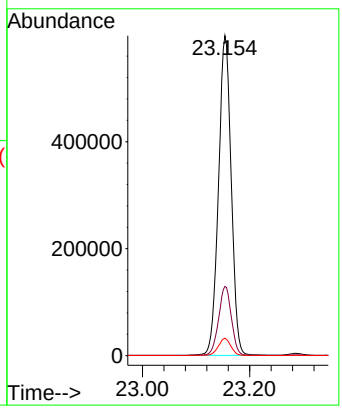


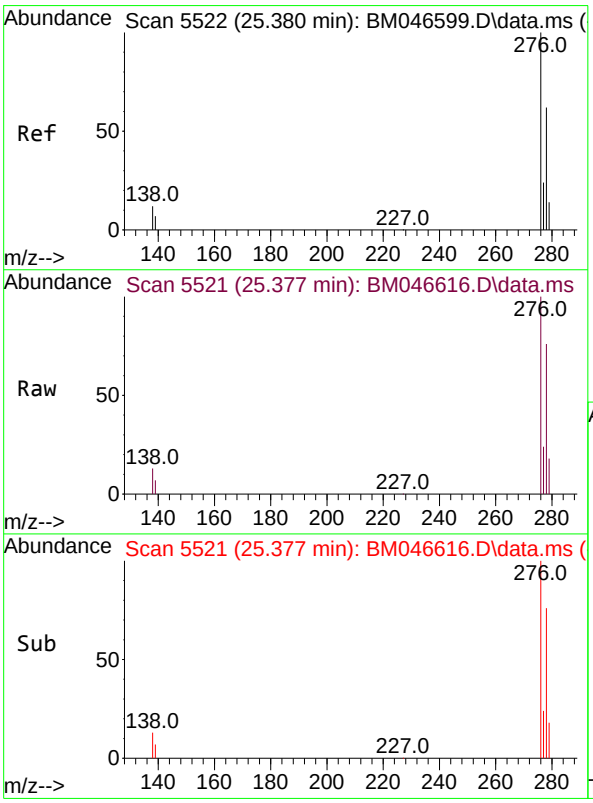
#26
Benzo(a)pyrene
Concen: 28.134 ng/ul
RT: 23.154 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:252 Resp: 983244

Ion	Ratio	Lower	Upper
252	100		
253	21.6	24.0	36.0#
125	5.4	8.2	12.2#

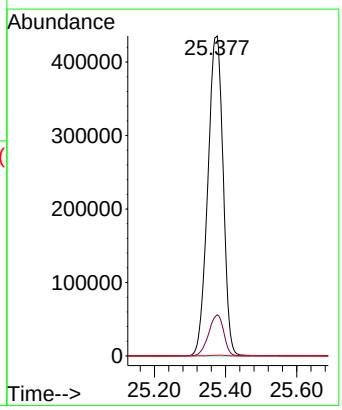


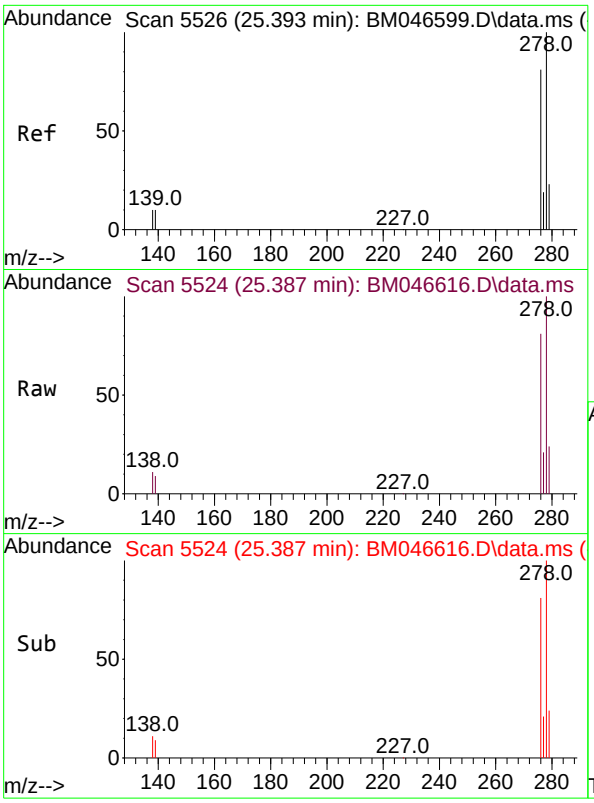


#27
Indeno(1,2,3-cd)pyrene
Concen: 24.411 ng/ul
RT: 25.377 min Scan# 5521
Delta R.T. 0.017 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:276 Resp: 1298277

Ion	Ratio	Lower	Upper
276	100		
138	12.7	0.0	0.0#
227	0.2	0.2	0.2



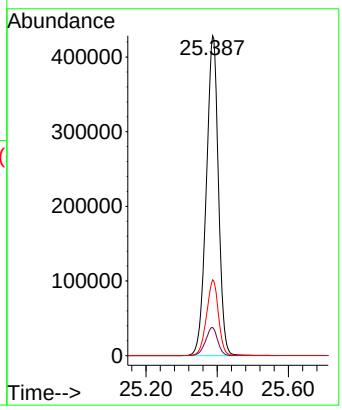


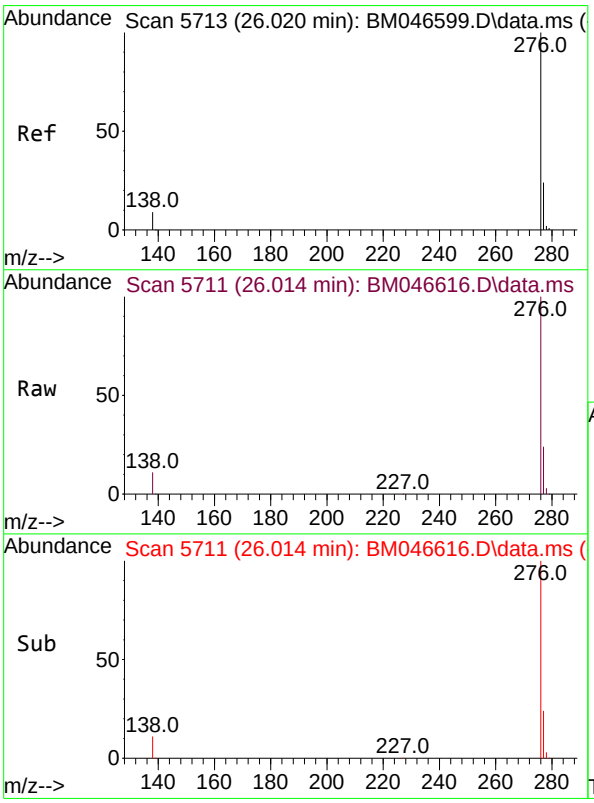
#28
Dibenzo(a,h)anthracene
Concen: 24.003 ng/ul
RT: 25.387 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Instrument :
BNA_M
ClientSampleId :
SLCS884

Tgt Ion:278 Resp: 1010636

Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.1	13.7#
279	23.7	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 24.273 ng/ul
RT: 26.014 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM046616.D
Acq: 16 Jul 2024 03:27

Tgt Ion:276 Resp: 1030015

Ion	Ratio	Lower	Upper
276	100		
138	11.0	10.2	15.4
277	23.6	20.9	31.3