Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042258.D
Acq On : 10 Oct 2023 19:34
Operator : MA/JU
Sample : PB156057BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS057

Quant Time: Oct 11 00:47:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 14:01:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	4213	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	10589	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	4709	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	8859	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.597	240	3771	0.400	ng/ul	0.00
23) Perylene-d12	24.073	264	3726	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3957	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4966	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	6015	0.425	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	11708	1.998	ng/ul#	76
5) Naphthalene	10.894	128	11937	0.338	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	7220	0.341	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	7038	0.330	ng/ul	99
10) Acenaphthylene	14.393	152	10406	0.350	ng/ul	99
11) Acenaphthene	14.726	153	7968	0.354	ng/ul	99
12) Fluorene	15.711	166	8744	0.345	ng/ul	97
14) Pentachlorophenol	17.046	266	1766	0.440	ng/ul	99
15) Phenanthrene	17.455	178	13106	0.359	ng/ul	100
16) Anthracene	17.548	178	11276	0.337	ng/ul	99
19) Fluoranthene	19.468	202	12914	0.451	ng/ul	95
20) Pyrene	19.836	202	13195	0.433	ng/ul	94
21) Benzo(a)anthracene	21.580	228	9352	0.384	ng/ul	100
22) Chrysene	21.635	228	9671	0.408	ng/ul	99
24) Benzo(b)fluoranthene	23.304	252	9670	0.440	ng/ul	97
25) Benzo(k)fluoranthene	23.357	252	9405	0.435	ng/ul	97
26) Benzo(a)pyrene	23.959	252	8291	0.438	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.669	276	11213	0.418	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.689	278	8320	0.411	ng/ul#	94
29) Benzo(g,h,i)perylene	27.481	276	9587	0.427	ng/ul	94

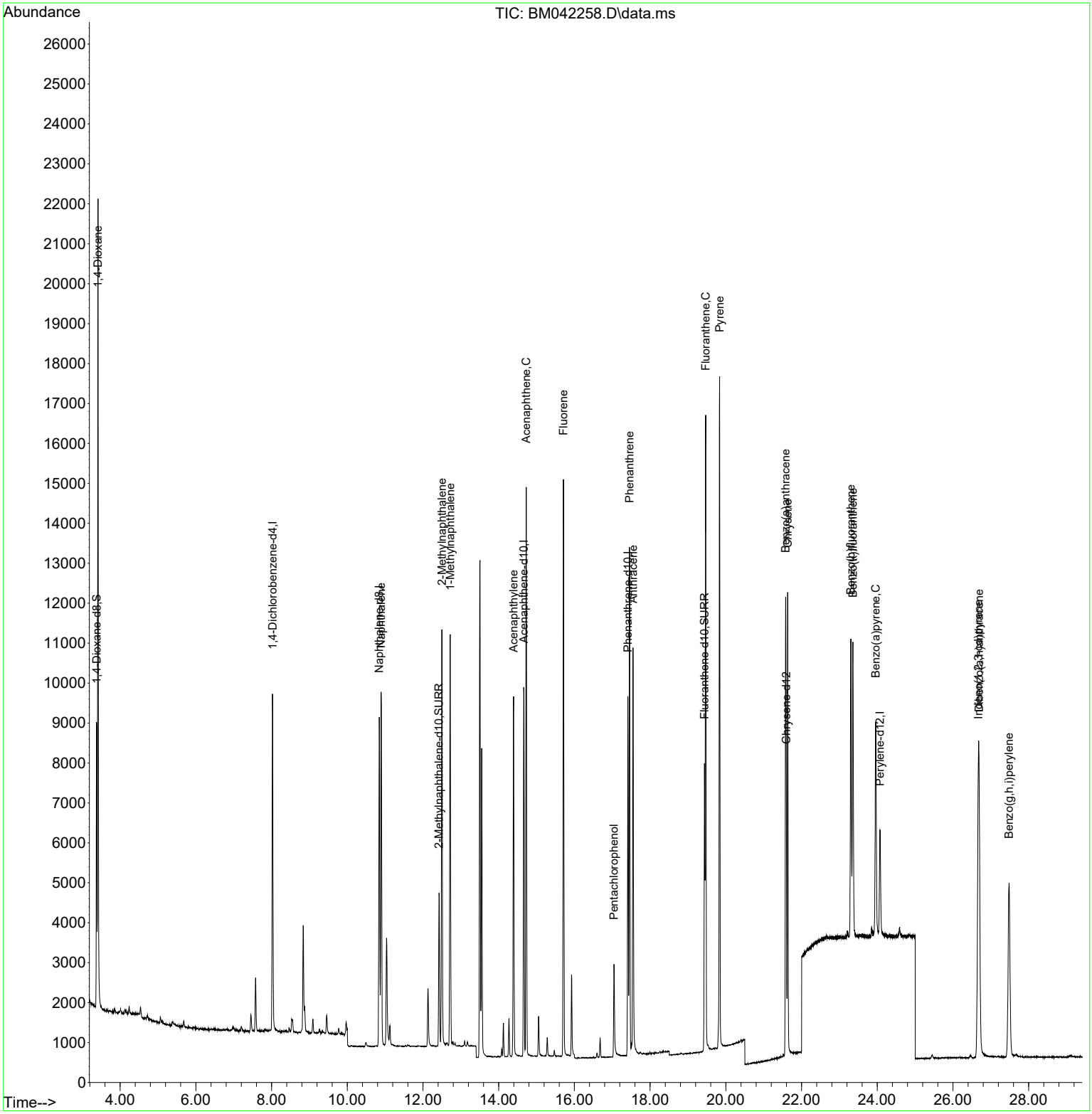
(#) = qualifier out of range (m) = manual integration (+) = signals summed

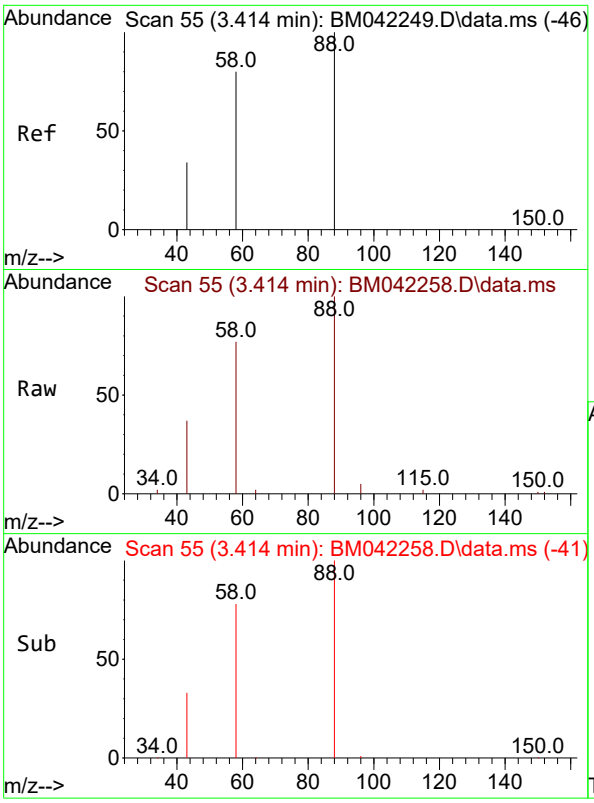
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042258.D
Acq On : 10 Oct 2023 19:34
Operator : MA/JU
Sample : PB156057BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS057

Quant Time: Oct 11 00:47:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 14:01:53 2023
Response via : Initial Calibration



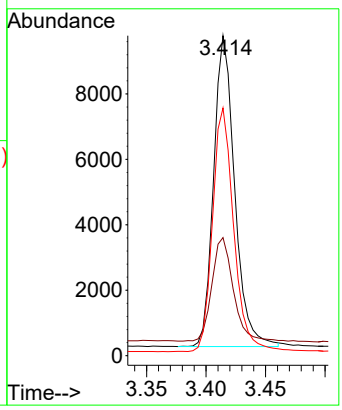


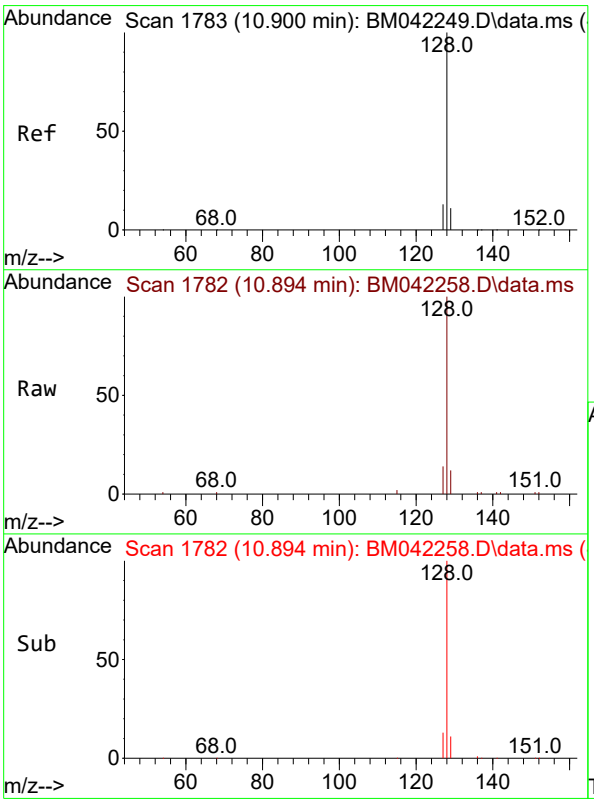
#2
1,4-Dioxane
Concen: 1.998 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion: 88 Resp: 11708

Ion	Ratio	Lower	Upper
88	100		
43	36.9	52.1	78.1#
58	77.4	53.8	80.6

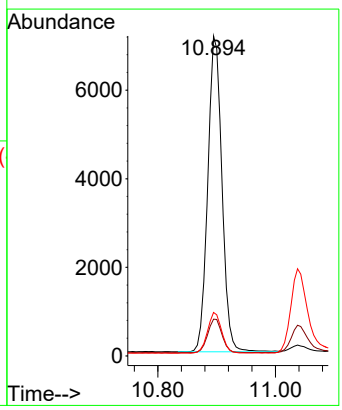


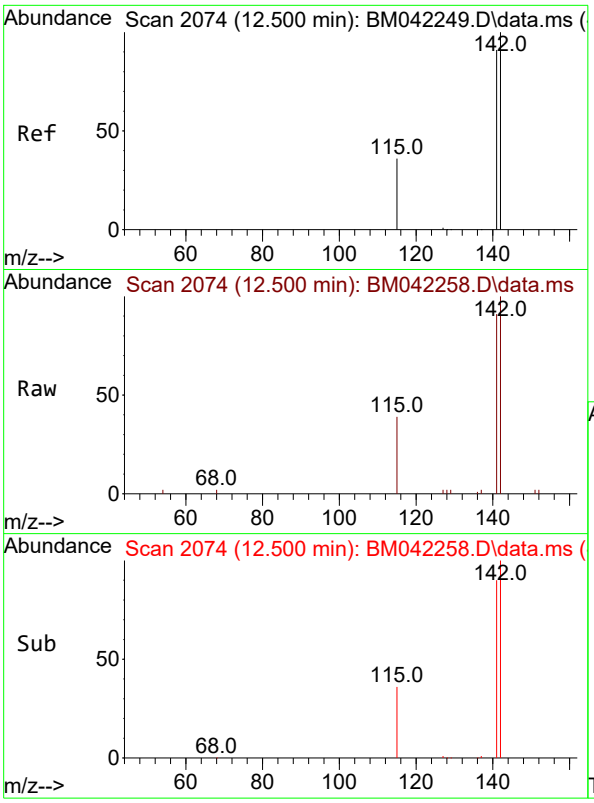


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.894 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:128 Resp: 11937

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.6	11.0	16.4



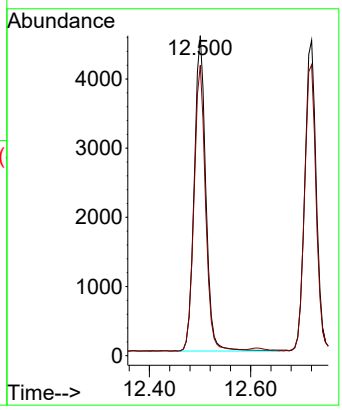


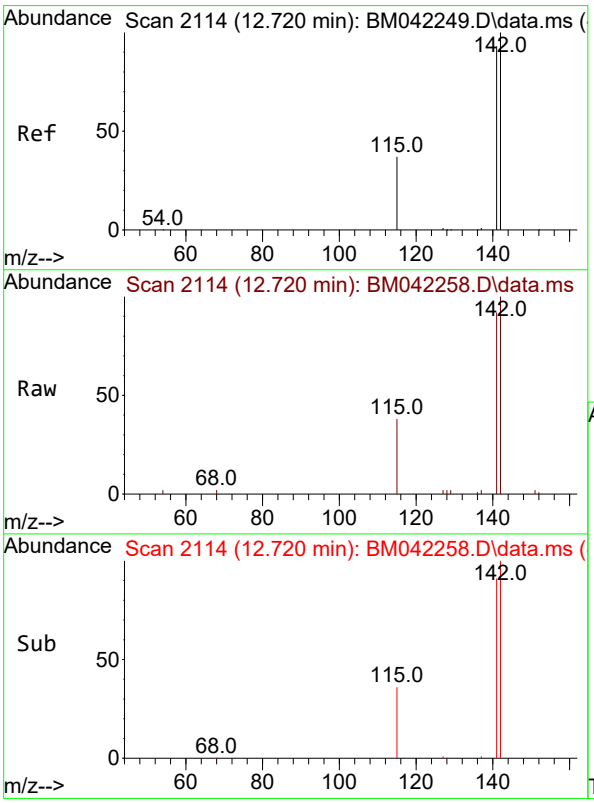
#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:142 Resp: 7220

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.2	105.4

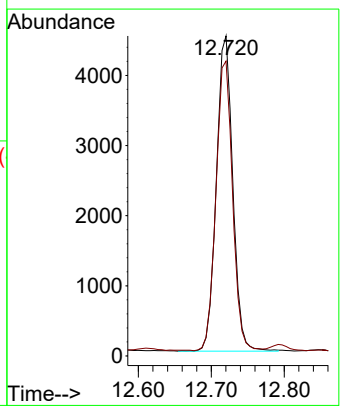


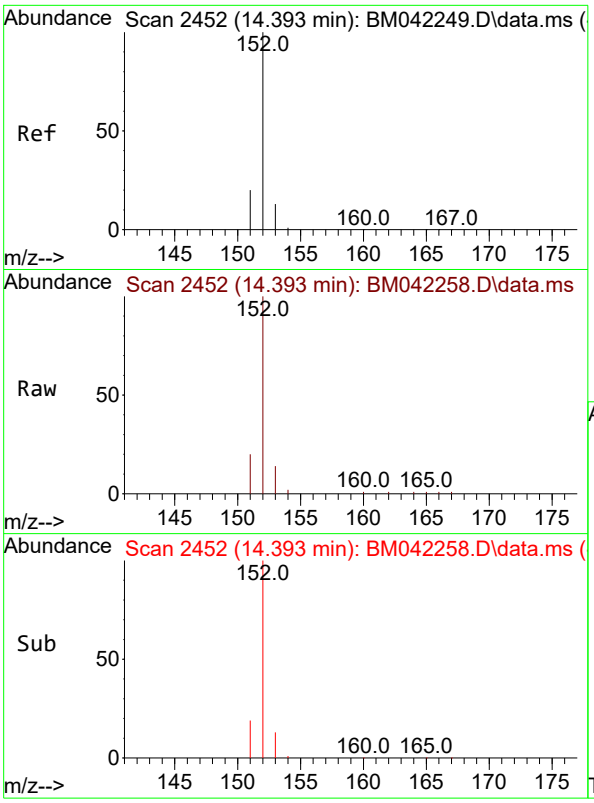


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:142 Resp: 7038

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.5	110.3



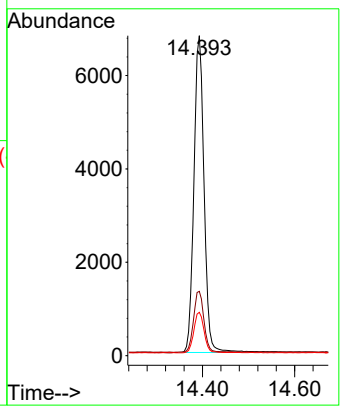


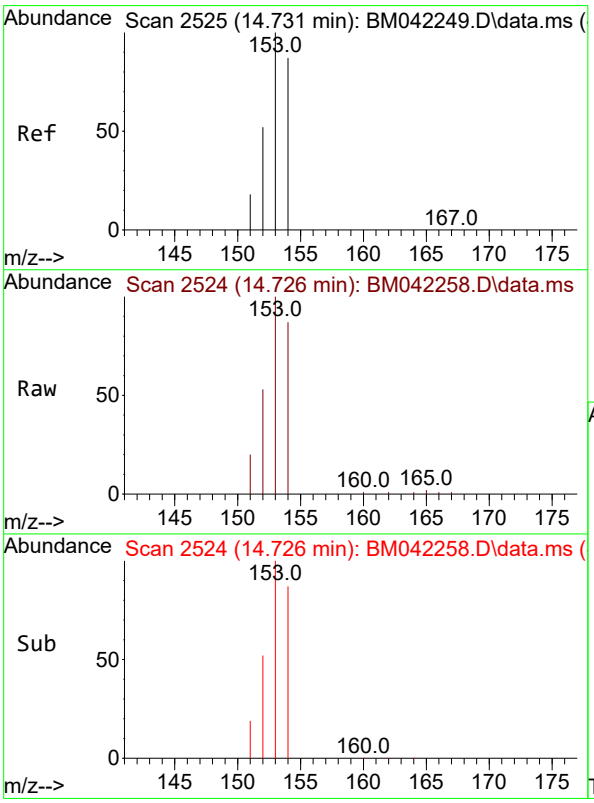
#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.393 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:152 Resp: 10406

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.6	10.9	16.3

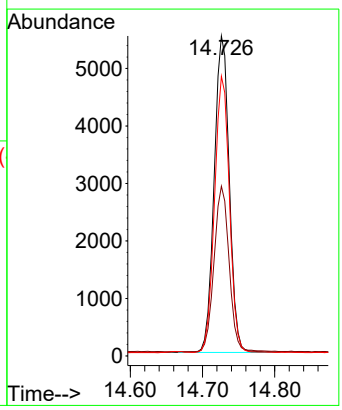


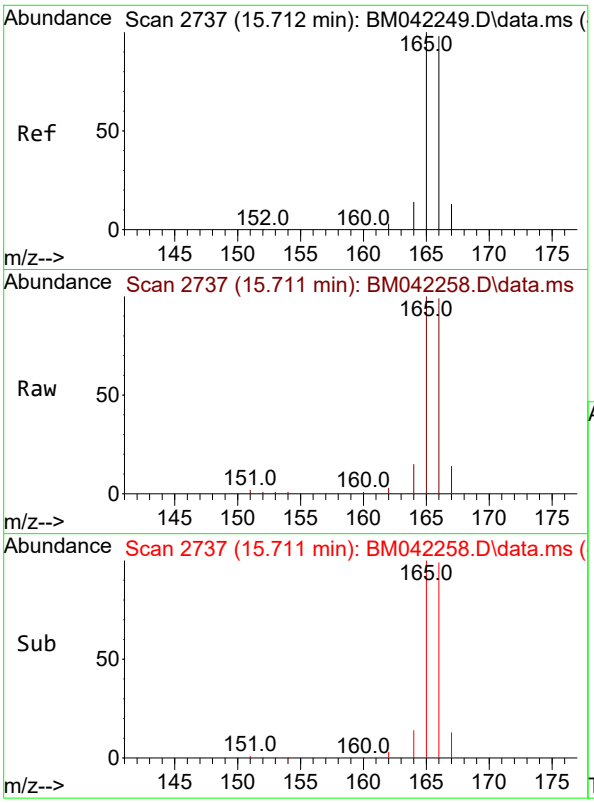


#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:153 Resp: 7968

Ion	Ratio	Lower	Upper
153	100		
152	53.1	41.1	61.7
154	87.4	69.5	104.3



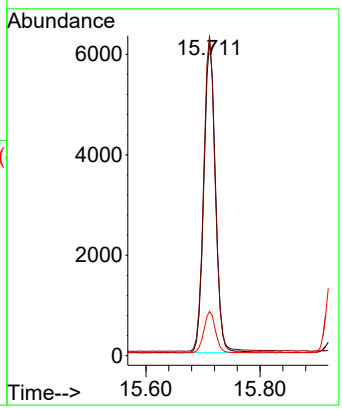


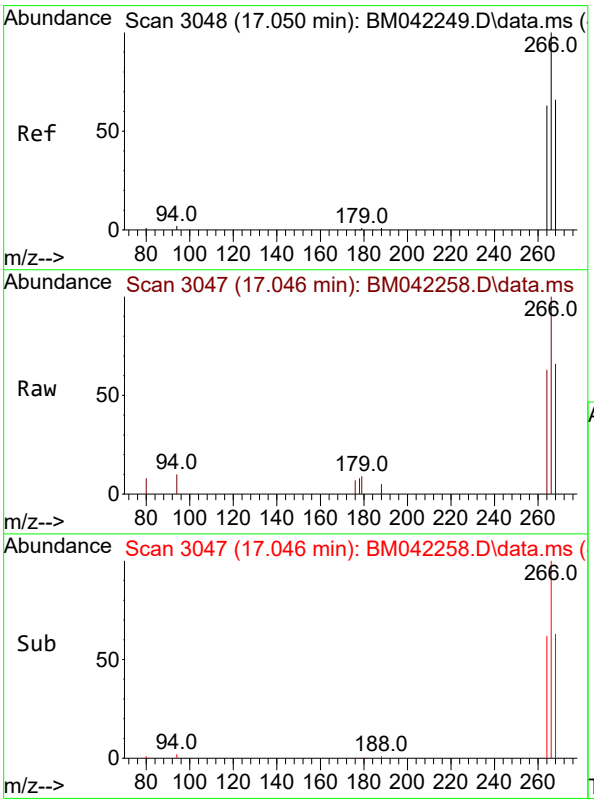
#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.711 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:166 Resp: 8744

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.4	117.6
167	14.0	11.5	17.3

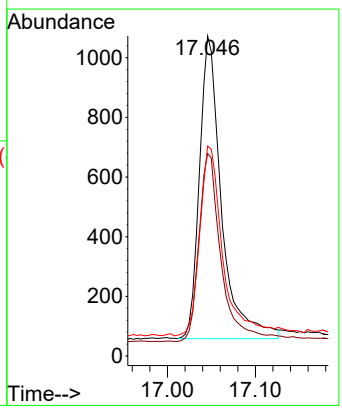


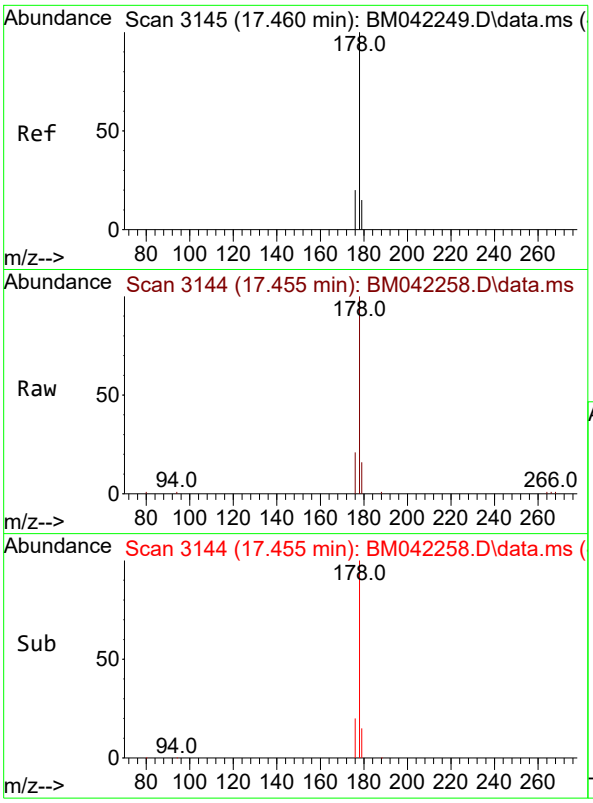


#14
Pentachlorophenol
Concen: 0.440 ng/ul
RT: 17.046 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:266 Resp: 1766

Ion	Ratio	Lower	Upper
266	100		
264	62.6	51.1	76.7
268	66.1	52.1	78.1



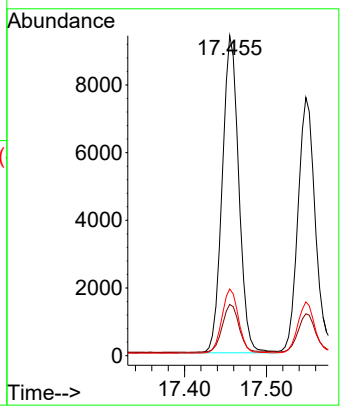


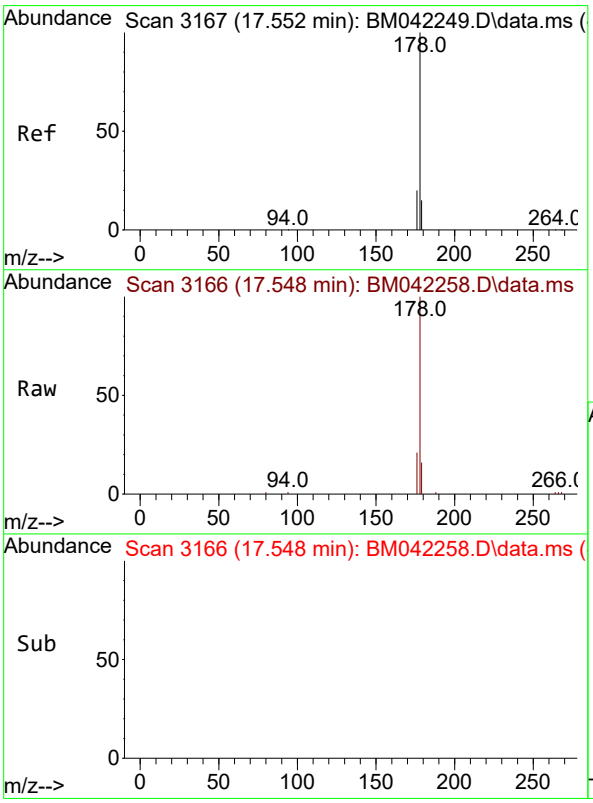
#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 17.455 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:178 Resp: 13106

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.0	19.4
176	20.9	16.8	25.2

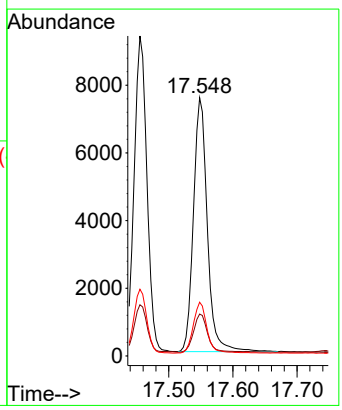


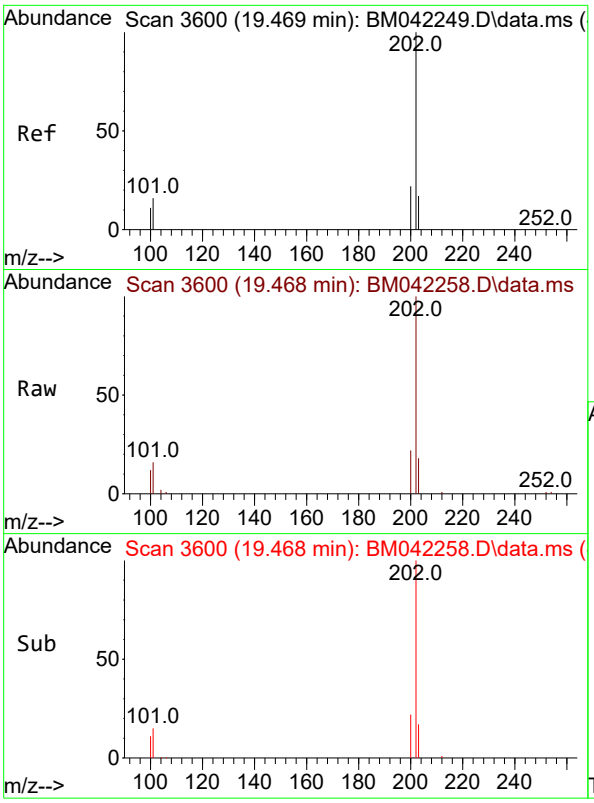


#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:178 Resp: 11276

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	20.8	16.3	24.5



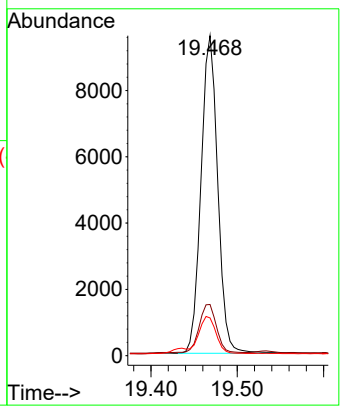


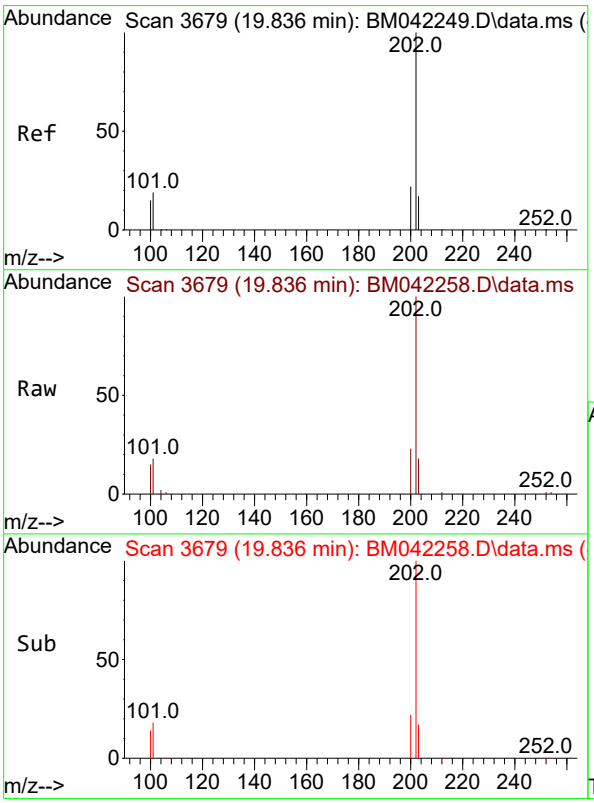
#19
Fluoranthene
Concen: 0.451 ng/ul
RT: 19.468 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:202 Resp: 12914

Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.1	16.7
100	11.8	8.2	12.2

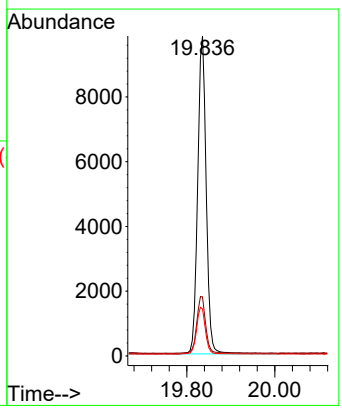


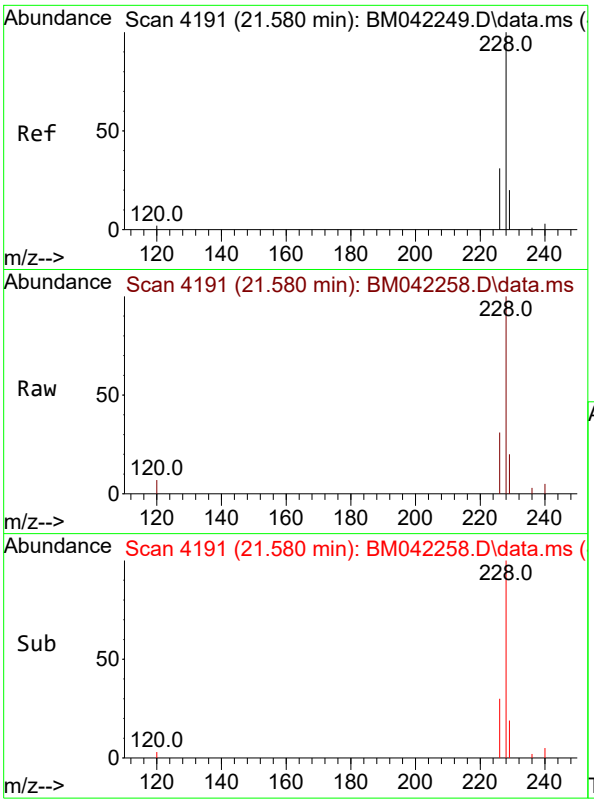


#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:202 Resp: 13195

Ion	Ratio	Lower	Upper
202	100		
101	18.5	12.7	19.1
100	14.7	9.9	14.9



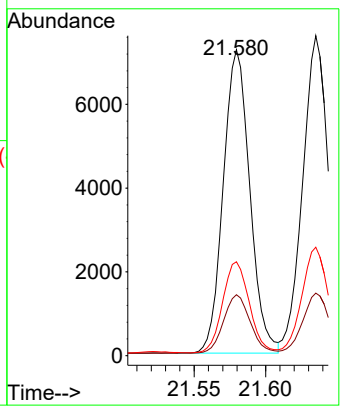


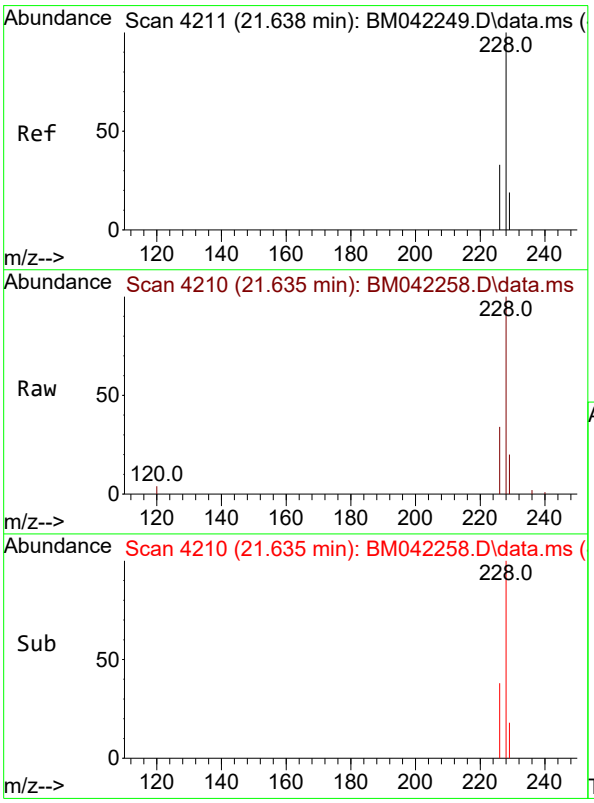
#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.580 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:228 Resp: 9352

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	30.7	24.6	37.0

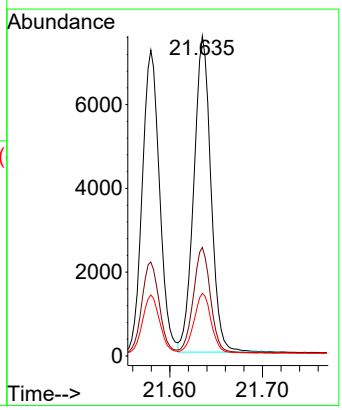


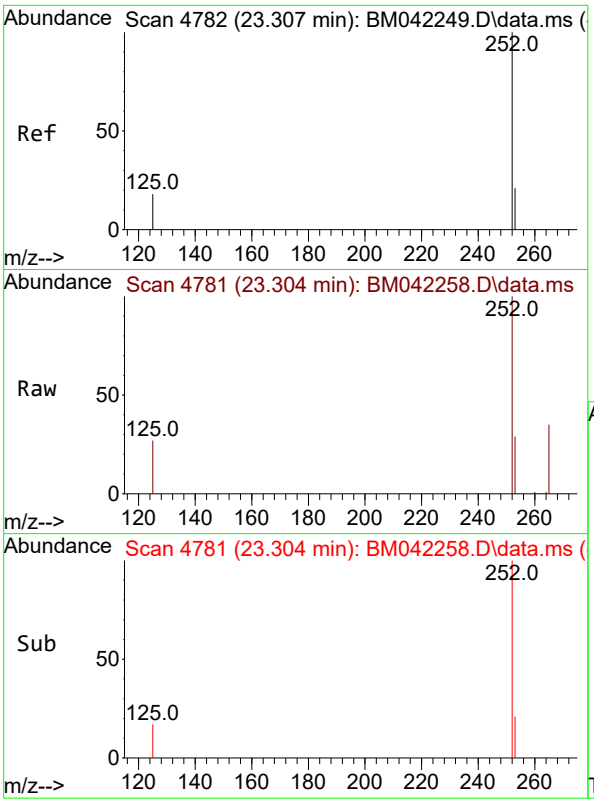


#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.635 min Scan# 4210
Delta R.T. -0.003 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:228 Resp: 9671

Ion	Ratio	Lower	Upper
228	100		
226	33.9	26.7	40.1
229	19.6	15.8	23.8



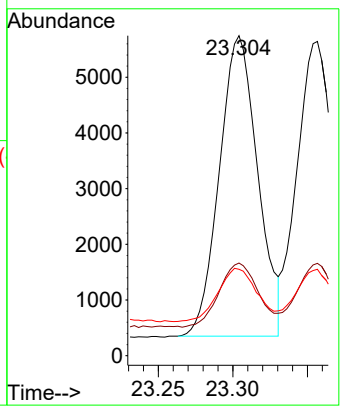


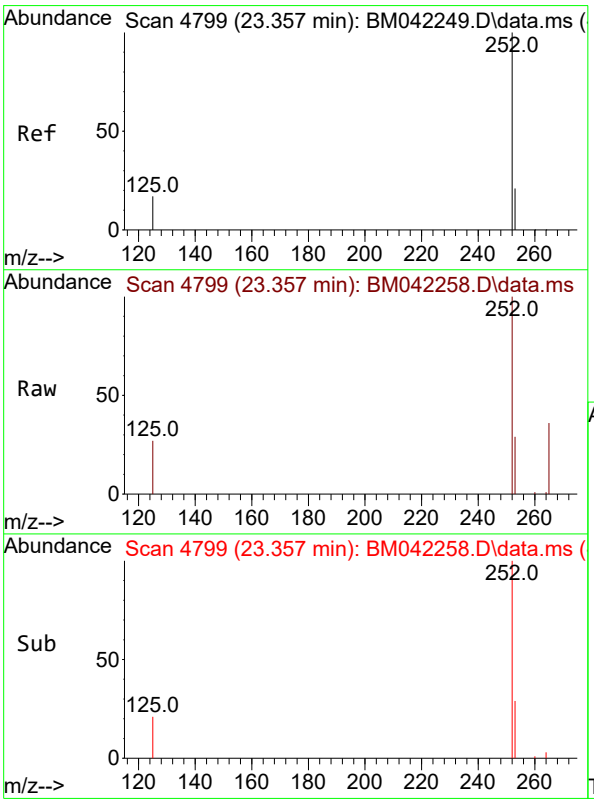
#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 23.304 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:252 Resp: 9670

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	59.0
125	27.0	0.0	49.6

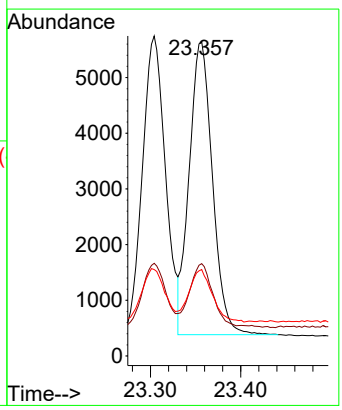


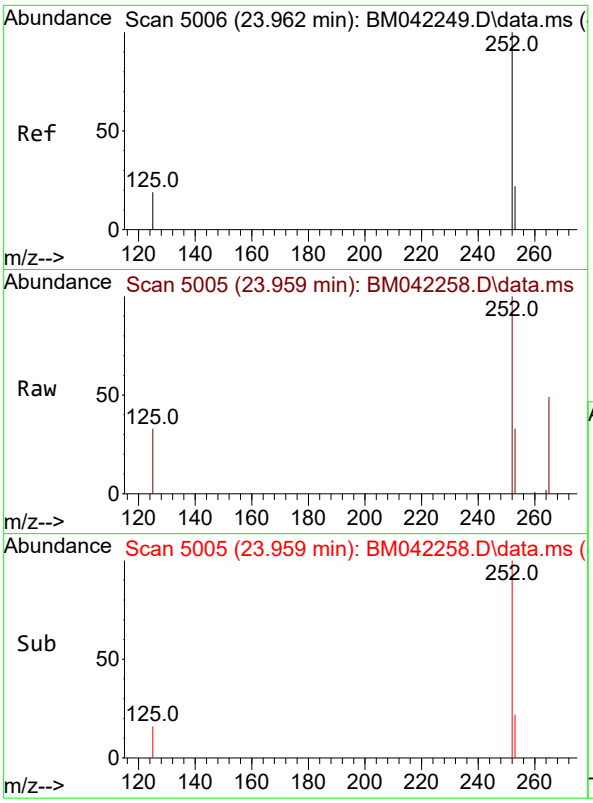


#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 23.357 min Scan# 4799
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:252 Resp: 9405

Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.4	35.0
125	27.5	19.9	29.9



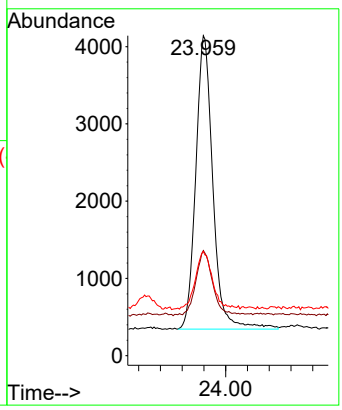


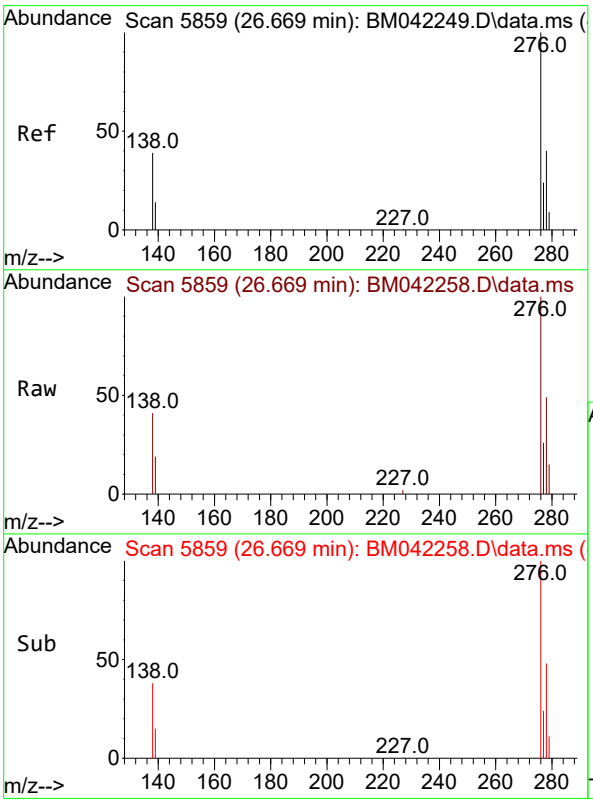
#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.959 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:252 Resp: 8291

Ion	Ratio	Lower	Upper
252	100		
253	32.9	25.3	37.9
125	32.6	23.2	34.8

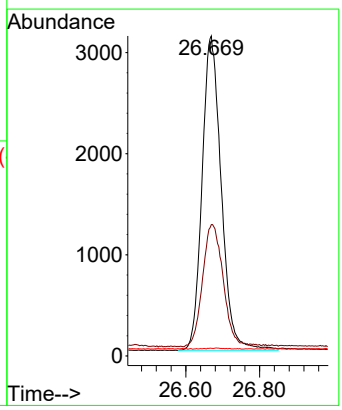


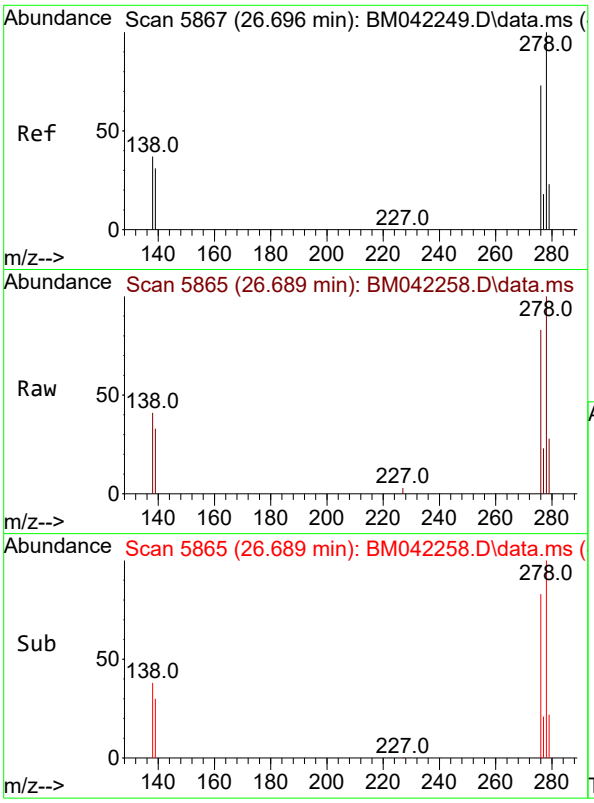


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul
RT: 26.669 min Scan# 5859
Delta R.T. -0.000 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:276 Resp: 11213

Ion	Ratio	Lower	Upper
276	100		
138	41.9	26.7	40.1#
227	0.1	0.2	0.2#



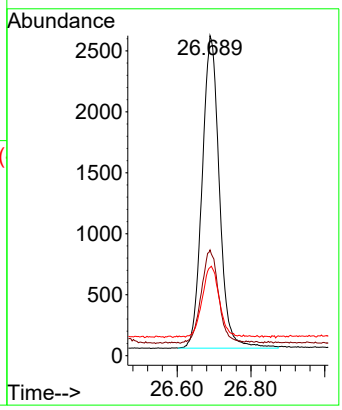


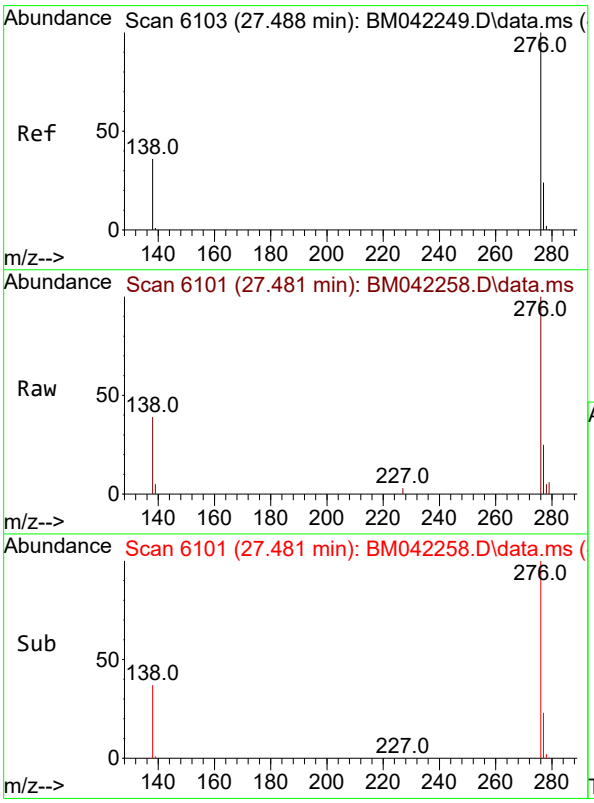
#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 26.689 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Instrument :
BNA_M
ClientSampleId :
SLCS057

Tgt Ion:278 Resp: 8320

Ion	Ratio	Lower	Upper
278	100		
139	33.0	21.7	32.5#
279	27.5	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.481 min Scan# 6101
Delta R.T. -0.007 min
Lab File: BM042258.D
Acq: 10 Oct 2023 19:34

Tgt Ion:276 Resp: 9587

Ion	Ratio	Lower	Upper
276	100		
138	39.3	26.8	40.2
277	25.1	20.1	30.1