Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042257.D
Acq On : 10 Oct 2023 18:58
Operator : MA/JU
Sample : PB156060BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS060

Quant Time: Oct 11 00:47:02 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

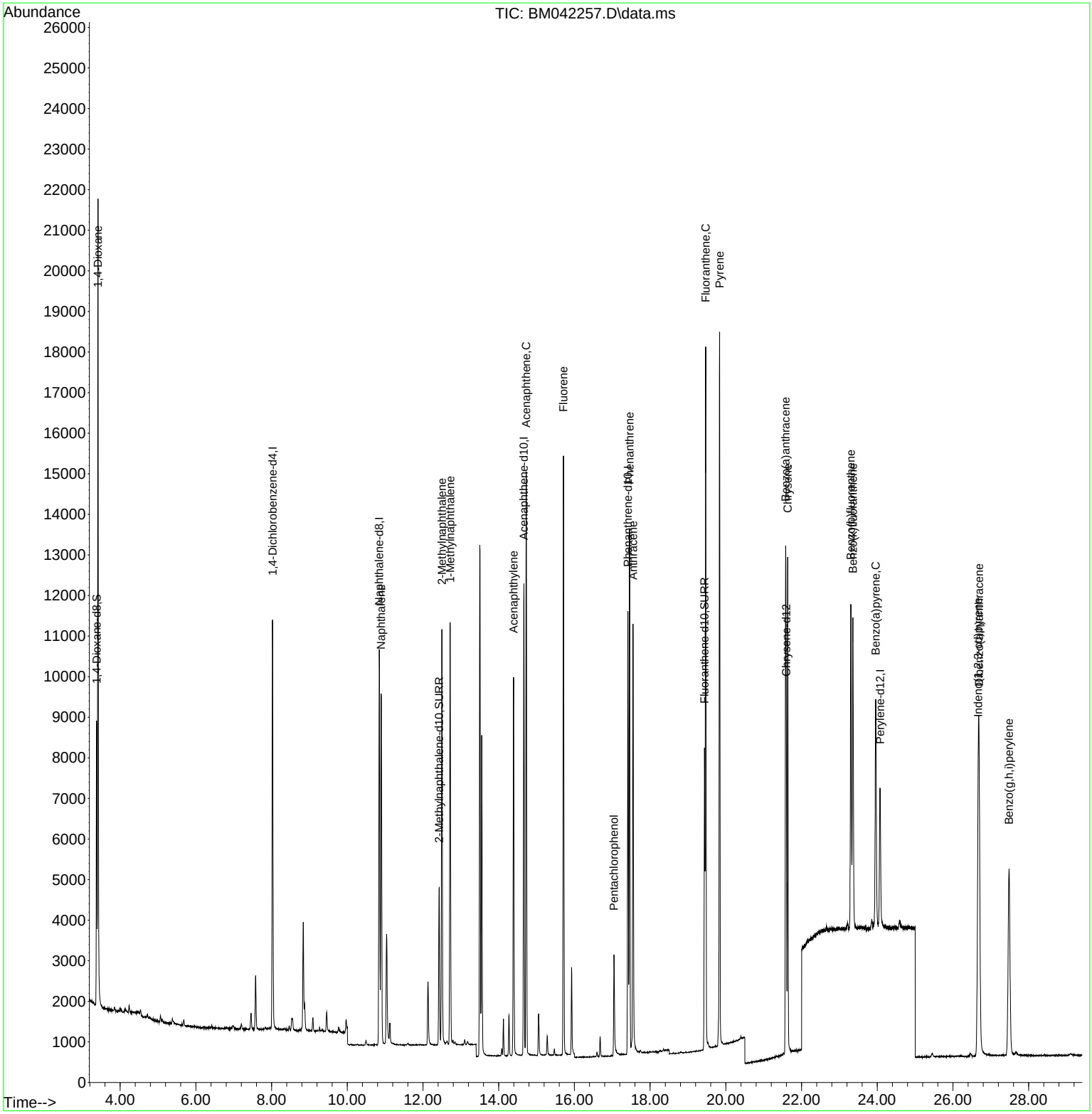
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	5005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12705	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	5785	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	10997	0.400	ng/ul	0.00
17) Chrysene-d12	21.597	240	4930	0.400	ng/ul	0.00
23) Perylene-d12	24.076	264	4963	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3842	0.576	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	5027	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	6405	0.346	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	11487	1.650	ng/ul#	76
5) Naphthalene	10.895	128	11940	0.282	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	7270	0.286	ng/ul	98
8) 1-Methylnaphthalene	12.720	142	7080	0.277	ng/ul	98
10) Acenaphthylene	14.393	152	10708	0.293	ng/ul	100
11) Acenaphthene	14.726	153	8071	0.292	ng/ul	99
12) Fluorene	15.712	166	8919	0.286	ng/ul	98
14) Pentachlorophenol	17.046	266	1892	0.380	ng/ul	99
15) Phenanthrene	17.455	178	13491	0.298	ng/ul	99
16) Anthracene	17.548	178	11695	0.282	ng/ul	99
19) Fluoranthene	19.469	202	13611	0.363	ng/ul	95
20) Pyrene	19.836	202	13813	0.347	ng/ul	95
21) Benzo(a)anthracene	21.580	228	10031	0.315	ng/ul	100
22) Chrysene	21.635	228	10272	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.304	252	10182	0.348	ng/ul	98
25) Benzo(k)fluoranthene	23.357	252	9913	0.344	ng/ul	98
26) Benzo(a)pyrene	23.959	252	8801	0.349	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.666	276	11854	0.331	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.689	278	8894	0.330	ng/ul#	94
29) Benzo(g,h,i)perylene	27.481	276	10090	0.338	ng/ul	94

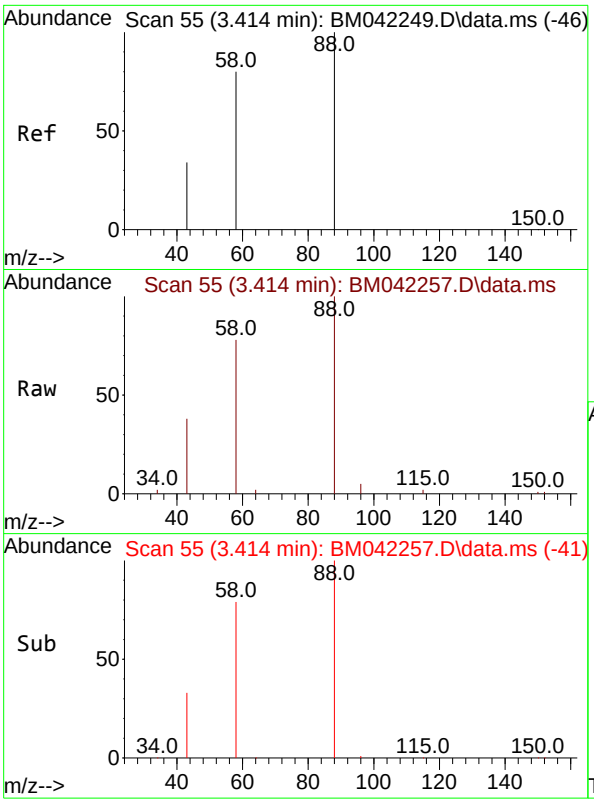
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101023\
Data File : BM042257.D
Acq On : 10 Oct 2023 18:58
Operator : MA/JU
Sample : PB156060BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS060

Quant Time: Oct 11 00:47:02 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



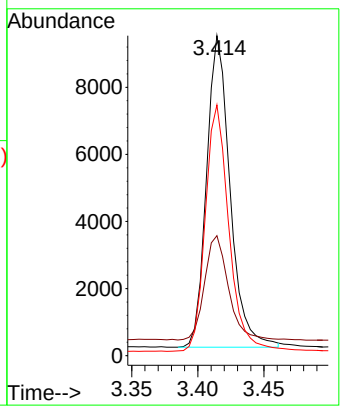


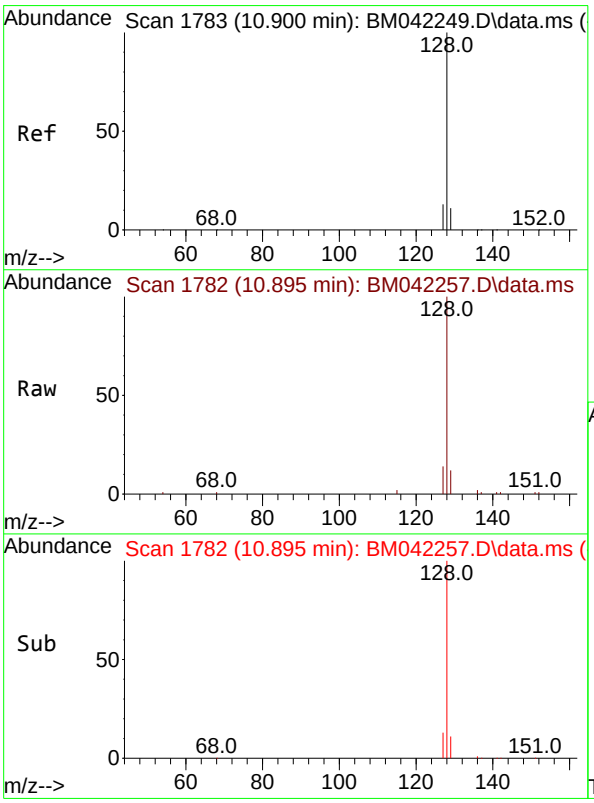
#2
1,4-Dioxane
Concen: 1.650 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion: 88 Resp: 11487

Ion	Ratio	Lower	Upper
88	100		
43	37.5	52.1	78.1#
58	78.3	53.8	80.6

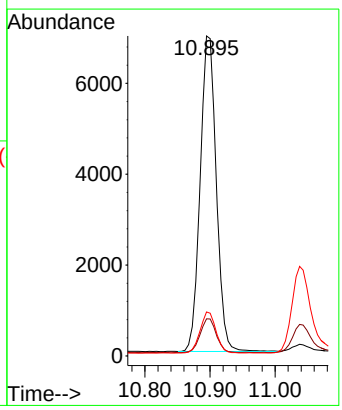


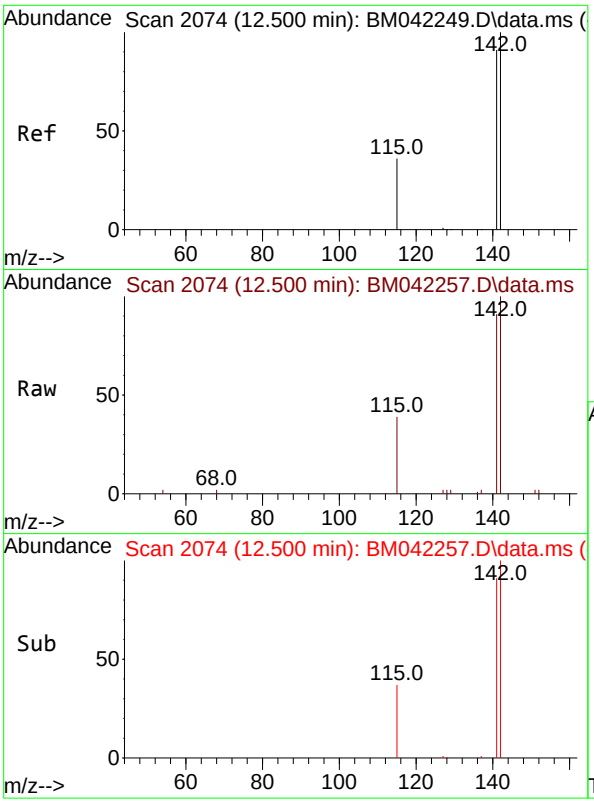


#5
Naphthalene
Concen: 0.282 ng/ul
RT: 10.895 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:128 Resp: 11940

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.7	11.0	16.4



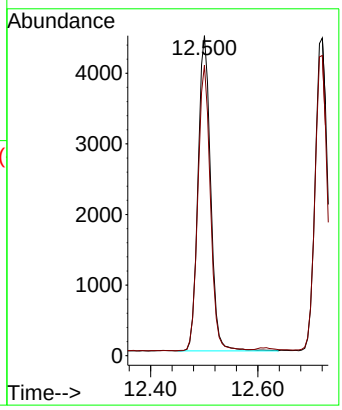


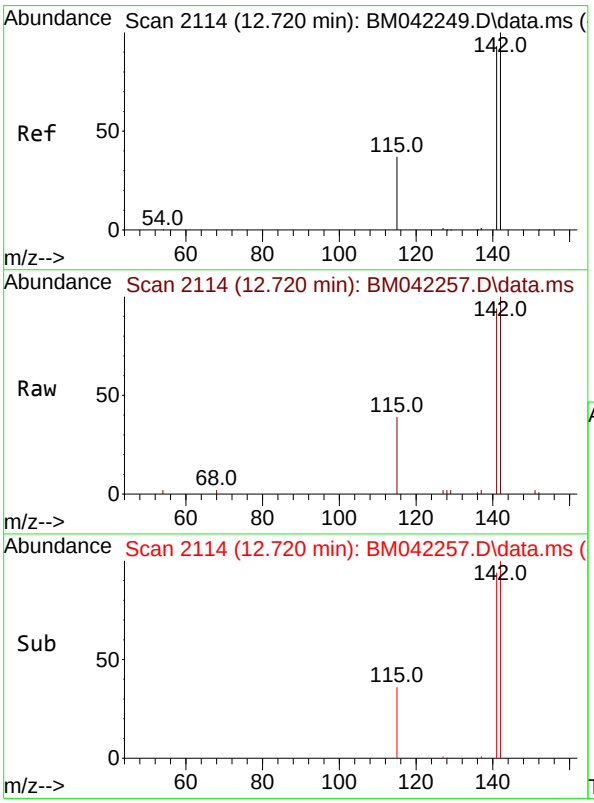
#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.500 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:142 Resp: 7270

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.4

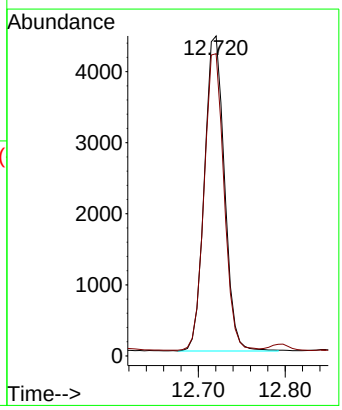


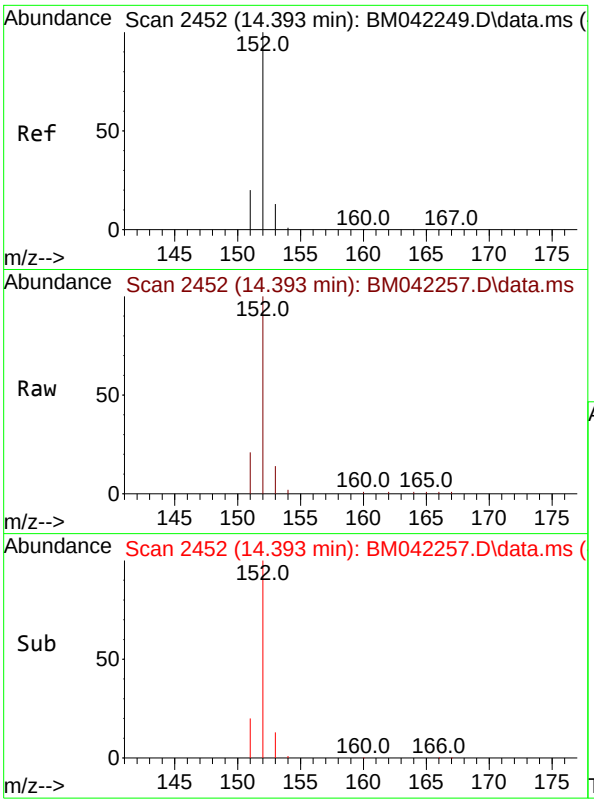


#8
1-Methylnaphthalene
Concen: 0.277 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:142 Resp: 7080

Ion	Ratio	Lower	Upper
142	100		
141	93.6	73.5	110.3



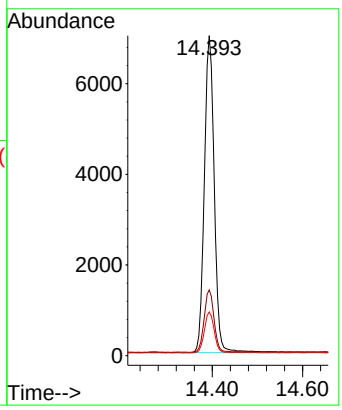


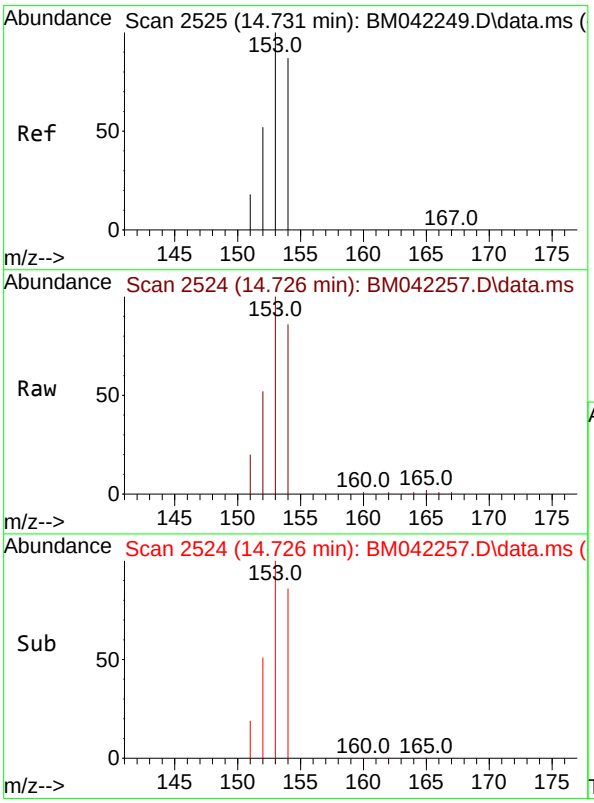
#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.393 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:152 Resp: 10708

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	13.7	10.9	16.3

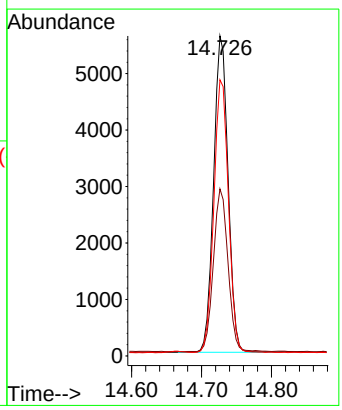


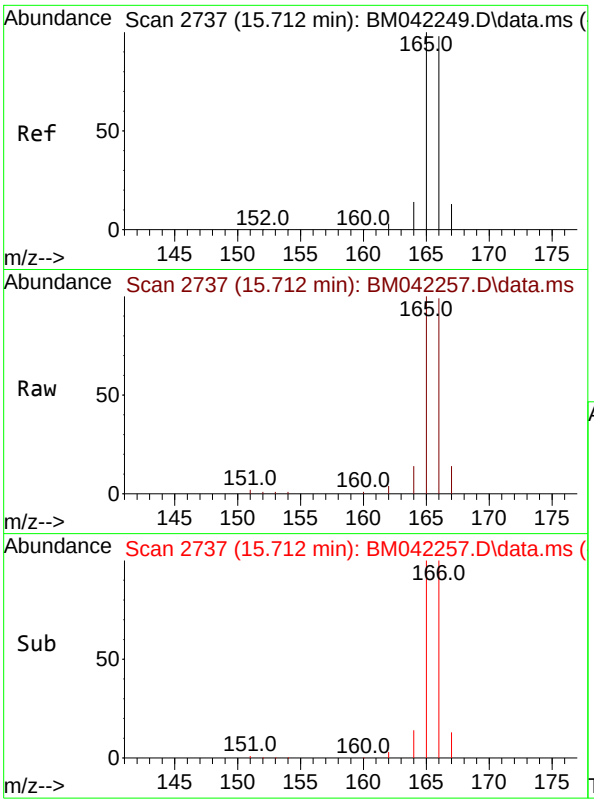


#11
Acenaphthene
Concen: 0.292 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:153 Resp: 8071

Ion	Ratio	Lower	Upper
153	100		
152	52.2	41.1	61.7
154	86.3	69.5	104.3



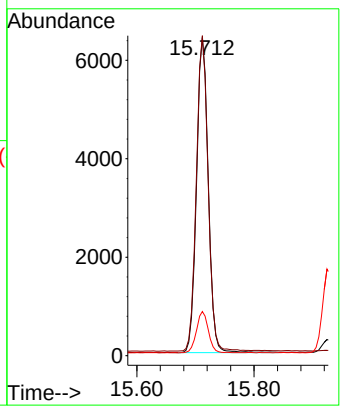


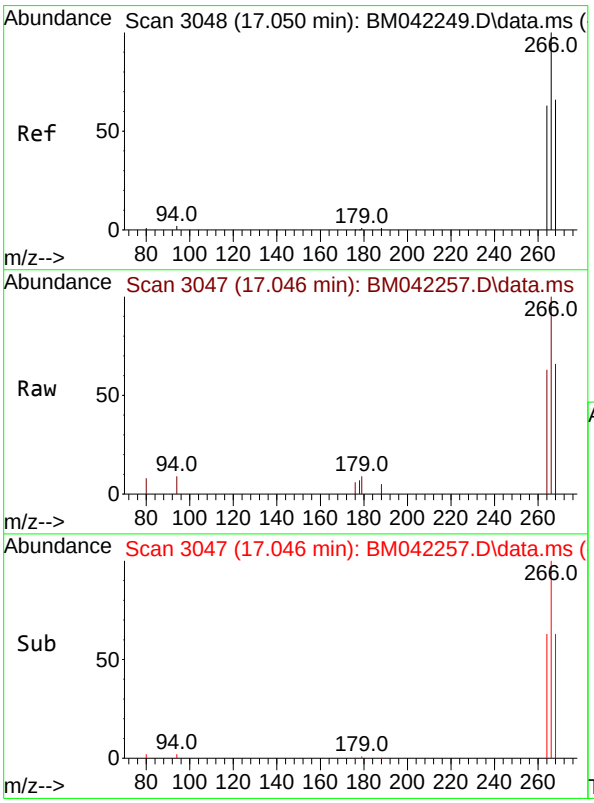
#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.712 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:166 Resp: 8919

Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.4	117.6
167	13.9	11.5	17.3

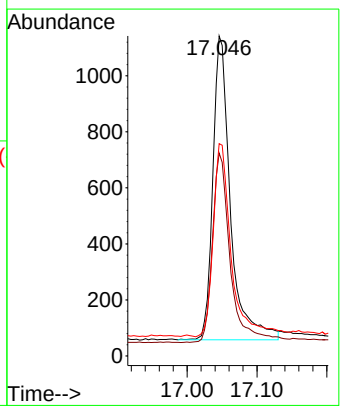


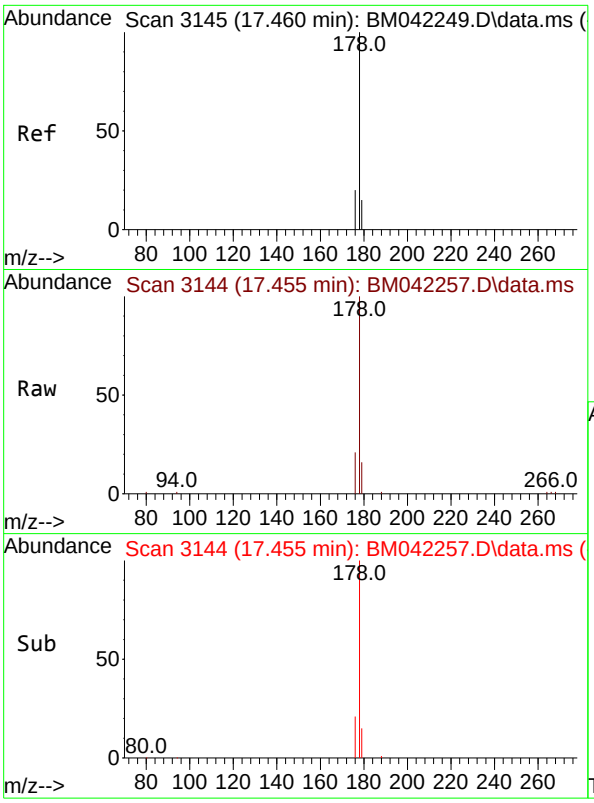


#14
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 17.046 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:266 Resp: 1892

Ion	Ratio	Lower	Upper
266	100		
264	62.9	51.1	76.7
268	65.2	52.1	78.1



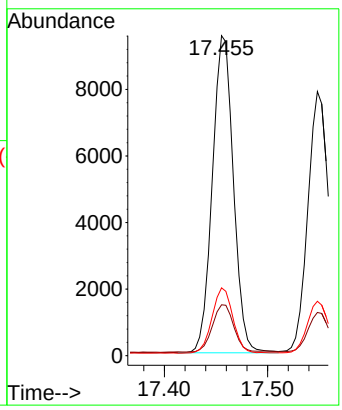


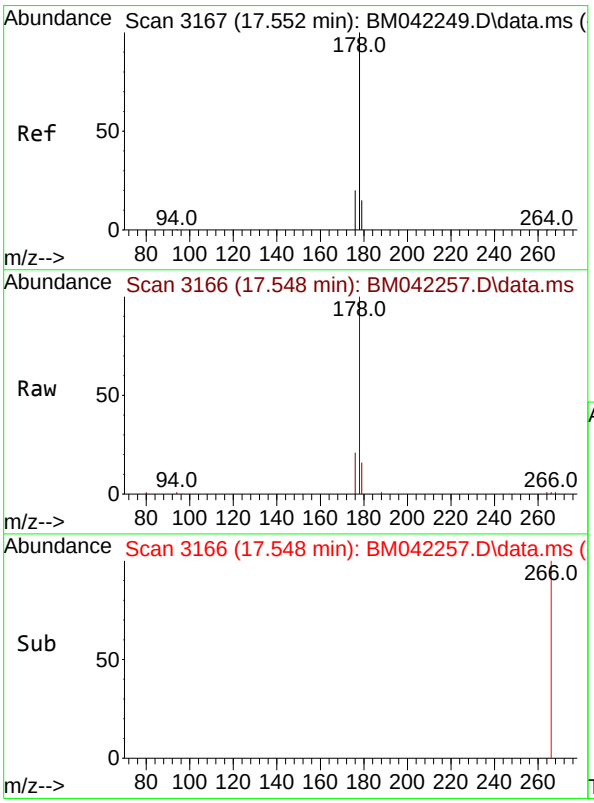
#15
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.455 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:178 Resp: 13491

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.0	19.4
176	21.2	16.8	25.2

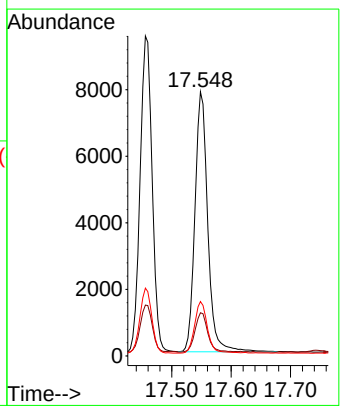


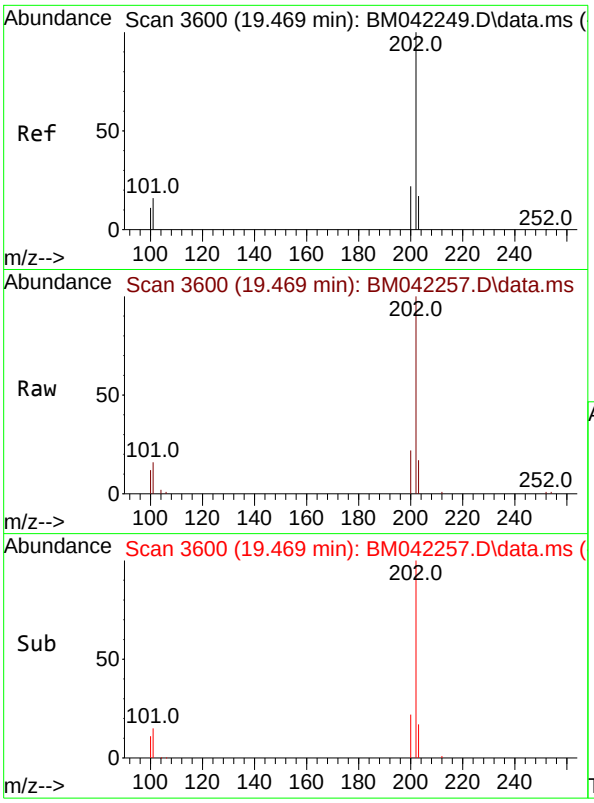


#16
Anthracene
Concen: 0.282 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.004 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:178 Resp: 11695

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.6	16.3	24.5



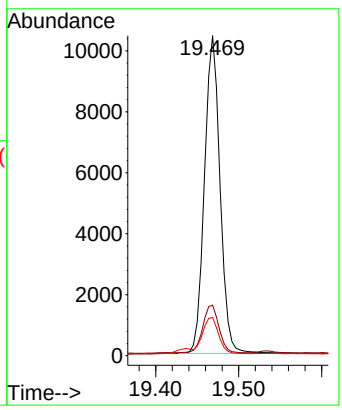


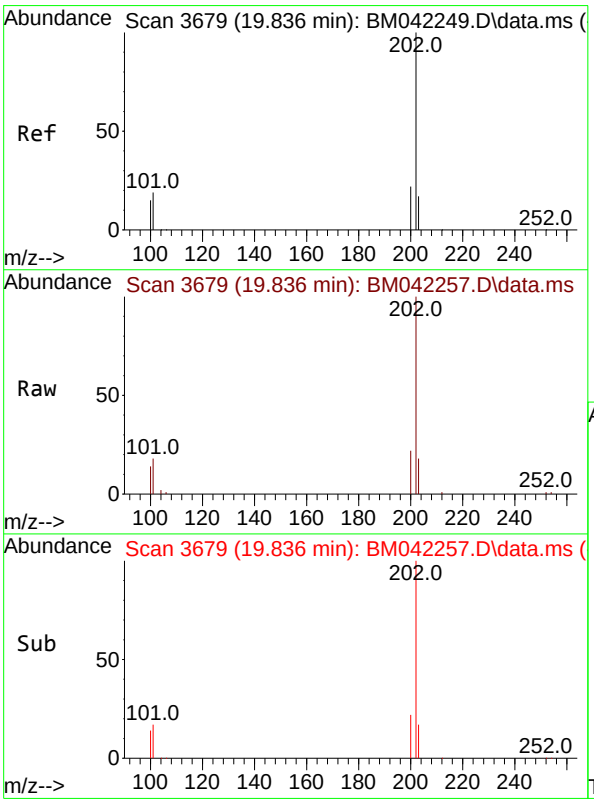
#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.469 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:202 Resp: 13611

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.1	16.7
100	11.9	8.2	12.2

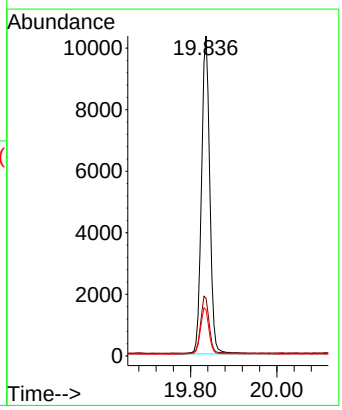


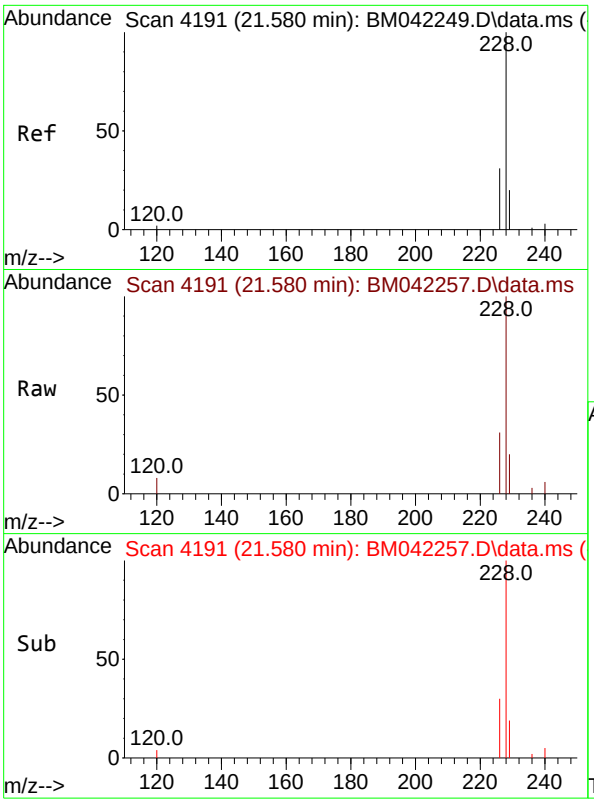


#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.836 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:202 Resp: 13813

Ion	Ratio	Lower	Upper
202	100		
101	18.0	12.7	19.1
100	14.4	9.9	14.9





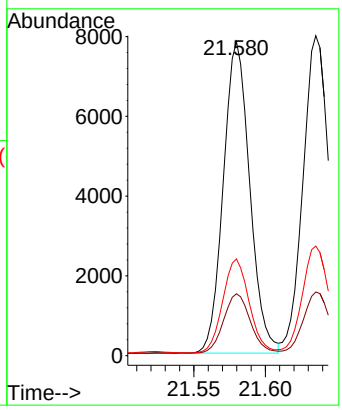
#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.580 min Scan# 4

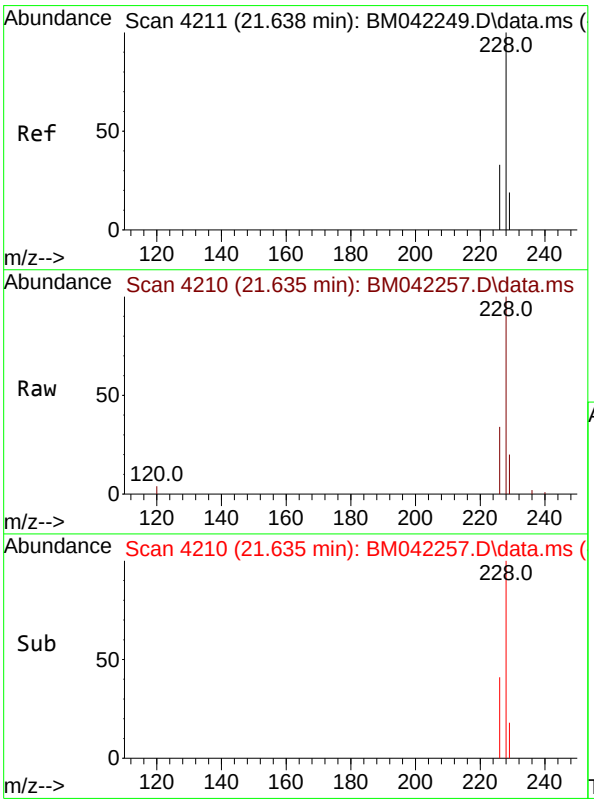
Instrument :
BNA_M
ClientSampleId :
SLCS060

Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:228 Resp: 10031

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	30.8	24.6	37.0

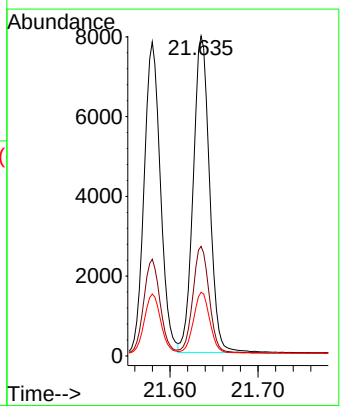


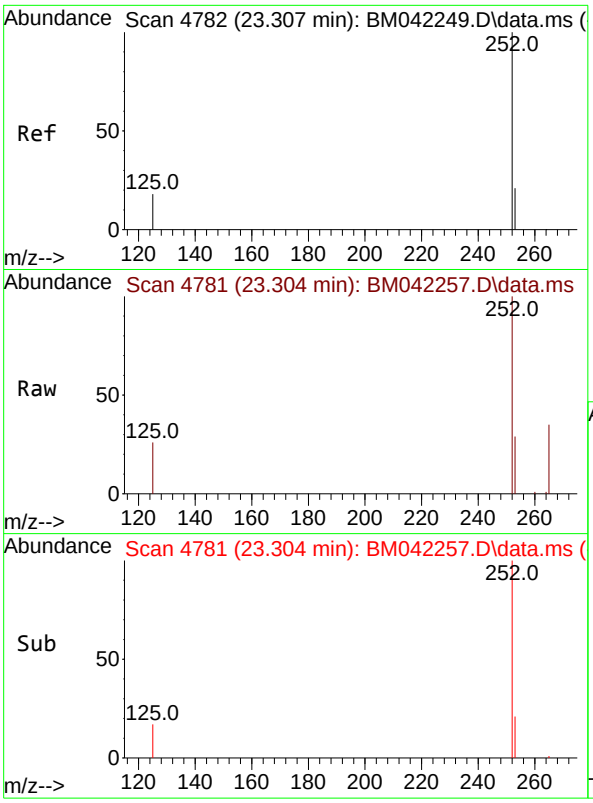


#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.635 min Scan# 4210
Delta R.T. -0.003 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:228 Resp: 10272

Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.7	40.1
229	19.9	15.8	23.8



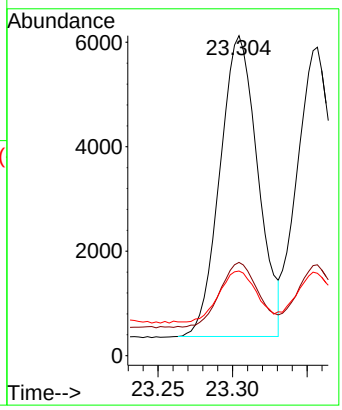


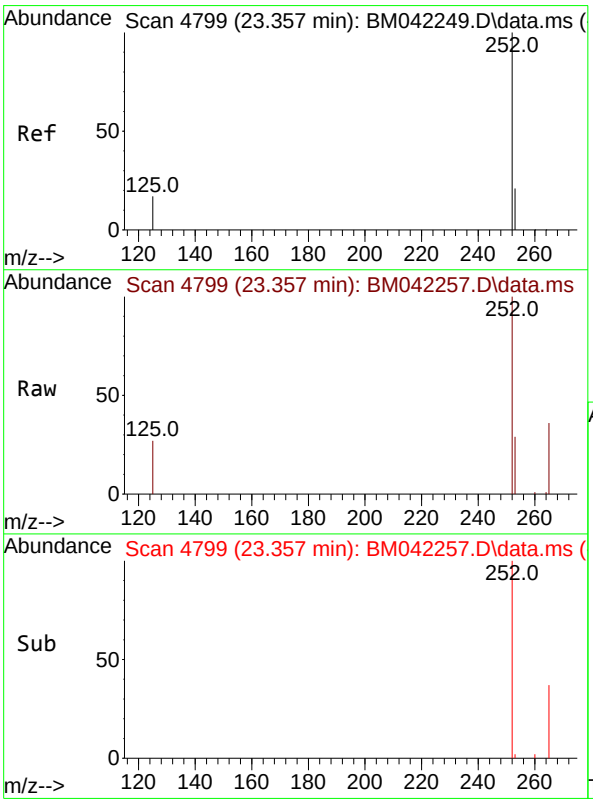
#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.304 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:252 Resp: 10182

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	59.0
125	26.4	0.0	49.6

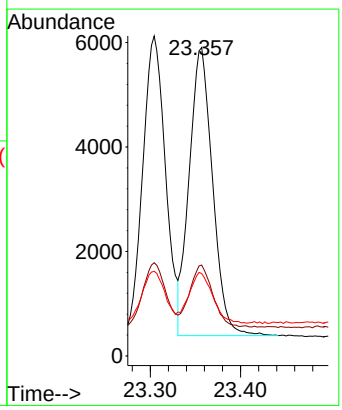


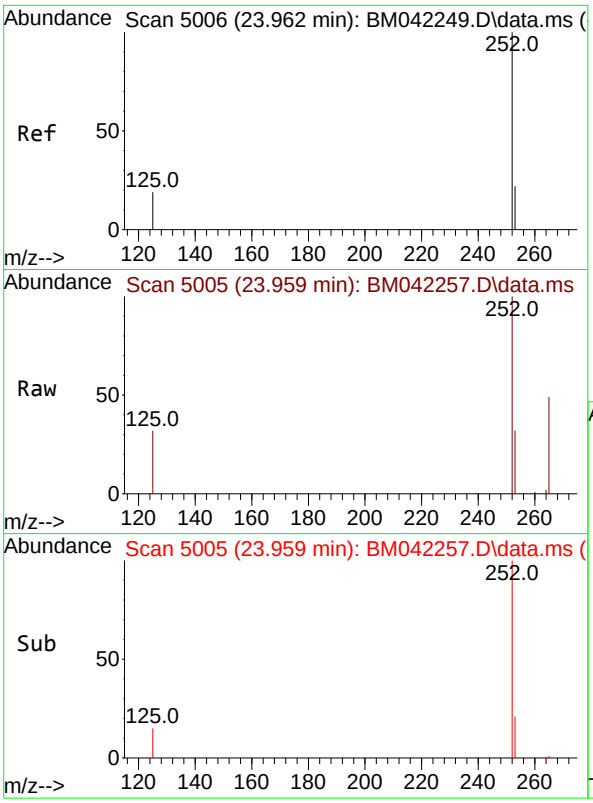


#25
Benzo(k)fluoranthene
Concen: 0.344 ng/ul
RT: 23.357 min Scan# 4799
Delta R.T. 0.000 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:252 Resp: 9913

Ion	Ratio	Lower	Upper
252	100		
253	29.4	23.4	35.0
125	26.7	19.9	29.9



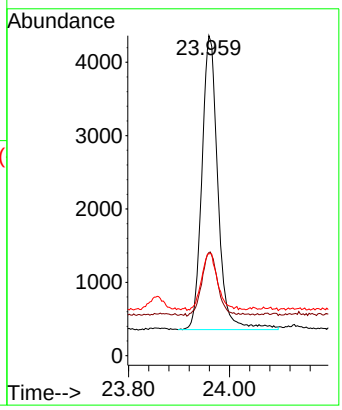


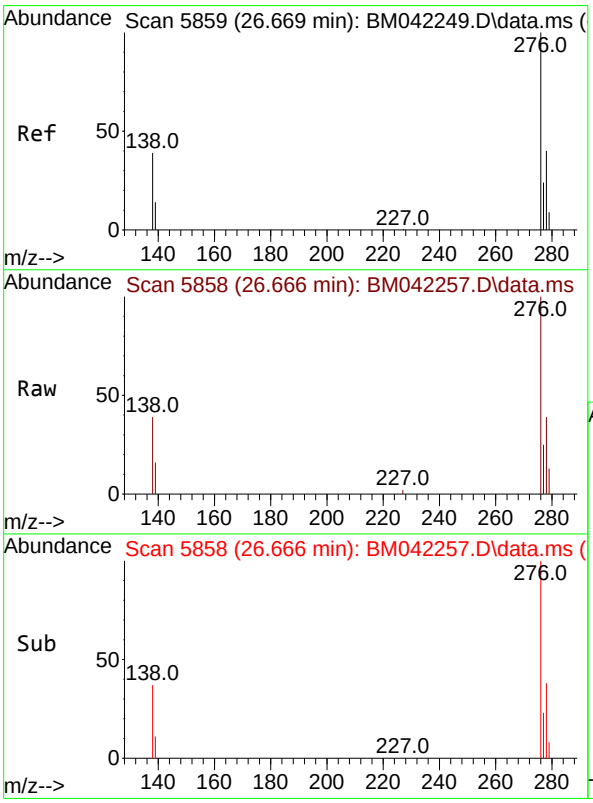
#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 23.959 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:252 Resp: 8801

Ion	Ratio	Lower	Upper
252	100		
253	32.3	25.3	37.9
125	31.8	23.2	34.8

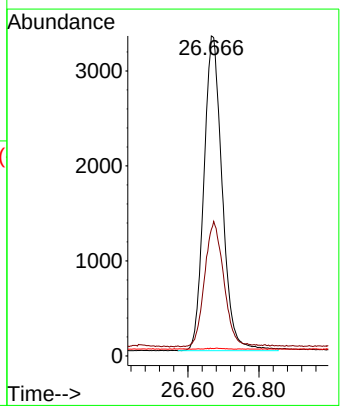


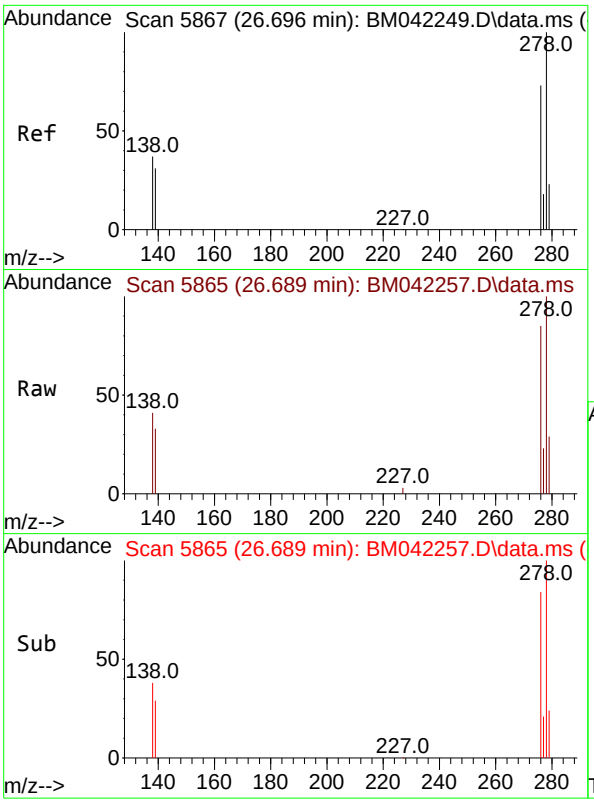


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.331 ng/ul
RT: 26.666 min Scan# 5858
Delta R.T. -0.003 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:276 Resp: 11854

Ion	Ratio	Lower	Upper
276	100		
138	41.5	26.7	40.1#
227	0.2	0.2	0.2



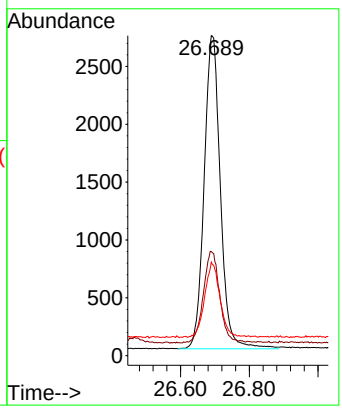


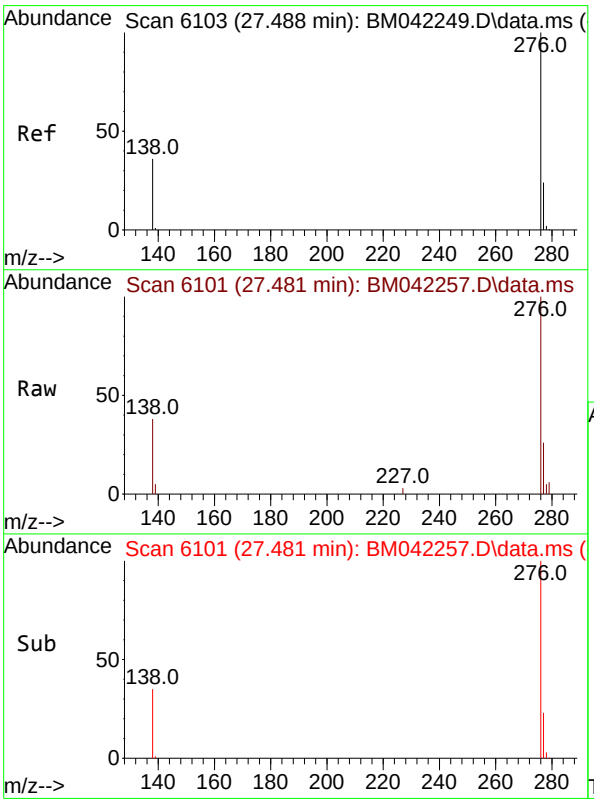
#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.689 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Instrument :
BNA_M
ClientSampleId :
SLCS060

Tgt Ion:278 Resp: 8894

Ion	Ratio	Lower	Upper
278	100		
139	32.5	21.7	32.5#
279	29.2	22.4	33.6





#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 27.481 min Scan# 6101
Delta R.T. -0.007 min
Lab File: BM042257.D
Acq: 10 Oct 2023 18:58

Tgt Ion:276 Resp: 10090

Ion	Ratio	Lower	Upper
276	100		
138	38.5	26.8	40.2
277	25.8	20.1	30.1