Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042645.D
Acq On : 08 Nov 2023 12:34
Operator : MA/JU
Sample : PB156630BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	940	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.672	136	2079	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.511	164	1239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	2457	0.400	ng/ul	0.00
17) Chrysene-d12	21.449	240	1817	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	2053	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	940	0.757	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.262	152	1111	0.383	ng/ul	-0.01
18) Fluoranthene-d10	19.290	212	2380	0.378	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	2724	1.845	ng/ul#	59
5) Naphthalene	10.722	128	2346	0.349	ng/ul	97
7) 2-Methylnaphthalene	12.339	142	1423	0.330	ng/ul	93
8) 1-Methylnaphthalene	12.553	142	1387	0.318	ng/ul	99
10) Acenaphthylene	14.238	152	2751	0.324	ng/ul	97
11) Acenaphthene	14.571	153	1926	0.335	ng/ul	99
12) Fluorene	15.561	166	2171	0.329	ng/ul	97
14) Pentachlorophenol	16.905	266	844	0.674	ng/ul	96
15) Phenanthrene	17.306	178	3240	0.340	ng/ul	98
16) Anthracene	17.403	178	2809	0.326	ng/ul	95
19) Fluoranthene	19.323	202	3816	0.336	ng/ul	98
20) Pyrene	19.690	202	4129	0.331	ng/ul	98
21) Benzo(a)anthracene	21.435	228	2493	0.308	ng/ul	99
22) Chrysene	21.490	228	2814	0.337	ng/ul	99
24) Benzo(b)fluoranthene	23.098	252	3027	0.365	ng/ul	95
25) Benzo(k)fluoranthene	23.145	252	3033	0.349	ng/ul	97
26) Benzo(a)pyrene	23.726	252	3169	0.369	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.322	276	3872	0.347	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.342	278	2780	0.349	ng/ul	94
29) Benzo(g,h,i)perylene	27.090	276	3514	0.339	ng/ul	99

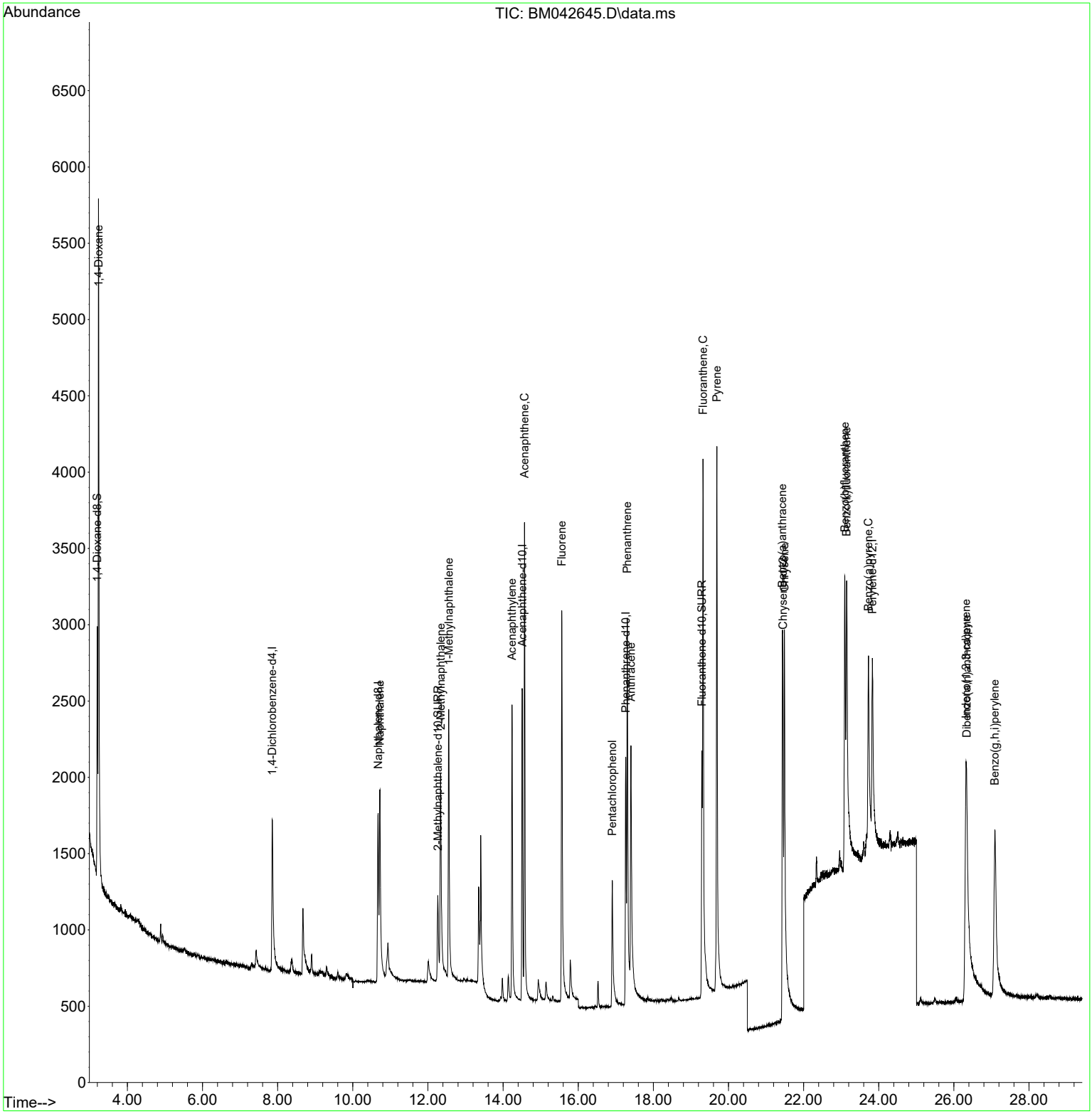
(#) = qualifier out of range (m) = manual integration (+) = signals summed

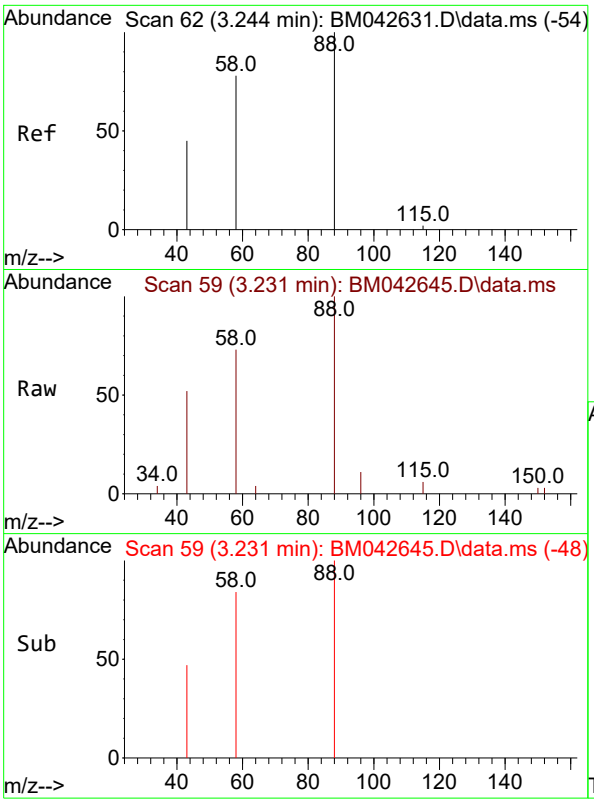
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
Data File : BM042645.D
Acq On : 08 Nov 2023 12:34
Operator : MA/JU
Sample : PB156630BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 08 22:54:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 02:23:03 2023
Response via : Initial Calibration



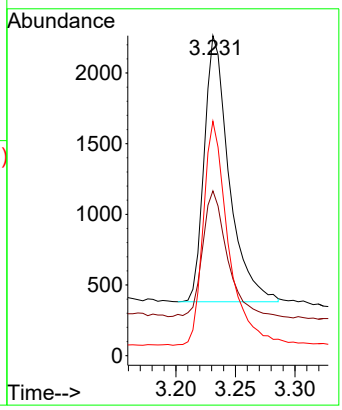


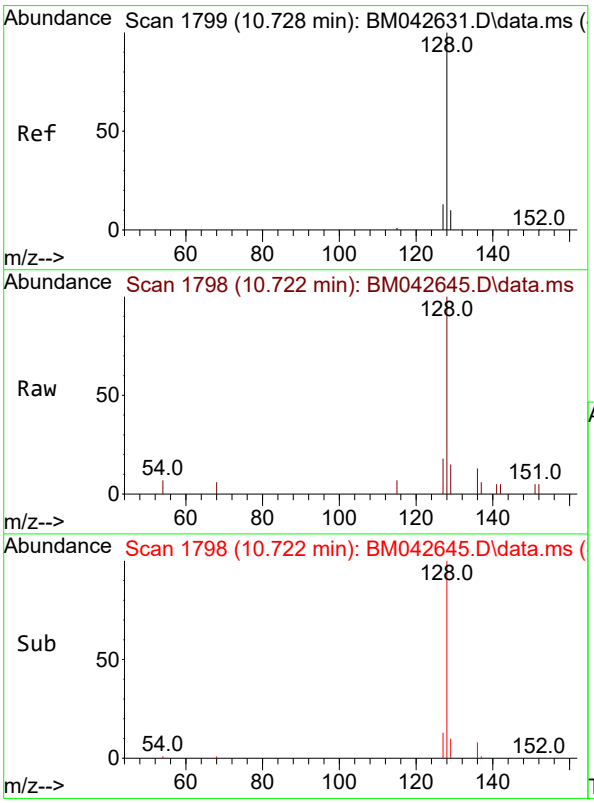
#2
1,4-Dioxane
Concen: 1.845 ng/ul
RT: 3.231 min Scan# 5
Delta R.T. -0.015 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2724

Ion	Ratio	Lower	Upper
88	100		
43	51.5	77.5	116.3#
58	73.2	40.9	61.3#

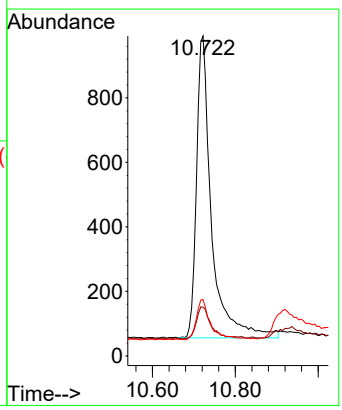


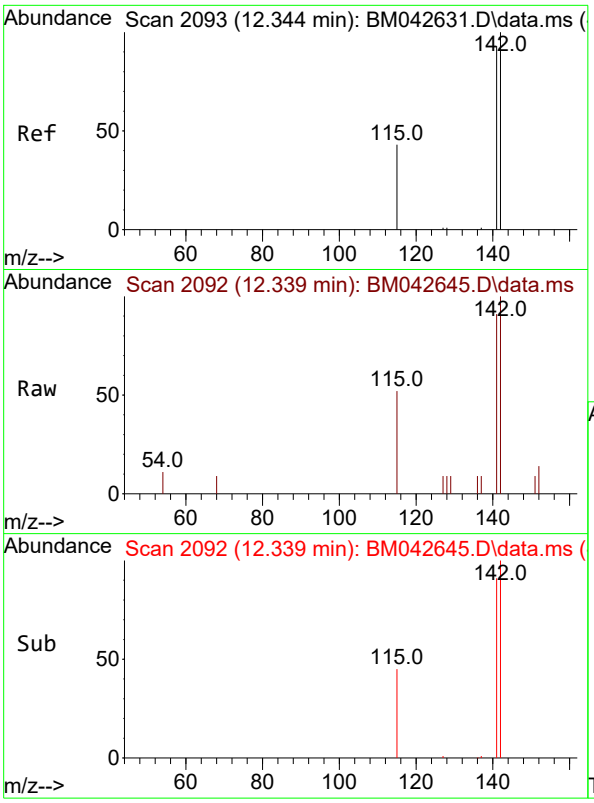


#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.013 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:128 Resp: 2346

Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.3	16.9
127	17.6	13.0	19.4



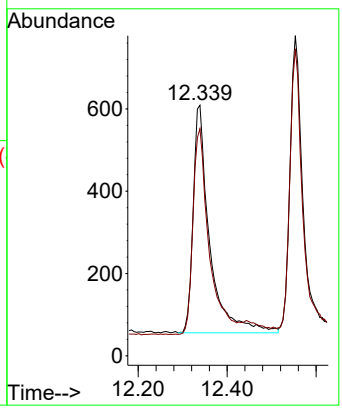


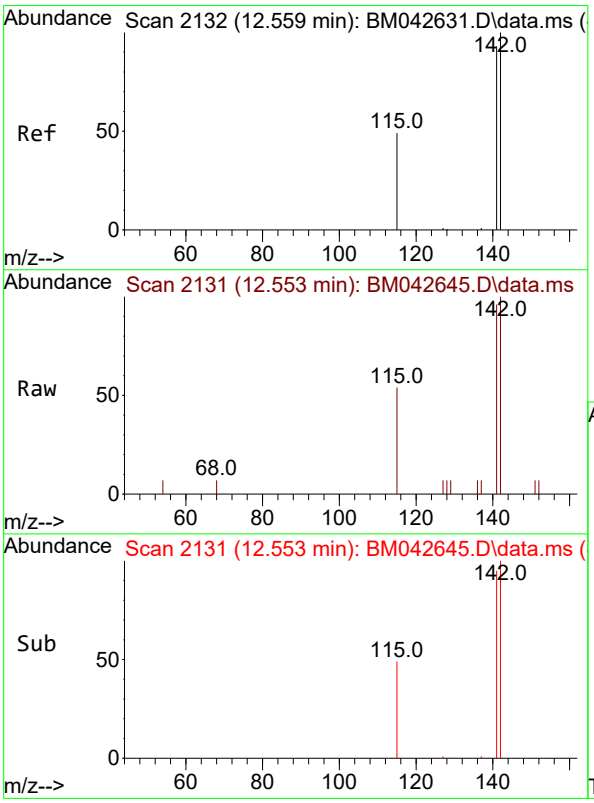
#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.339 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1423

Ion	Ratio	Lower	Upper
142	100		
141	96.2	71.7	107.5

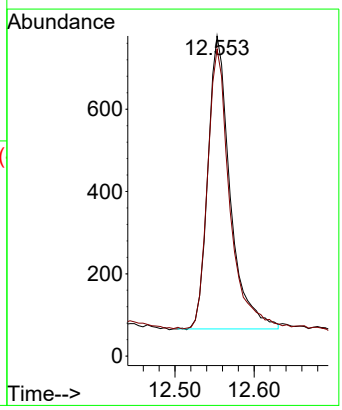


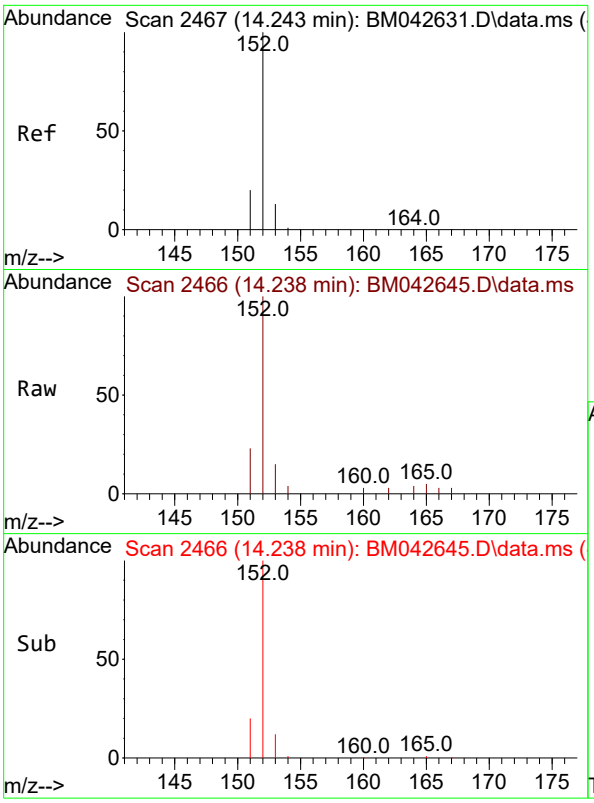


#8
1-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.553 min Scan# 2131
Delta R.T. -0.013 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:142 Resp: 1387

Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.4	113.2



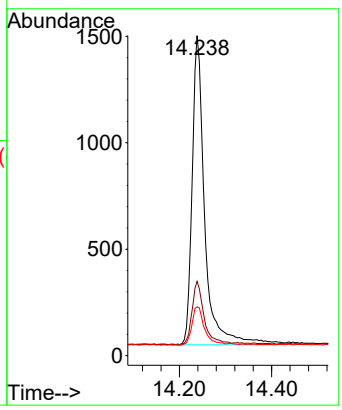


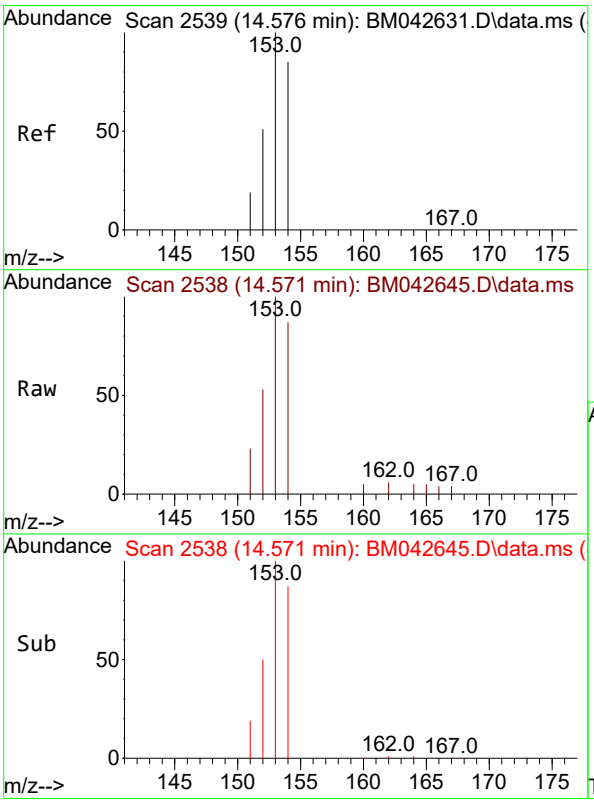
#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.238 min Scan# 24
Delta R.T. -0.007 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2751

Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.2	25.8
153	15.3	11.8	17.8

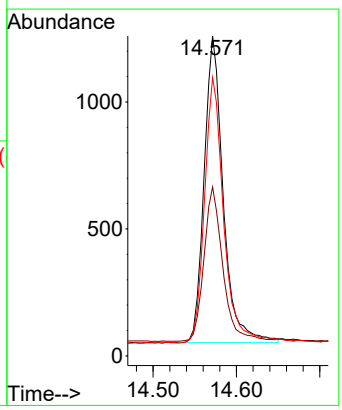


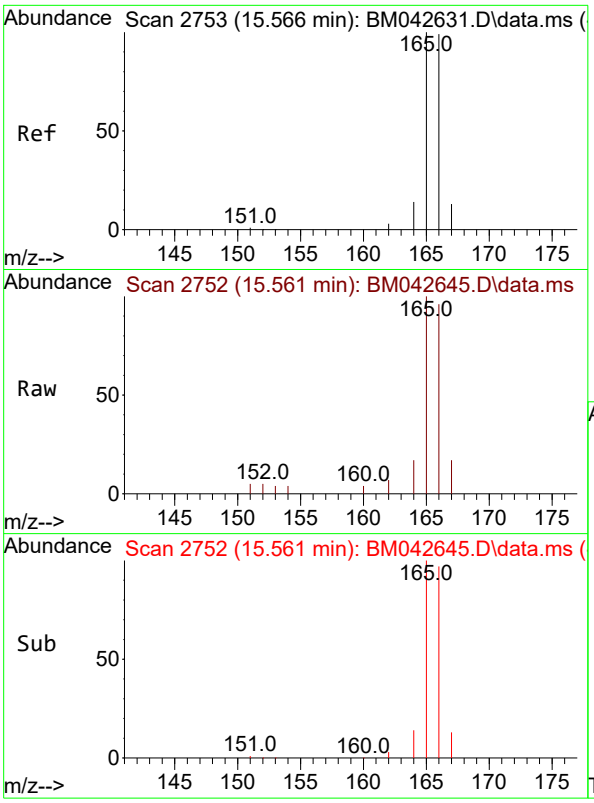


#11
Acenaphthene
Concen: 0.335 ng/ul
RT: 14.571 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:153 Resp: 1926

Ion	Ratio	Lower	Upper
153	100		
152	52.8	41.8	62.6
154	87.1	69.2	103.8



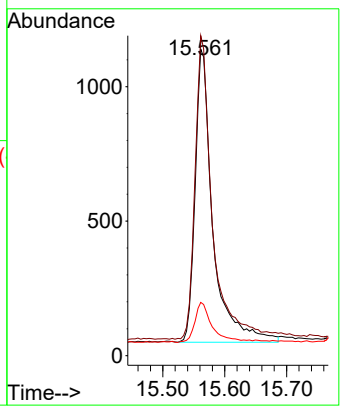


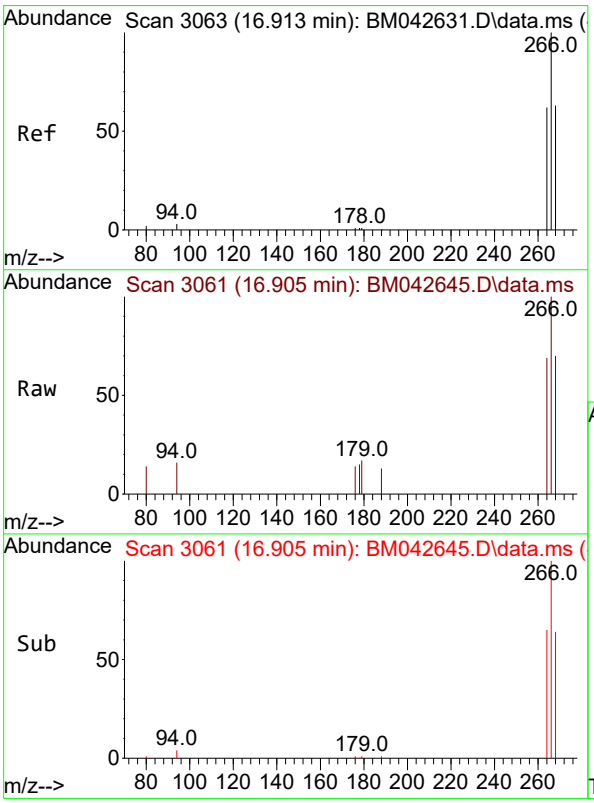
#12
Fluorene
Concen: 0.329 ng/ul
RT: 15.561 min Scan# 2
Delta R.T. -0.007 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2171

Ion	Ratio	Lower	Upper
166	100		
165	104.4	81.2	121.8
167	17.4	11.9	17.9

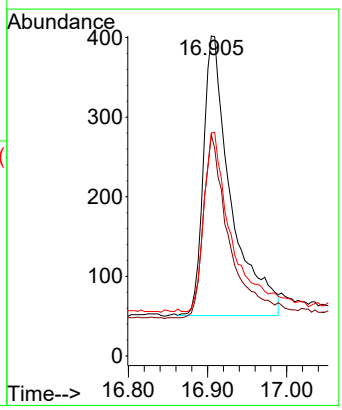


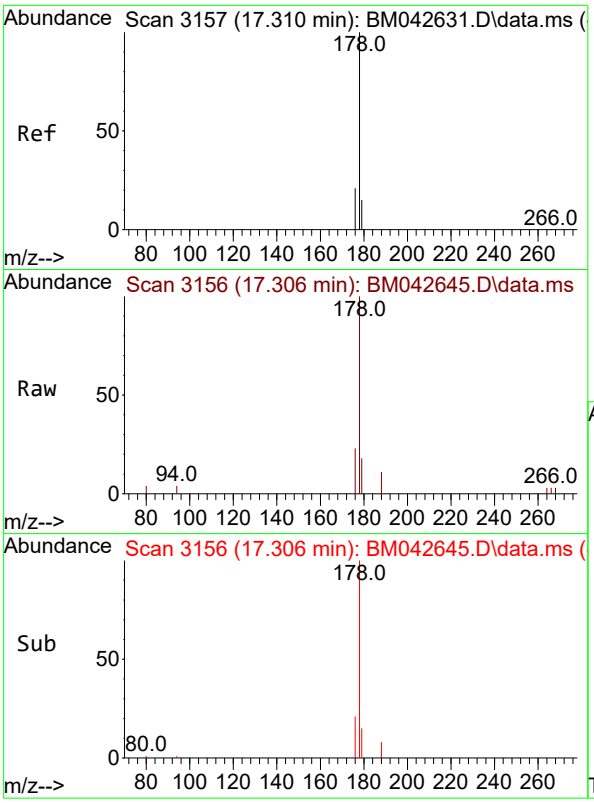


#14
Pentachlorophenol
Concen: 0.674 ng/ul
RT: 16.905 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:266 Resp: 844

Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.4	75.6
268	63.9	54.8	82.2



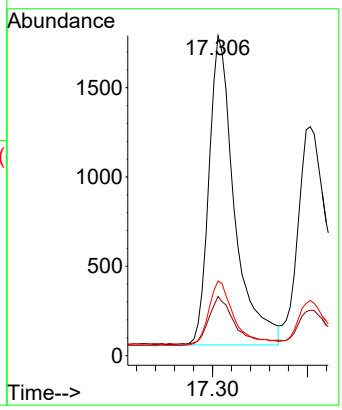


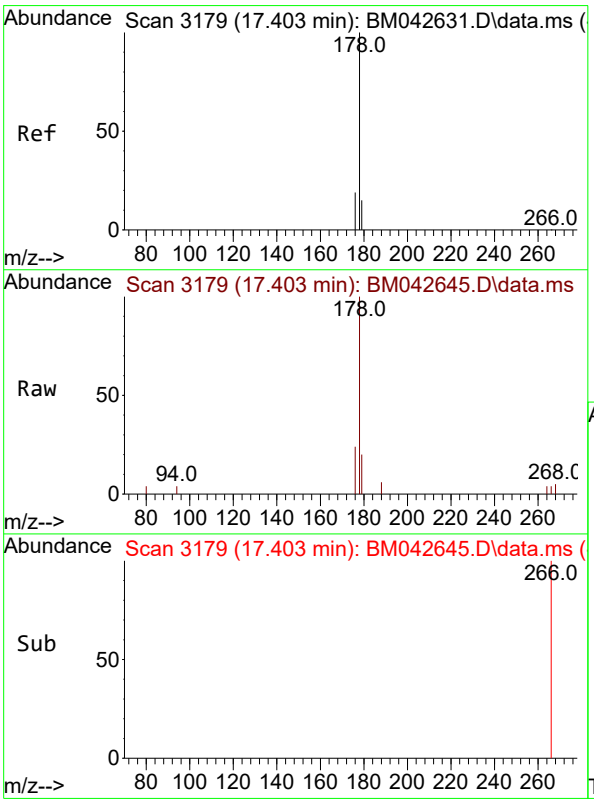
#15
Phenanthrene
Concen: 0.340 ng/ul
RT: 17.306 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3240

Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.7	20.5
176	23.3	18.2	27.2

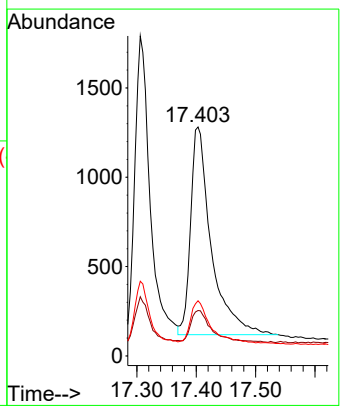


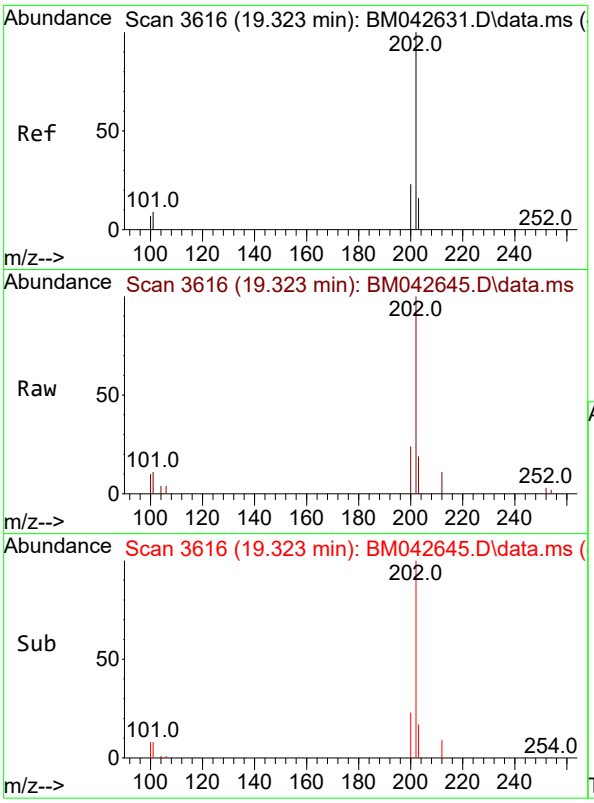


#16
Anthracene
Concen: 0.326 ng/ul
RT: 17.403 min Scan# 3179
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:178 Resp: 2809

Ion	Ratio	Lower	Upper
178	100		
179	19.8	14.2	21.4
176	24.1	17.6	26.4



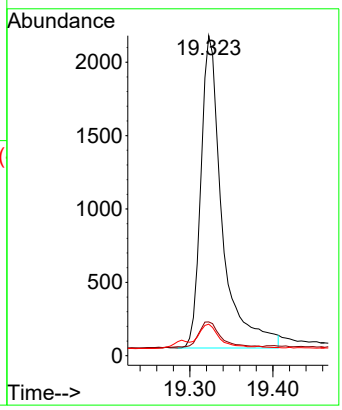


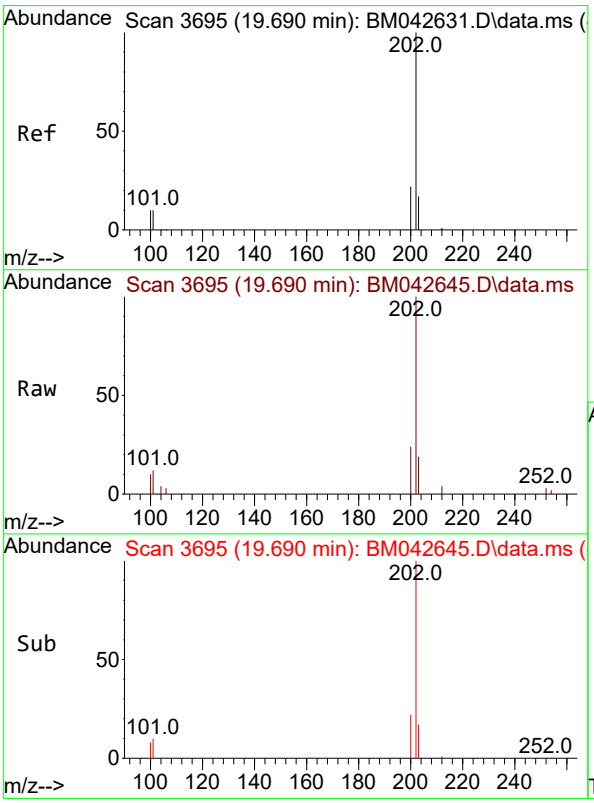
#19
Fluoranthene
Concen: 0.336 ng/ul
RT: 19.323 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3816

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.0	13.6
100	9.9	7.3	10.9

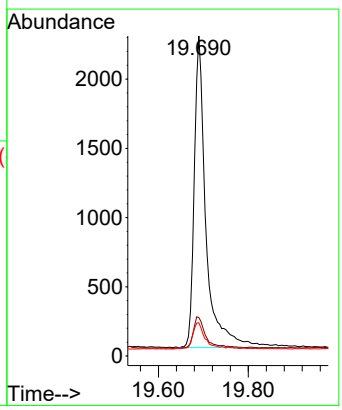


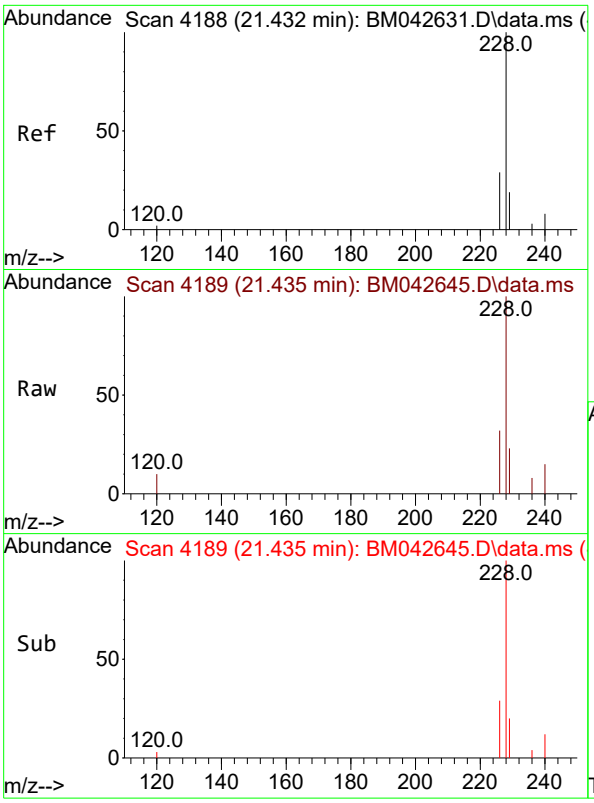


#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.690 min Scan# 3695
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:202 Resp: 4129

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.6	16.0
100	10.4	8.6	13.0



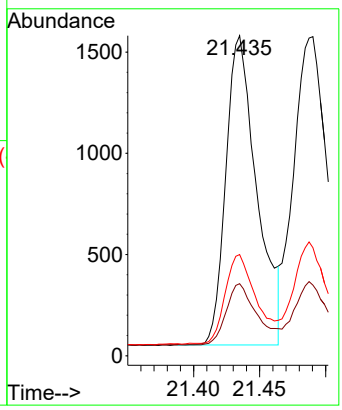


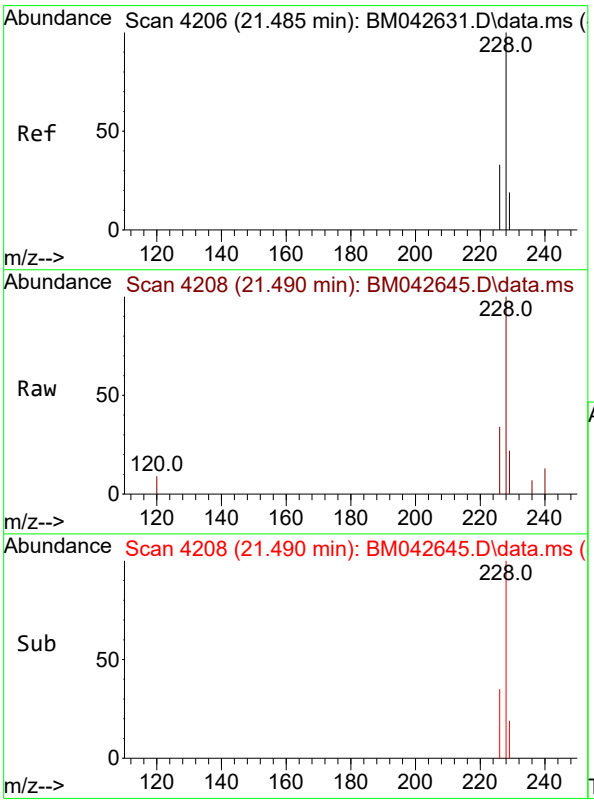
#21
Benzo(a)anthracene
Concen: 0.308 ng/ul
RT: 21.435 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2493

Ion	Ratio	Lower	Upper
228	100		
229	22.5	17.0	25.4
226	31.6	25.2	37.8

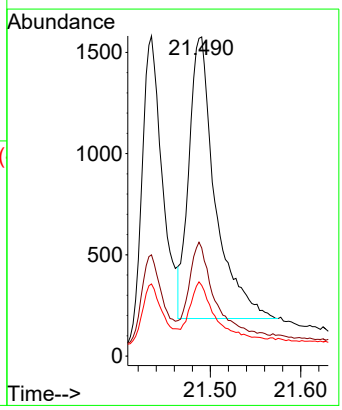


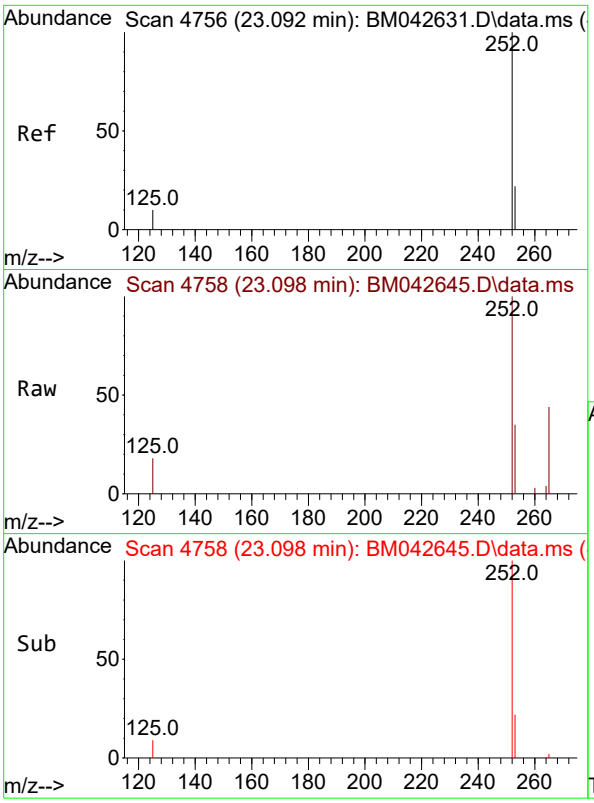


#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.490 min Scan# 4208
Delta R.T. -0.002 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:228 Resp: 2814

Ion	Ratio	Lower	Upper
228	100		
226	33.9	27.4	41.0
229	22.1	17.0	25.6



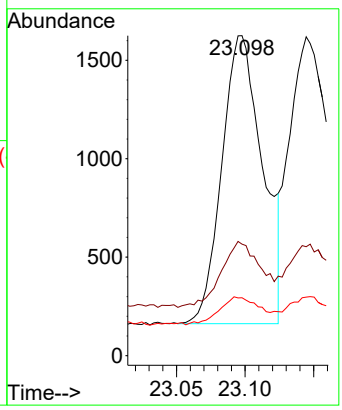


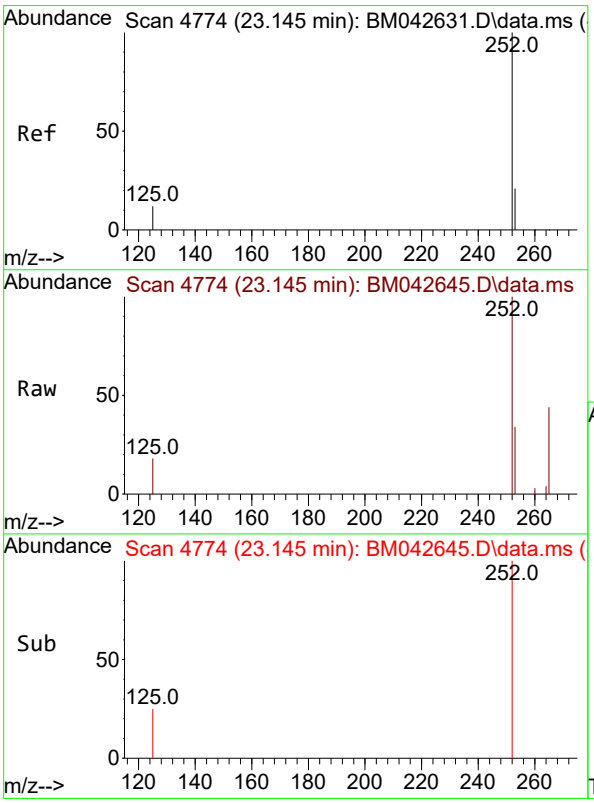
#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.098 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3027

Ion	Ratio	Lower	Upper
252	100		
253	34.8	0.0	65.8
125	18.1	0.0	43.6

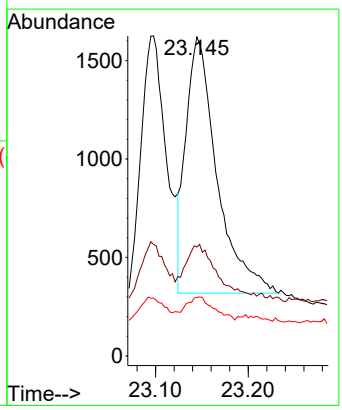


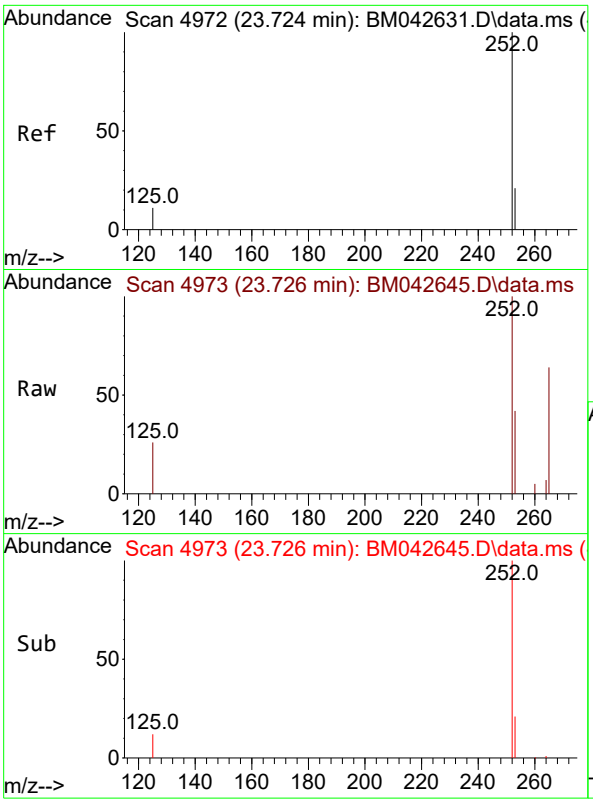


#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.145 min Scan# 4774
Delta R.T. -0.005 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:252 Resp: 3033

Ion	Ratio	Lower	Upper
252	100		
253	34.2	27.0	40.6
125	18.3	17.5	26.3



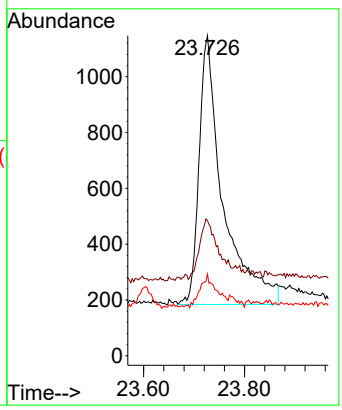


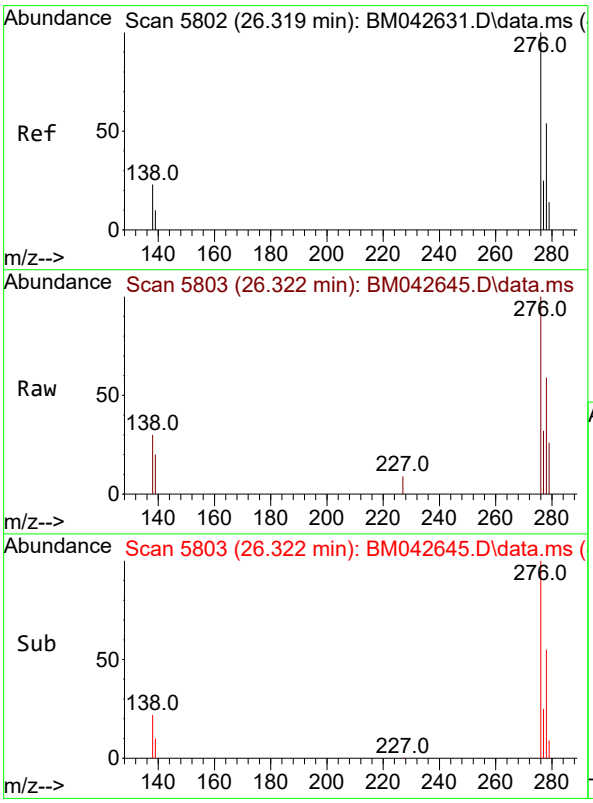
#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.726 min Scan# 4
Delta R.T. -0.008 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3169

Ion	Ratio	Lower	Upper
252	100		
253	42.2	31.7	47.5
125	25.5	22.1	33.1

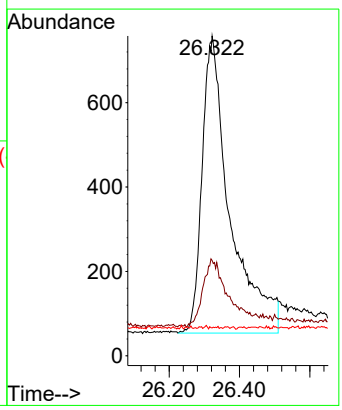


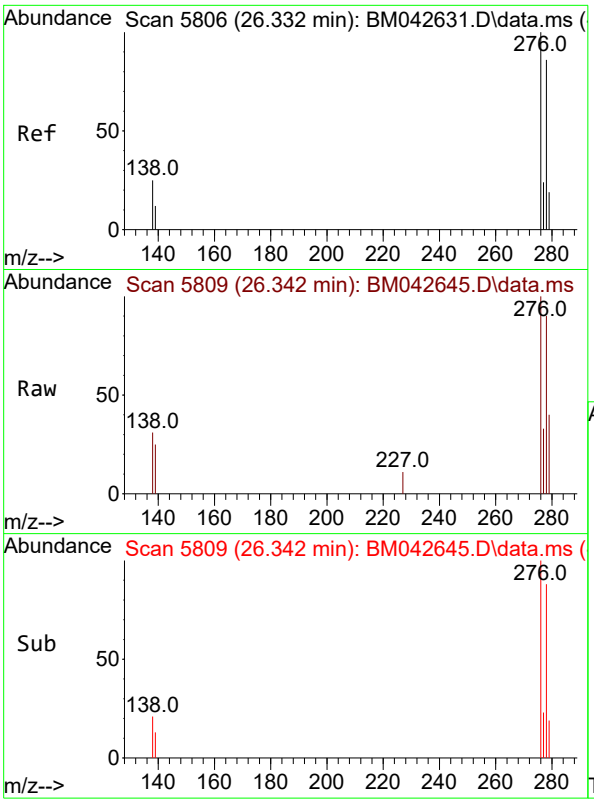


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.322 min Scan# 5803
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:276 Resp: 3872

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.7	31.1
227	0.1	0.1	0.1#



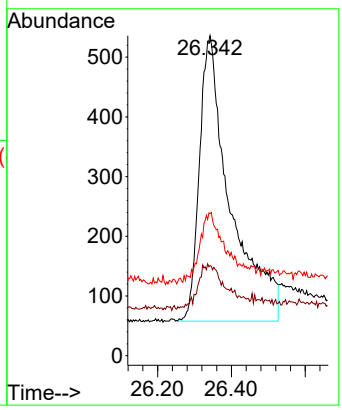


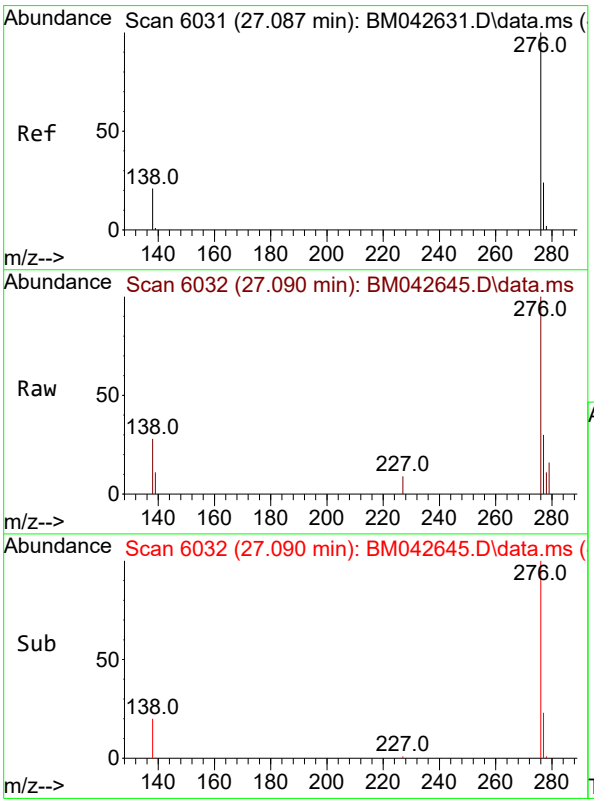
#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 26.342 min Scan# 5
Delta R.T. -0.006 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2780

Ion	Ratio	Lower	Upper
278	100		
139	28.2	24.3	36.5
279	44.4	31.5	47.3





#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.090 min Scan# 6032
Delta R.T. -0.016 min
Lab File: BM042645.D
Acq: 08 Nov 2023 12:34

Tgt Ion:276 Resp: 3514

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.3	33.5
277	30.1	23.6	35.4