Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043091.D
Acq On : 30 Nov 2023 18:52
Operator : MA/JU
Sample : 05497-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB7

Quant Time: Dec 01 00:44:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	858	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.612	136	2544	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.451	164	1401	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	2851	0.400	ng/ul	-0.02
17) Chrysene-d12	21.400	240	2187	0.400	ng/ul	#-0.01
23) Perylene-d12	23.747	264	3548	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1265	0.961	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	505	0.148	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	1152	0.145	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	38	0.027	ng/ul#	79
5) Naphthalene	10.662	128	3556	0.514	ng/ul#	89
7) 2-Methylnaphthalene	12.284	142	2216	0.543	ng/ul	95
8) 1-Methylnaphthalene	12.498	142	1606	0.353	ng/ul	98
10) Acenaphthylene	14.178	152	432	0.060	ng/ul#	64
11) Acenaphthene	14.516	153	682	0.126	ng/ul	96
12) Fluorene	15.511	166	724	0.130	ng/ul#	95
15) Phenanthrene	17.247	178	13679	1.681	ng/ul	93
16) Anthracene	17.344	178	3950	0.512	ng/ul	95
19) Fluoranthene	19.267	202	18437	1.487	ng/ul#	91
20) Pyrene	19.630	202	16623	1.261	ng/ul#	94
21) Benzo(a)anthracene	21.382	228	7786	1.097	ng/ul	96
22) Chrysene	21.438	228	7503	0.568	ng/ul	98
24) Benzo(b)fluoranthene	23.025	252	9168	0.766	ng/ul	87
25) Benzo(k)fluoranthene	23.025	252	13952	0.846	ng/ul#	88
26) Benzo(a)pyrene	23.642	252	6249	0.478	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.191	276	5139	0.291	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.198	278	1306	0.095	ng/ul#	84
29) Benzo(g,h,i)perylene	26.953	276	6166	0.358	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
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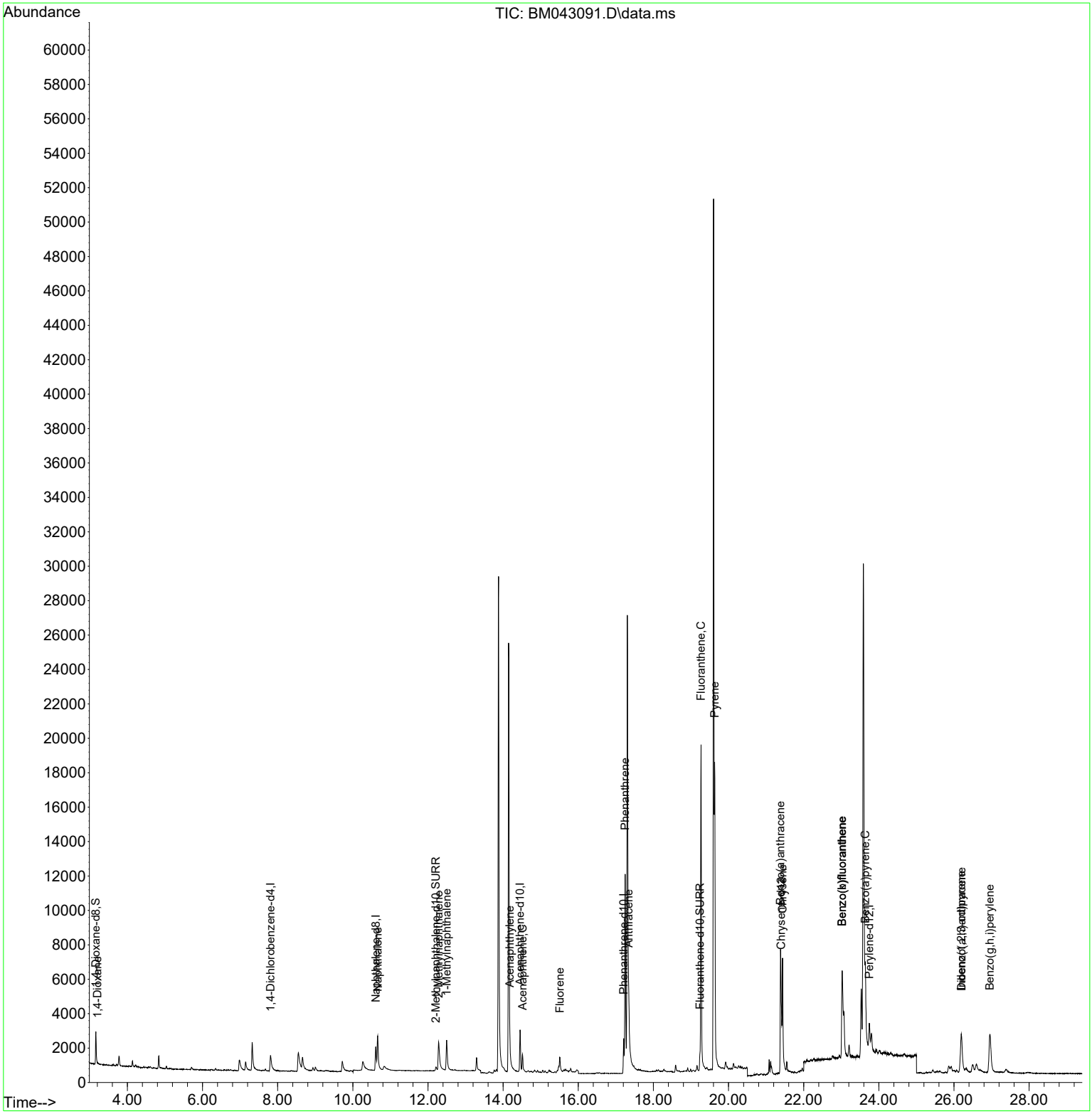
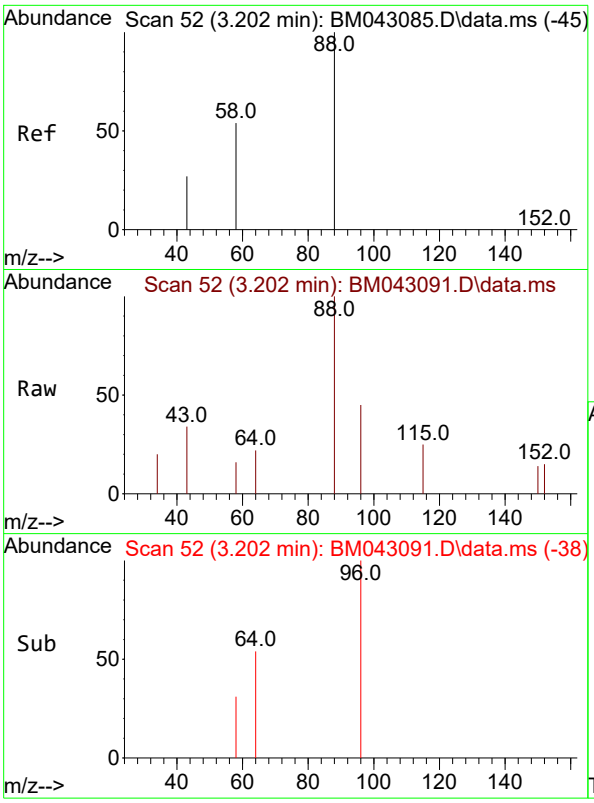


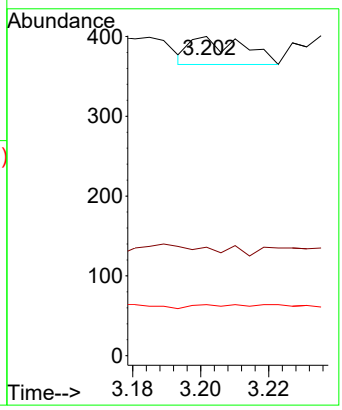


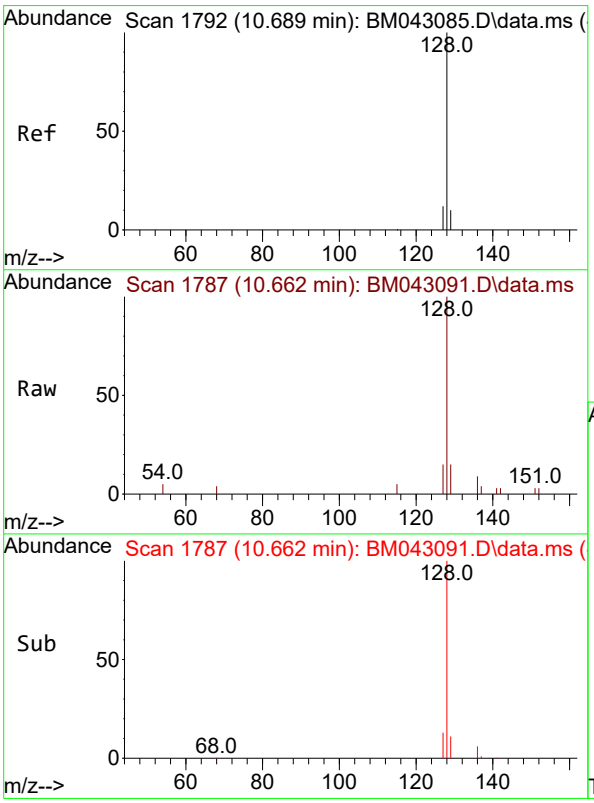
#2
1,4-Dioxane
Concen: 0.027 ng/ul
RT: 3.202 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion: 88 Resp: 38

Ion	Ratio	Lower	Upper
88	100		
43	34.0	22.8	34.2
58	16.0	26.8	40.2#

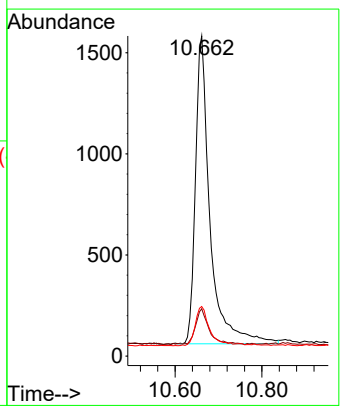


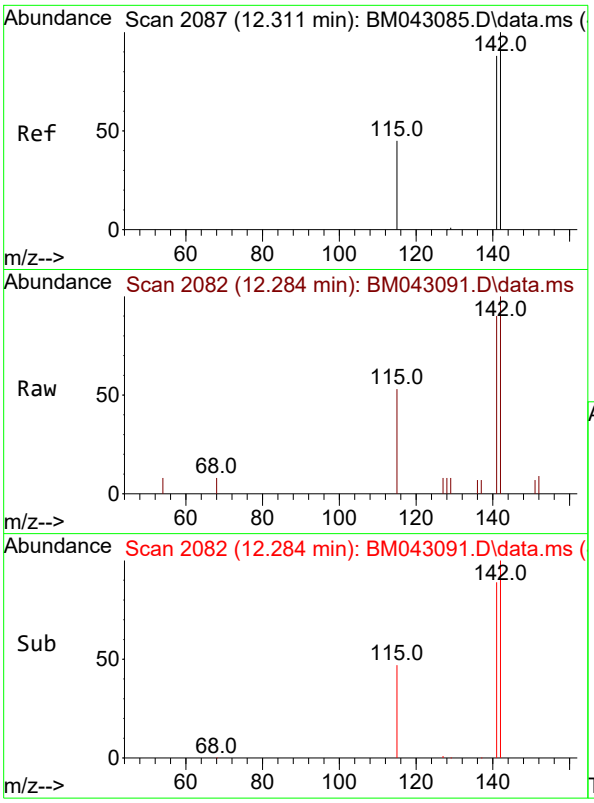


#5
Naphthalene
Concen: 0.514 ng/ul
RT: 10.662 min Scan# 1787
Delta R.T. -0.027 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:128 Resp: 3556

Ion	Ratio	Lower	Upper
128	100		
129	14.8	16.0	24.0#
127	15.5	16.5	24.7#



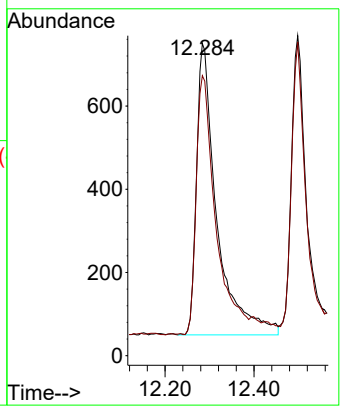


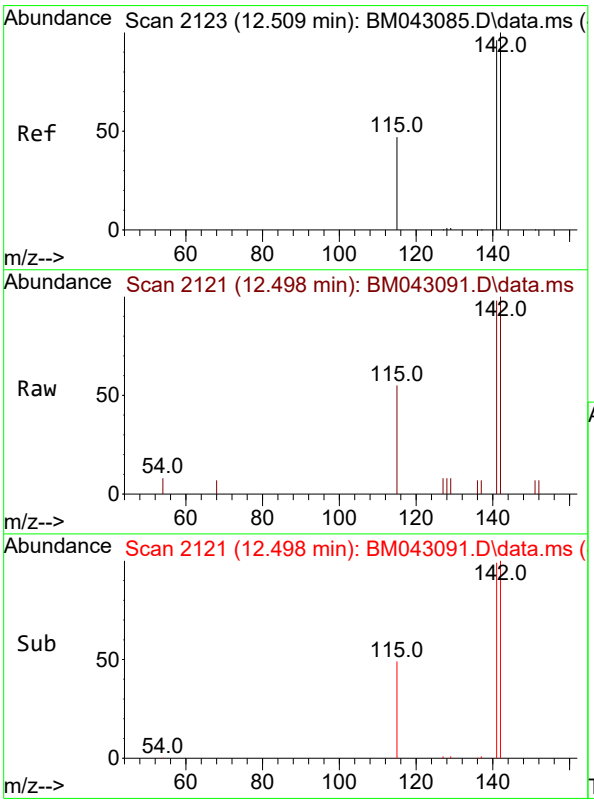
#7
2-Methylnaphthalene
Concen: 0.543 ng/ul
RT: 12.284 min Scan# 2
Delta R.T. -0.027 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:142 Resp: 2216

Ion	Ratio	Lower	Upper
142	100		
141	90.7	76.1	114.1

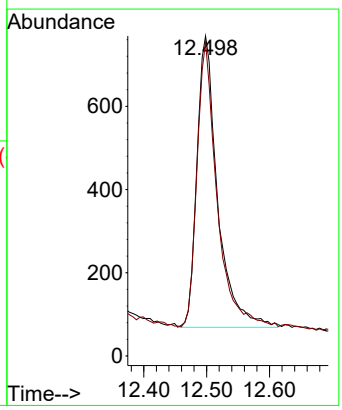


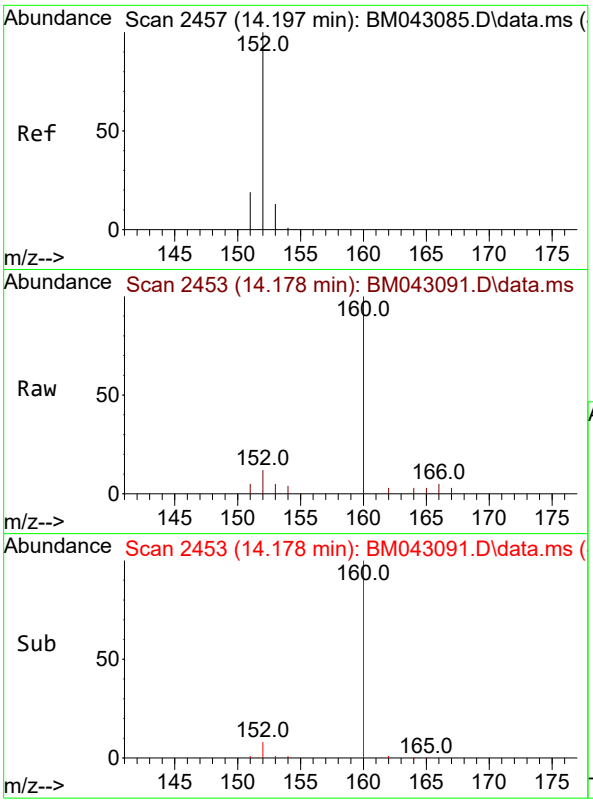


#8
1-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.498 min Scan# 2121
Delta R.T. -0.011 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:142 Resp: 1606

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.8	110.8



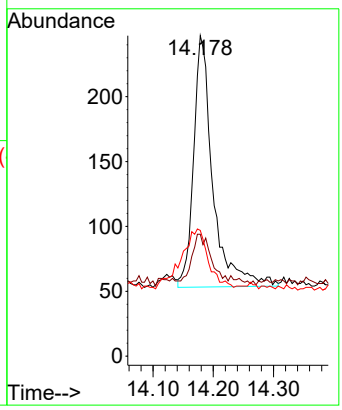


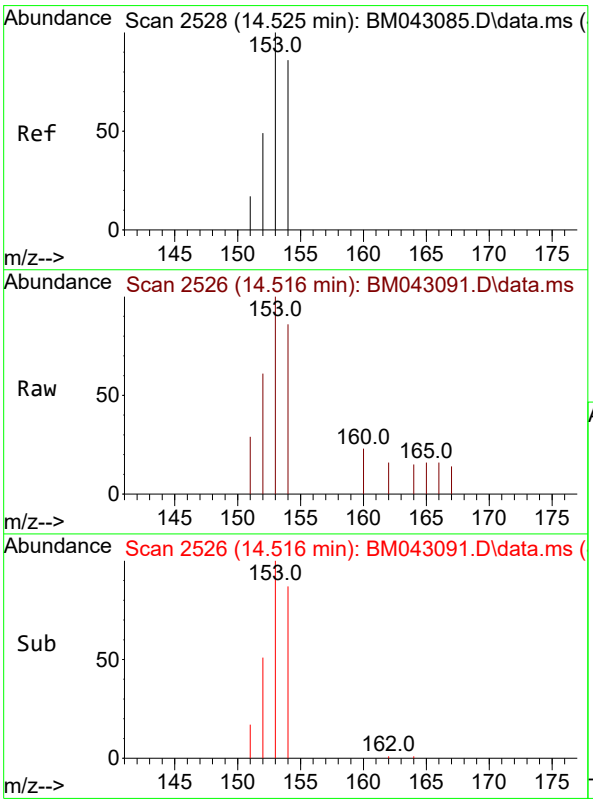
#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:152 Resp: 432

Ion	Ratio	Lower	Upper
152	100		
151	38.1	19.4	29.0#
153	39.3	14.6	21.8#

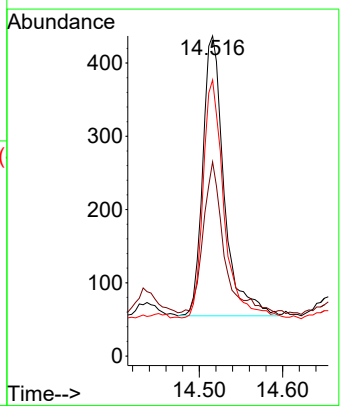


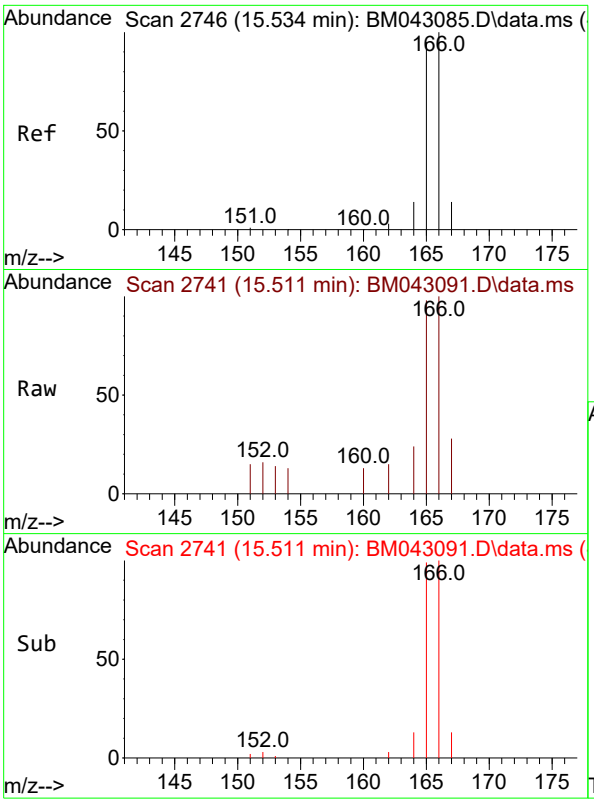


#11
Acenaphthene
Concen: 0.126 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.009 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:153 Resp: 682

Ion	Ratio	Lower	Upper
153	100		
152	60.6	43.9	65.9
154	86.3	70.6	105.8



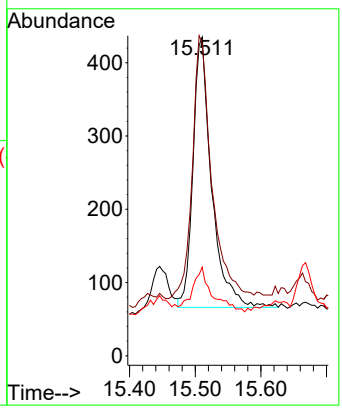


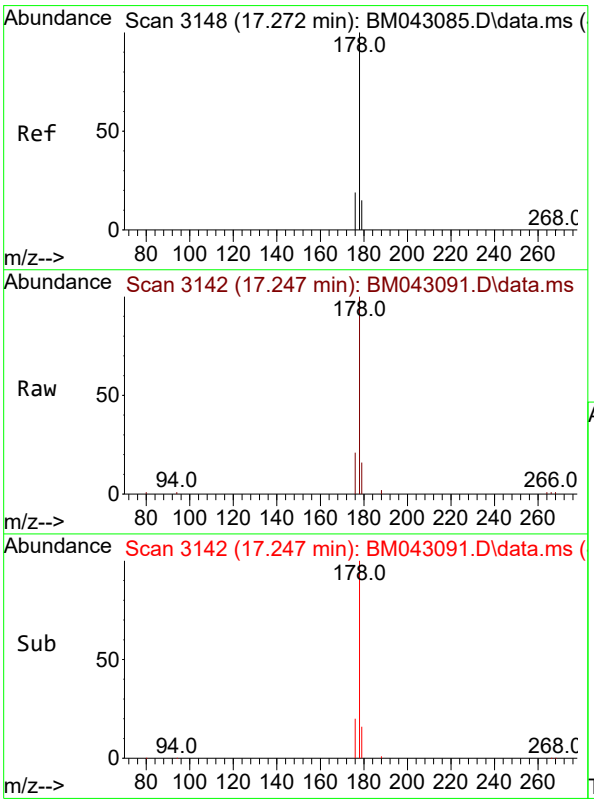
#12
Fluorene
Concen: 0.130 ng/ul
RT: 15.511 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:166 Resp: 724

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.9	119.9
167	27.8	14.2	21.4#

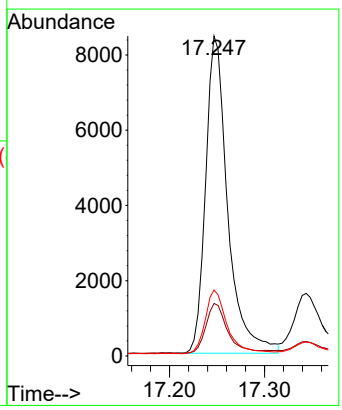


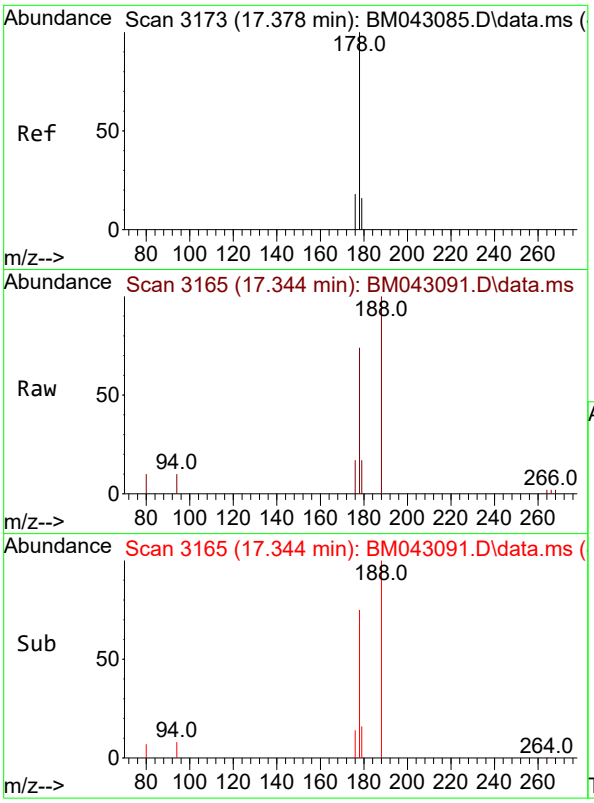


#15
Phenanthrene
Concen: 1.681 ng/ul
RT: 17.247 min Scan# 3142
Delta R.T. -0.025 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:178 Resp: 13679

Ion	Ratio	Lower	Upper
178	100		
179	16.4	15.7	23.5
176	20.6	18.9	28.3



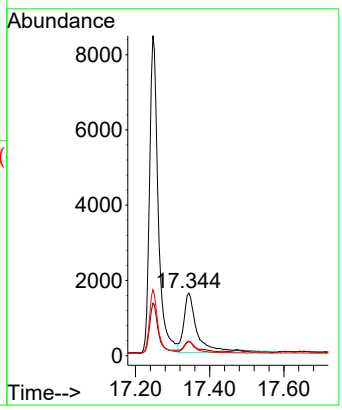


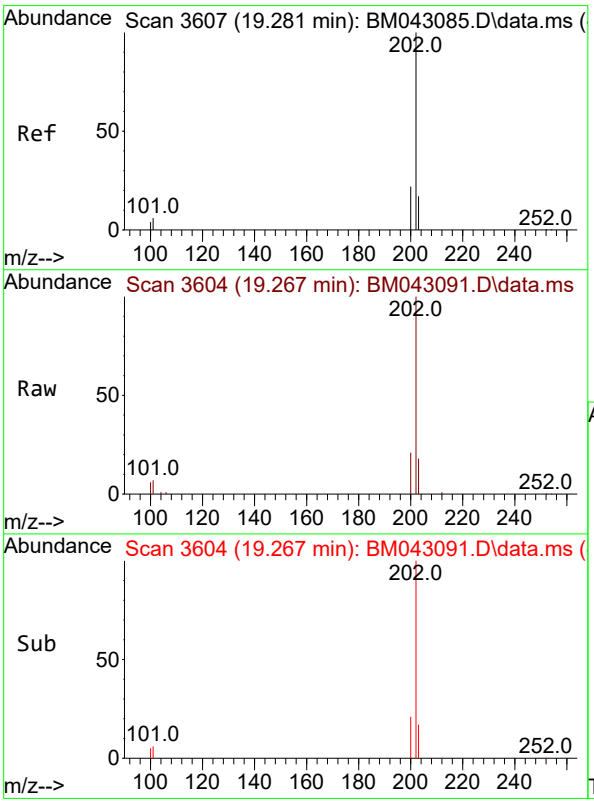
#16
Anthracene
Concen: 0.512 ng/ul
RT: 17.344 min Scan# 3
Delta R.T. -0.034 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:178 Resp: 3950

Ion	Ratio	Lower	Upper
178	100		
179	22.9	17.3	25.9
176	22.3	20.5	30.7

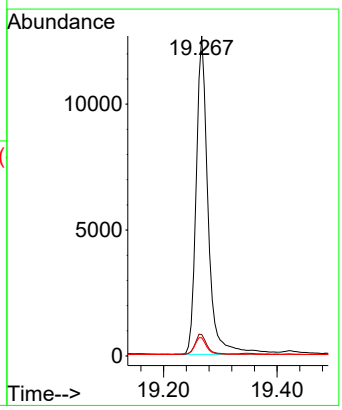


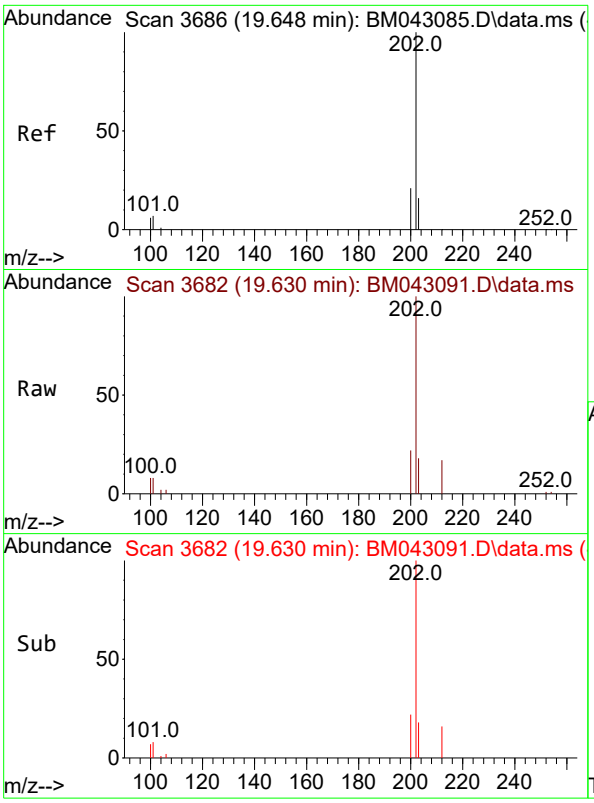


#19
Fluoranthene
Concen: 1.487 ng/ul
RT: 19.267 min Scan# 3604
Delta R.T. -0.014 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:202 Resp: 18437

Ion	Ratio	Lower	Upper
202	100		
101	6.7	7.8	11.8#
100	5.7	7.1	10.7#



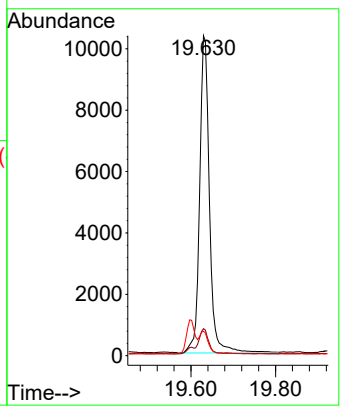


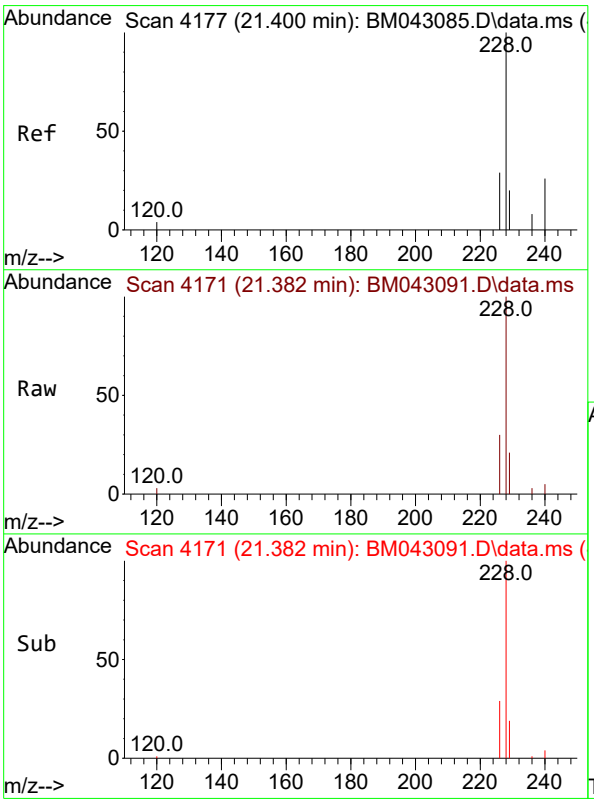
#20
Pyrene
Concen: 1.261 ng/ul
RT: 19.630 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:202 Resp: 16623

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.7	13.1#
100	7.6	7.8	11.8#

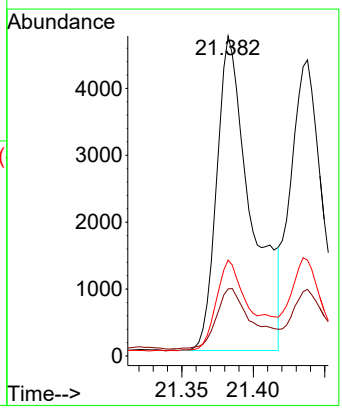


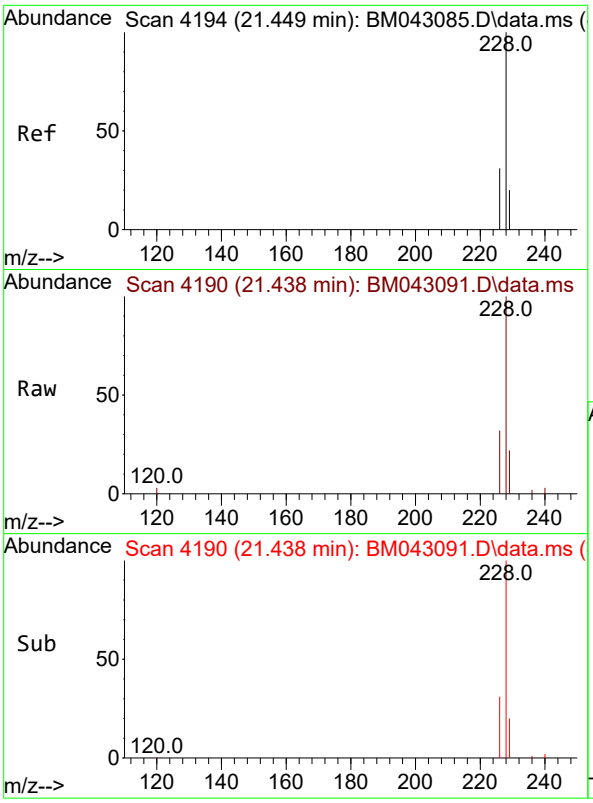


#21
Benzo(a)anthracene
Concen: 1.097 ng/ul
RT: 21.382 min Scan# 4171
Delta R.T. -0.017 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:228 Resp: 7786

Ion	Ratio	Lower	Upper
228	100		
229	20.9	19.4	29.0
226	29.9	24.9	37.3



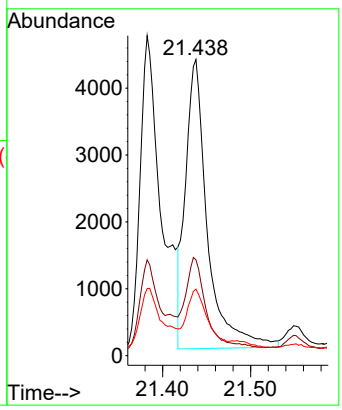


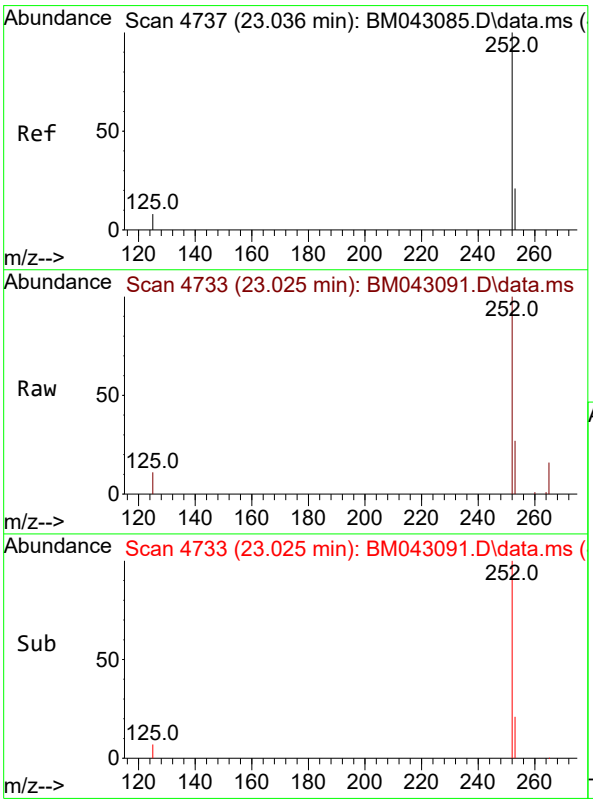
#22
Chrysene
Concen: 0.568 ng/ul
RT: 21.438 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:228 Resp: 7503

Ion	Ratio	Lower	Upper
228	100		
226	32.4	27.2	40.8
229	22.5	18.0	27.0

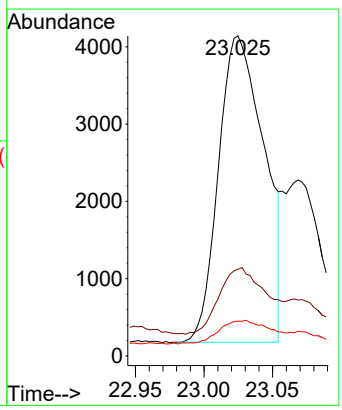


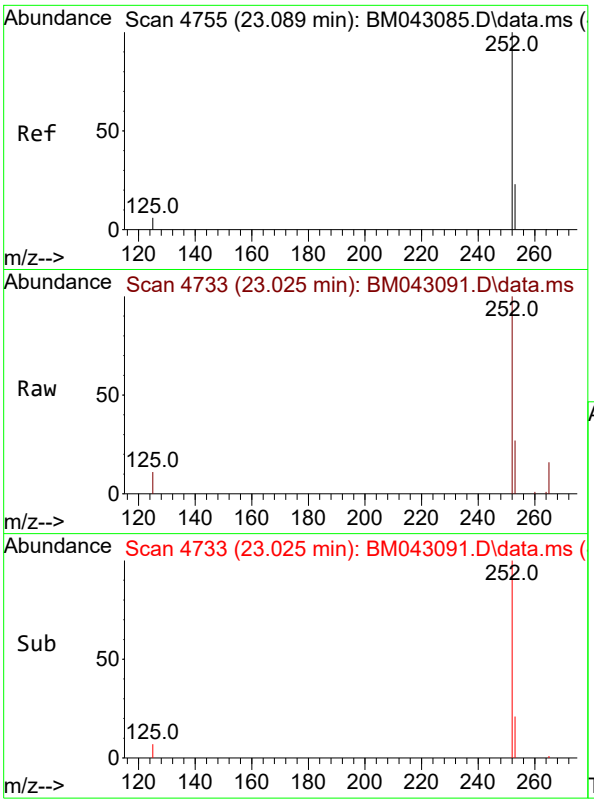


#24
Benzo(b)fluoranthene
Concen: 0.766 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.012 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:252 Resp: 9168

Ion	Ratio	Lower	Upper
252	100		
253	27.1	0.0	71.8
125	10.9	0.0	29.0



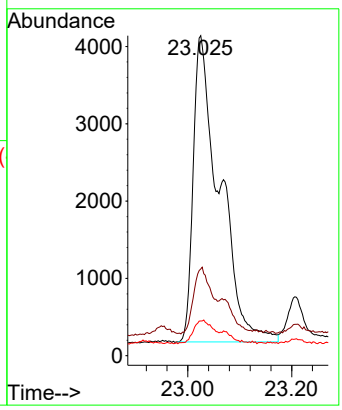


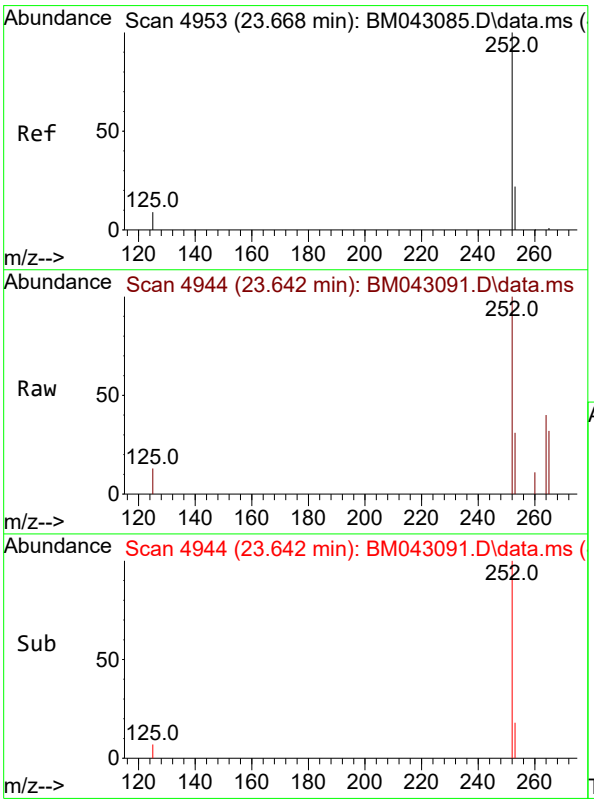
#25
Benzo(k)fluoranthene
Concen: 0.846 ng/ul
RT: 23.025 min Scan# 4
Delta R.T. -0.064 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:252 Resp: 13952

Ion	Ratio	Lower	Upper
252	100		
253	27.1	28.2	42.2#
125	10.9	11.0	16.6#

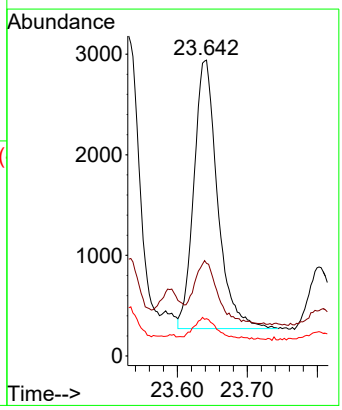


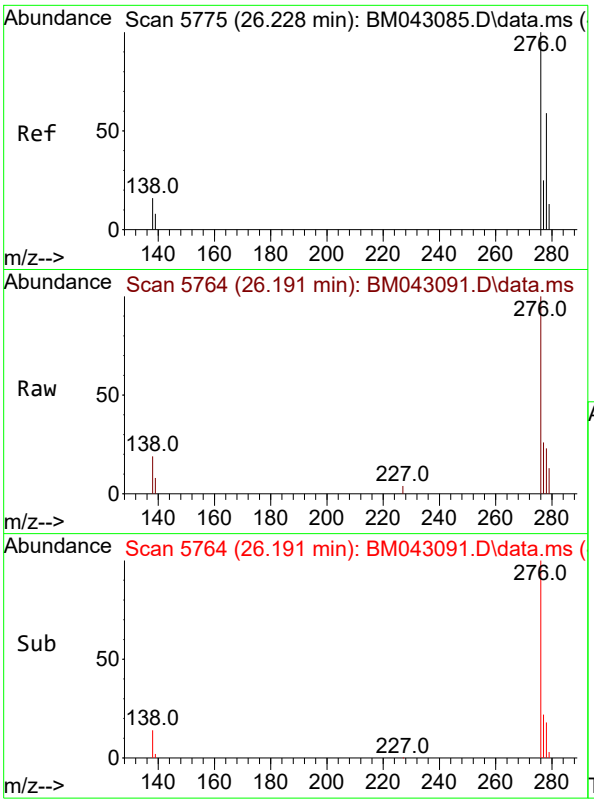


#26
Benzo(a)pyrene
Concen: 0.478 ng/ul
RT: 23.642 min Scan# 4944
Delta R.T. -0.026 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:252 Resp: 6249

Ion	Ratio	Lower	Upper
252	100		
253	31.3	36.6	55.0#
125	12.6	16.2	24.4#



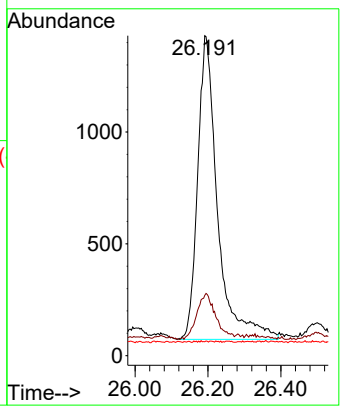


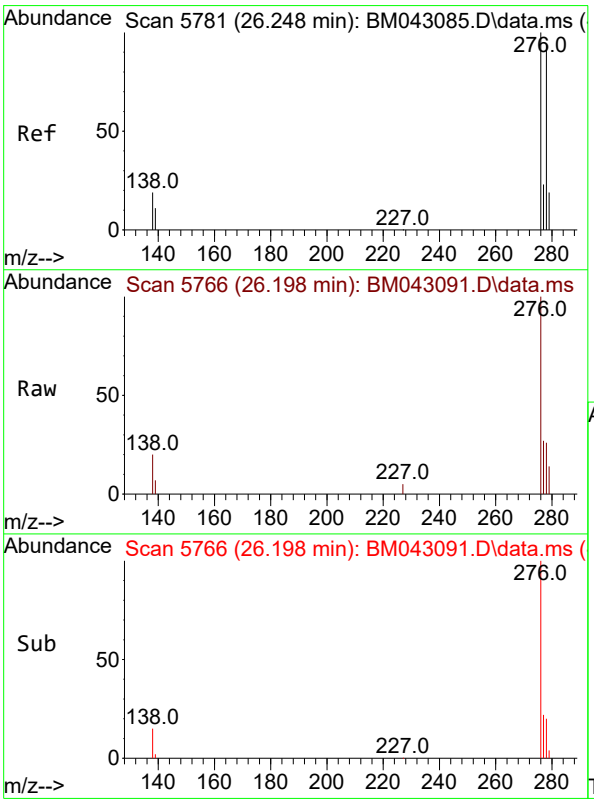
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.291 ng/ul
RT: 26.191 min Scan# 5
Delta R.T. -0.037 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:276 Resp: 5139

Ion	Ratio	Lower	Upper
276	100		
138	14.4	0.0	0.0#
227	0.0	0.2	0.2#

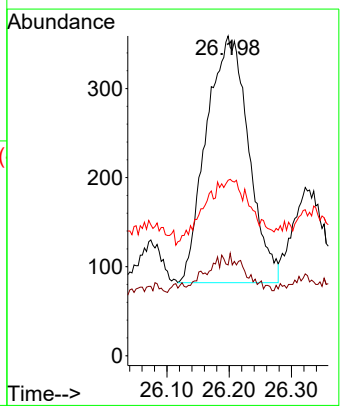


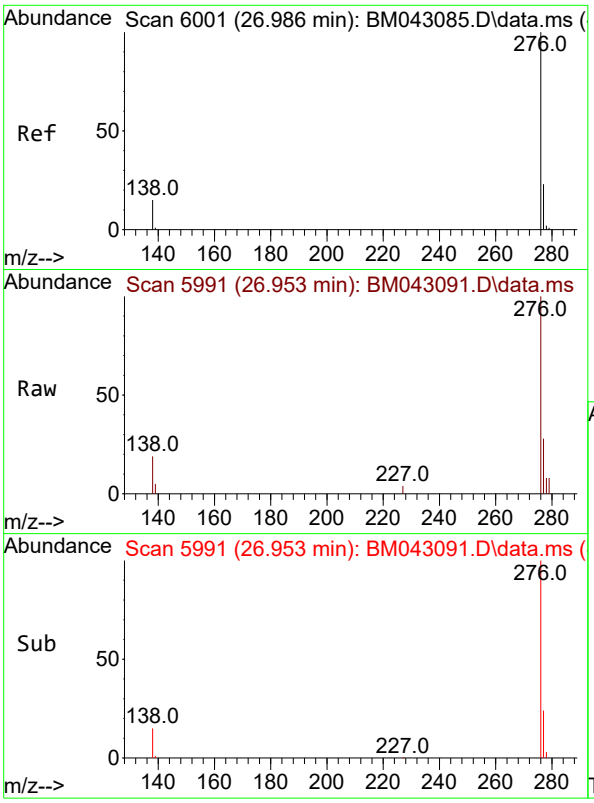


#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.198 min Scan# 5766
Delta R.T. -0.050 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Tgt Ion:278 Resp: 1306

Ion	Ratio	Lower	Upper
278	100		
139	28.4	18.1	27.1#
279	54.9	34.4	51.6#





#29
Benzo(g,h,i)perylene
Concen: 0.358 ng/ul
RT: 26.953 min Scan# 5
Delta R.T. -0.033 min
Lab File: BM043091.D
Acq: 30 Nov 2023 18:52

Instrument :
BNA_M
ClientSampleId :
C0AB7

Tgt Ion:276 Resp: 6166

Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.8	26.8
277	28.2	23.8	35.8