Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
Data File : BM041884.D
Acq On : 15 Sep 2023 13:48
Operator : MA/JU
Sample : SSTD0.839
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Quant Time: Sep 16 03:43:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 16 03:41:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	7968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	19743	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	10217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	21771	0.400	ng/ul	0.00
17) Chrysene-d12	21.542	240	13266	0.400	ng/ul	0.00
23) Perylene-d12	23.962	264	14468	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	7426	0.755	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	21517	0.807	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	39416	0.874	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.419	88	7698	0.747	ng/ul#	88
5) Naphthalene	10.840	128	51197	0.780	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	32664	0.818	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	33151	0.815	ng/ul	100
10) Acenaphthylene	14.342	152	55750	0.863	ng/ul	99
11) Acenaphthene	14.680	153	38524	0.796	ng/ul	100
12) Fluorene	15.665	166	44923	0.791	ng/ul	99
14) Pentachlorophenol	16.995	266	10090	0.822	ng/ul	100
15) Phenanthrene	17.413	178	70291	0.753	ng/ul	100
16) Anthracene	17.502	178	67424	0.817	ng/ul	99
19) Fluoranthene	19.422	202	80536	0.803	ng/ul	100
20) Pyrene	19.789	202	83667	0.796	ng/ul	100
21) Benzo(a)anthracene	21.524	228	65925	0.773	ng/ul	98
22) Chrysene	21.580	228	61813	0.718	ng/ul	98
24) Benzo(b)fluoranthene	23.216	252	65374	0.662	ng/ul	93
25) Benzo(k)fluoranthene	23.263	252	62568	0.686	ng/ul#	92
26) Benzo(a)pyrene	23.854	252	55318	0.726	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.465	276	73655	0.640	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.488	278	54854	0.646	ng/ul	95
29) Benzo(g,h,i)perylene	27.253	276	60027	0.621	ng/ul	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091523\
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Quant Time: Sep 16 03:43:41 2023
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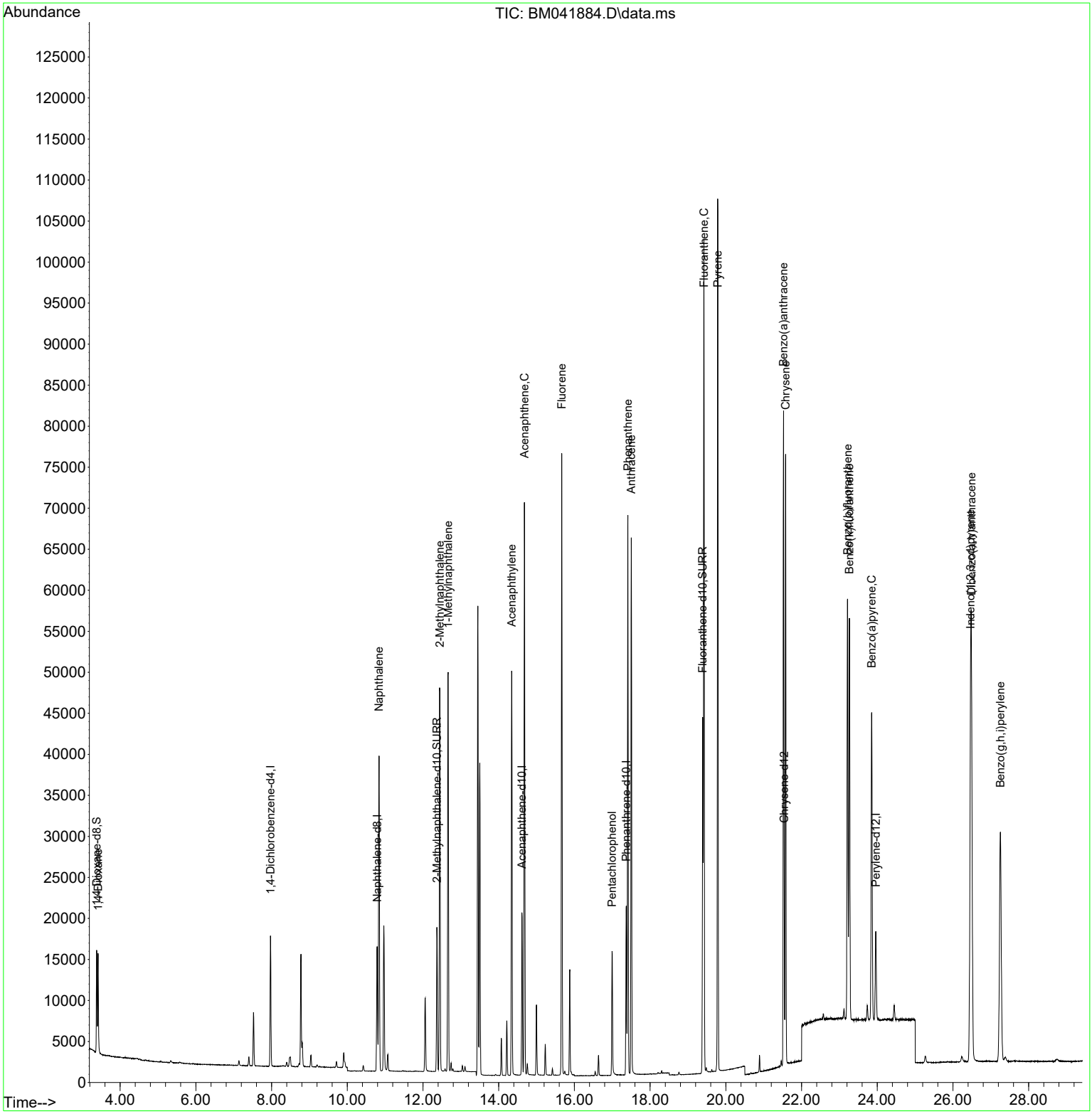
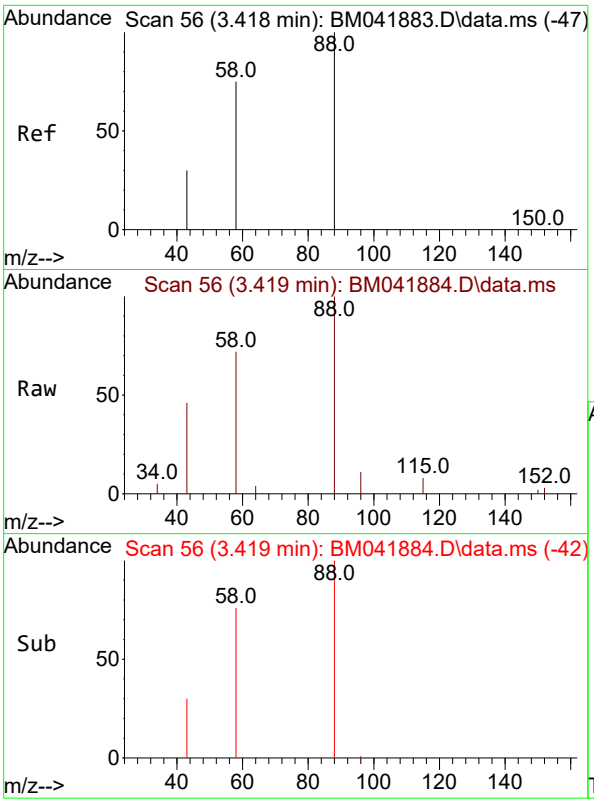


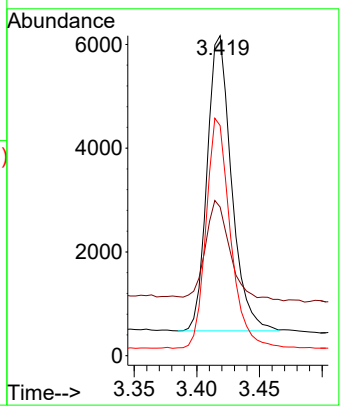


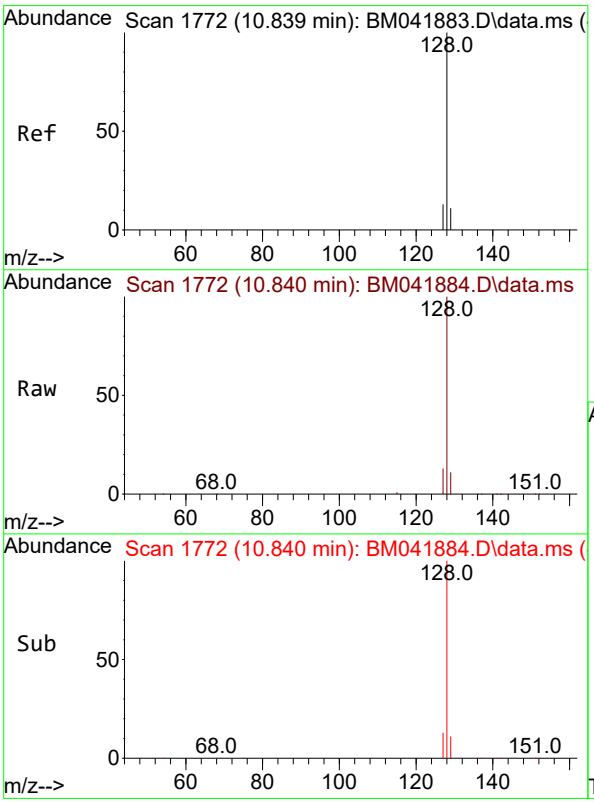
#2
1,4-Dioxane
Concen: 0.747 ng/ul
RT: 3.419 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion: 88 Resp: 7698

Ion	Ratio	Lower	Upper
88	100		
43	46.5	51.0	76.4#
58	71.9	56.2	84.4

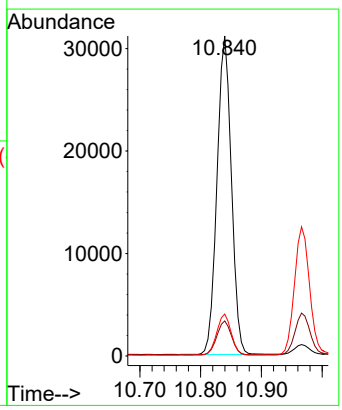


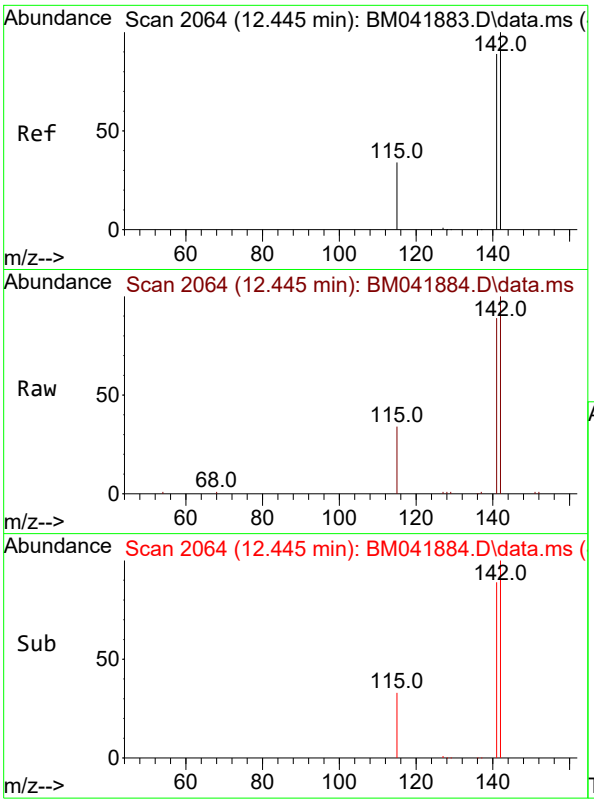


#5
Naphthalene
Concen: 0.780 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:128 Resp: 51197

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.1	10.6	16.0



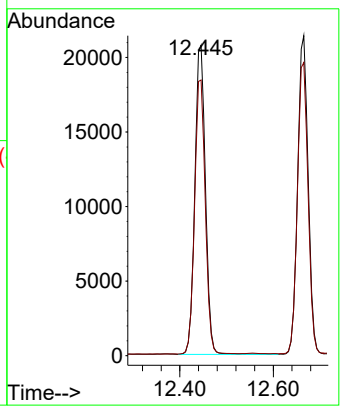


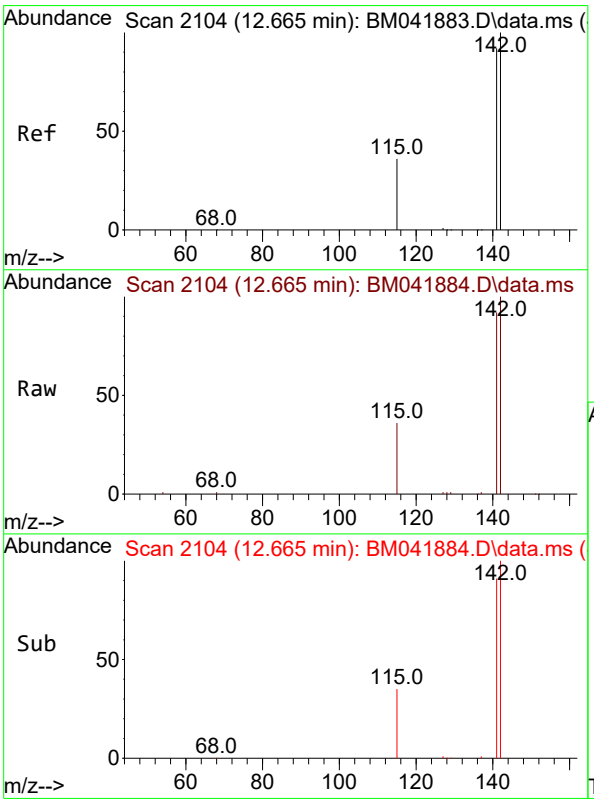
#7
2-Methylnaphthalene
Concen: 0.818 ng/ul
RT: 12.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:142 Resp: 32664

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.1	106.7

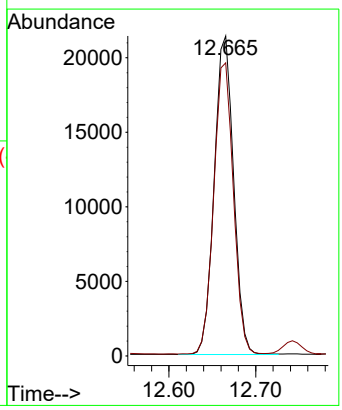


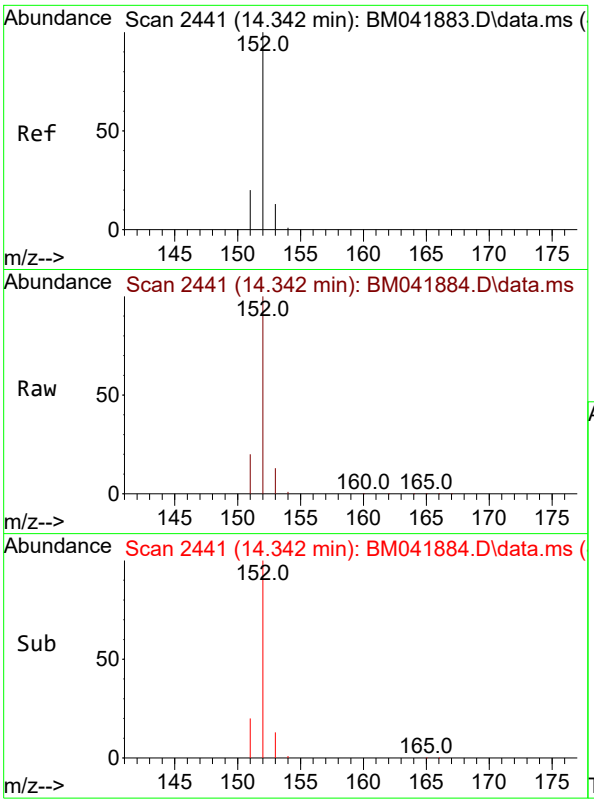


#8
1-Methylnaphthalene
Concen: 0.815 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:142 Resp: 33151

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9



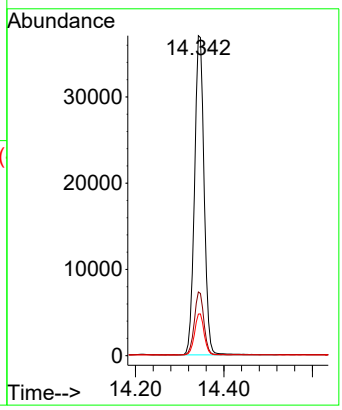


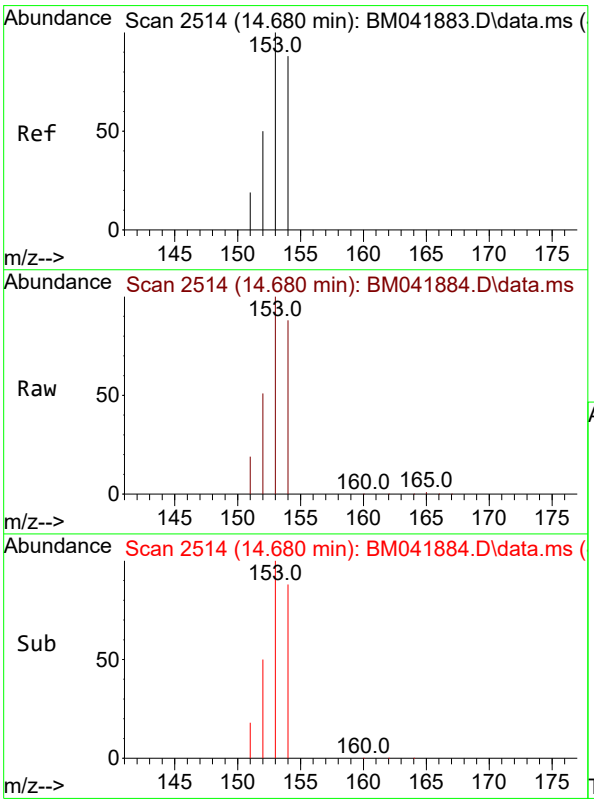
#10
Acenaphthylene
Concen: 0.863 ng/ul
RT: 14.342 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:152 Resp: 55750

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.4	24.6
153	13.0	10.6	16.0

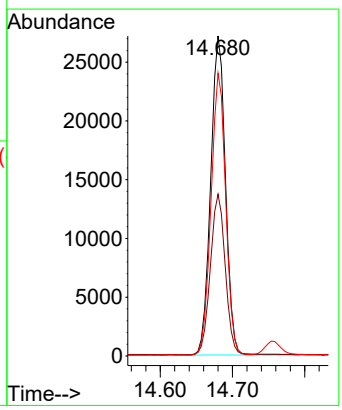


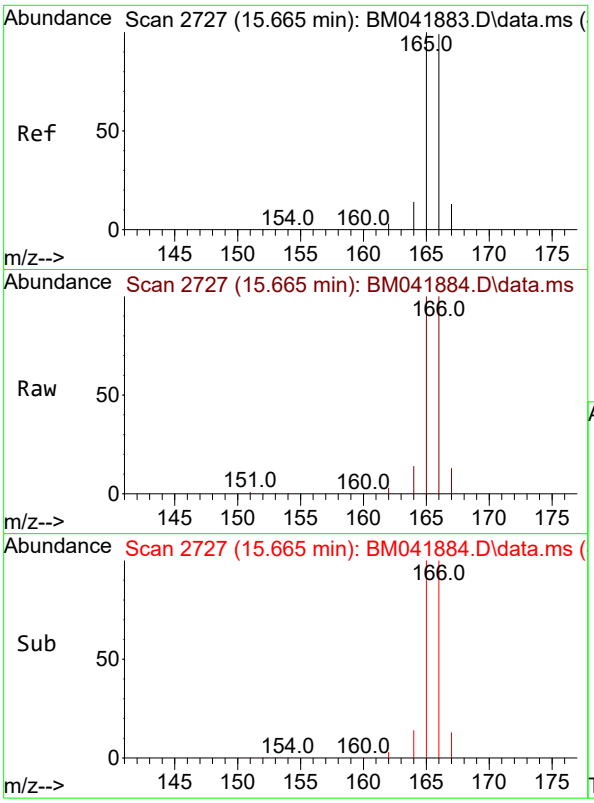


#11
Acenaphthene
Concen: 0.796 ng/ul
RT: 14.680 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:153 Resp: 38524

Ion	Ratio	Lower	Upper
153	100		
152	50.5	40.5	60.7
154	88.3	70.2	105.4



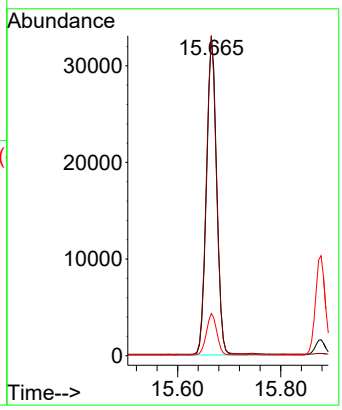


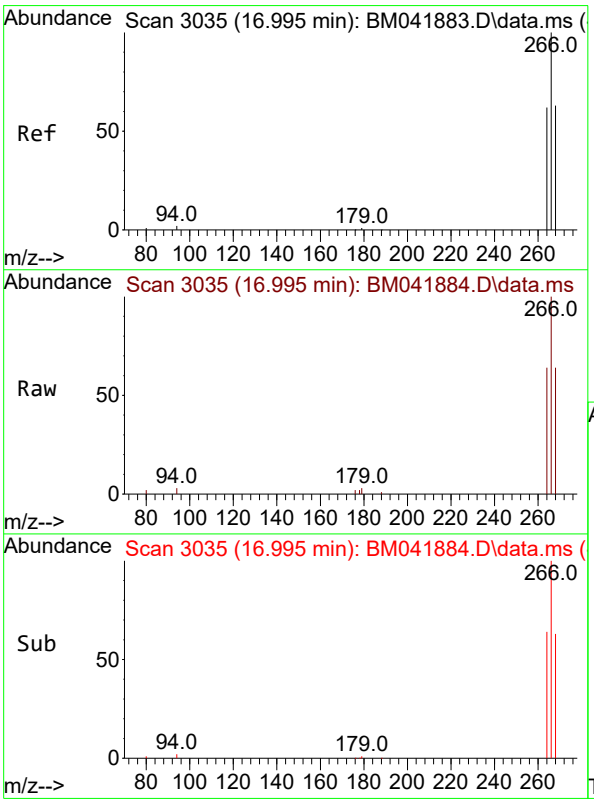
#12
Fluorene
Concen: 0.791 ng/ul
RT: 15.665 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:166 Resp: 44923

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.4	122.0
167	13.2	11.0	16.6

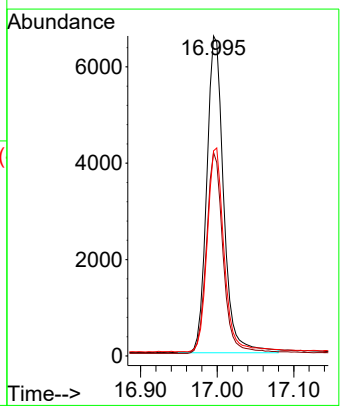


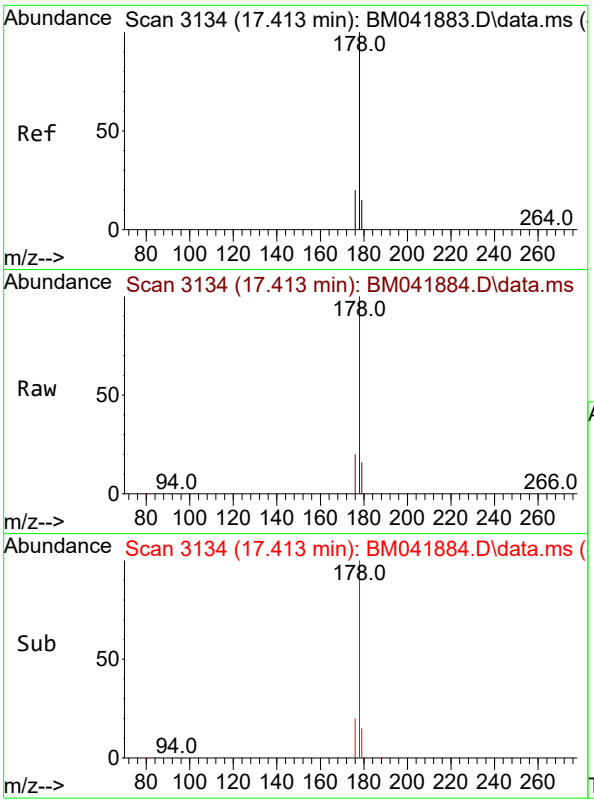


#14
Pentachlorophenol
Concen: 0.822 ng/ul
RT: 16.995 min Scan# 3035
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:266 Resp: 10090

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.8	74.8
268	64.1	51.3	76.9



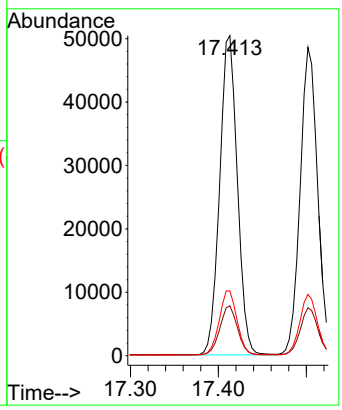


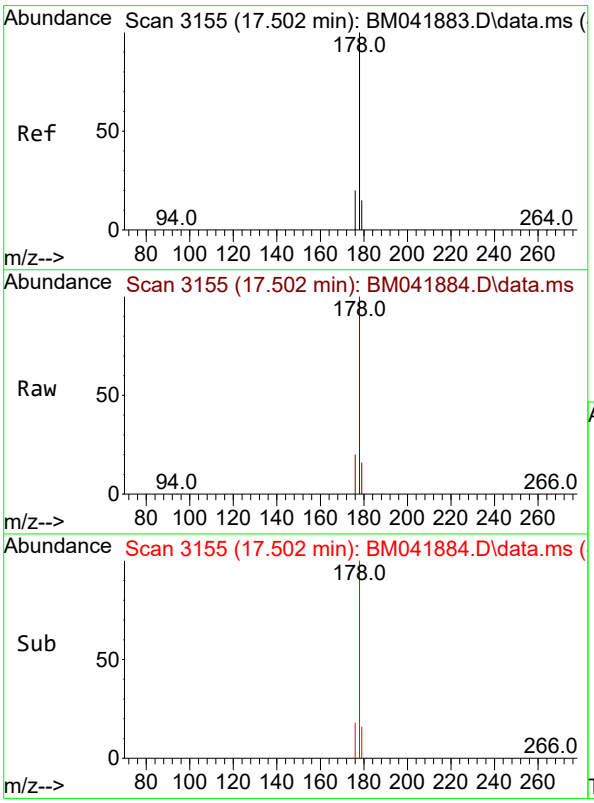
#15
Phenanthrene
Concen: 0.753 ng/ul
RT: 17.413 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:178 Resp: 70291

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	20.2	16.1	24.1

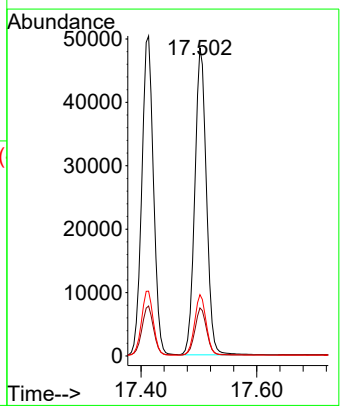


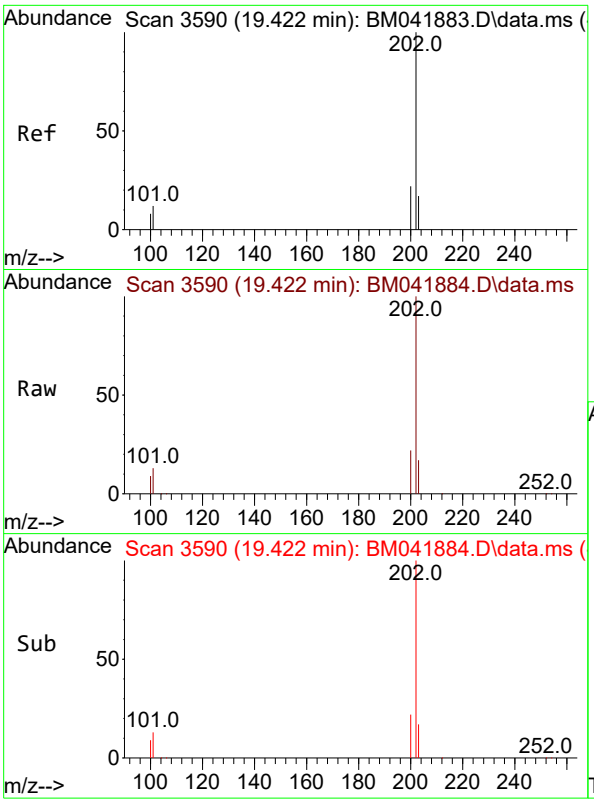


#16
Anthracene
Concen: 0.817 ng/ul
RT: 17.502 min Scan# 3155
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:178 Resp: 67424

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.9	16.3	24.5



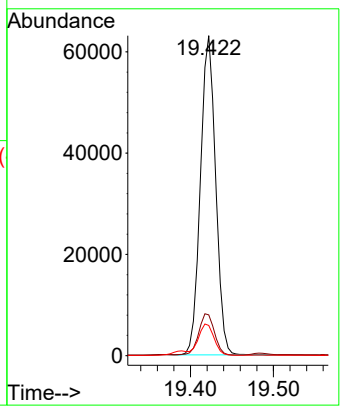


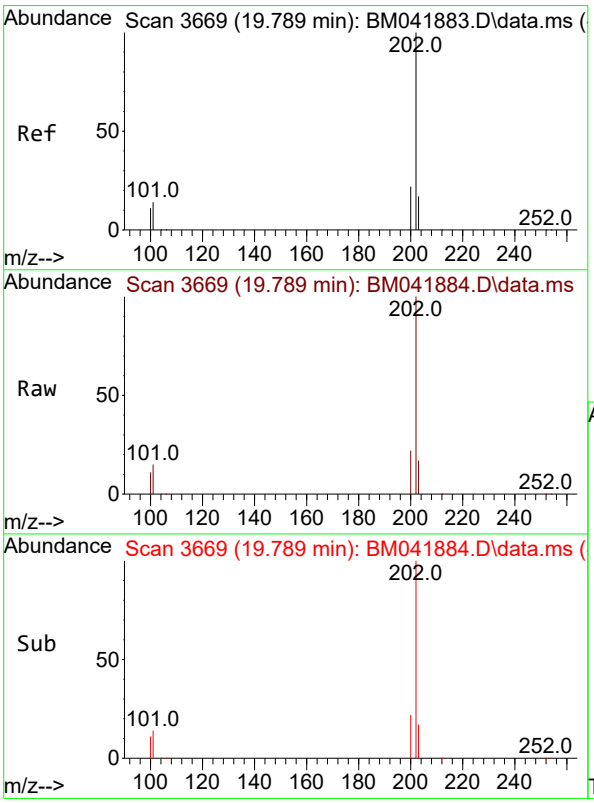
#19
Fluoranthene
Concen: 0.803 ng/ul
RT: 19.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:202 Resp: 80536

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.1	15.1
100	9.5	7.5	11.3

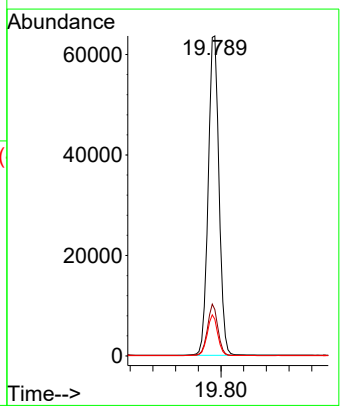


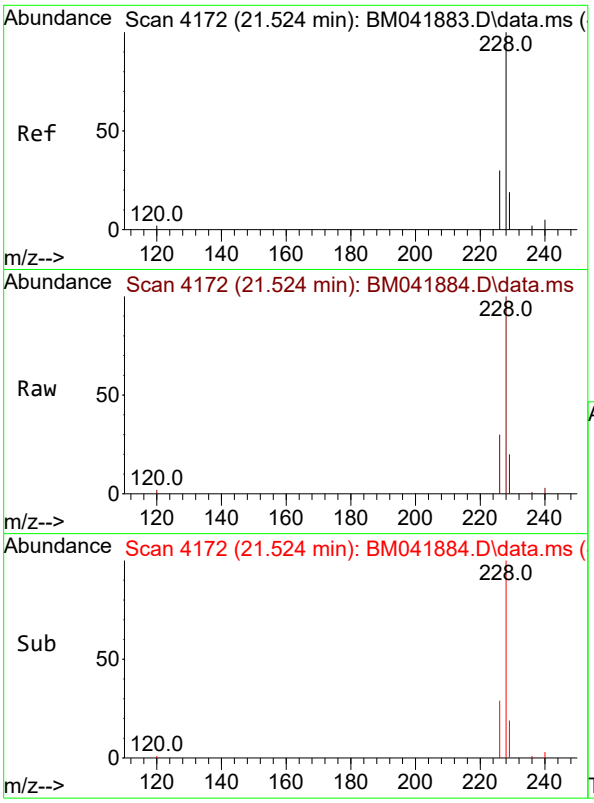


#20
Pyrene
Concen: 0.796 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:202 Resp: 83667

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.8	17.6
100	11.4	9.3	13.9



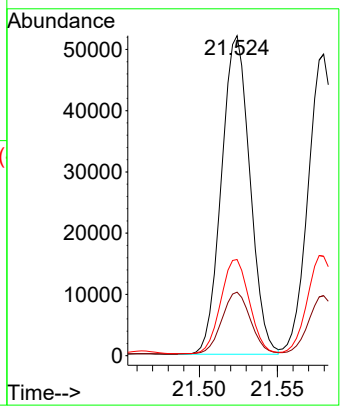


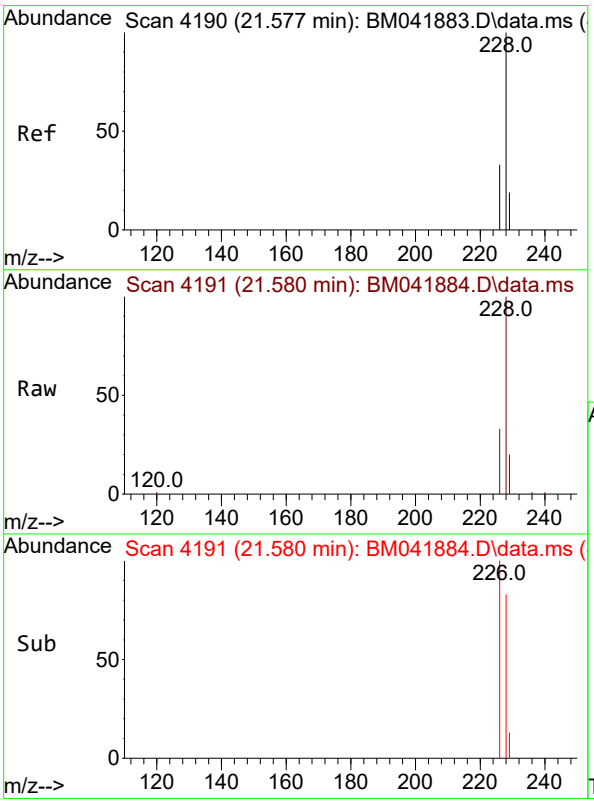
#21
Benzo(a)anthracene
Concen: 0.773 ng/ul
RT: 21.524 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:228 Resp: 65925

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	24.8
226	30.0	24.6	37.0

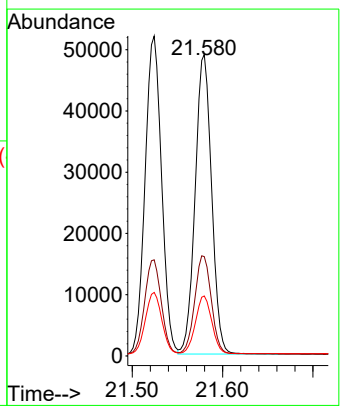


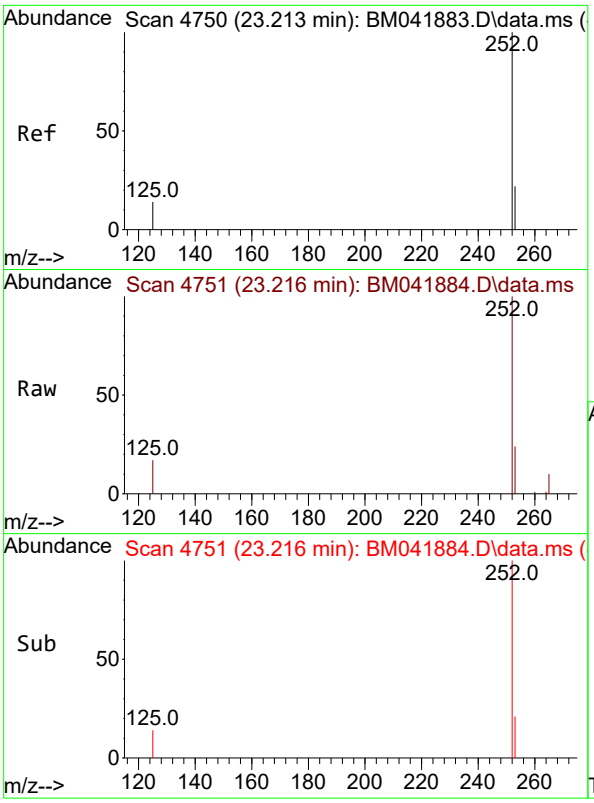


#22
Chrysene
Concen: 0.718 ng/ul
RT: 21.580 min Scan# 4191
Delta R.T. 0.003 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:228 Resp: 61813

Ion	Ratio	Lower	Upper
228	100		
226	32.9	27.3	40.9
229	19.9	16.6	25.0



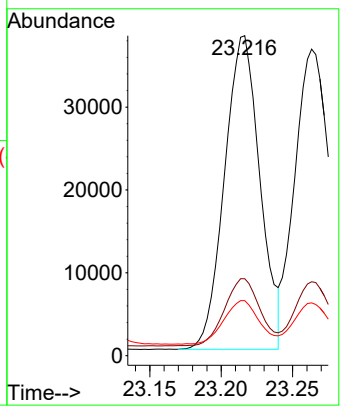


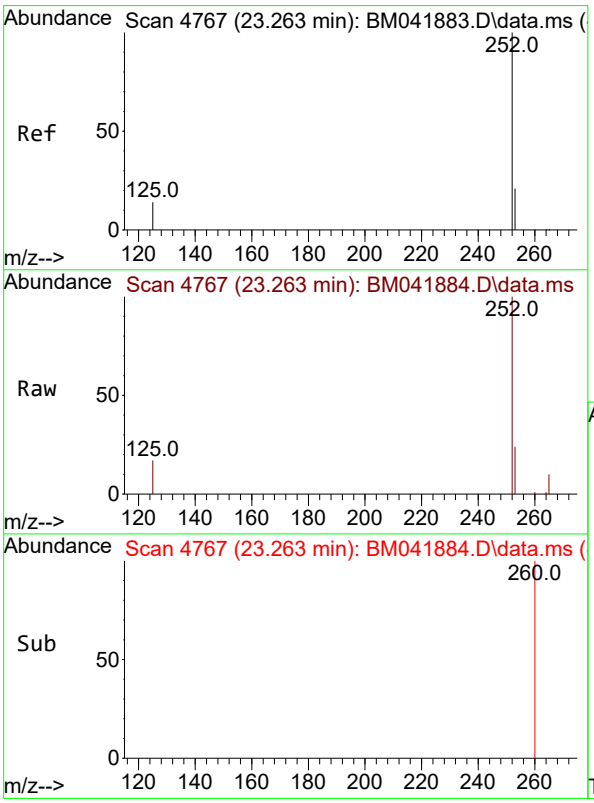
#24
Benzo(b)fluoranthene
Concen: 0.662 ng/ul
RT: 23.216 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:252 Resp: 65374

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	54.6
125	17.2	0.0	43.0

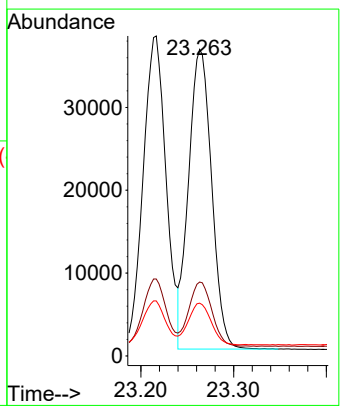


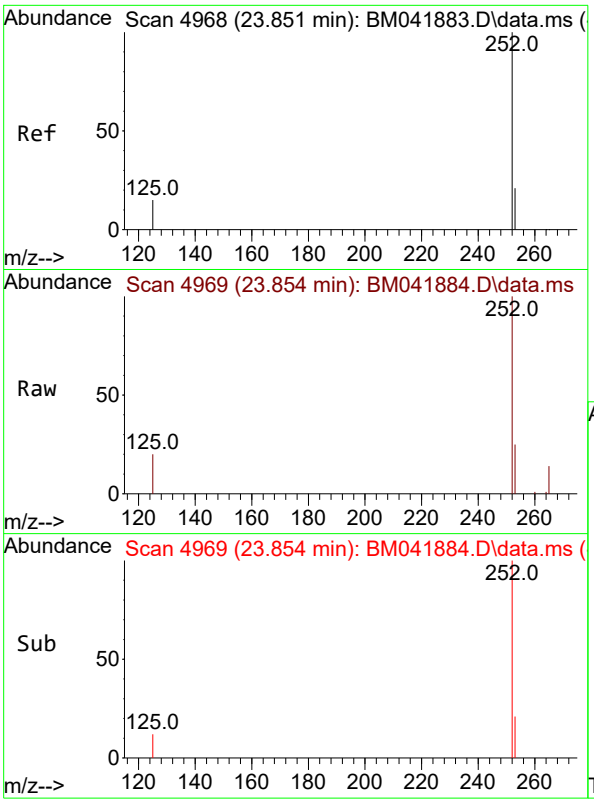


#25
Benzo(k)fluoranthene
Concen: 0.686 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:252 Resp: 62568

Ion	Ratio	Lower	Upper
252	100		
253	24.1	21.8	32.8
125	17.2	17.4	26.2#



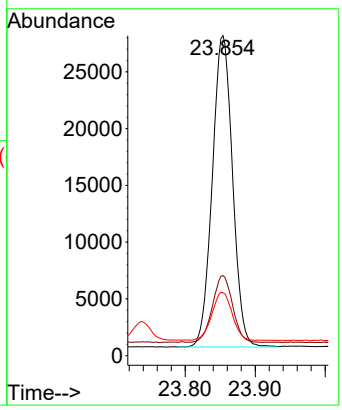


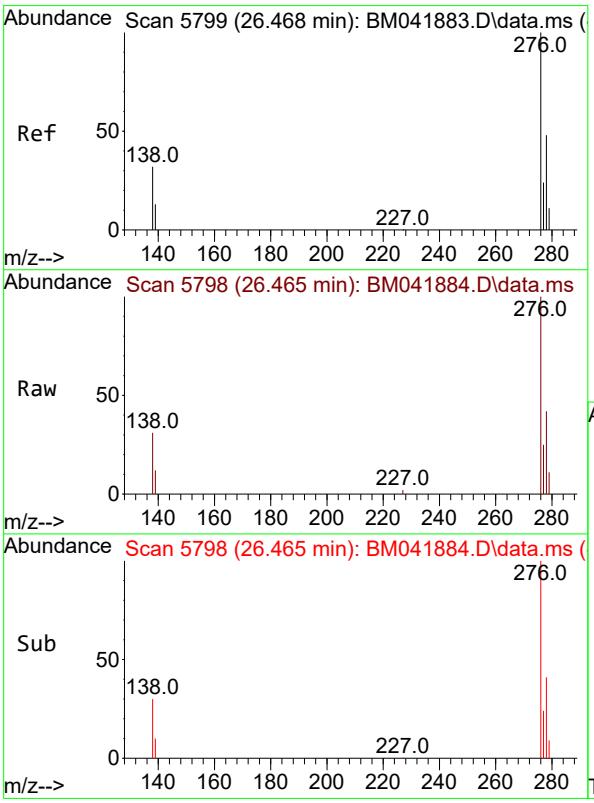
#26
Benzo(a)pyrene
Concen: 0.726 ng/ul
RT: 23.854 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:252 Resp: 55318

Ion	Ratio	Lower	Upper
252	100		
253	25.1	23.0	34.4
125	19.7	19.9	29.9#

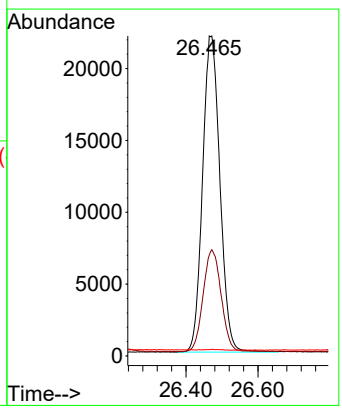


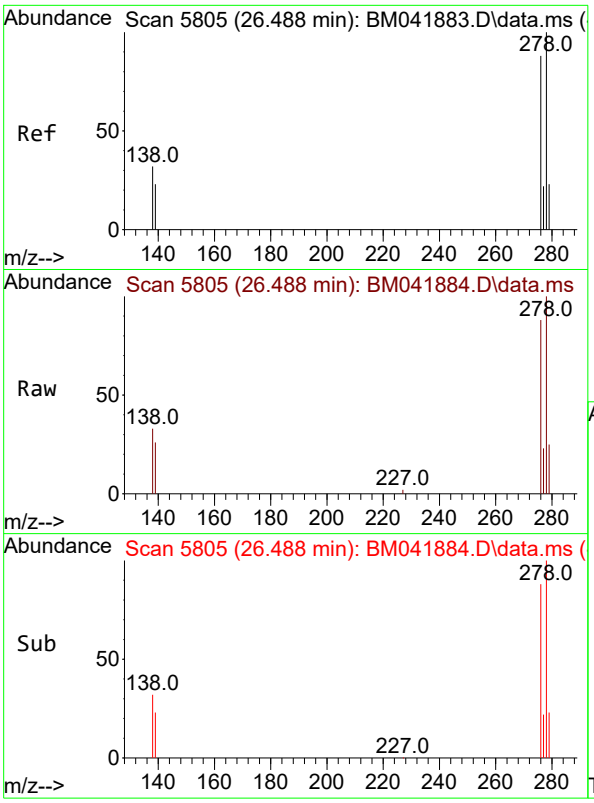


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.640 ng/ul
RT: 26.465 min Scan# 5798
Delta R.T. -0.003 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:276 Resp: 73655

Ion	Ratio	Lower	Upper
276	100		
138	33.2	26.7	40.1
227	0.2	0.0	0.0#



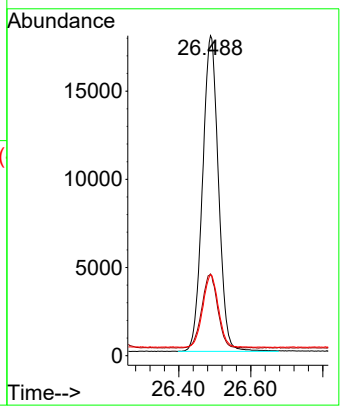


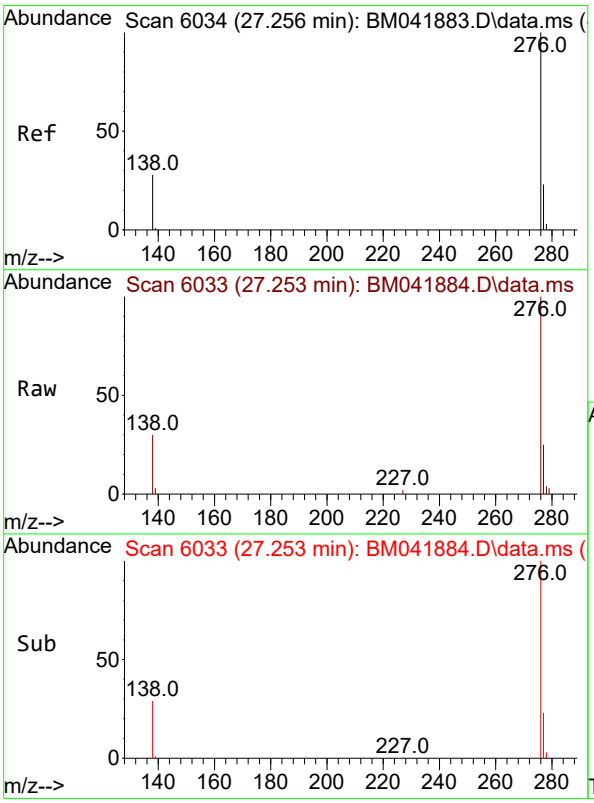
#28
Dibenzo(a,h)anthracene
Concen: 0.646 ng/ul
RT: 26.488 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Tgt Ion:278 Resp: 54854

Ion	Ratio	Lower	Upper
278	100		
139	25.5	22.6	33.8
279	25.3	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.621 ng/ul
RT: 27.253 min Scan# 6033
Delta R.T. -0.003 min
Lab File: BM041884.D
Acq: 15 Sep 2023 13:48

Tgt Ion:276 Resp: 60027

Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.9	37.3
277	25.0	21.4	32.0