Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041462.D
Acq On : 24 Aug 2023 12:12
Operator : MA/JU
Sample : SSTD1.610
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Quant Time: Aug 24 18:23:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 13:21:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	8036	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	22592	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.759	164	10808	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.515	188	20501	0.400	ng/ul	0.00
17) Chrysene-d12	21.705	240	7635	0.400	ng/ul	0.00
23) Perylene-d12	24.278	264	6585	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	16353	1.608	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.528	152	49457	1.658	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	58510	1.738	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	16982	1.623	ng/ul#	92
5) Naphthalene	11.005	128	109163	1.621	ng/ul	99
7) 2-Methylnaphthalene	12.599	142	67391	1.667	ng/ul	100
8) 1-Methylnaphthalene	12.819	142	68648	1.669	ng/ul	99
10) Acenaphthylene	14.486	152	106828	1.646	ng/ul	99
11) Acenaphthene	14.819	153	74701	1.654	ng/ul	99
12) Fluorene	15.809	166	84217	1.667	ng/ul	98
14) Pentachlorophenol	17.130	266	6035	1.561	ng/ul	98
15) Phenanthrene	17.557	178	125039	1.661	ng/ul	99
16) Anthracene	17.650	178	116351	1.699	ng/ul	99
19) Fluoranthene	19.566	202	127410	1.818	ng/ul	99
20) Pyrene	19.933	202	124526	1.762	ng/ul	99
21) Benzo(a)anthracene	21.688	228	84165	1.694	ng/ul	99
22) Chrysene	21.743	228	90476	1.685	ng/ul	99
24) Benzo(b)fluoranthene	23.480	252	81422	1.806	ng/ul	97
25) Benzo(k)fluoranthene	23.535	252	81228	1.800	ng/ul	95
26) Benzo(a)pyrene	24.164	252	66144	1.785	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	27.005	276	81160	1.753	ng/ul#	98
28) Dibenzo(a,h)anthracene	27.042	278	62692	1.769	ng/ul	95
29) Benzo(g,h,i)perylene	27.850	276	69913	1.714	ng/ul	98

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

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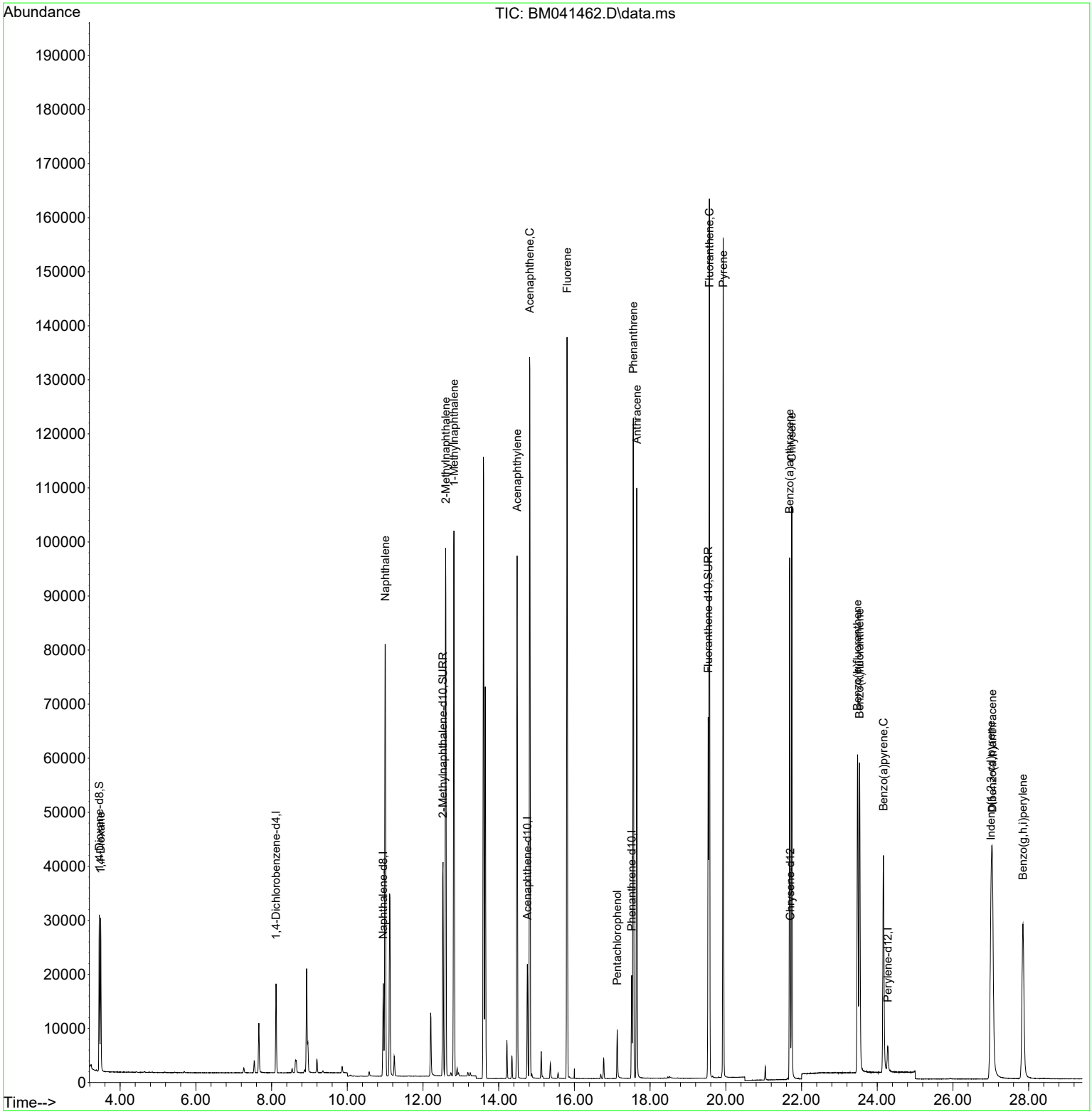
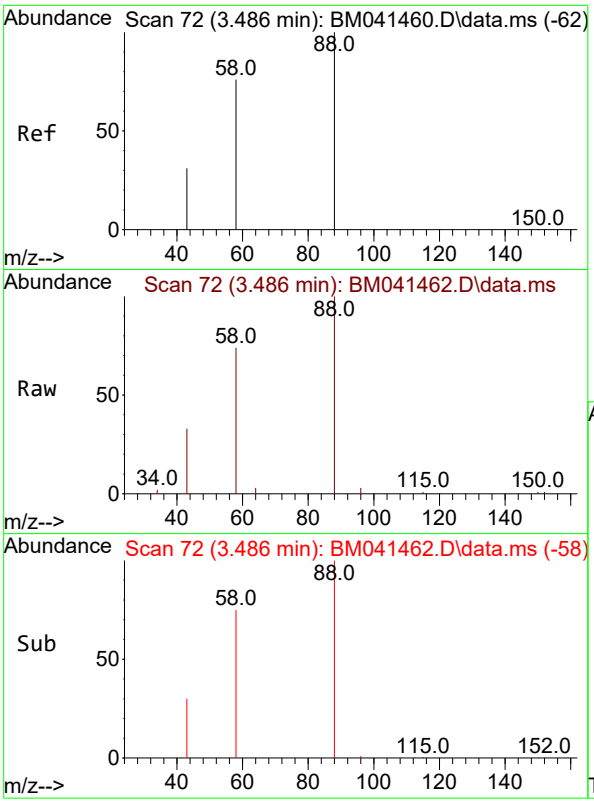


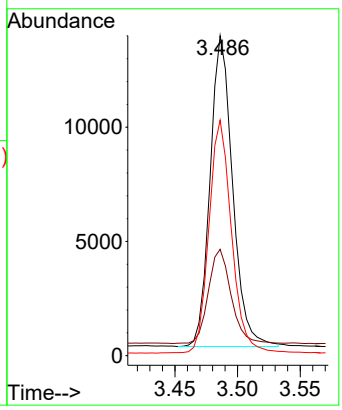


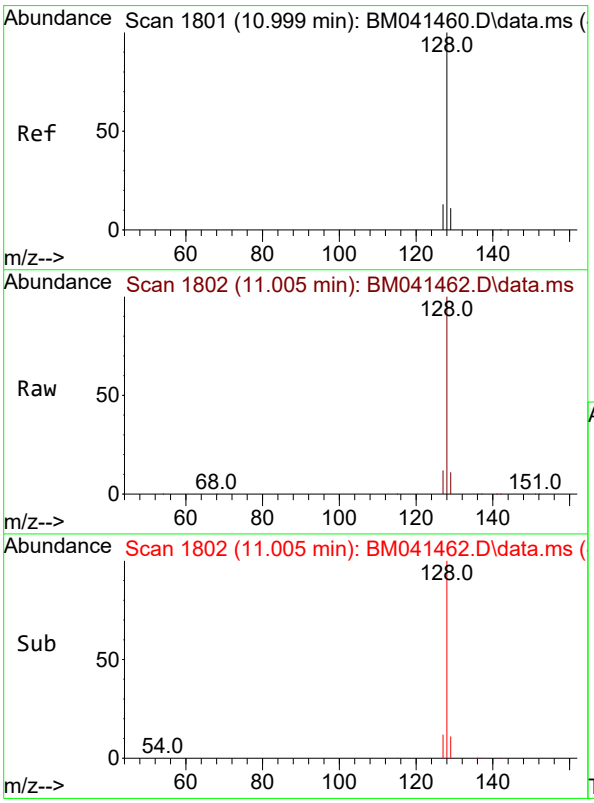
#2
1,4-Dioxane
Concen: 1.623 ng/ul
RT: 3.486 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion: 88 Resp: 16982

Ion	Ratio	Lower	Upper
88	100		
43	33.2	35.4	53.2#
58	73.6	57.3	85.9

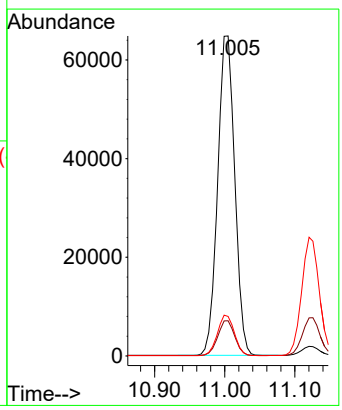


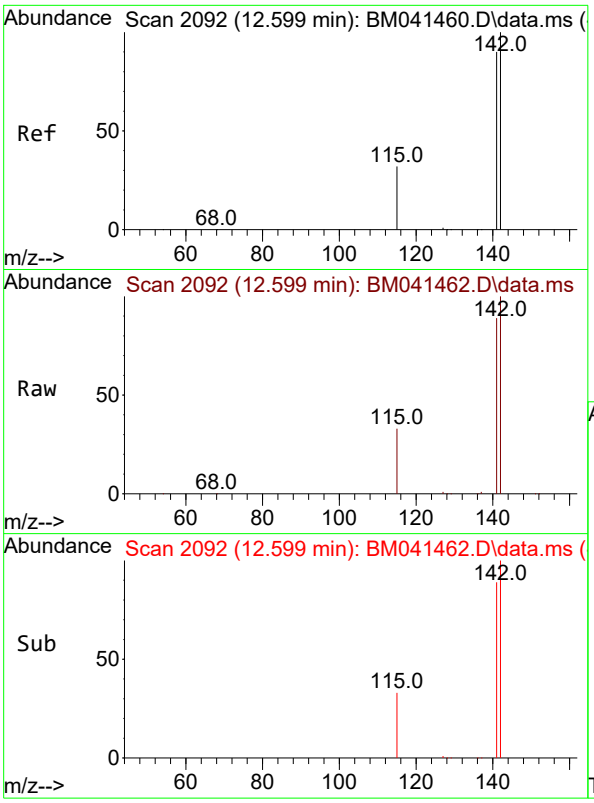


#5
Naphthalene
Concen: 1.621 ng/ul
RT: 11.005 min Scan# 1802
Delta R.T. 0.006 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:128 Resp: 109163

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	12.4	10.6	15.8



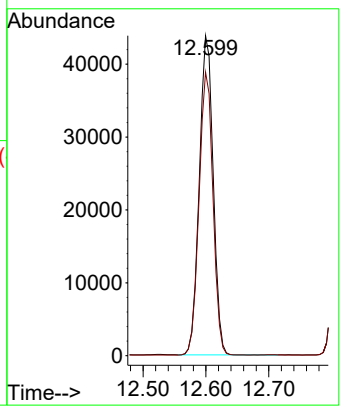


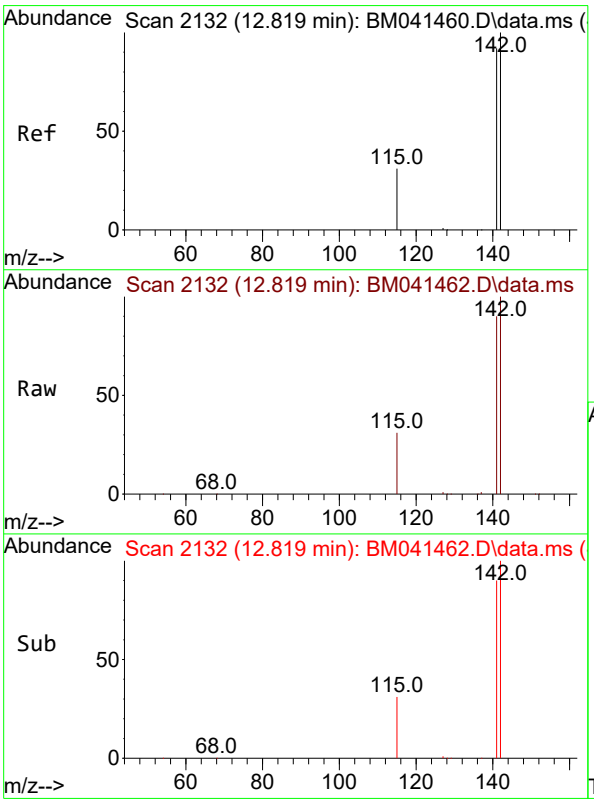
#7
2-Methylnaphthalene
Concen: 1.667 ng/ul
RT: 12.599 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:142 Resp: 67391

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7

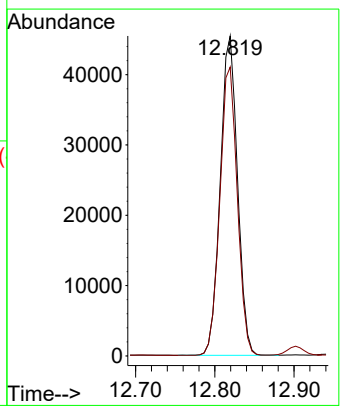


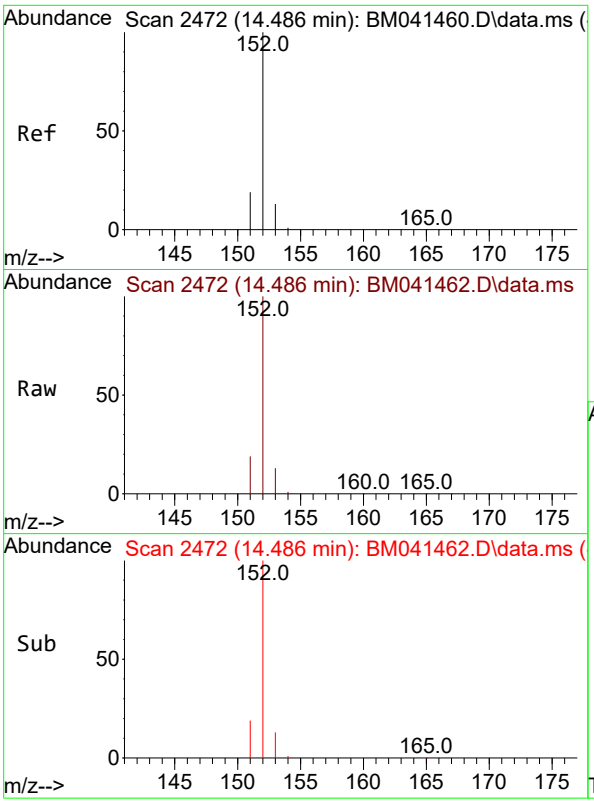


#8
1-Methylnaphthalene
Concen: 1.669 ng/ul
RT: 12.819 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:142 Resp: 68648

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.2



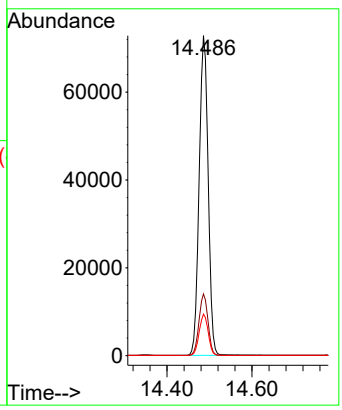


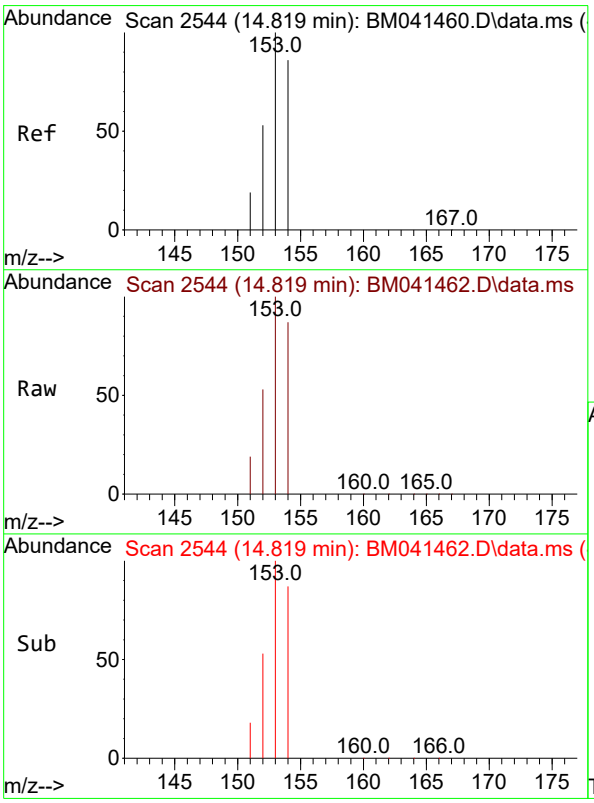
#10
Acenaphthylene
Concen: 1.646 ng/ul
RT: 14.486 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:152 Resp: 106828

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.0	10.6	15.8

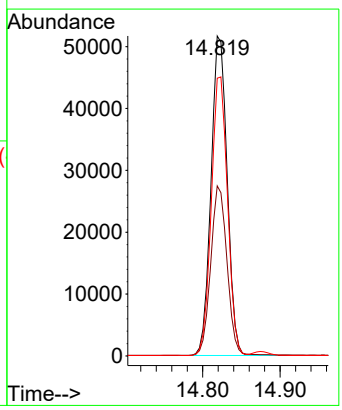


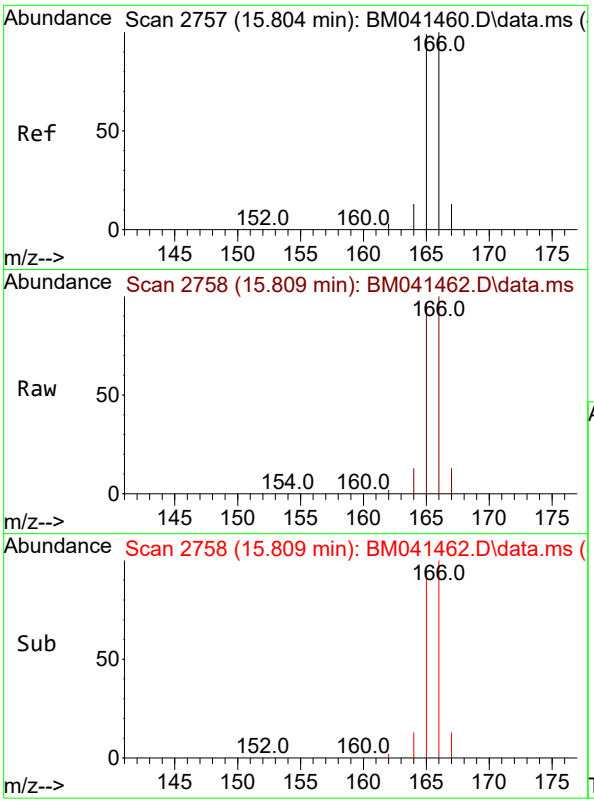


#11
Acenaphthene
Concen: 1.654 ng/ul
RT: 14.819 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:153 Resp: 74701

Ion	Ratio	Lower	Upper
153	100		
152	53.1	42.9	64.3
154	86.8	68.9	103.3



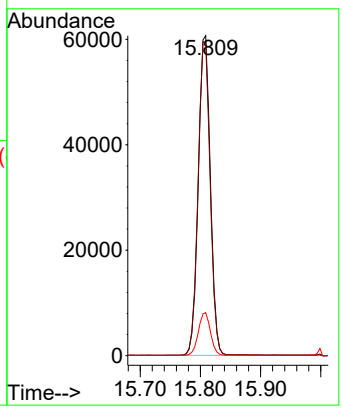


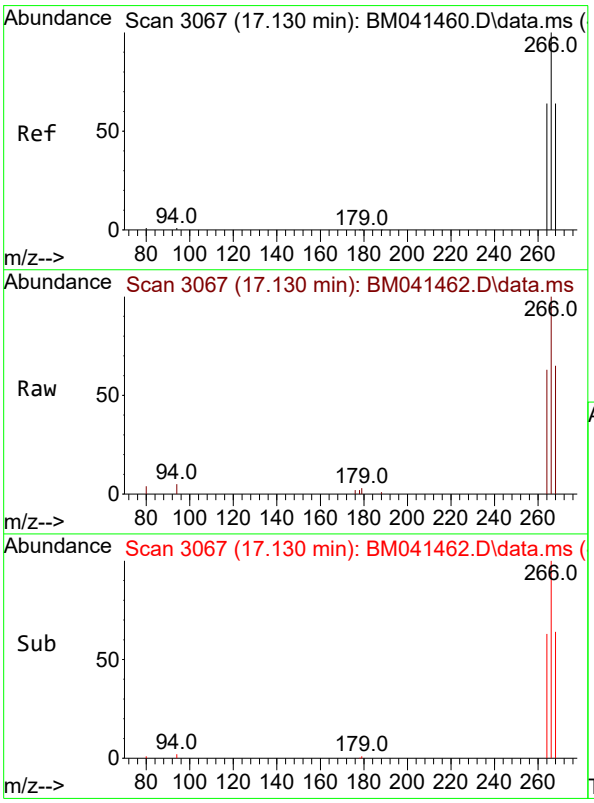
#12
Fluorene
Concen: 1.667 ng/ul
RT: 15.809 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:166 Resp: 84217

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.4	119.2
167	13.4	11.0	16.6

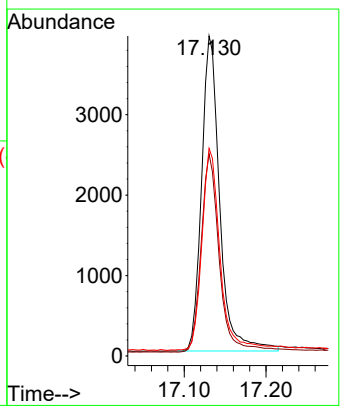


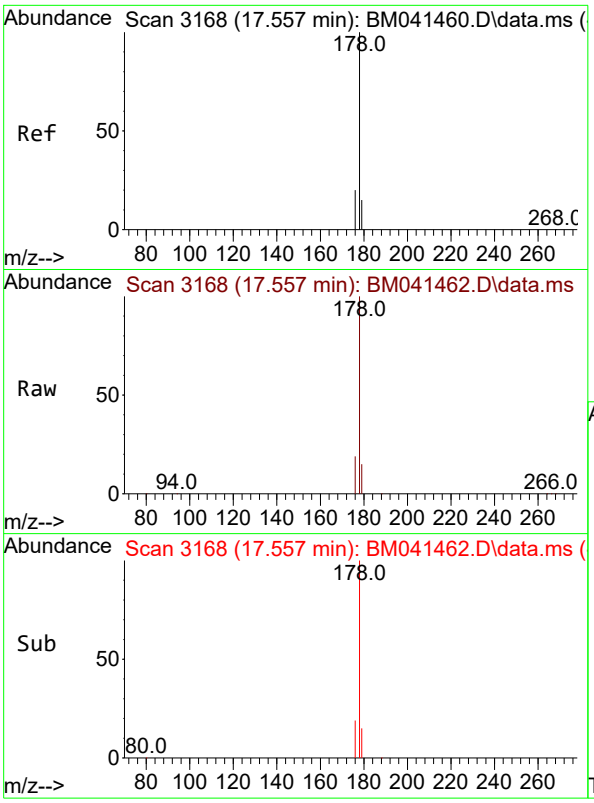


#14
Pentachlorophenol
Concen: 1.561 ng/ul
RT: 17.130 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:266 Resp: 6035

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.1	75.1
268	64.2	48.6	73.0



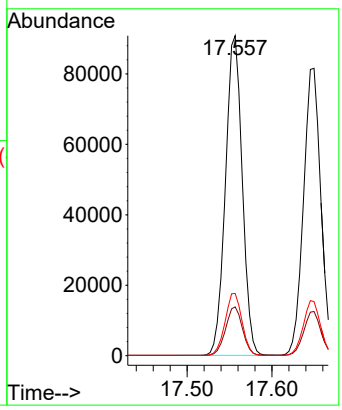


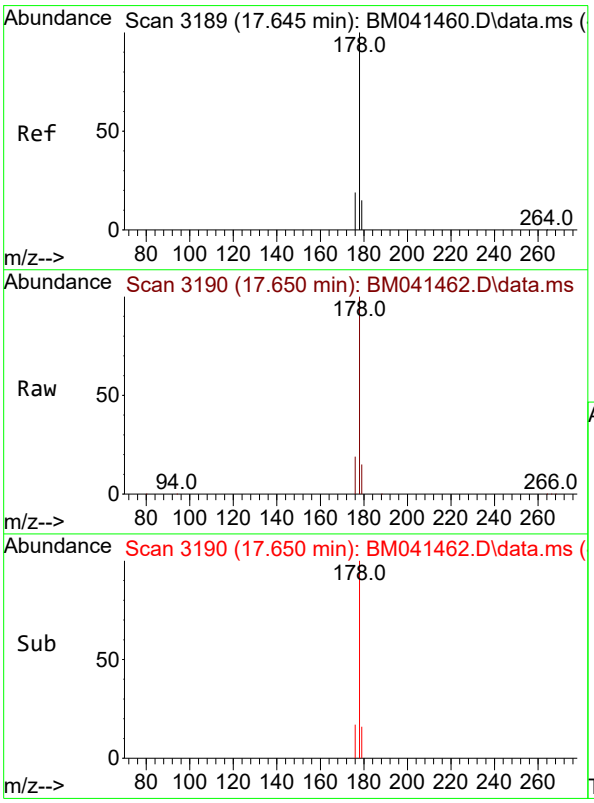
#15
Phenanthrene
Concen: 1.661 ng/ul
RT: 17.557 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:178 Resp: 125039

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.4	15.8	23.8

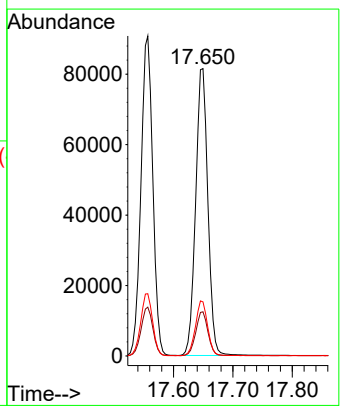


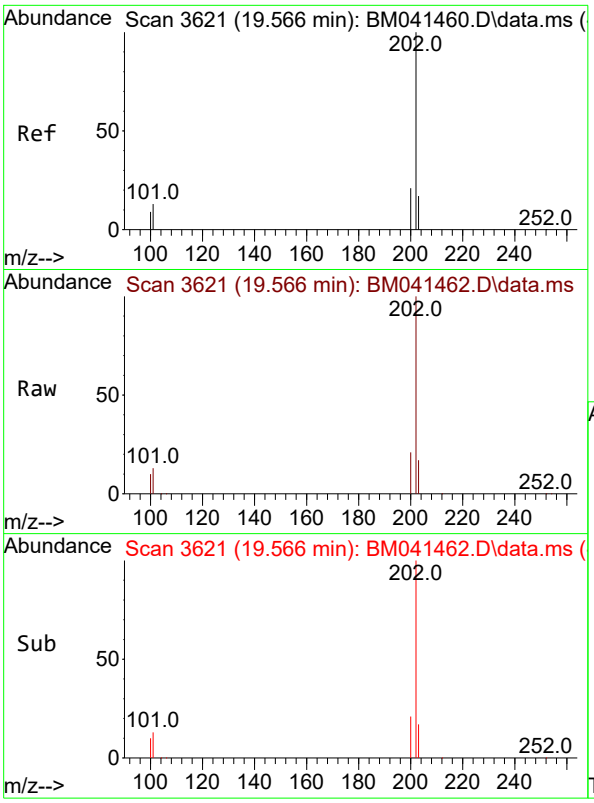


#16
Anthracene
Concen: 1.699 ng/ul
RT: 17.650 min Scan# 3190
Delta R.T. 0.004 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:178 Resp: 116351

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.8	15.5	23.3



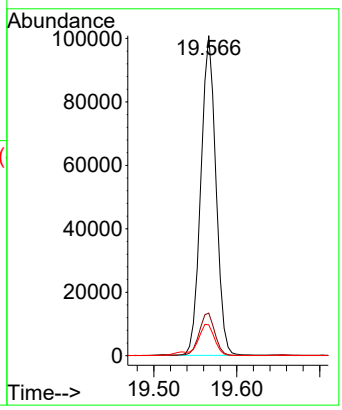


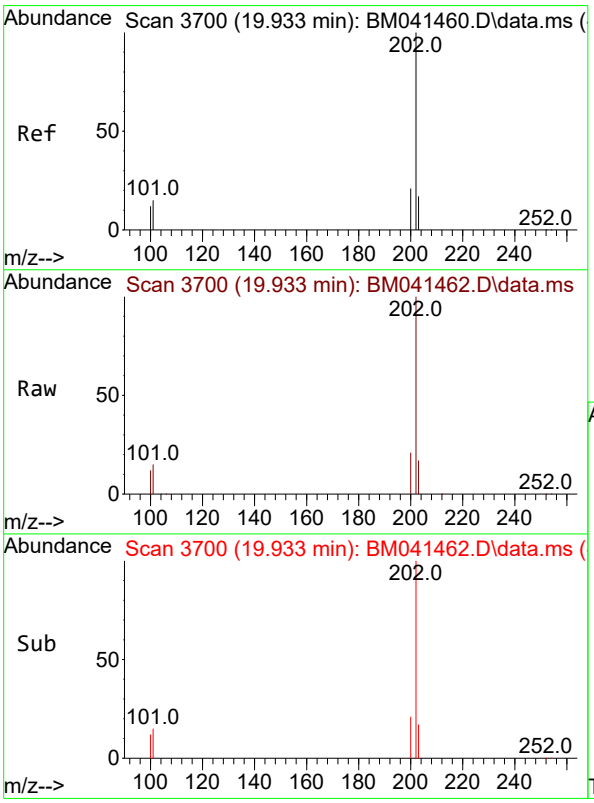
#19
Fluoranthene
Concen: 1.818 ng/ul
RT: 19.566 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:202 Resp: 127410

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.6
100	9.6	7.9	11.9

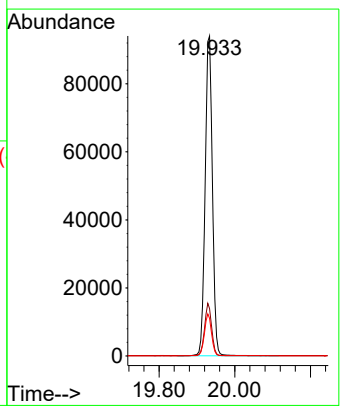


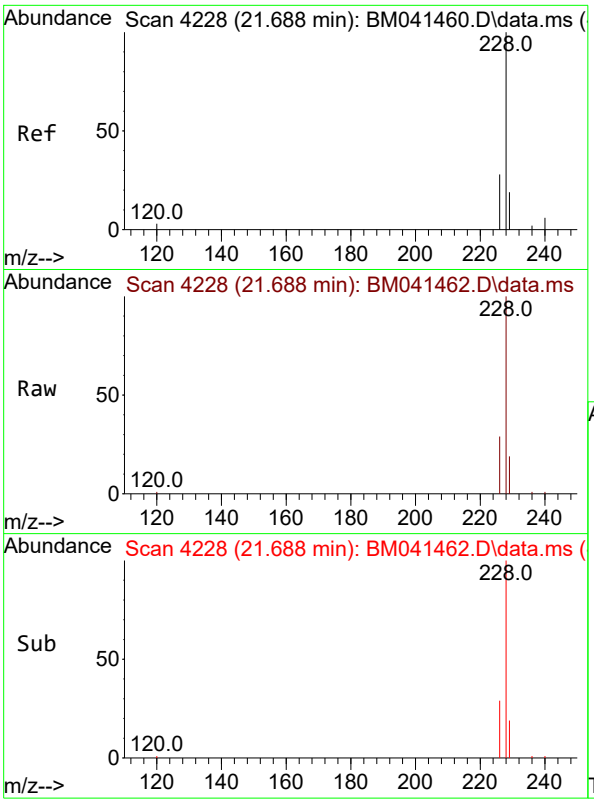


#20
Pyrene
Concen: 1.762 ng/ul
RT: 19.933 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:202 Resp: 124526

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	11.8	9.8	14.8



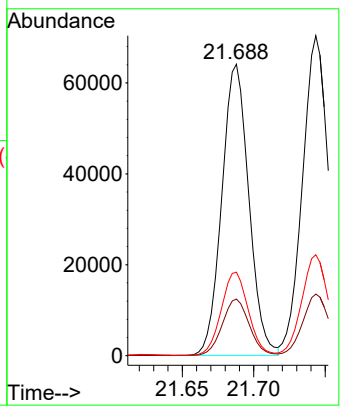


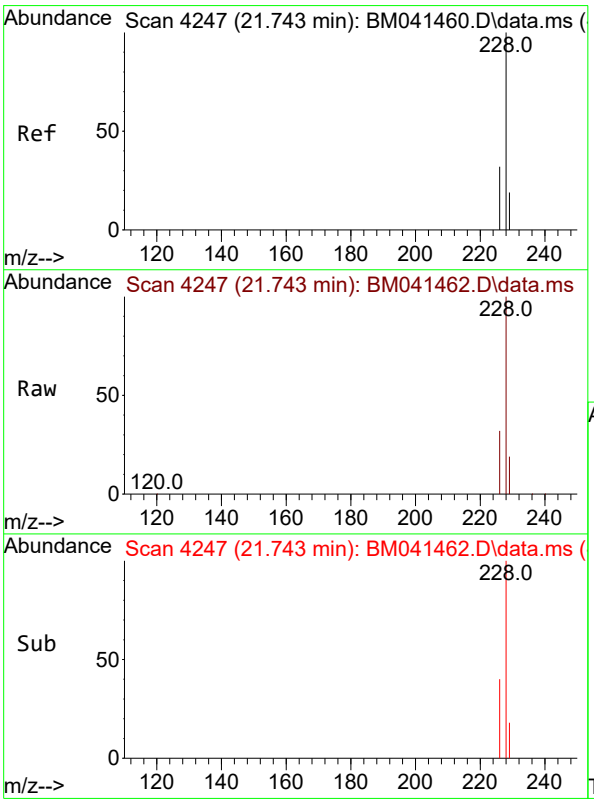
#21
Benzo(a)anthracene
Concen: 1.694 ng/ul
RT: 21.688 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:228 Resp: 84165

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.3	22.9
226	28.7	22.7	34.1

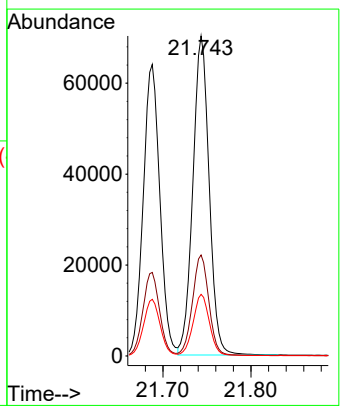


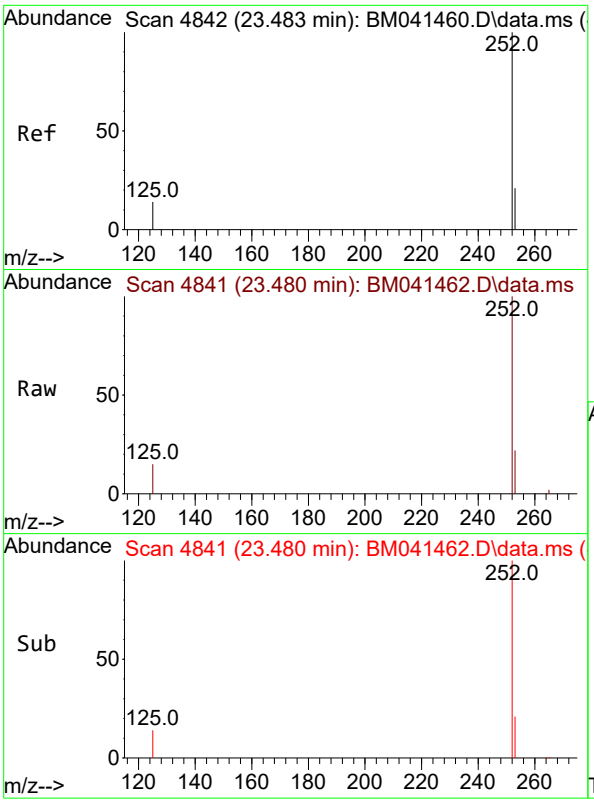


#22
Chrysene
Concen: 1.685 ng/ul
RT: 21.743 min Scan# 4247
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:228 Resp: 90476

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	19.3	15.7	23.5



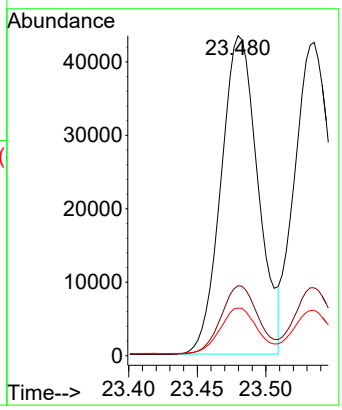


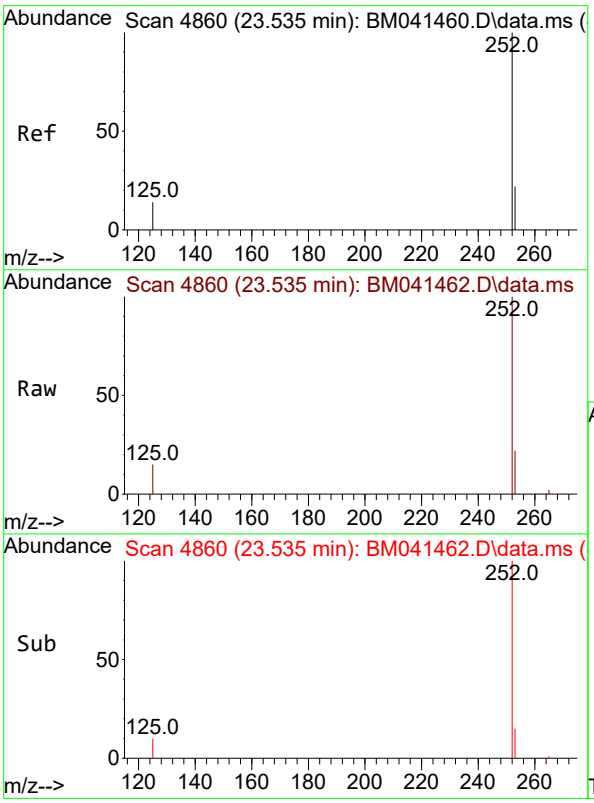
#24
Benzo(b)fluoranthene
Concen: 1.806 ng/ul
RT: 23.480 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:252 Resp: 81422

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	46.8
125	14.9	0.0	32.8

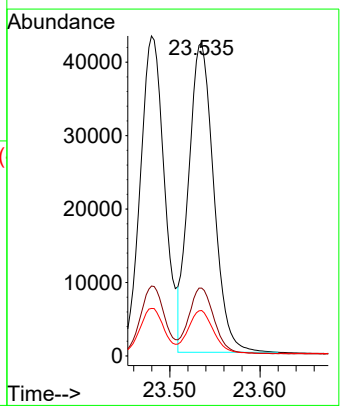


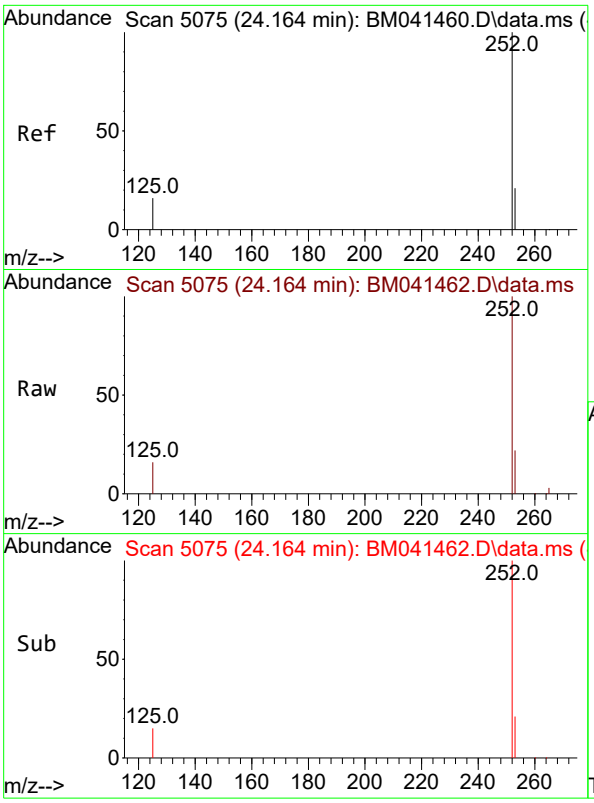


#25
Benzo(k)fluoranthene
Concen: 1.800 ng/ul
RT: 23.535 min Scan# 4860
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:252 Resp: 81228

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.1	28.7
125	14.5	13.4	20.0



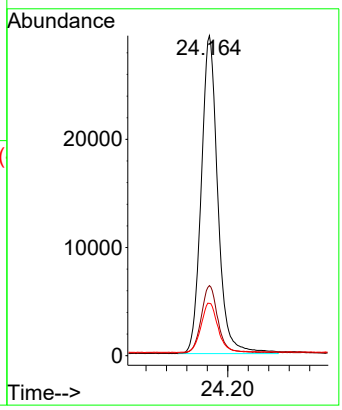


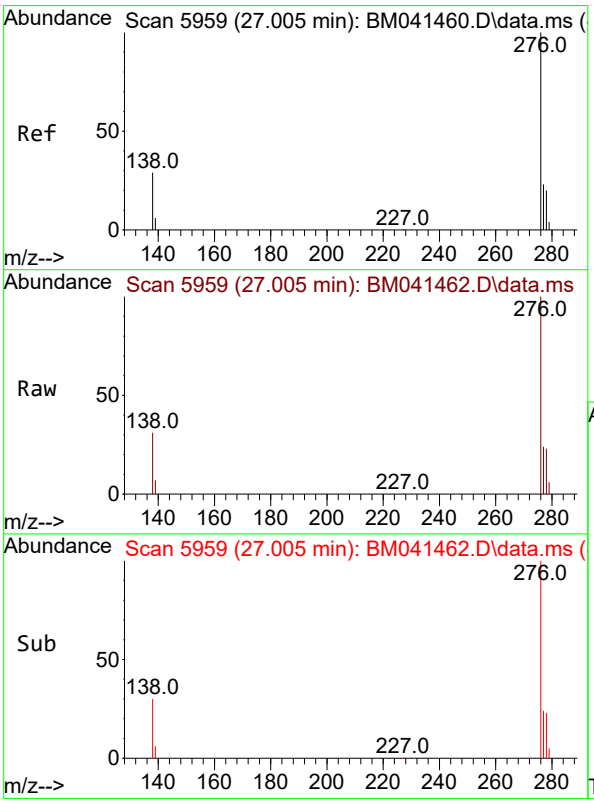
#26
Benzo(a)pyrene
Concen: 1.785 ng/ul
RT: 24.164 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:252 Resp: 66144

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.5	29.3
125	16.3	16.0	24.0

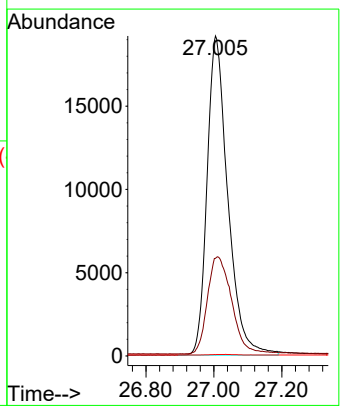


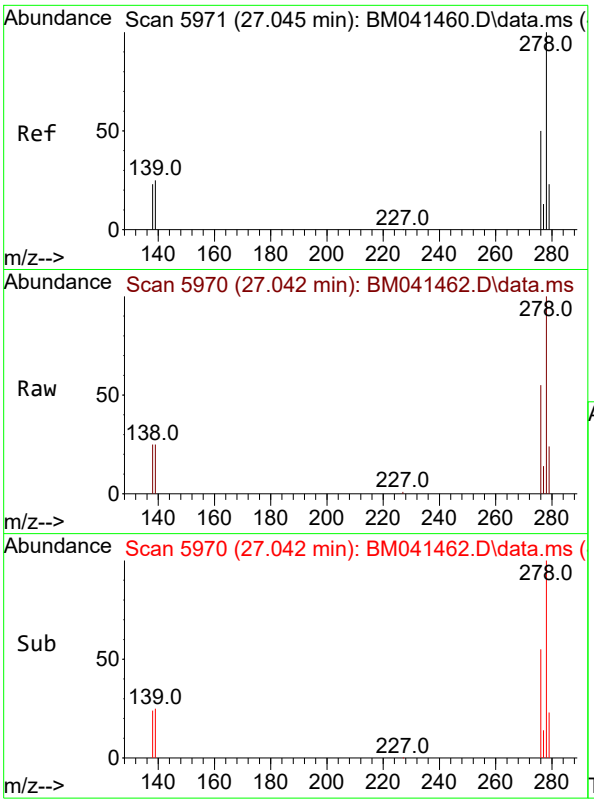


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.753 ng/ul
RT: 27.005 min Scan# 5959
Delta R.T. 0.000 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:276 Resp: 81160

Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
227	0.1	0.0	0.0#



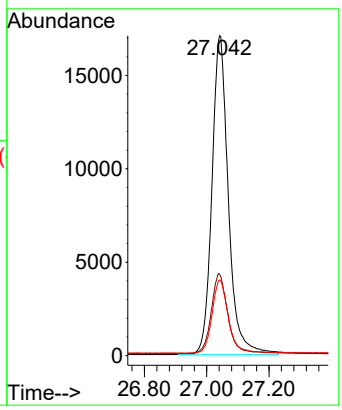


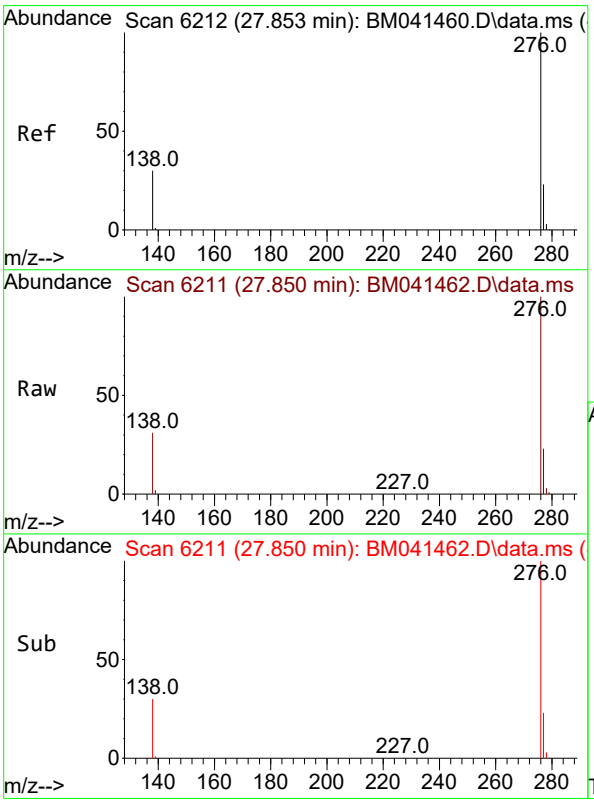
#28
Dibenzo(a,h)anthracene
Concen: 1.769 ng/ul
RT: 27.042 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Instrument :
BNA_M
ClientSampleId :
SSTD1.6047

Tgt Ion:278 Resp: 62692

Ion	Ratio	Lower	Upper
278	100		
139	25.4	21.9	32.9
279	23.7	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 1.714 ng/ul
RT: 27.850 min Scan# 6211
Delta R.T. -0.003 min
Lab File: BM041462.D
Acq: 24 Aug 2023 12:12

Tgt Ion:276 Resp: 69913

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.9	38.9
277	23.4	19.4	29.2