Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041522.D
Acq On : 28 Aug 2023 14:41
Operator : MA/JU
Sample : SSTD3.216
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Quant Time: Aug 28 19:15:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	9076	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	24529	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	12230	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	21341	0.400	ng/ul	0.00
17) Chrysene-d12	21.693	240	7882	0.400	ng/ul	0.00
23) Perylene-d12	24.257	264	8398	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	36849	3.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	112107	3.461	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	129146	4.004	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	38561	3.297	ng/ul	87
5) Naphthalene	10.993	128	260008	3.313	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	165235	3.473	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	170069	3.537	ng/ul	100
10) Acenaphthylene	14.481	152	278933	3.457	ng/ul	100
11) Acenaphthene	14.814	153	192347	3.392	ng/ul	99
12) Fluorene	15.799	166	214256	3.500	ng/ul	99
14) Pentachlorophenol	17.126	266	29982	3.417	ng/ul	100
15) Phenanthrene	17.548	178	305645	3.490	ng/ul	99
16) Anthracene	17.641	178	298972	3.718	ng/ul	99
19) Fluoranthene	19.557	202	304122	4.165	ng/ul	99
20) Pyrene	19.924	202	297473	4.026	ng/ul	99
21) Benzo(a)anthracene	21.676	228	192523	3.428	ng/ul	99
22) Chrysene	21.731	228	190175	3.419	ng/ul	100
24) Benzo(b)fluoranthene	23.462	252	193585	3.626	ng/ul	94
25) Benzo(k)fluoranthene	23.515	252	189321	3.626	ng/ul#	93
26) Benzo(a)pyrene	24.143	252	170475	3.533	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.974	276	227633	3.510	ng/ul#	99
28) Dibenzo(a,h)anthracene	27.004	278	165830	3.554	ng/ul	95
29) Benzo(g,h,i)perylene	27.816	276	191825	3.531	ng/ul	97

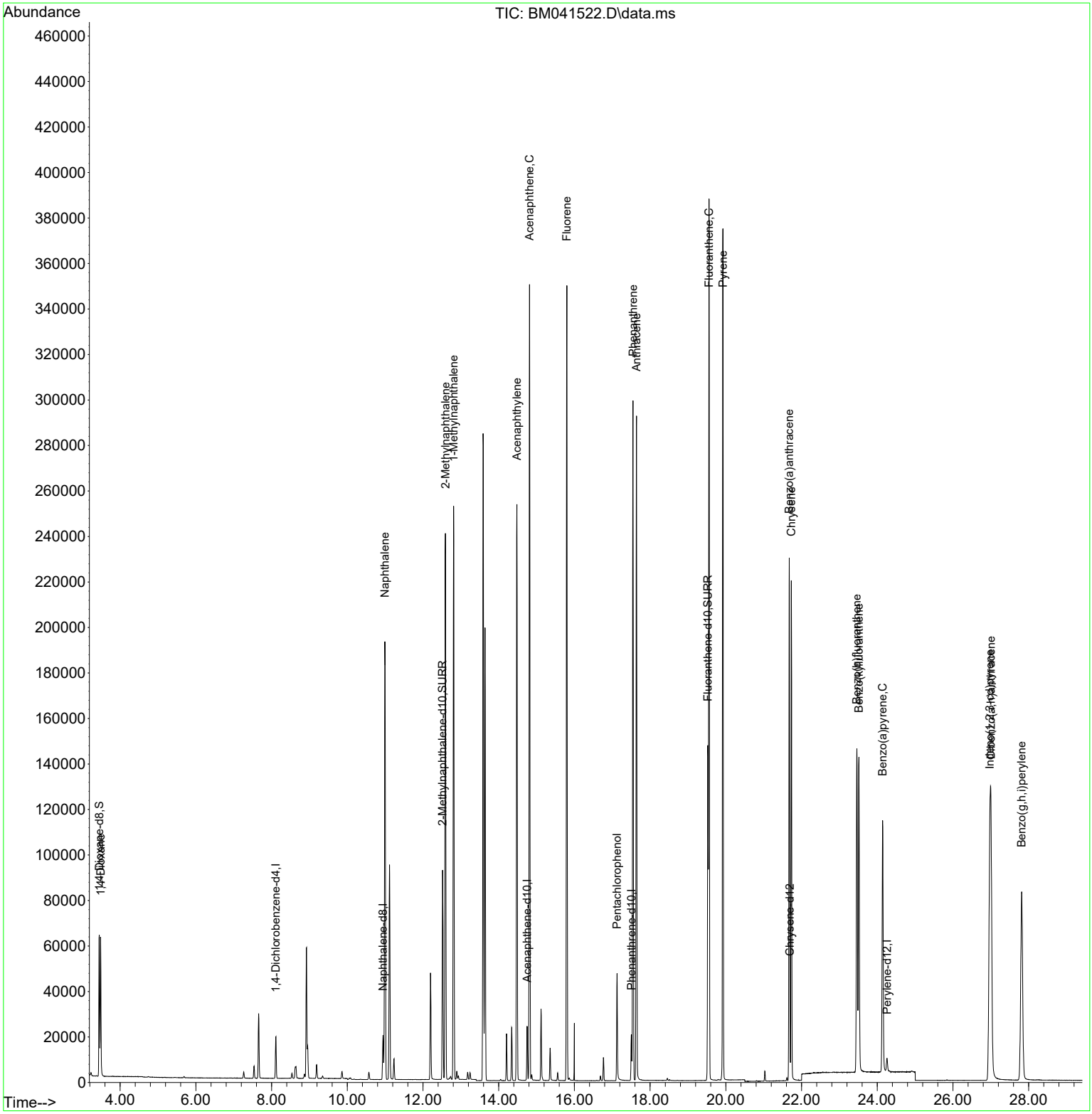
(#) = qualifier out of range (m) = manual integration (+) = signals summed

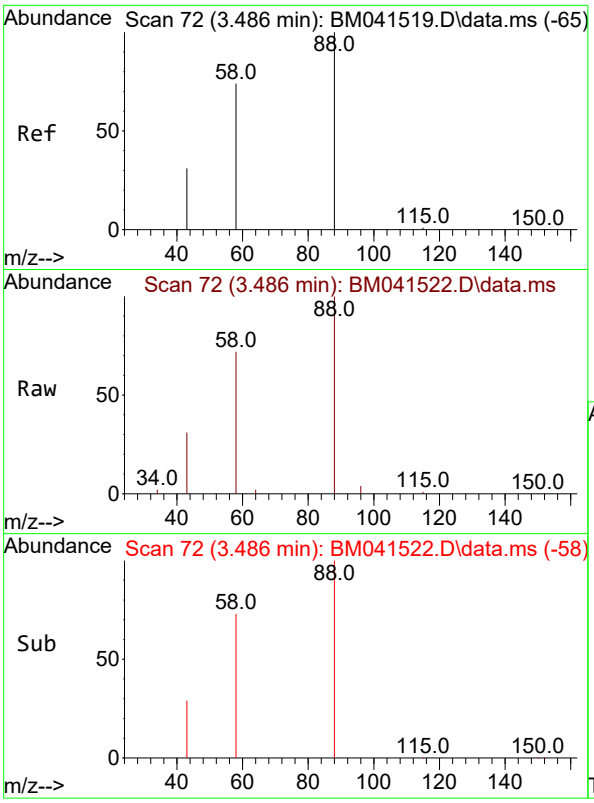
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041522.D
Acq On : 28 Aug 2023 14:41
Operator : MA/JU
Sample : SSTD3.216
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Quant Time: Aug 28 19:15:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
Response via : Initial Calibration



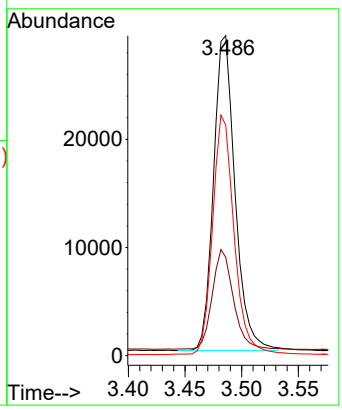


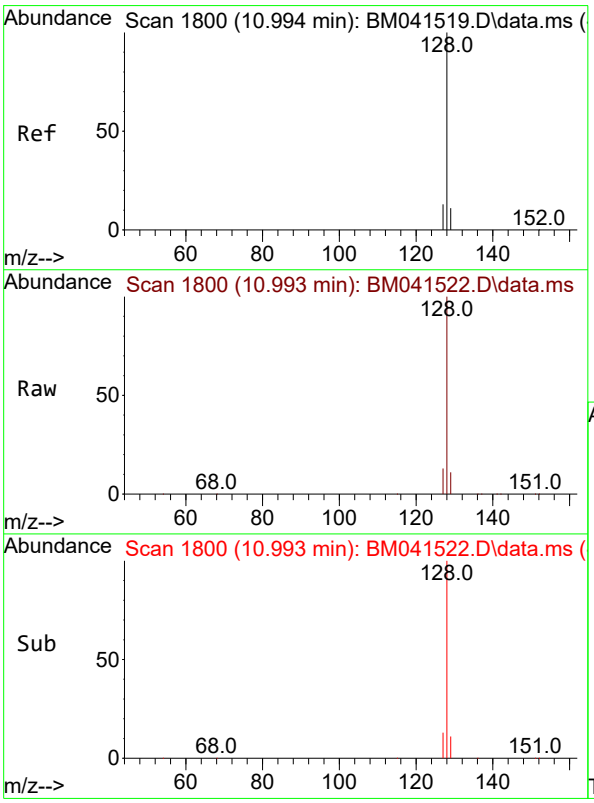
#2
1,4-Dioxane
Concen: 3.297 ng/ul
RT: 3.486 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion: 88 Resp: 38561

Ion	Ratio	Lower	Upper
88	100		
43	30.8	30.6	46.0
58	72.0	49.3	73.9

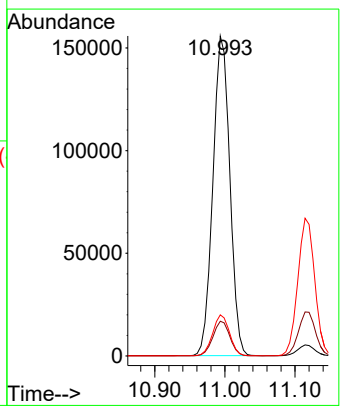


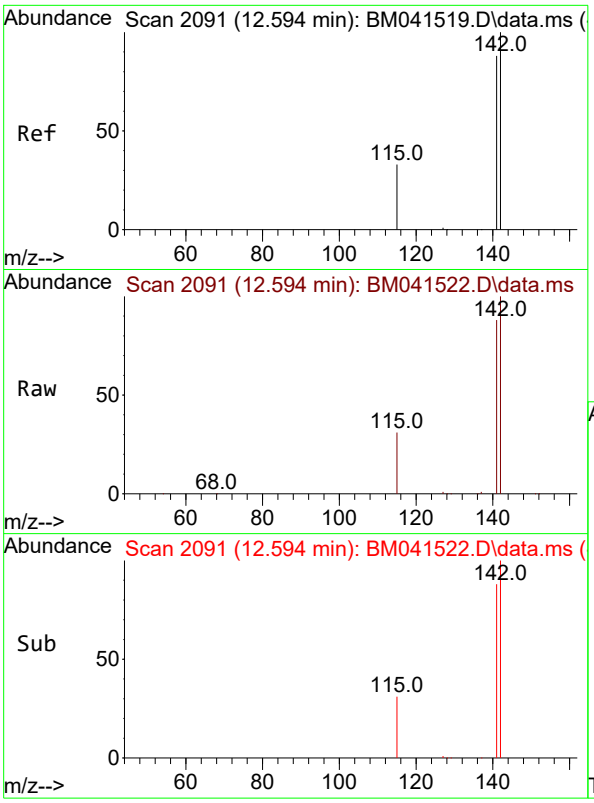


#5
Naphthalene
Concen: 3.313 ng/ul
RT: 10.993 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:128 Resp: 260008

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	12.9	10.6	15.8



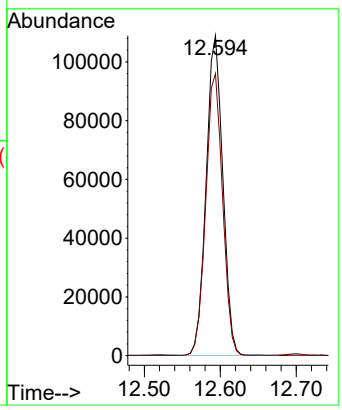


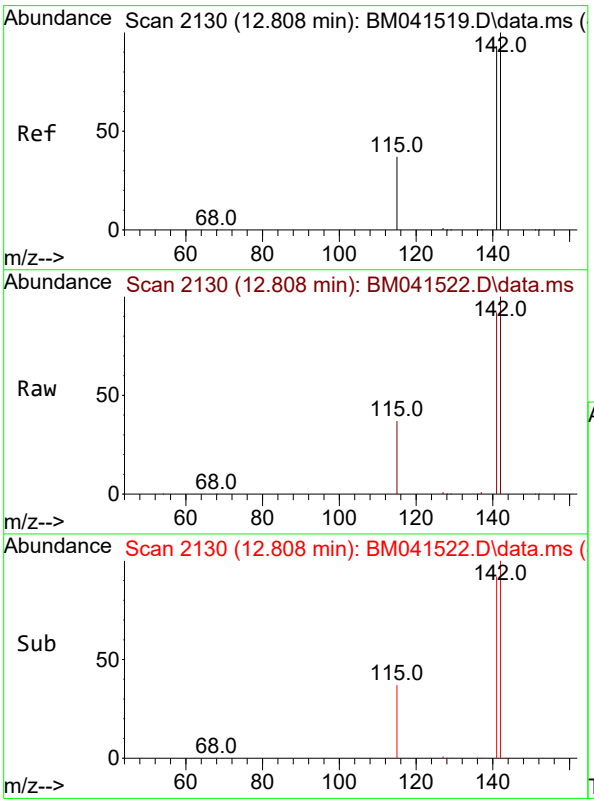
#7
2-Methylnaphthalene
Concen: 3.473 ng/ul
RT: 12.594 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:142 Resp: 165235

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6

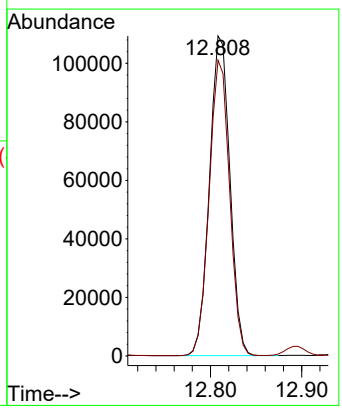


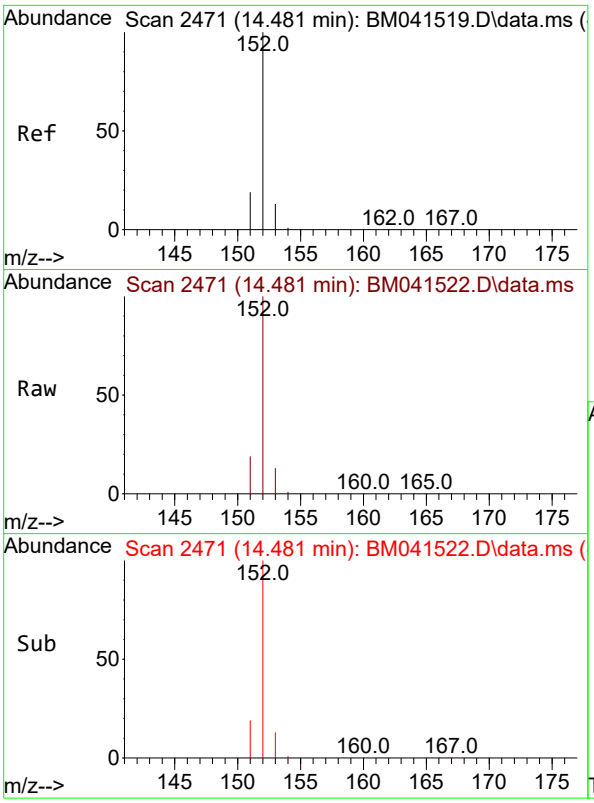


#8
1-Methylnaphthalene
Concen: 3.537 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:142 Resp: 170069

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9



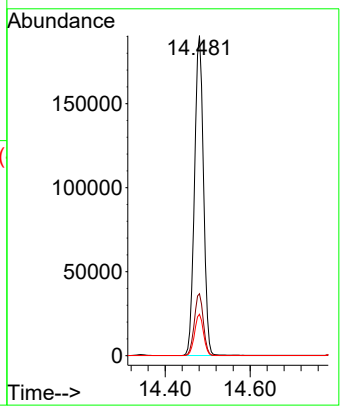


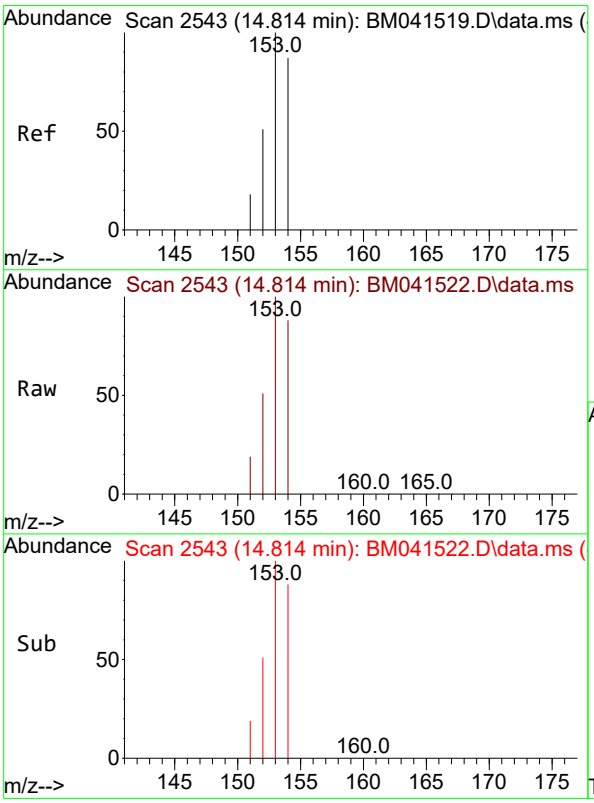
#10
Acenaphthylene
Concen: 3.457 ng/ul
RT: 14.481 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:152 Resp: 278933

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.5	15.7

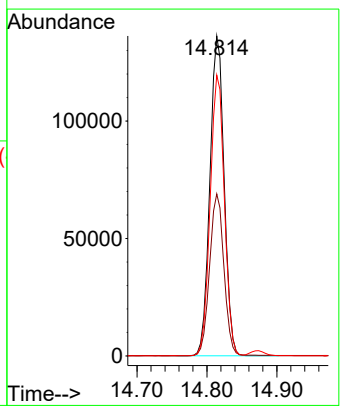


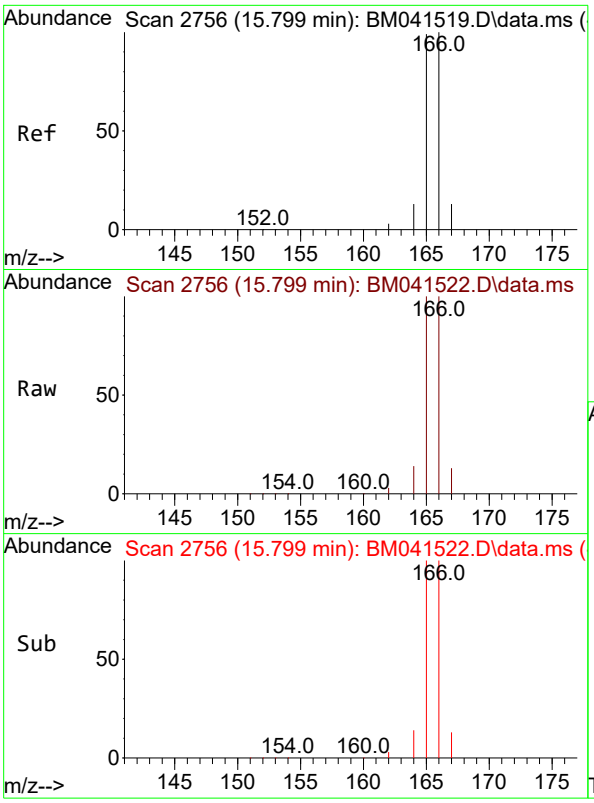


#11
Acenaphthene
Concen: 3.392 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:153 Resp: 192347

Ion	Ratio	Lower	Upper
153	100		
152	50.7	41.1	61.7
154	87.7	69.4	104.0



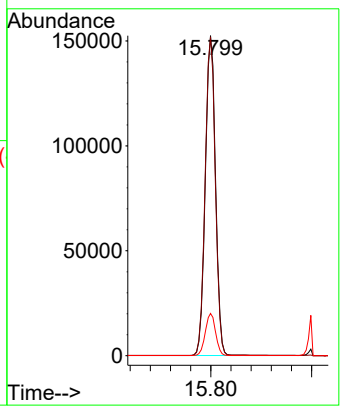


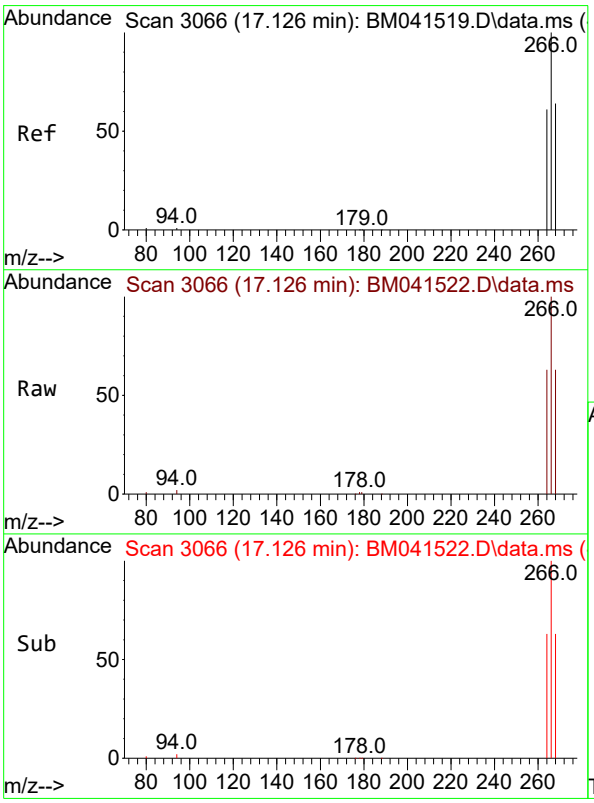
#12
Fluorene
Concen: 3.500 ng/ul
RT: 15.799 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:166 Resp: 214256

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.2	118.8
167	13.2	10.8	16.2

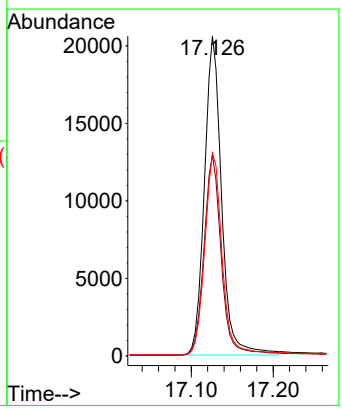


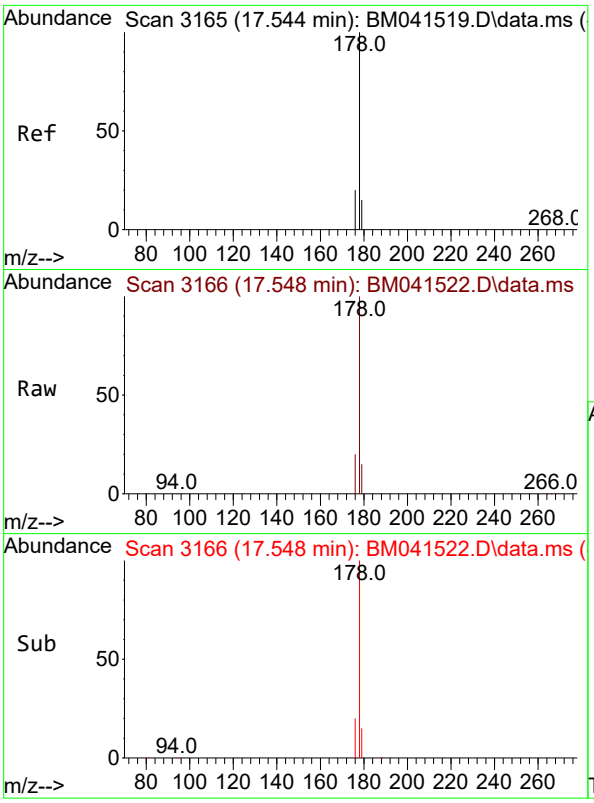


#14
Pentachlorophenol
Concen: 3.417 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:266 Resp: 29982

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.0	75.0
268	64.2	51.4	77.0



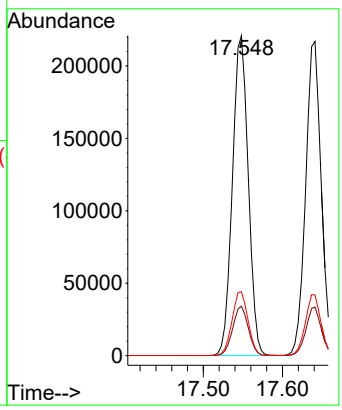


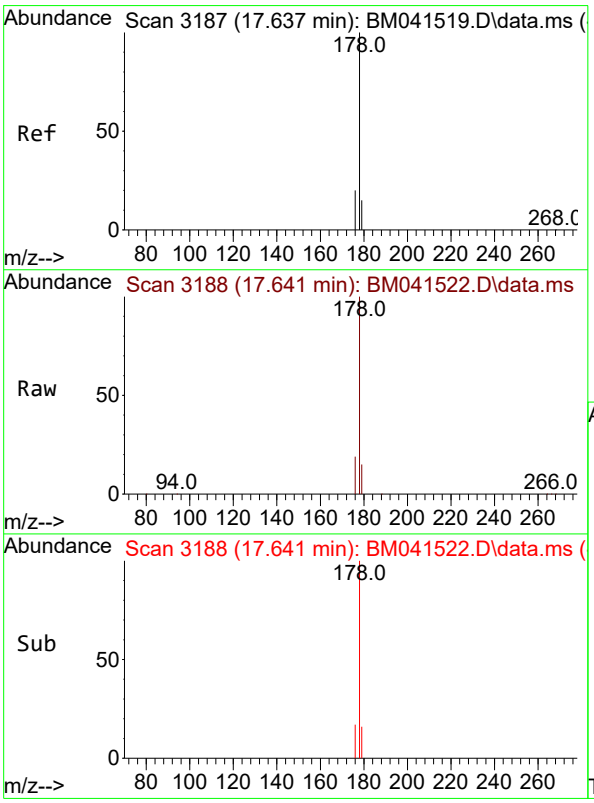
#15
Phenanthrene
Concen: 3.490 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:178 Resp: 305645

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.9	16.3	24.5

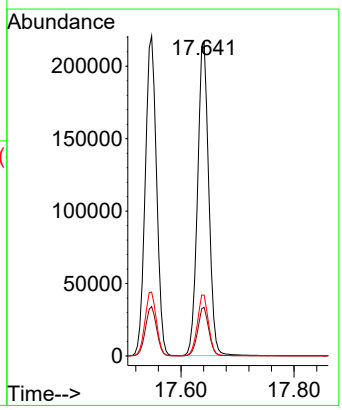


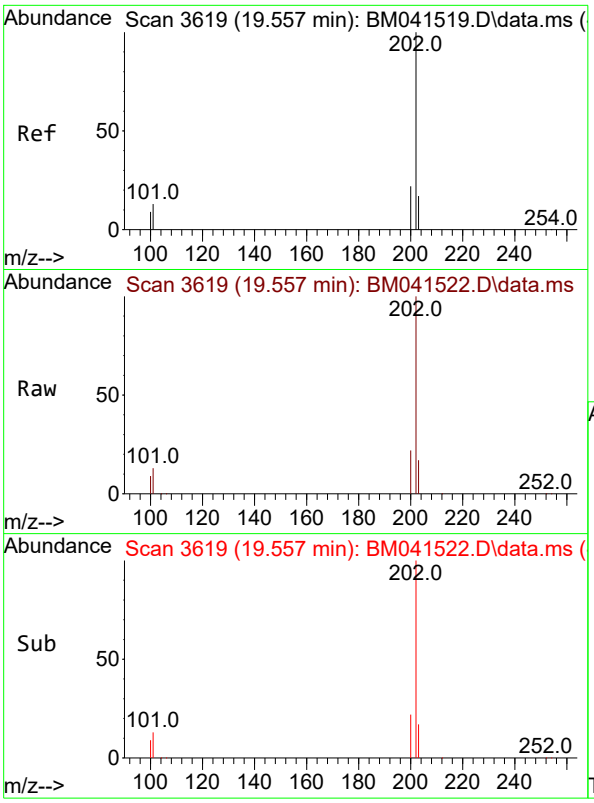


#16
Anthracene
Concen: 3.718 ng/ul
RT: 17.641 min Scan# 3188
Delta R.T. 0.004 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:178 Resp: 298972

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.3	15.9	23.9



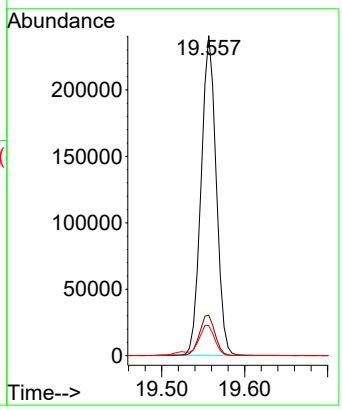


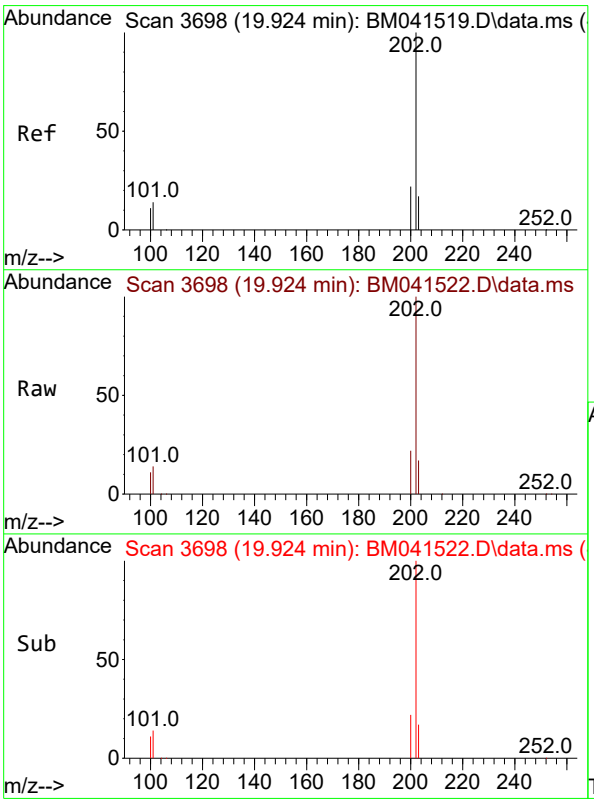
#19
Fluoranthene
Concen: 4.165 ng/ul
RT: 19.557 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:202 Resp: 304122

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.5	15.7
100	9.4	7.8	11.6

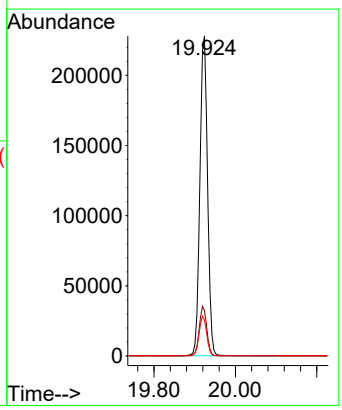


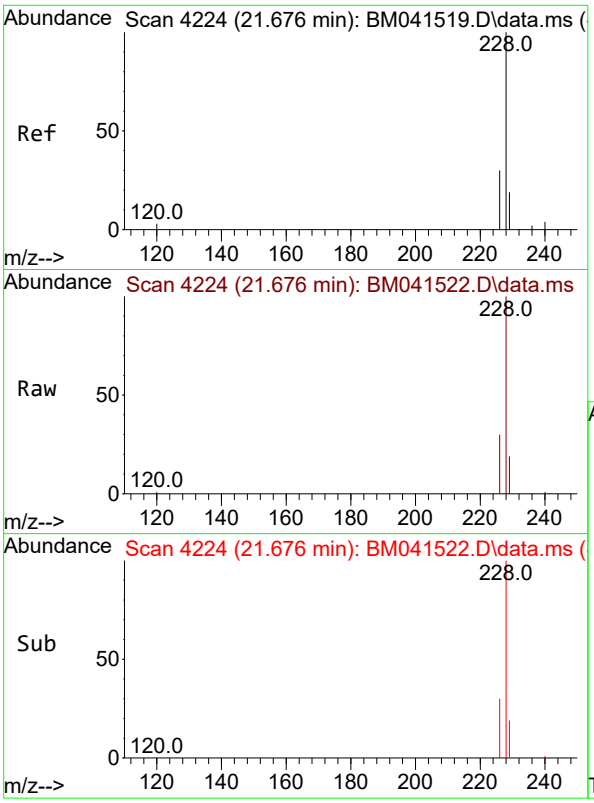


#20
Pyrene
Concen: 4.026 ng/ul
RT: 19.924 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:202 Resp: 297473

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.6	17.4
100	11.2	9.1	13.7



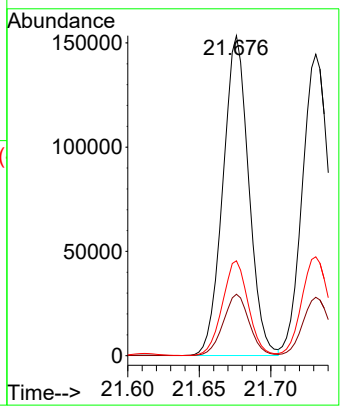


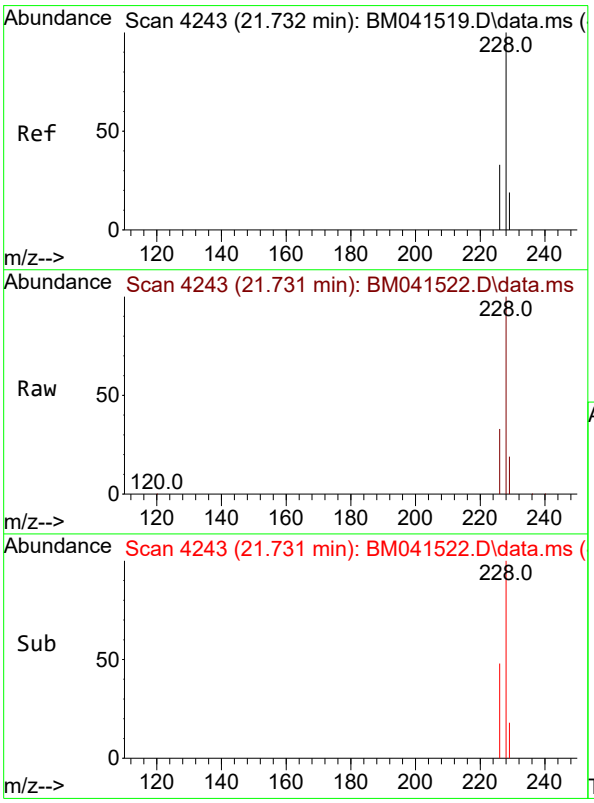
#21
Benzo(a)anthracene
Concen: 3.428 ng/ul
RT: 21.676 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:228 Resp: 192523

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.8	23.6
226	29.7	24.0	36.0

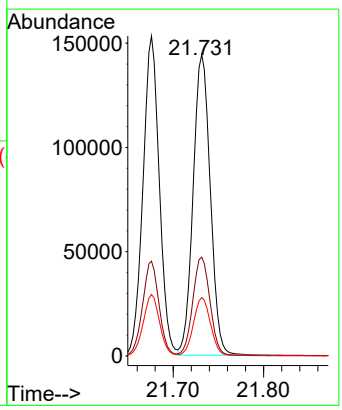


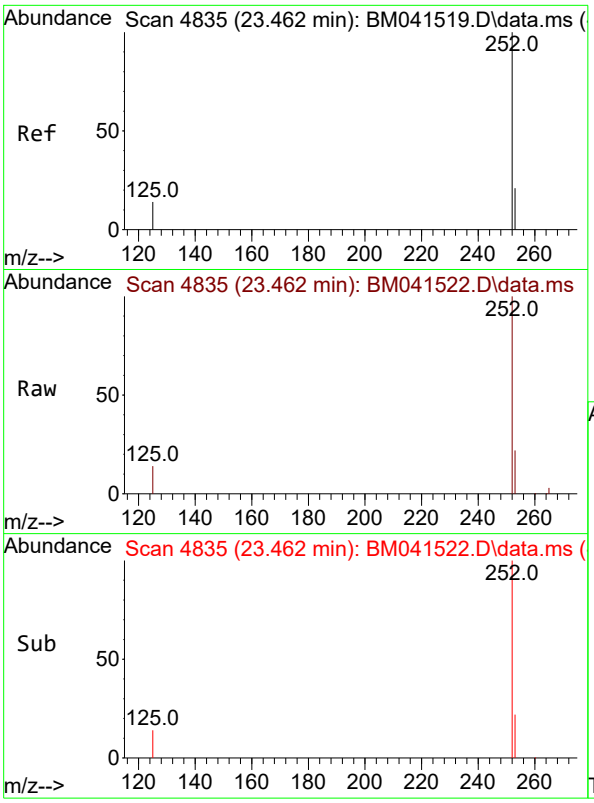


#22
Chrysene
Concen: 3.419 ng/ul
RT: 21.731 min Scan# 4243
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:228 Resp: 190175

Ion	Ratio	Lower	Upper
228	100		
226	32.8	26.3	39.5
229	19.4	15.4	23.2



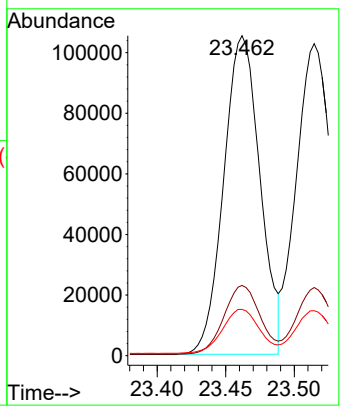


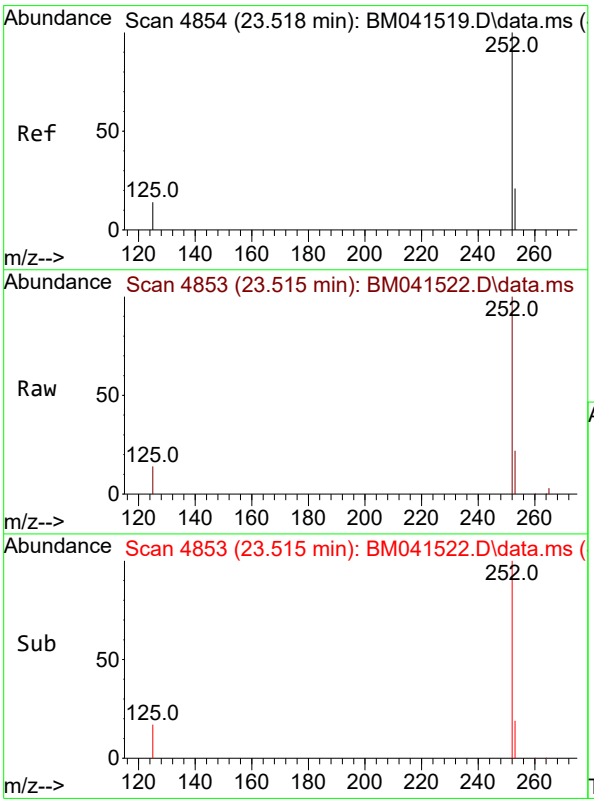
#24
Benzo(b)fluoranthene
Concen: 3.626 ng/ul
RT: 23.462 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 193585

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	47.0
125	14.4	0.0	37.2

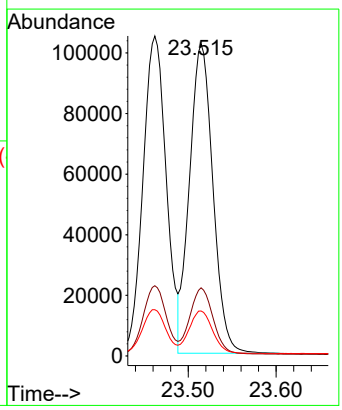


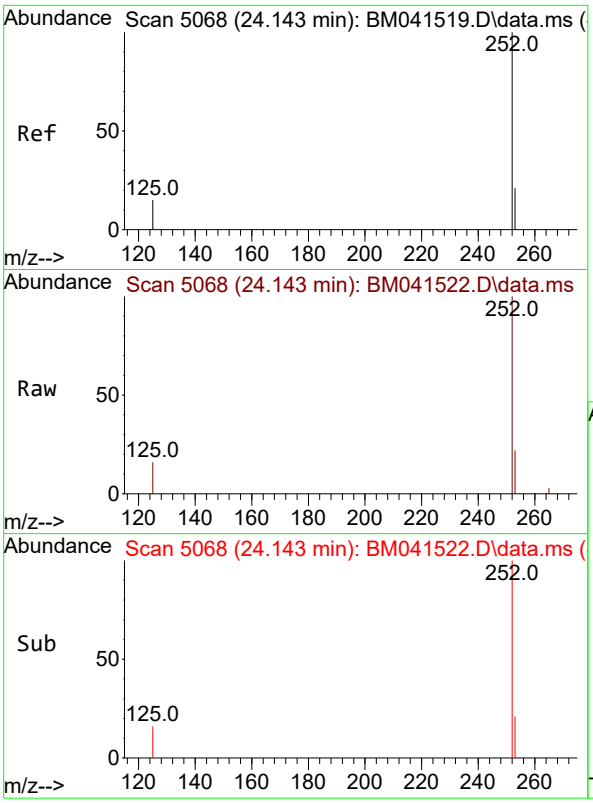


#25
Benzo(k)fluoranthene
Concen: 3.626 ng/ul
RT: 23.515 min Scan# 4853
Delta R.T. -0.003 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:252 Resp: 189321

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.3	28.9
125	14.4	15.0	22.4#



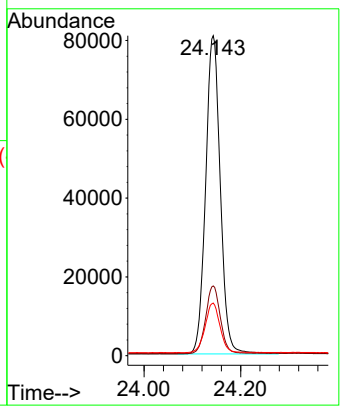


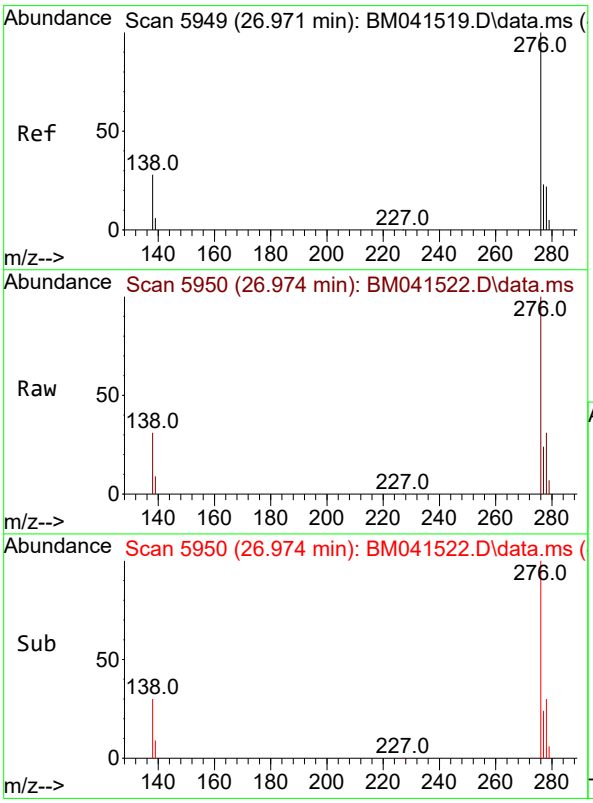
#26
Benzo(a)pyrene
Concen: 3.533 ng/ul
RT: 24.143 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 170475

Ion	Ratio	Lower	Upper
252	100		
253	21.8	20.0	30.0
125	16.5	17.1	25.7#

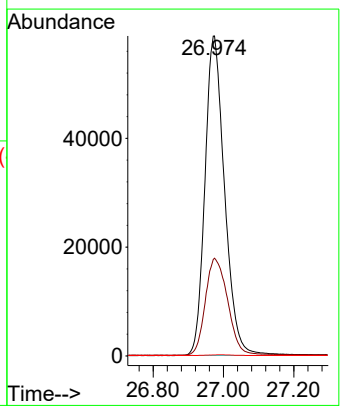


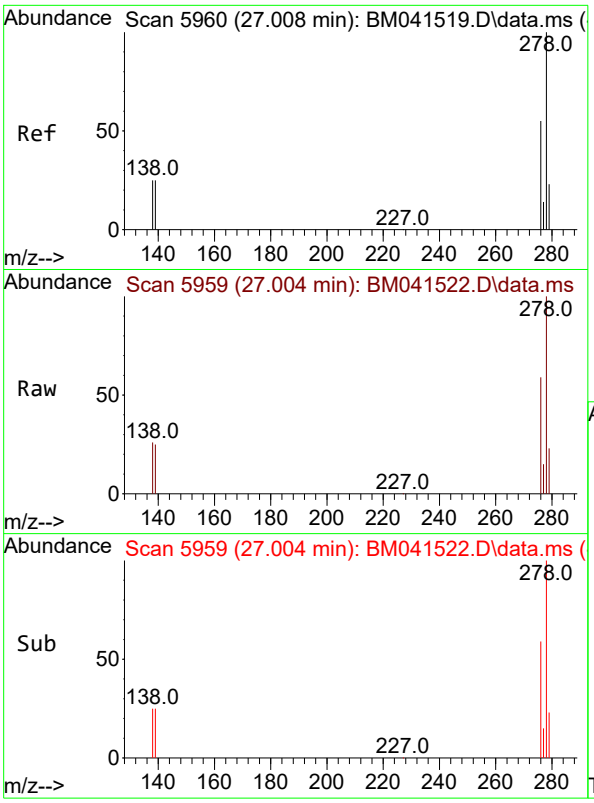


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.510 ng/ul
RT: 26.974 min Scan# 5950
Delta R.T. 0.003 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:276 Resp: 227633

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.3	40.9
227	0.2	0.0	0.0#



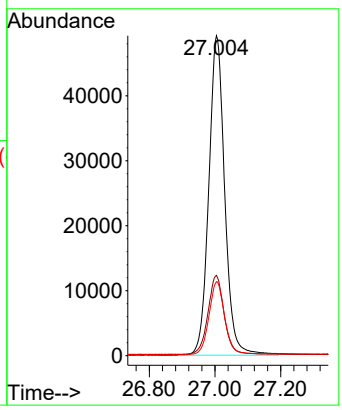


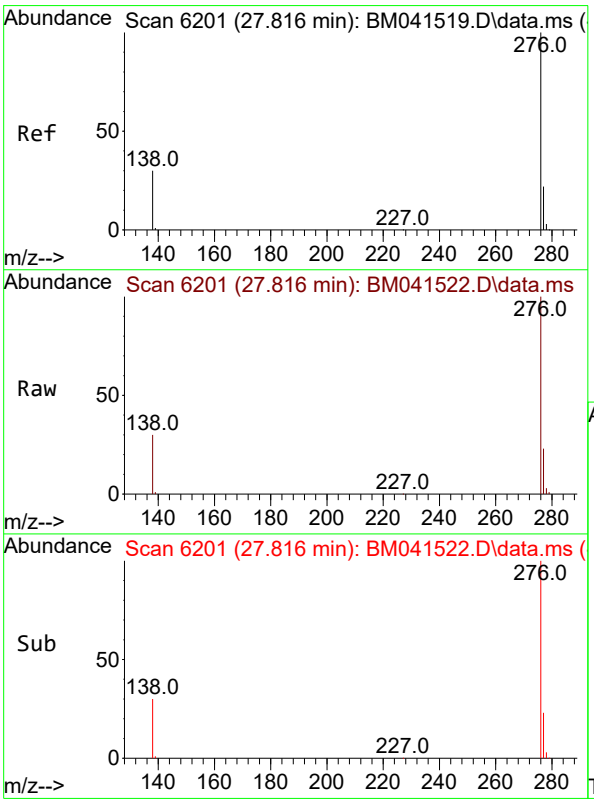
#28
Dibenzo(a,h)anthracene
Concen: 3.554 ng/ul
RT: 27.004 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:278 Resp: 165830

Ion	Ratio	Lower	Upper
278	100		
139	25.1	22.2	33.2
279	23.2	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 3.531 ng/ul
RT: 27.816 min Scan# 6201
Delta R.T. -0.000 min
Lab File: BM041522.D
Acq: 28 Aug 2023 14:41

Tgt Ion:276 Resp: 191825

Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.9	38.9
277	23.2	19.1	28.7