Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
Data File : BM041656.D
Acq On : 05 Sep 2023 17:03
Operator : MA/JU
Sample : SSTD0.225
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Quant Time: Sep 06 02:13:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:12:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	4597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	10185	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	3987	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	7862	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	2919	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	3134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1372	0.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.407	152	2526	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	2774	0.193	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	1466	0.203	ng/ul	92
5) Naphthalene	10.878	128	6598	0.203	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	3668	0.199	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	3717	0.199	ng/ul	100
10) Acenaphthylene	14.375	152	4873	0.175	ng/ul	98
11) Acenaphthene	14.712	153	3743	0.195	ng/ul	99
12) Fluorene	15.698	166	4208	0.202	ng/ul	98
14) Pentachlorophenol	17.025	266	581	0.192	ng/ul	98
15) Phenanthrene	17.443	178	6519	0.190	ng/ul	99
16) Anthracene	17.535	178	5570	0.187	ng/ul	97
19) Fluoranthene	19.450	202	6586	0.172	ng/ul	98
20) Pyrene	19.817	202	6648	0.173	ng/ul	97
21) Benzo(a)anthracene	21.556	228	4706	0.181	ng/ul	98
22) Chrysene	21.612	228	5081	0.182	ng/ul	99
24) Benzo(b)fluoranthene	23.254	252	5545	0.190	ng/ul	88
25) Benzo(k)fluoranthene	23.304	252	5315	0.192	ng/ul#	89
26) Benzo(a)pyrene	23.898	252	4447	0.171	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.532	276	6043	0.174	ng/ul	97
28) Dibenzo(a,h)anthracene	26.558	278	4221	0.181	ng/ul	95
29) Benzo(g,h,i)perylene	27.316	276	5439	0.187	ng/ul	95

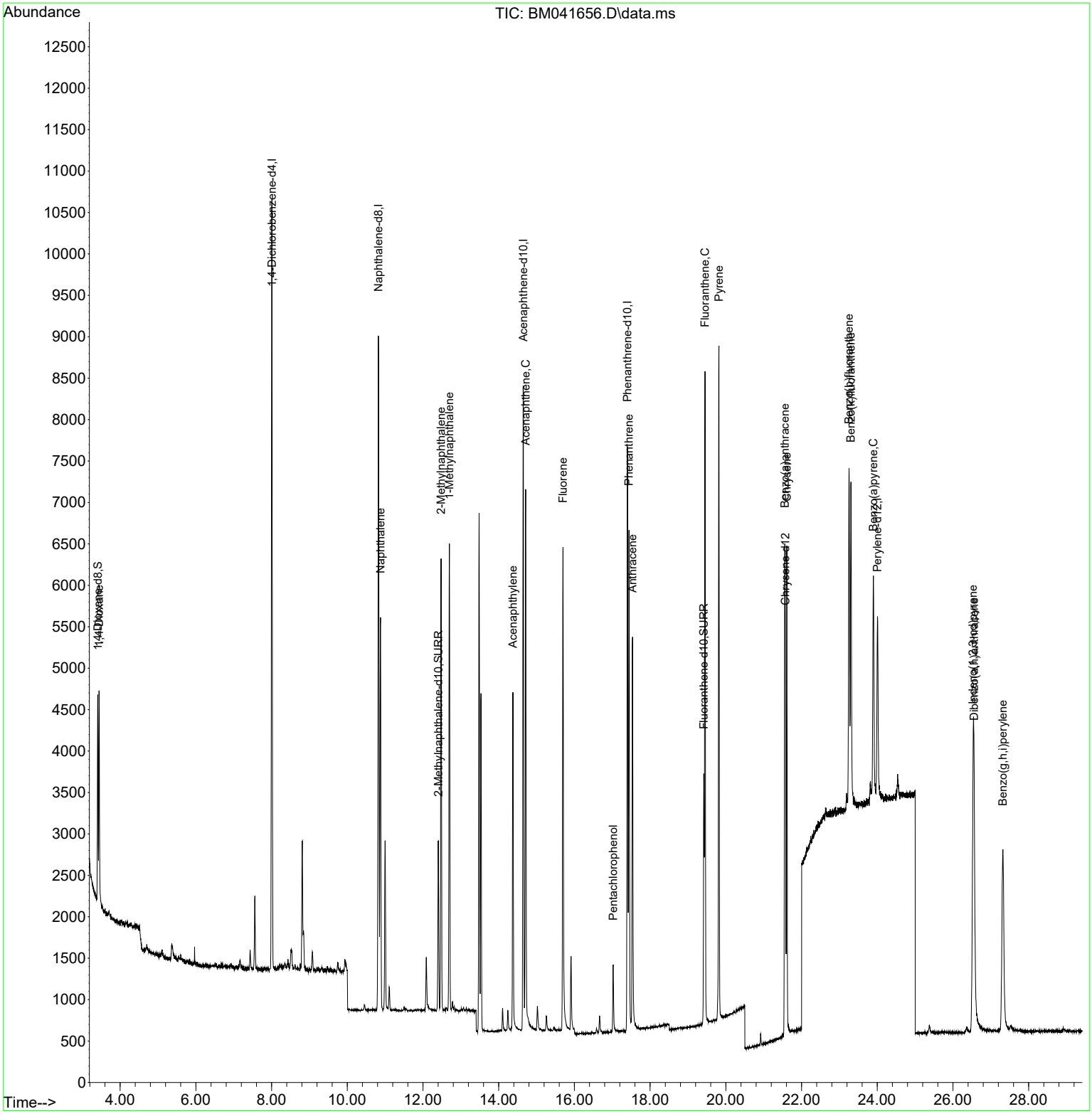
(#) = qualifier out of range (m) = manual integration (+) = signals summed

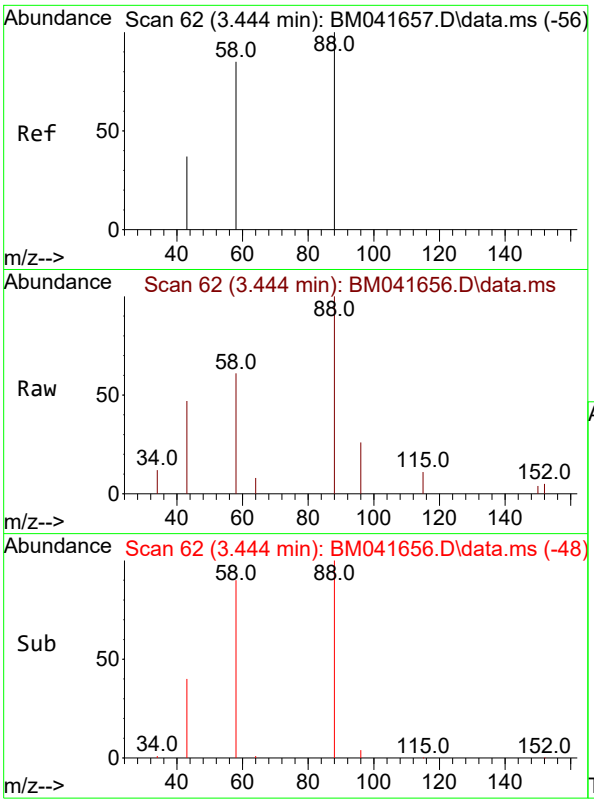
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090523\
Data File : BM041656.D
Acq On : 05 Sep 2023 17:03
Operator : MA/JU
Sample : SSTD0.225
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Quant Time: Sep 06 02:13:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:12:18 2023
Response via : Initial Calibration



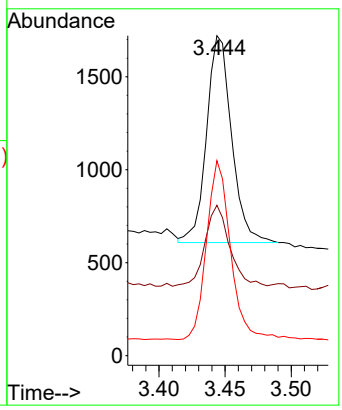


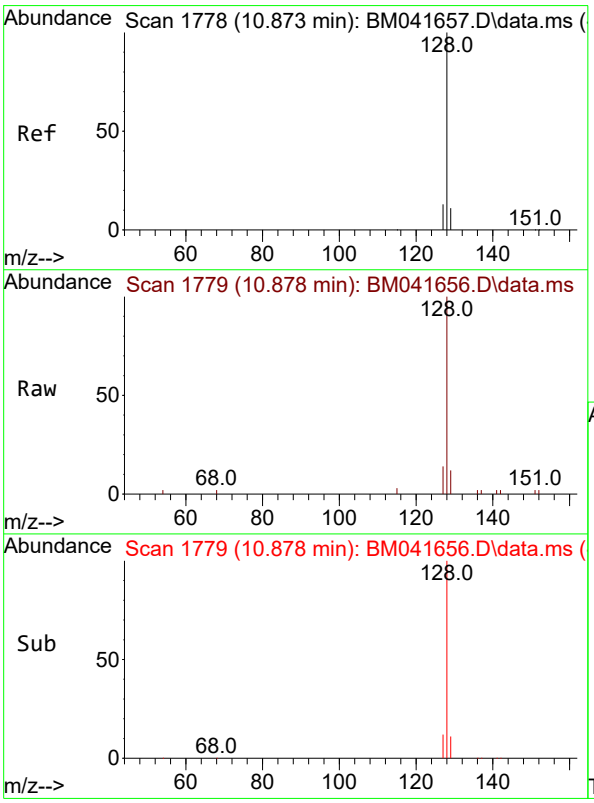
#2
1,4-Dioxane
Concen: 0.203 ng/ul
RT: 3.444 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion: 88 Resp: 1466

Ion	Ratio	Lower	Upper
88	100		
43	47.0	33.8	50.6
58	61.0	54.2	81.2

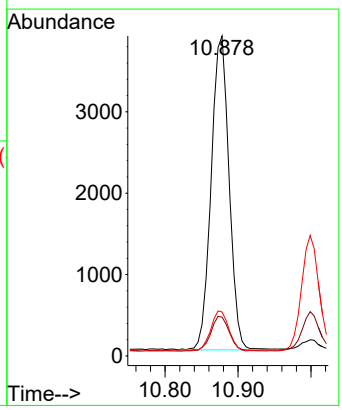


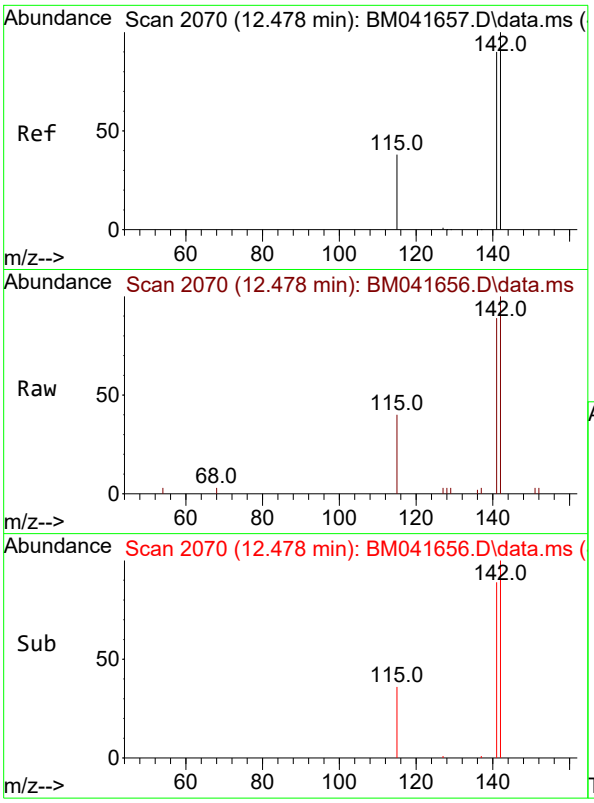


#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.878 min Scan# 1779
Delta R.T. 0.005 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:128 Resp: 6598

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.4	14.0
127	13.7	11.0	16.6



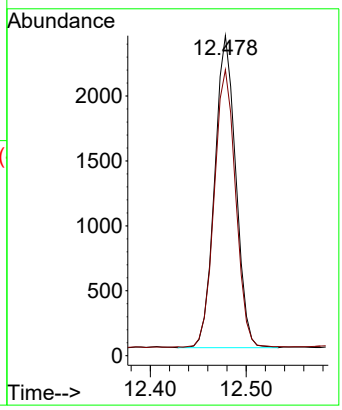


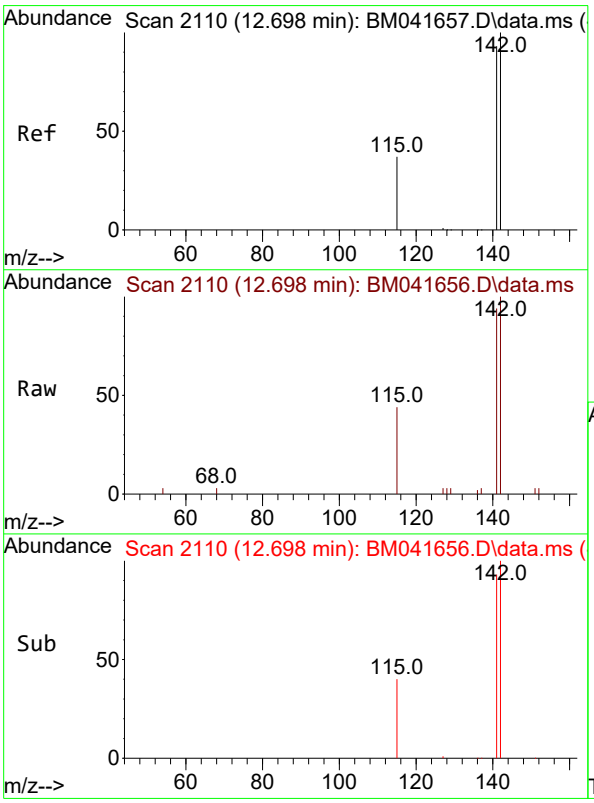
#7
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.478 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:142 Resp: 3668

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.2	108.2

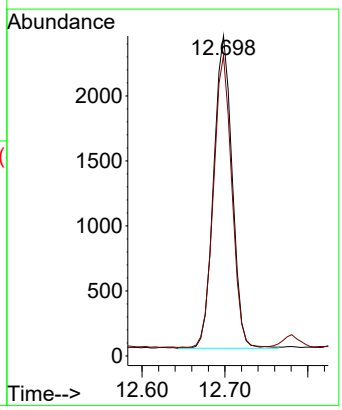


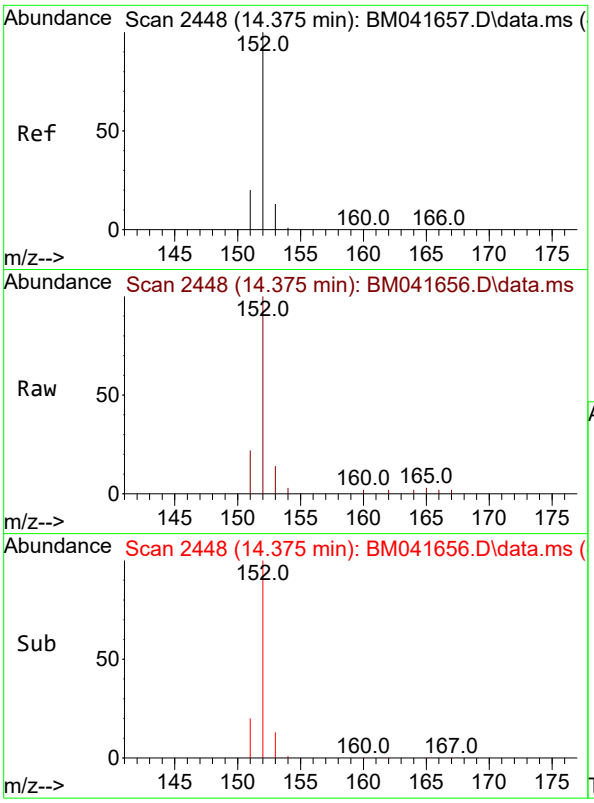


#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.698 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:142 Resp: 3717

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.4	111.6



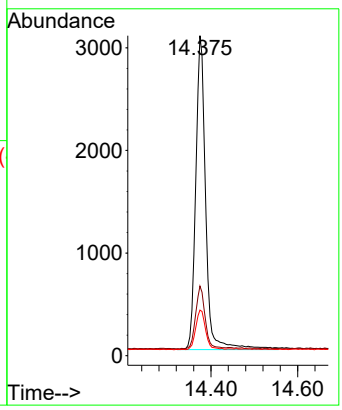


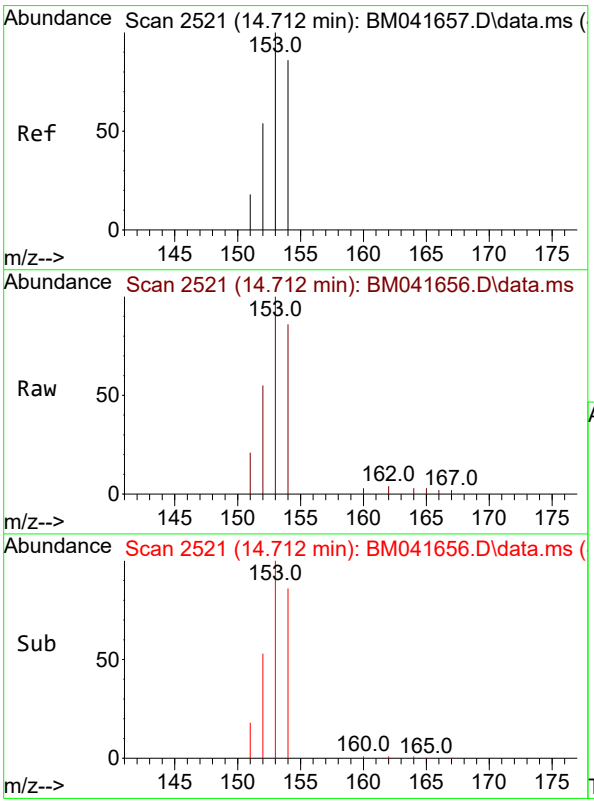
#10
Acenaphthylene
Concen: 0.175 ng/ul
RT: 14.375 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:152 Resp: 4873

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.4	24.6
153	14.2	11.1	16.7

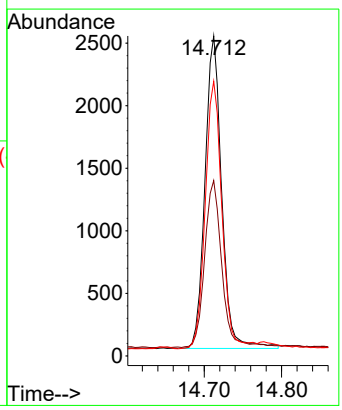


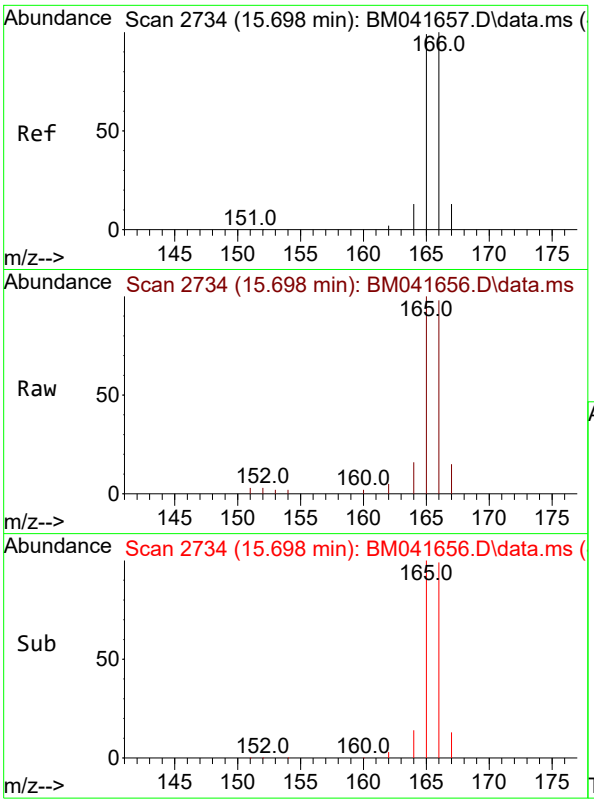


#11
Acenaphthene
Concen: 0.195 ng/ul
RT: 14.712 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:153 Resp: 3743

Ion	Ratio	Lower	Upper
153	100		
152	54.8	43.4	65.2
154	85.8	69.4	104.0



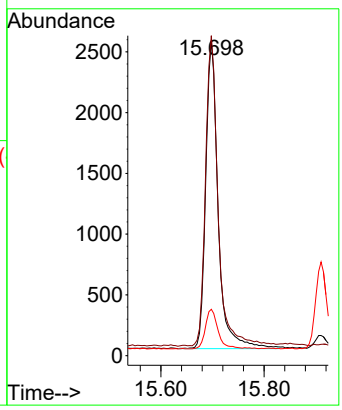


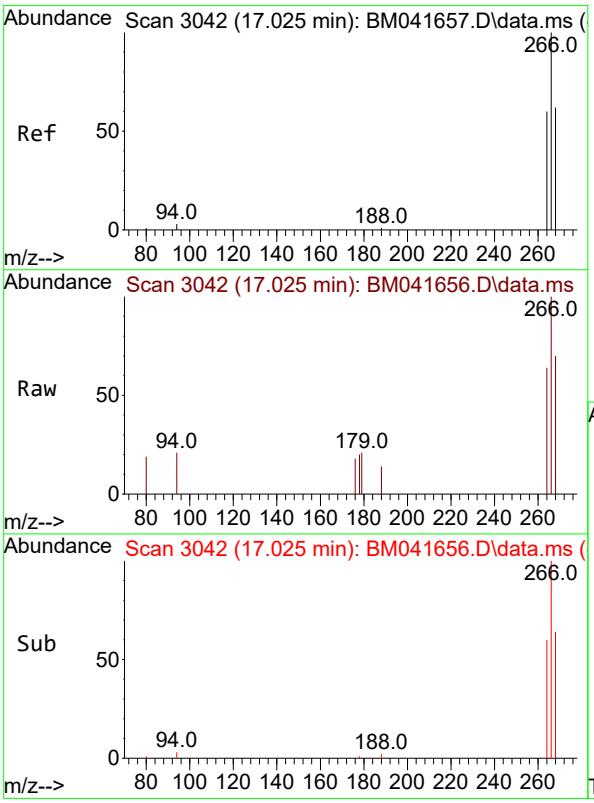
#12
Fluorene
Concen: 0.202 ng/ul
RT: 15.698 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:166 Resp: 4208

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.4	119.2
167	14.7	11.3	16.9

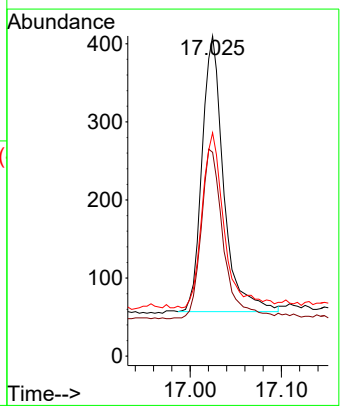


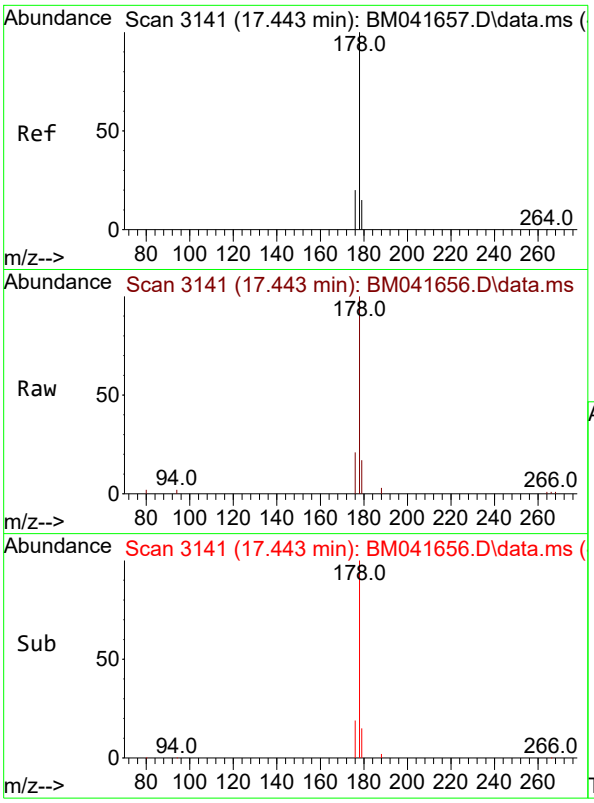


#14
Pentachlorophenol
Concen: 0.192 ng/ul
RT: 17.025 min Scan# 3042
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:266 Resp: 581

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.0	75.0
268	65.2	50.8	76.2



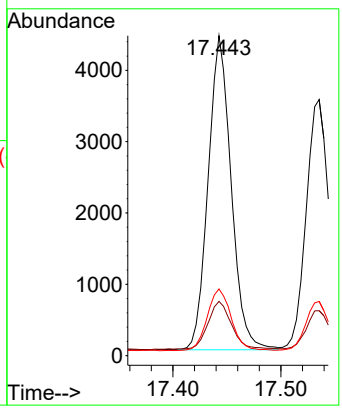


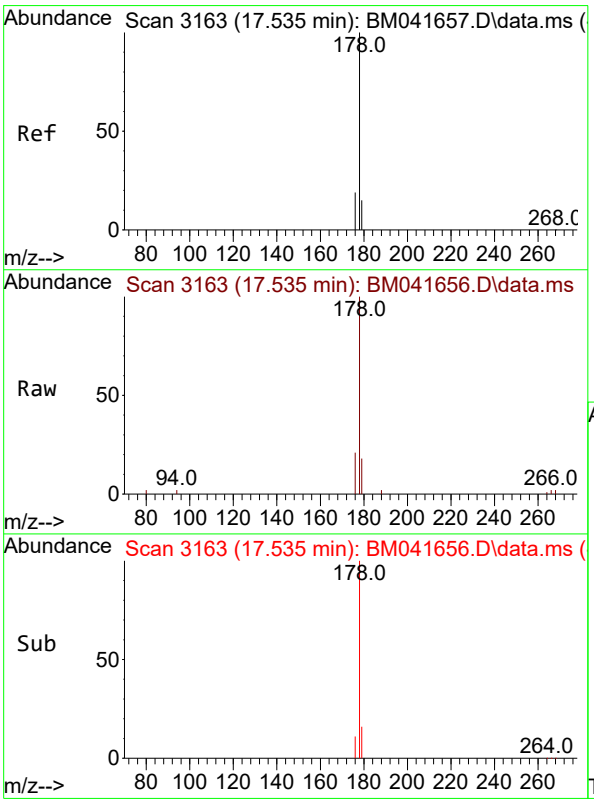
#15
Phenanthrene
Concen: 0.190 ng/ul
RT: 17.443 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:178 Resp: 6519

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.9	19.3
176	20.8	16.9	25.3

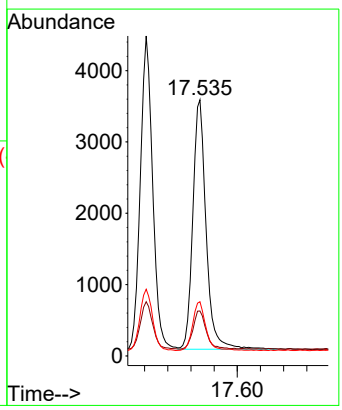


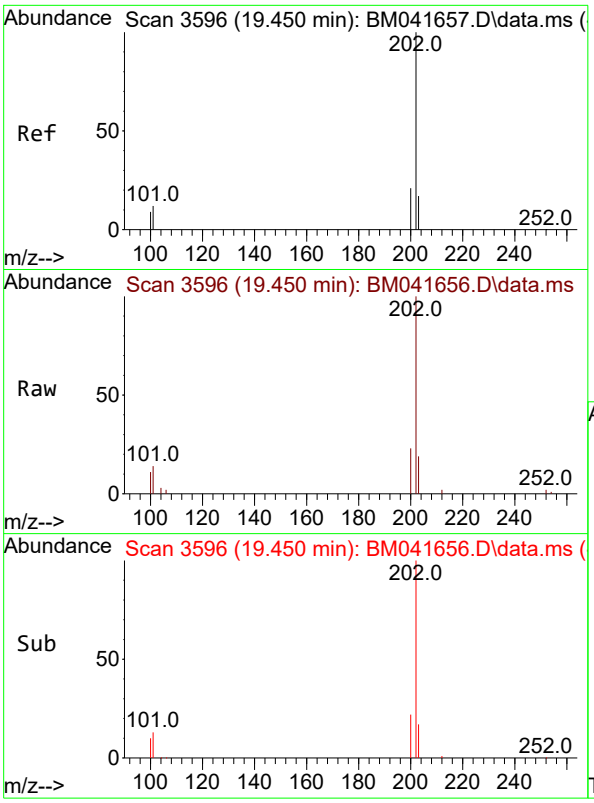


#16
Anthracene
Concen: 0.187 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:178 Resp: 5570

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.9	19.3
176	21.1	15.8	23.8



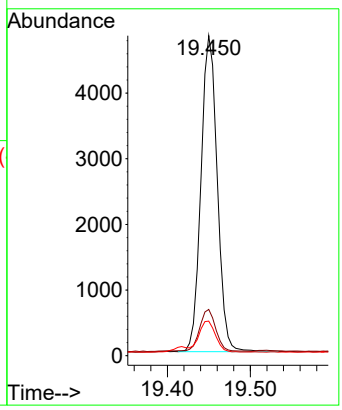


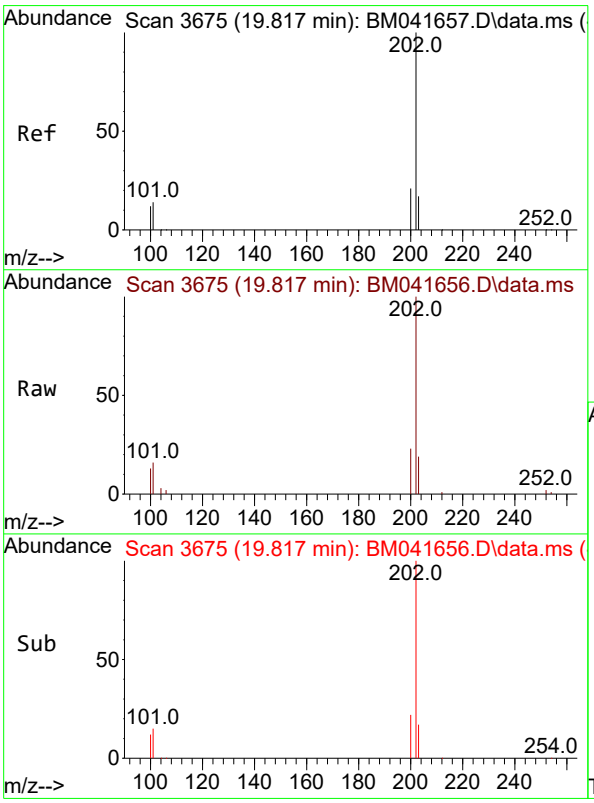
#19
Fluoranthene
Concen: 0.172 ng/ul
RT: 19.450 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:202 Resp: 6586

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.5	15.7
100	10.8	8.4	12.6

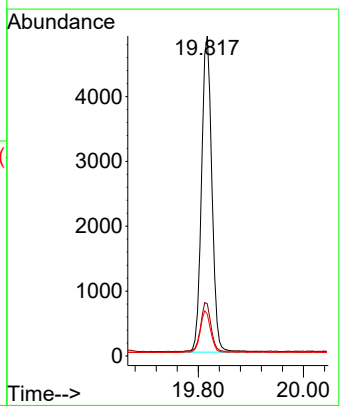


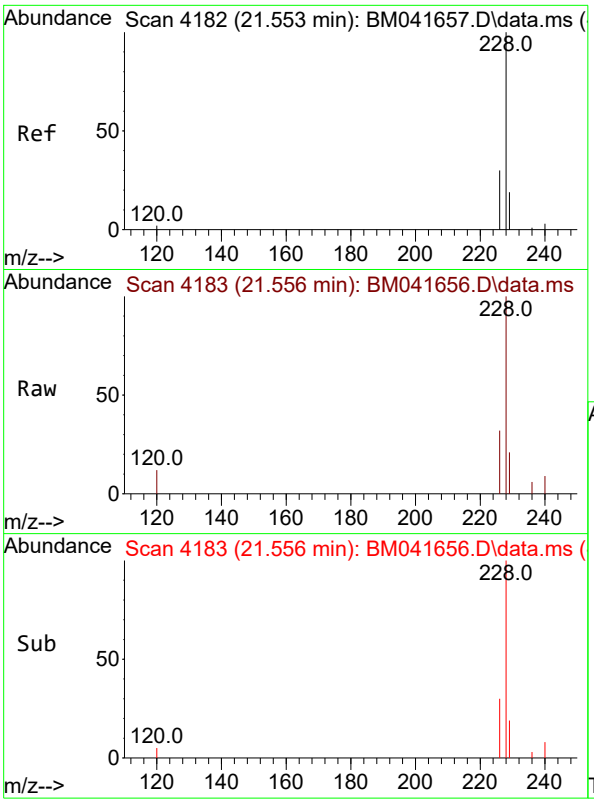


#20
Pyrene
Concen: 0.173 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:202 Resp: 6648

Ion	Ratio	Lower	Upper
202	100		
101	16.3	11.8	17.8
100	13.1	9.8	14.6



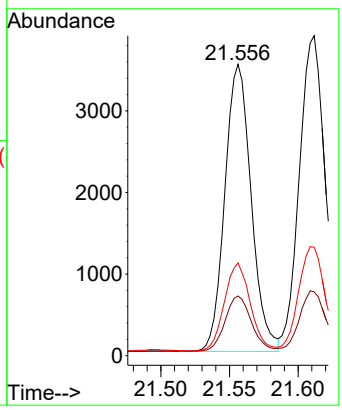


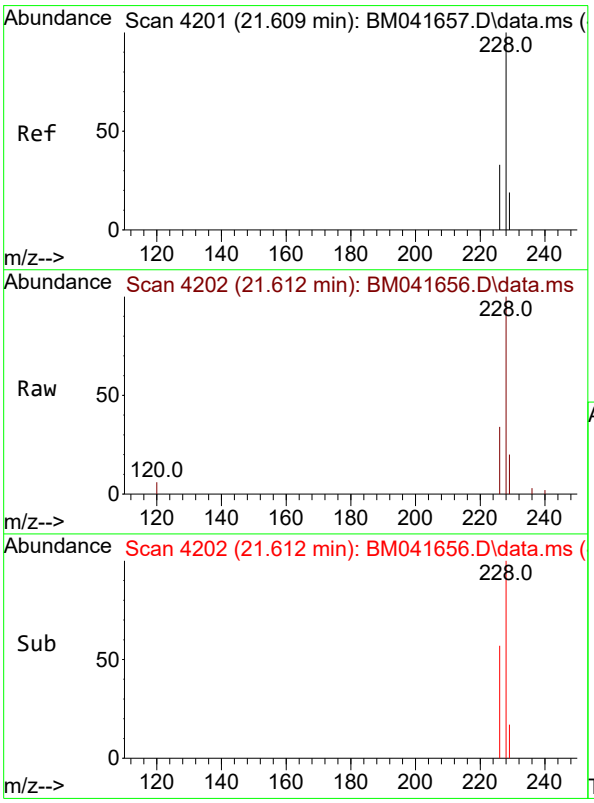
#21
Benzo(a)anthracene
Concen: 0.181 ng/ul
RT: 21.556 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:228 Resp: 4706

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	31.8	24.8	37.2

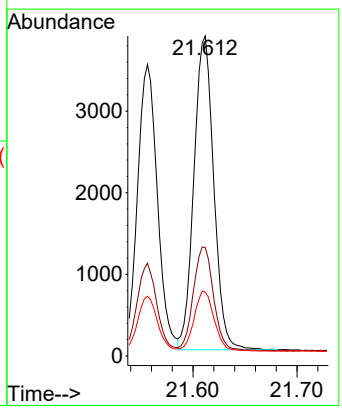


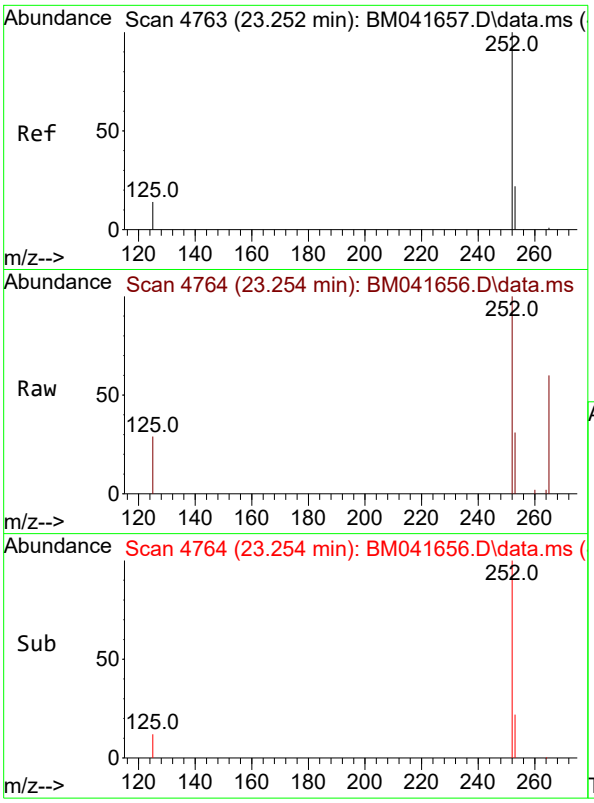


#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.003 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:228 Resp: 5081

Ion	Ratio	Lower	Upper
228	100		
226	33.9	27.0	40.6
229	19.9	15.4	23.2



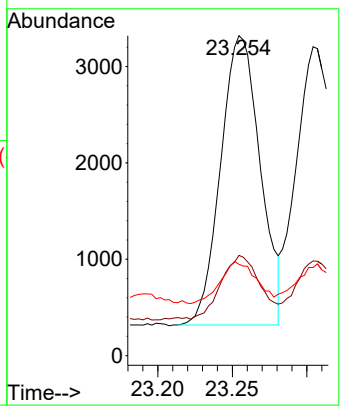


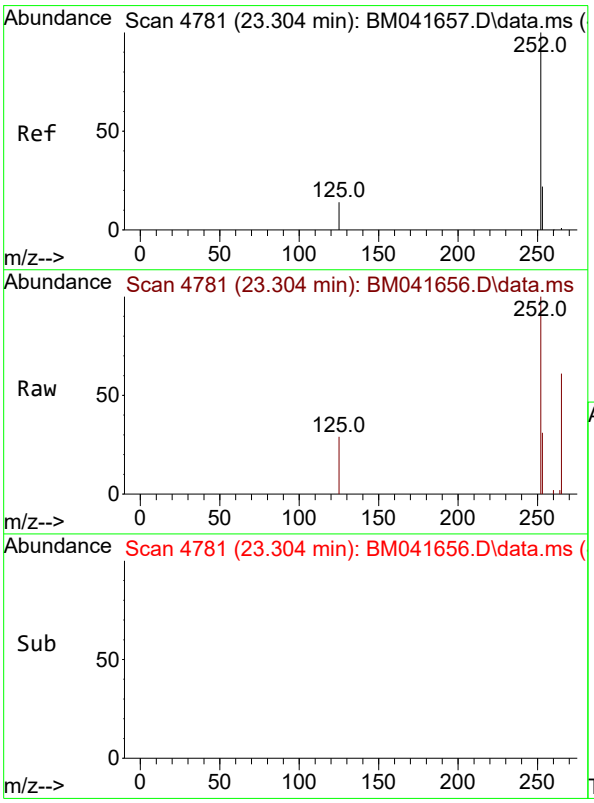
#24
Benzo(b)fluoranthene
Concen: 0.190 ng/ul
RT: 23.254 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:252 Resp: 5545

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	52.4
125	28.6	0.0	42.8

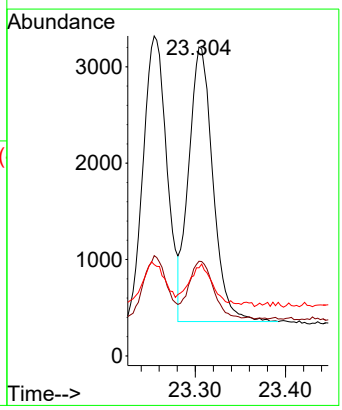


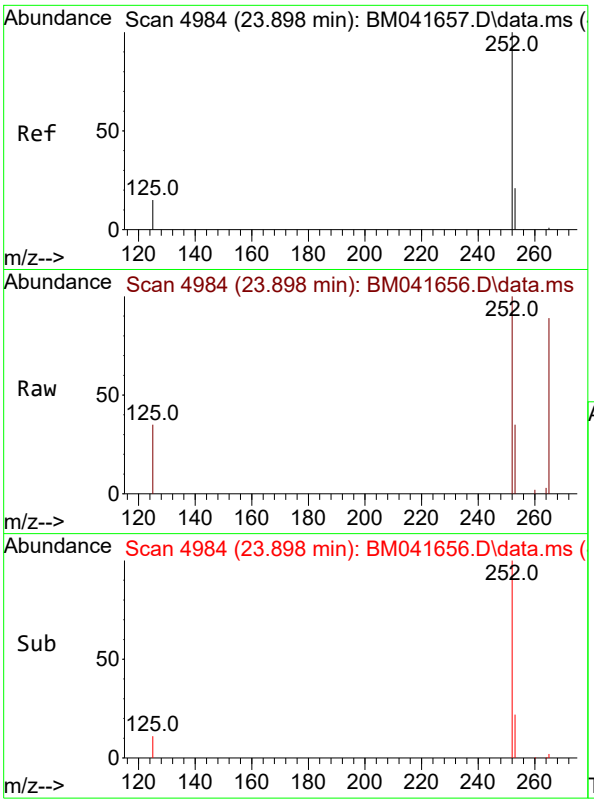


#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul
RT: 23.304 min Scan# 4781
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:252 Resp: 5315

Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.3	31.9
125	28.5	17.4	26.0#



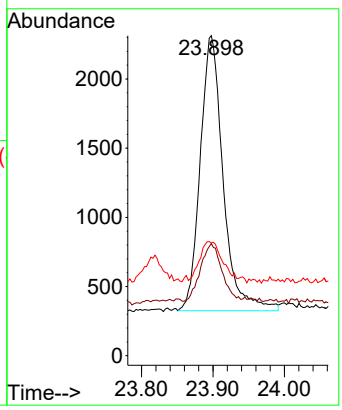


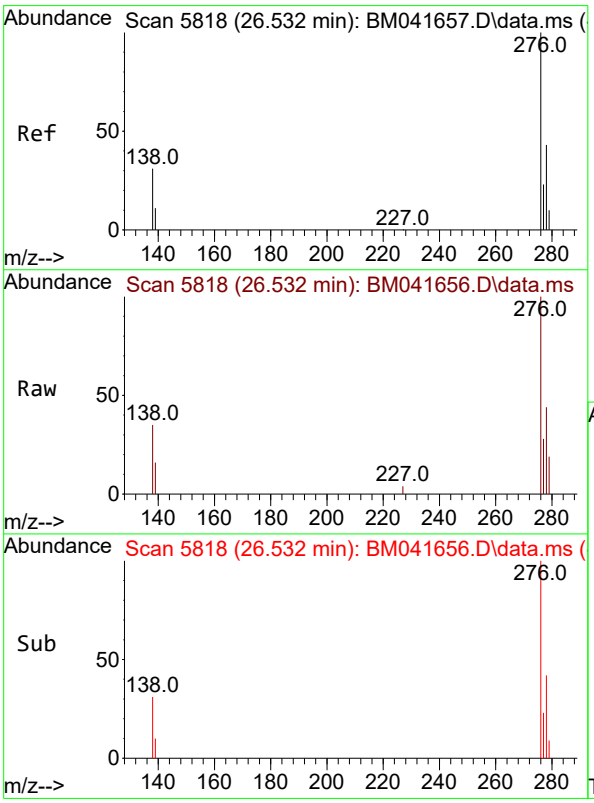
#26
Benzo(a)pyrene
Concen: 0.171 ng/ul
RT: 23.898 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:252 Resp: 4447

Ion	Ratio	Lower	Upper
252	100		
253	35.1	22.4	33.6#
125	35.2	21.0	31.4#

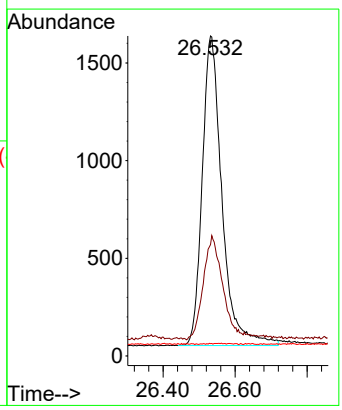


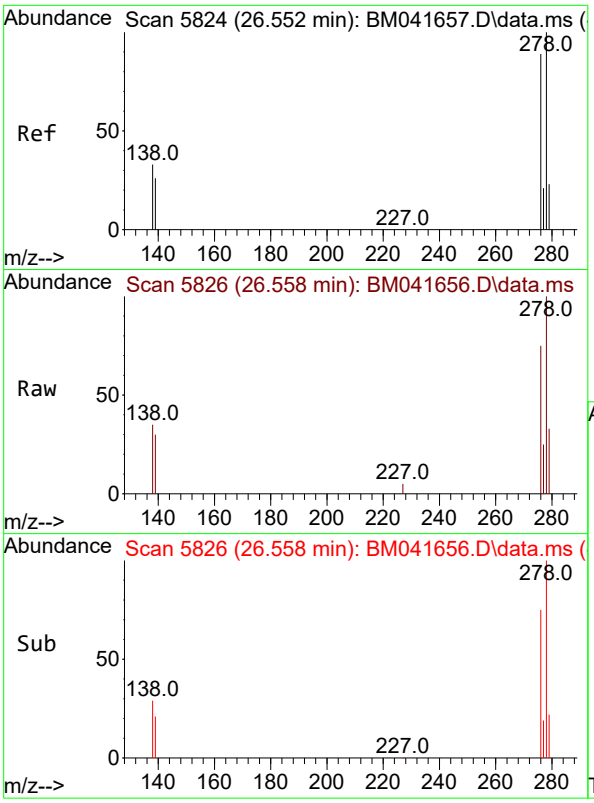


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.174 ng/ul
RT: 26.532 min Scan# 5818
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:276 Resp: 6043

Ion	Ratio	Lower	Upper
276	100		
138	34.5	26.4	39.6
227	0.1	0.1	0.1



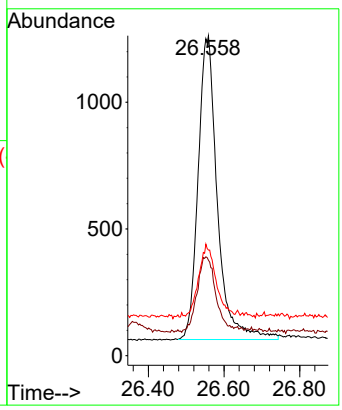


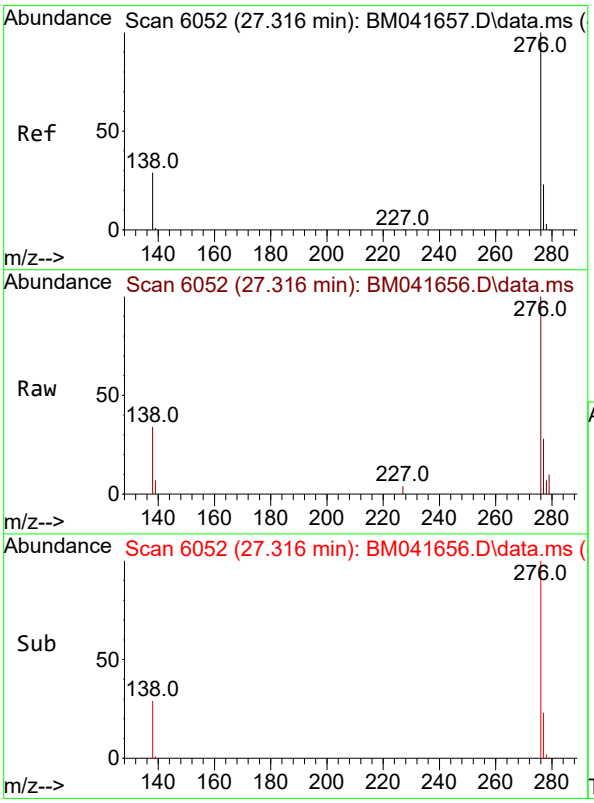
#28
Dibenzo(a,h)anthracene
Concen: 0.181 ng/ul
RT: 26.558 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Instrument :
BNA_M
ClientSampleId :
SSTD0.2016

Tgt Ion:278 Resp: 4221

Ion	Ratio	Lower	Upper
278	100		
139	29.8	23.0	34.6
279	33.0	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul
RT: 27.316 min Scan# 6052
Delta R.T. -0.000 min
Lab File: BM041656.D
Acq: 05 Sep 2023 17:03

Tgt Ion:276 Resp: 5439

Ion	Ratio	Lower	Upper
276	100		
138	34.1	25.0	37.4
277	28.1	20.2	30.2