Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041112.D
Acq On : 25 Jul 2023 18:57
Operator : MA/JU
Sample : 03534-10DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4722DL

Quant Time: Jul 26 04:41:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	13026	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	7098	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	14800	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	13020	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	13456	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1668	0.285	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	405	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	823	0.023	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	300	0.050	ng/ul#	1
5) Naphthalene	10.686	128	1114	0.026	ng/ul#	74
10) Acenaphthylene	14.213	152	1580	0.053	ng/ul#	84
11) Acenaphthene	14.550	153	887	0.035	ng/ul	96
12) Fluorene	15.545	166	1047	0.038	ng/ul#	91
15) Phenanthrene	17.286	178	16388	0.359	ng/ul	100
16) Anthracene	17.383	178	4429	0.120	ng/ul#	94
19) Fluoranthene	19.310	202	37243	0.798	ng/ul	99
20) Pyrene	19.673	202	29665	0.577	ng/ul	100
21) Benzo(a)anthracene	21.431	228	18723	0.430	ng/ul	96
22) Chrysene	21.483	228	19184	0.382	ng/ul	96
24) Benzo(b)fluoranthene	23.105	252	20461	0.382	ng/ul	95
26) Benzo(a)pyrene	23.722	252	6612	0.152	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.290	276	6808	0.106	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.297	278	2693	0.053	ng/ul#	34

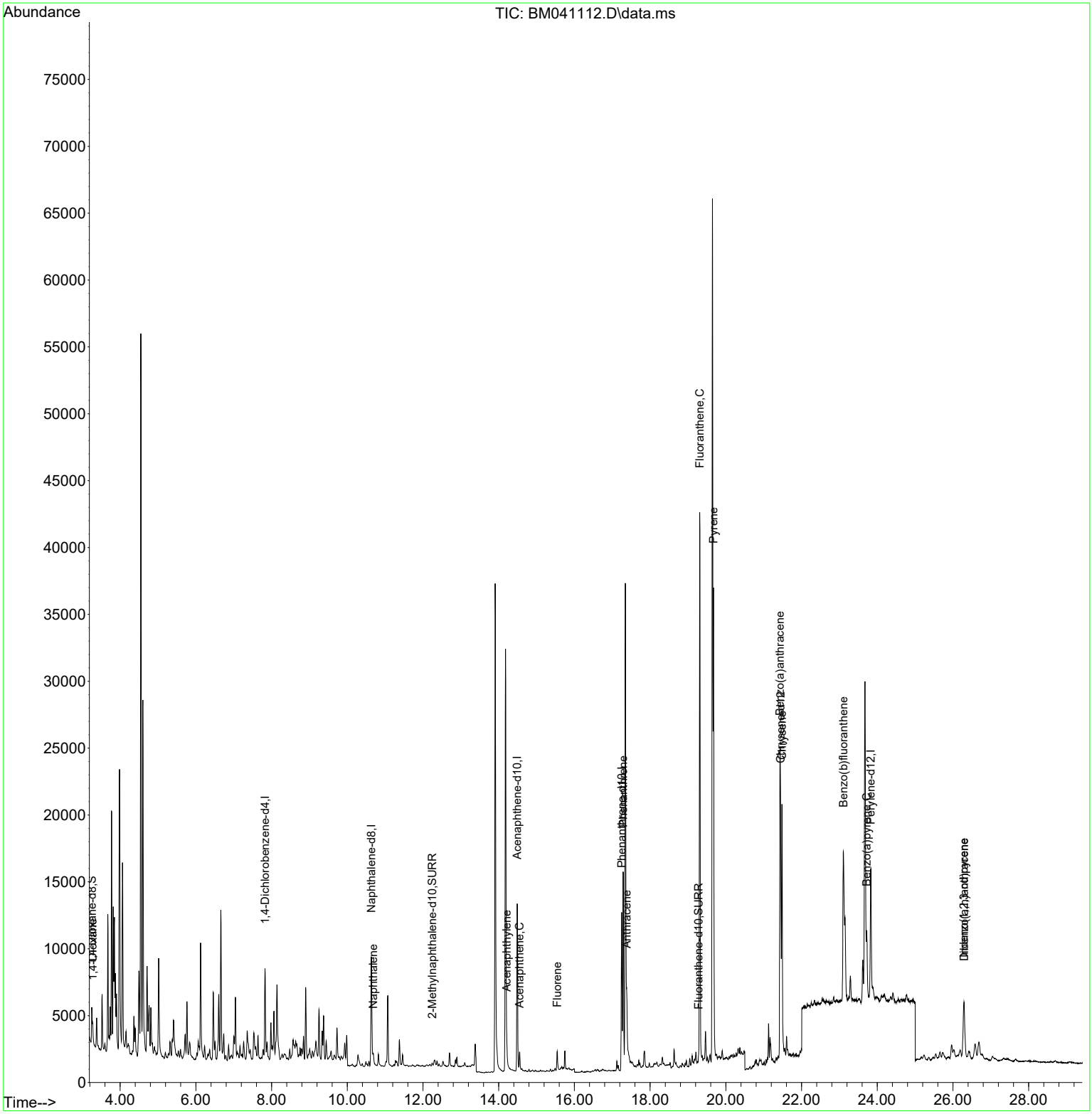
(#) = qualifier out of range (m) = manual integration (+) = signals summed

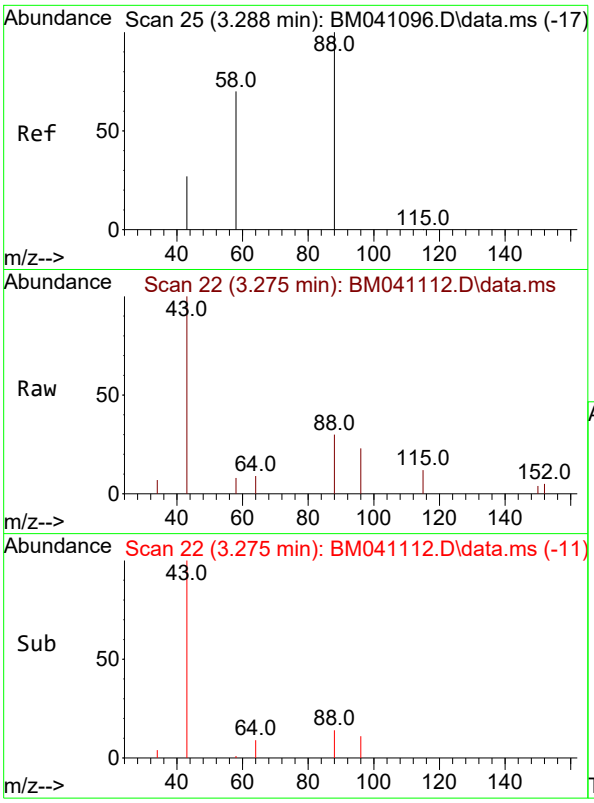
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041112.D
Acq On : 25 Jul 2023 18:57
Operator : MA/JU
Sample : 03534-10DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4722DL

Quant Time: Jul 26 04:41:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 04:20:13 2023
Response via : Initial Calibration



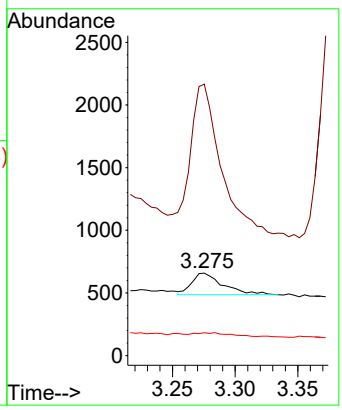


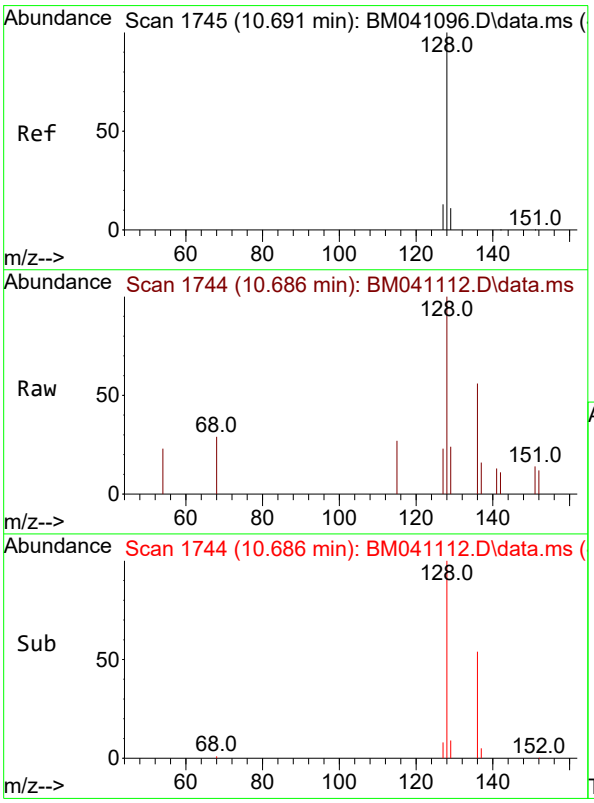
#2
1,4-Dioxane
Concen: 0.050 ng/ul
RT: 3.275 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion: 88 Resp: 300

Ion	Ratio	Lower	Upper
88	100		
43	329.2	83.1	124.7#
58	27.7	38.8	58.2#

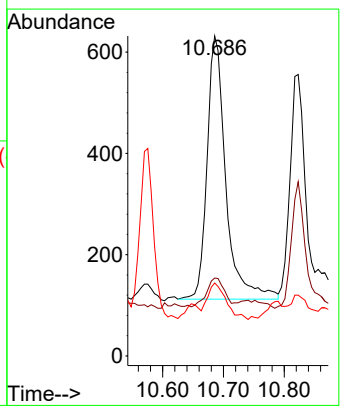


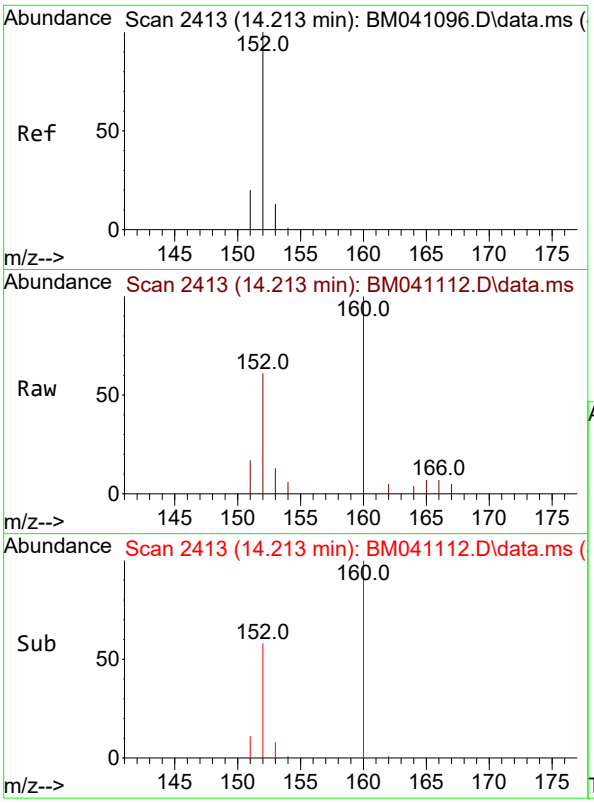


#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:128 Resp: 1114

Ion	Ratio	Lower	Upper
128	100		
129	24.4	9.8	14.8#
127	22.8	11.1	16.7#



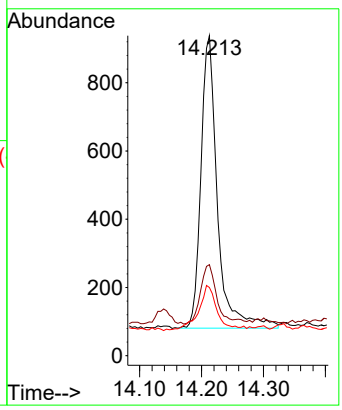


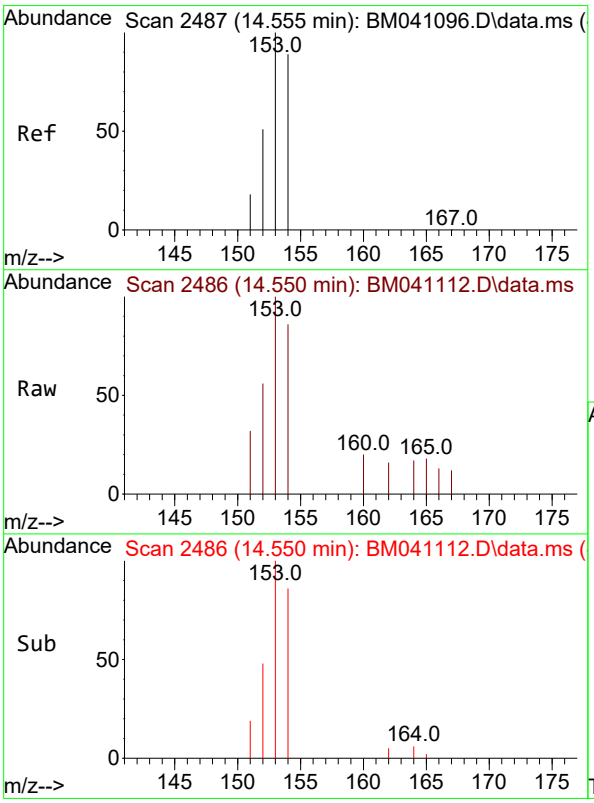
#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.213 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion:152 Resp: 1580

Ion	Ratio	Lower	Upper
152	100		
151	28.5	16.8	25.2#
153	21.3	11.4	17.2#

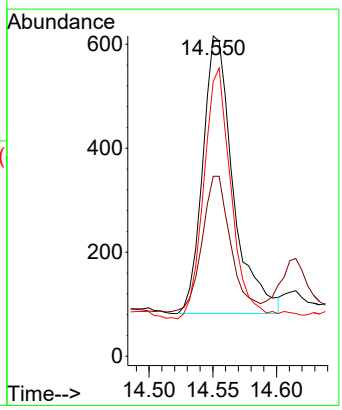


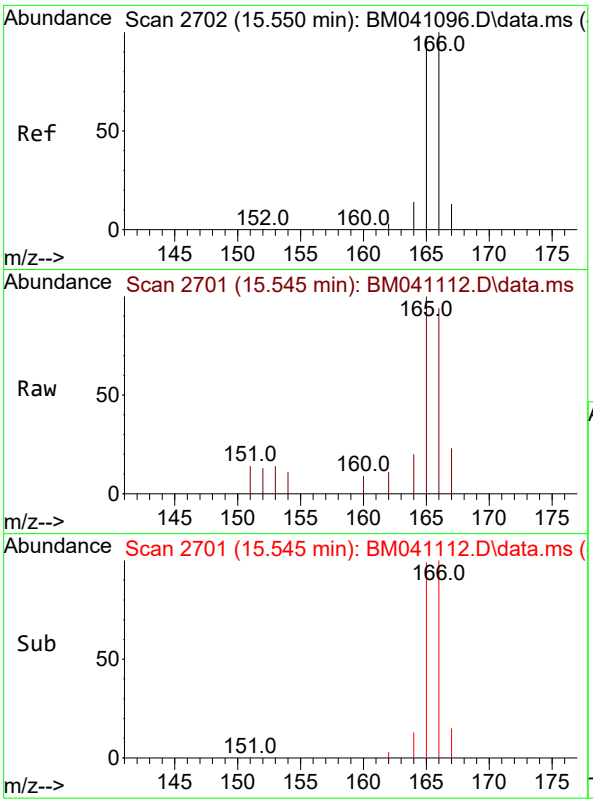


#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:153 Resp: 887

Ion	Ratio	Lower	Upper
153	100		
152	56.2	40.2	60.4
154	85.9	70.3	105.5



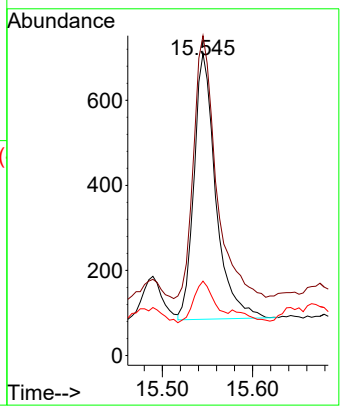


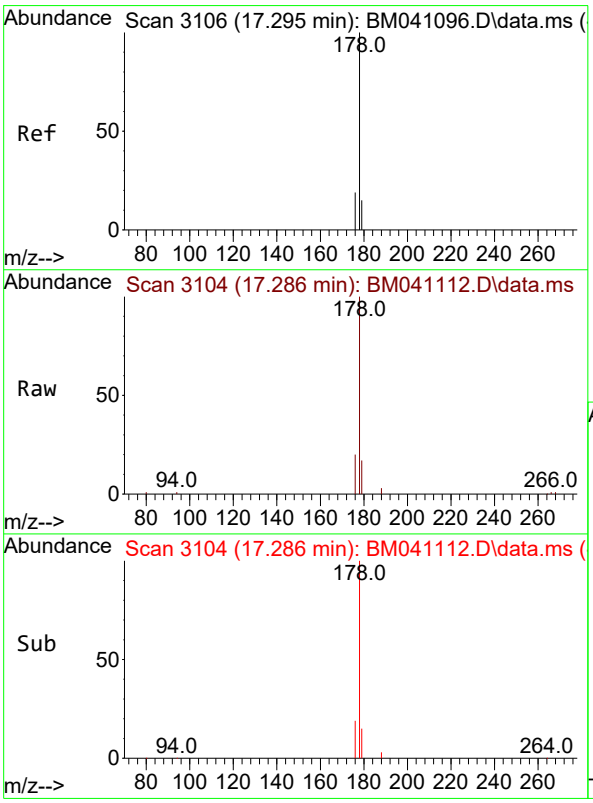
#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.545 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion:166 Resp: 1047

Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.4	119.0
167	24.6	11.4	17.2#

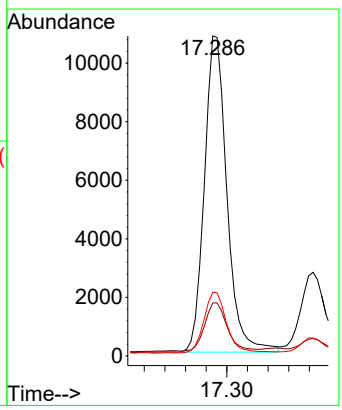


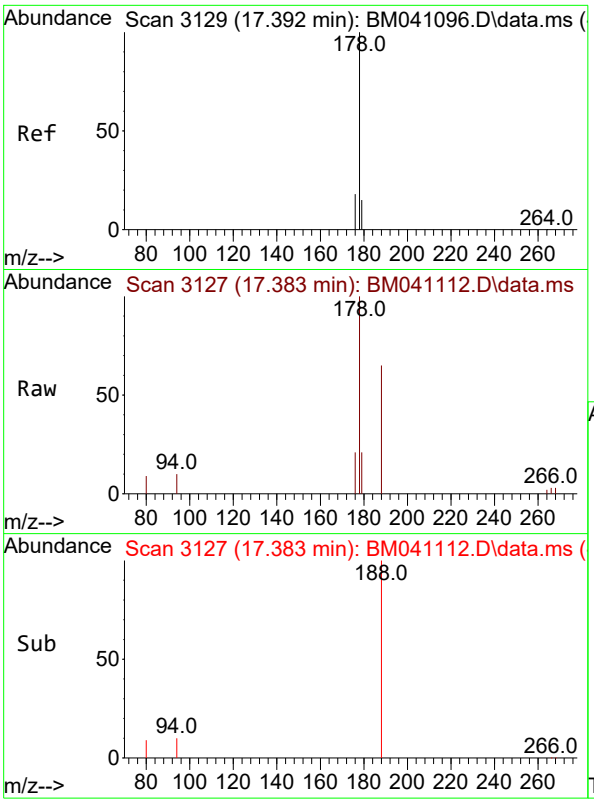


#15
Phenanthrene
Concen: 0.359 ng/ul
RT: 17.286 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:178 Resp: 16388

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.2
176	19.9	16.0	24.0



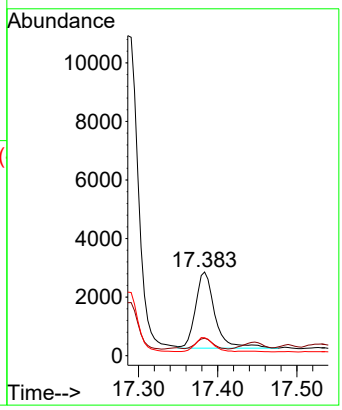


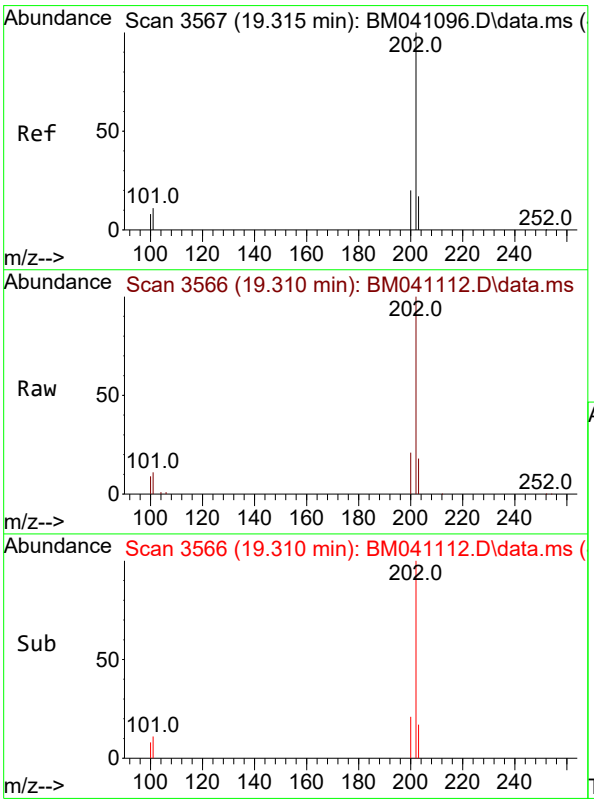
#16
Anthracene
Concen: 0.120 ng/ul
RT: 17.383 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion:178 Resp: 4429

Ion	Ratio	Lower	Upper
178	100		
179	20.8	13.6	20.4#
176	21.4	16.0	24.0

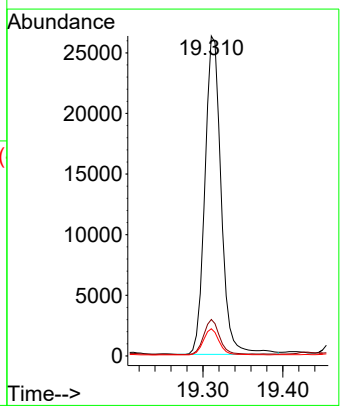


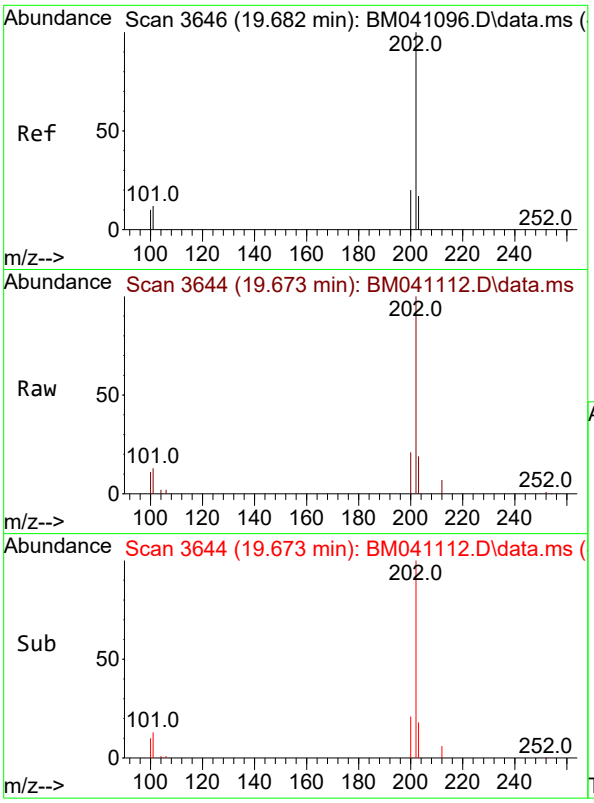


#19
Fluoranthene
Concen: 0.798 ng/ul
RT: 19.310 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:202 Resp: 37243

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.4	14.0
100	8.5	7.1	10.7



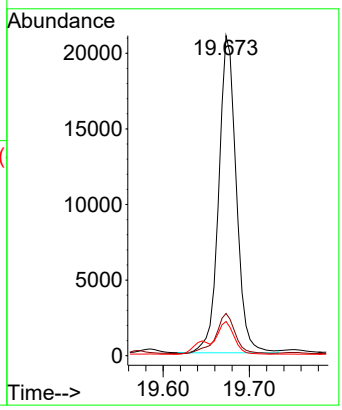


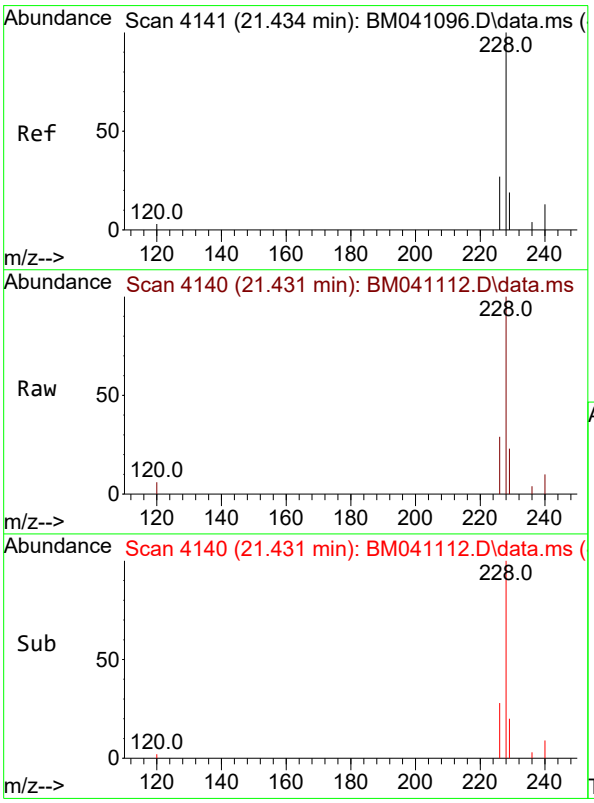
#20
Pyrene
Concen: 0.577 ng/ul
RT: 19.673 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion:202 Resp: 29665

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.7	16.1
100	10.7	8.5	12.7

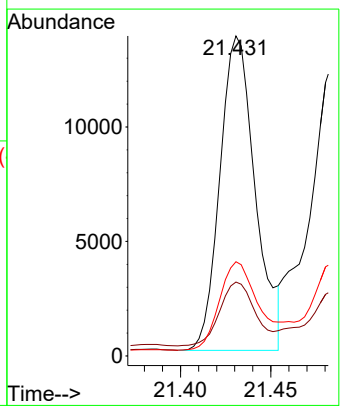


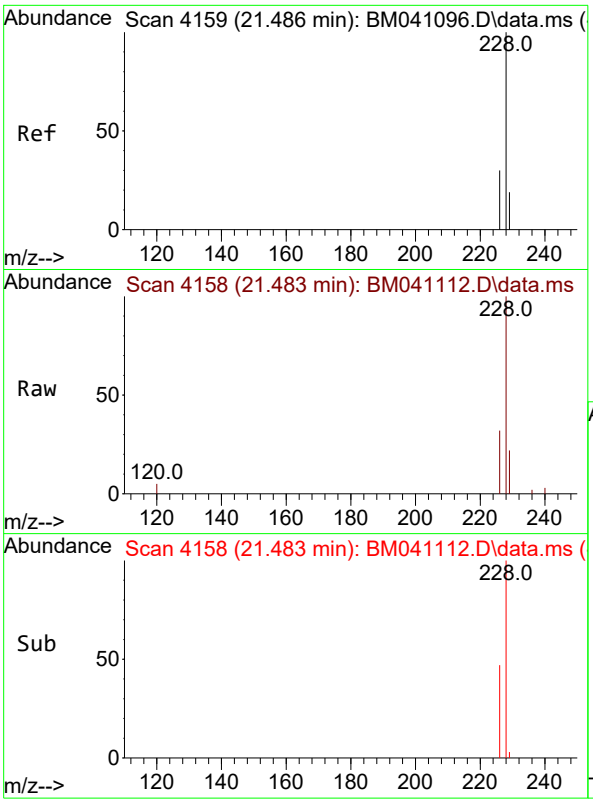


#21
Benzo(a)anthracene
Concen: 0.430 ng/ul
RT: 21.431 min Scan# 4140
Delta R.T. -0.003 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:228 Resp: 18723

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.5	24.7
226	29.5	22.2	33.2



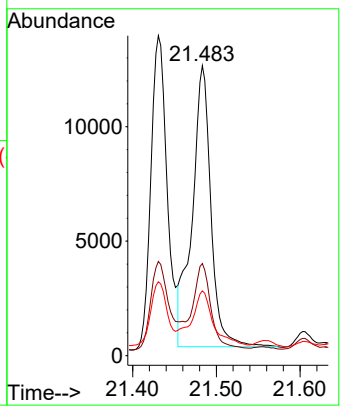


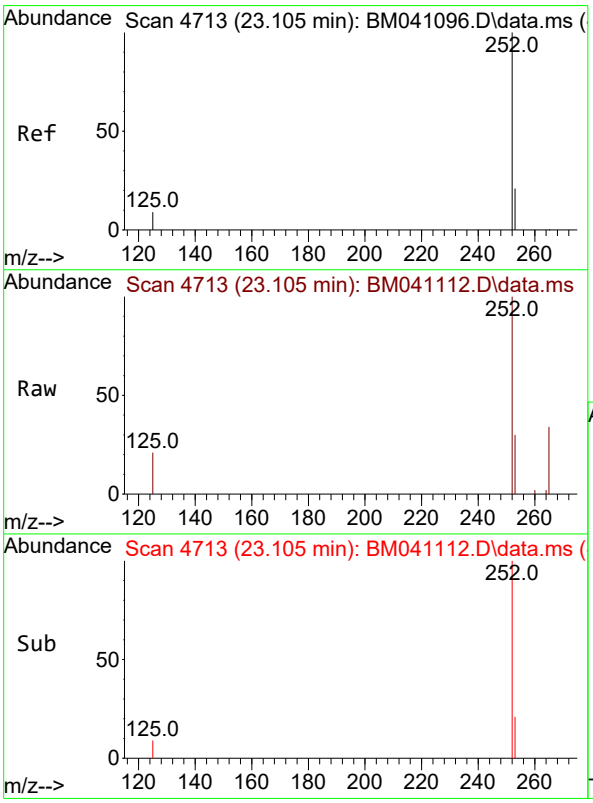
#22
Chrysene
Concen: 0.382 ng/ul
RT: 21.483 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion:228 Resp: 19184

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.2	36.4
229	22.3	15.9	23.9

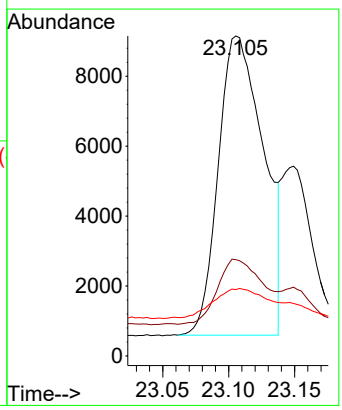


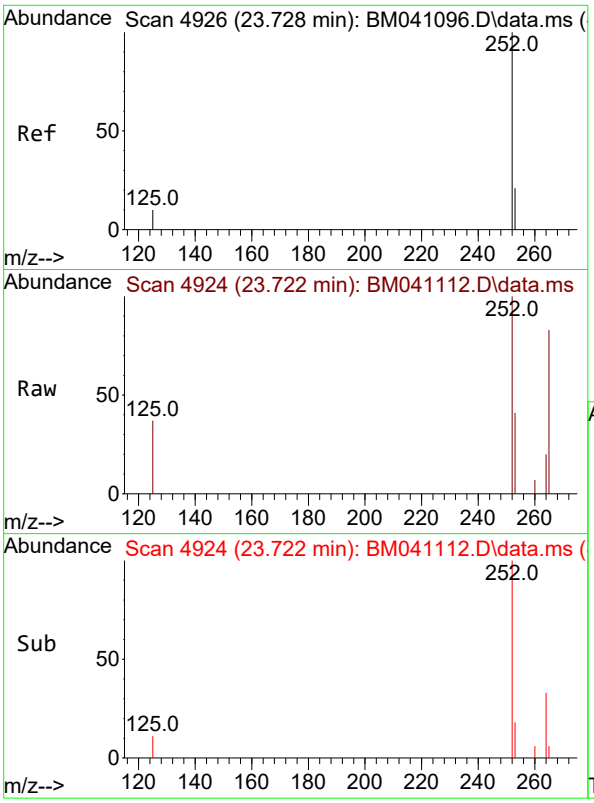


#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.000 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:252 Resp: 20461

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	57.6
125	20.7	0.0	33.6



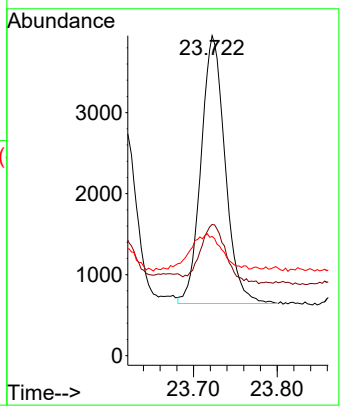


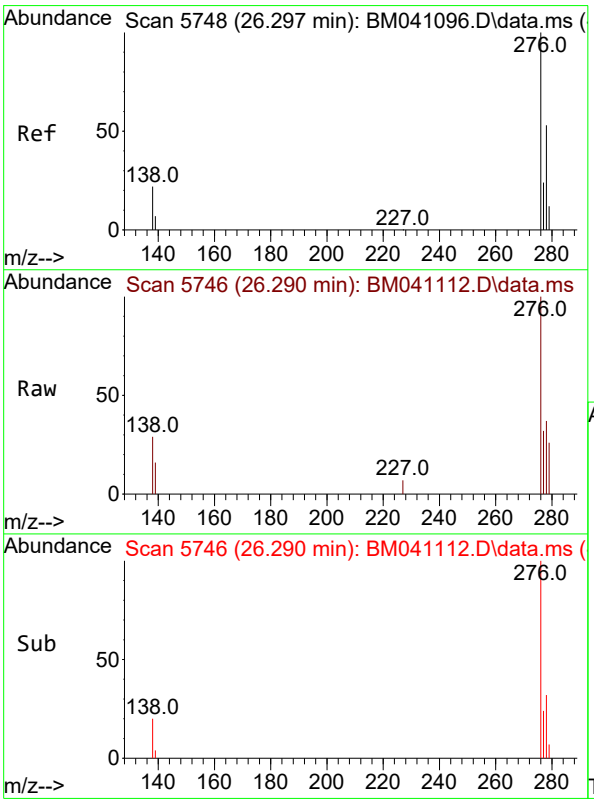
#26
Benzo(a)pyrene
Concen: 0.152 ng/ul
RT: 23.722 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion:252 Resp: 6612

Ion	Ratio	Lower	Upper
252	100		
253	41.0	26.7	40.1#
125	37.3	18.1	27.1#

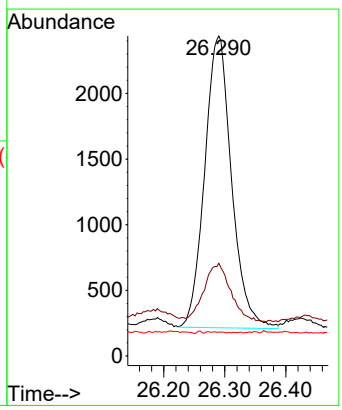


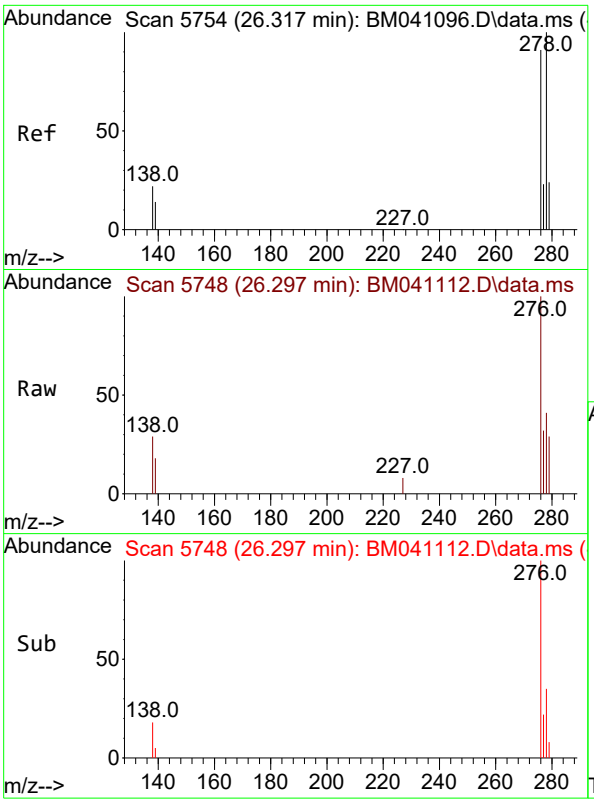


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.007 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Tgt Ion:276 Resp: 6808

Ion	Ratio	Lower	Upper
276	100		
138	20.2	18.1	27.1
227	0.2	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.297 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM041112.D
Acq: 25 Jul 2023 18:57

Instrument :
BNA_P
ClientSampleId :
A4722DL

Tgt Ion:278 Resp: 2693

Ion	Ratio	Lower	Upper
278	100		
139	43.2	14.1	21.1#
279	70.0	25.0	37.4#