Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041122.D
Acq On : 26 Jul 2023 01:08
Operator : MA/JU
Sample : 03540-06DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4738DL

Quant Time: Jul 26 04:42:44 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	7.823	152	4046	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.631	136	13796	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.486	164	7308	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.244	188	15380	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	13145	0.400	ng/ul	0.00
23) Perylene-d12	23.819	264	13072	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	3227	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	1248	0.063	ng/ul	0.00
18) Fluoranthene-d10	19.278	212	2535	0.071	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	239	0.037	ng/ul#	1
5) Naphthalene	10.680	128	1010	0.022	ng/ul#	71
10) Acenaphthylene	14.208	152	1125	0.036	ng/ul#	72
11) Acenaphthene	14.550	153	1401	0.054	ng/ul	97
12) Fluorene	15.540	166	2274	0.080	ng/ul#	95
15) Phenanthrene	17.286	178	31437	0.663	ng/ul	99
16) Anthracene	17.379	178	7019	0.183	ng/ul#	95
19) Fluoranthene	19.310	202	56166	1.192	ng/ul	96
20) Pyrene	19.673	202	30996	0.597	ng/ul	98
21) Benzo(a)anthracene	21.425	228	24414	0.556	ng/ul	97
22) Chrysene	21.477	228	21225	0.418	ng/ul	96
24) Benzo(b)fluoranthene	23.096	252	26250	0.504	ng/ul	98
26) Benzo(a)pyrene	23.713	252	6134	0.145	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.280	276	6616	0.106	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.293	278	3028	0.062	ng/ul#	53

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
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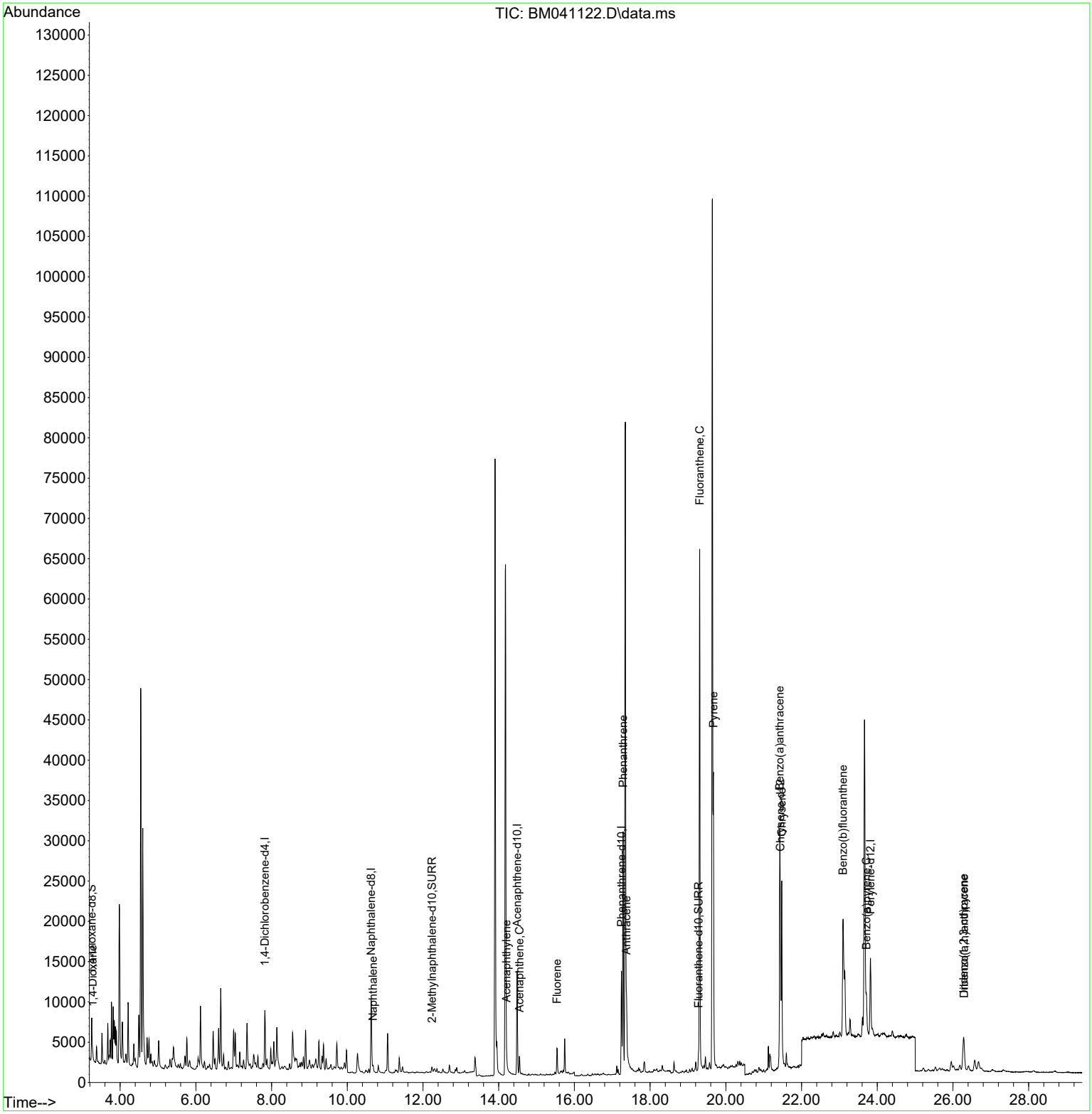
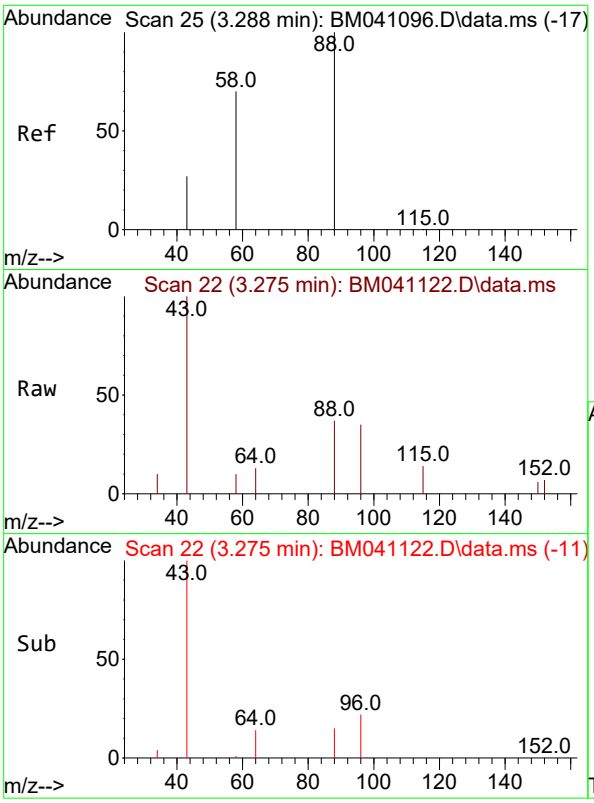
Operator : MA/JU
Sample : 03540-06DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4738DL

Quant Time: Jul 26 04:42:44 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



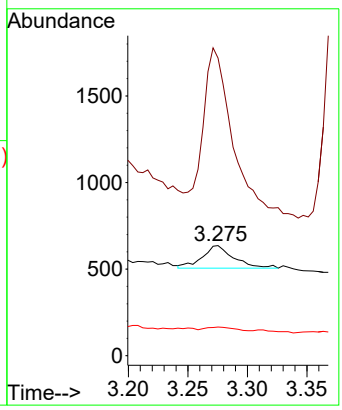


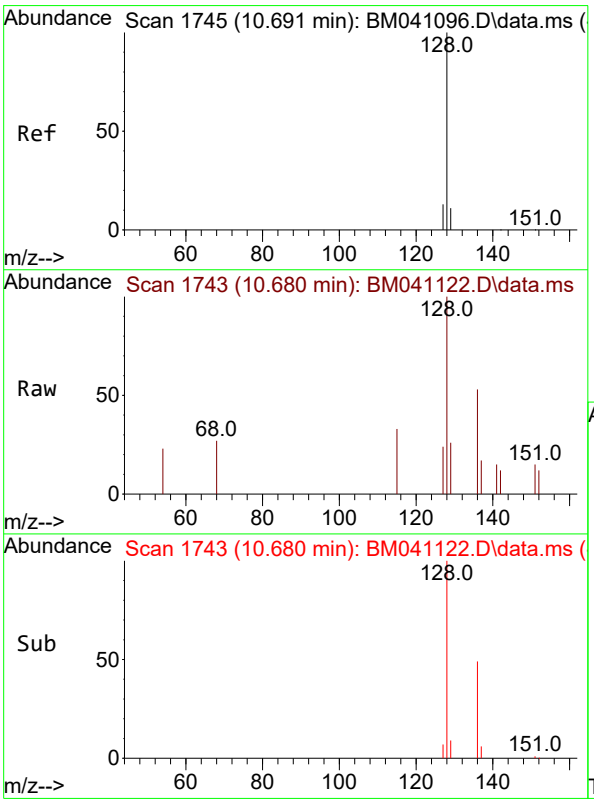
#2
1,4-Dioxane
Concen: 0.037 ng/ul
RT: 3.275 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion: 88 Resp: 239

Ion	Ratio	Lower	Upper
88	100		
43	270.3	83.1	124.7#
58	26.1	38.8	58.2#

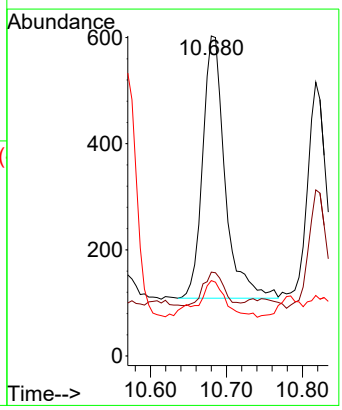


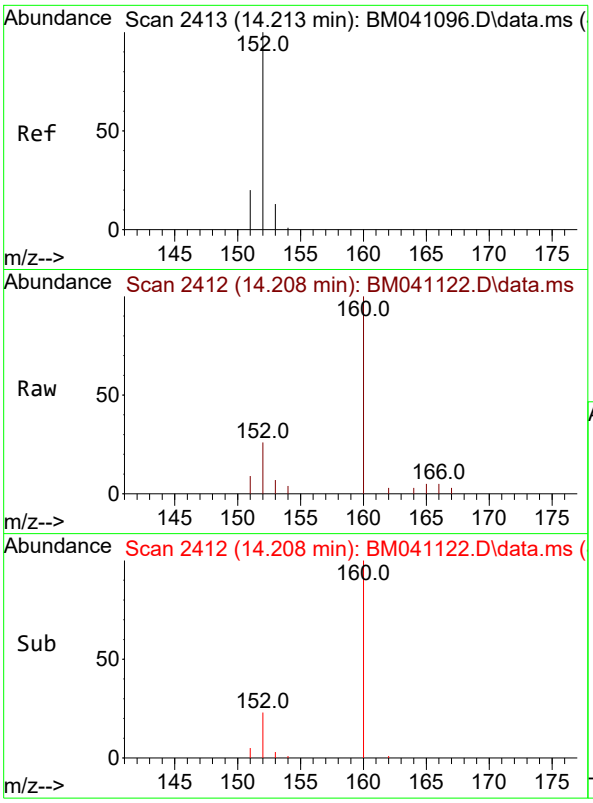


#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.680 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Tgt Ion:128 Resp: 1010

Ion	Ratio	Lower	Upper
128	100		
129	26.2	9.8	14.8#
127	23.5	11.1	16.7#



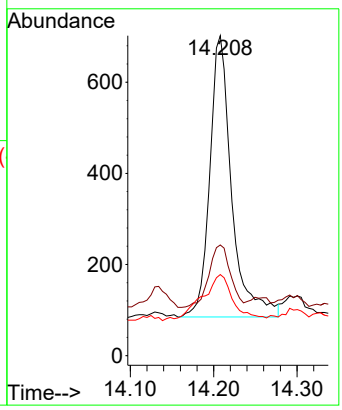


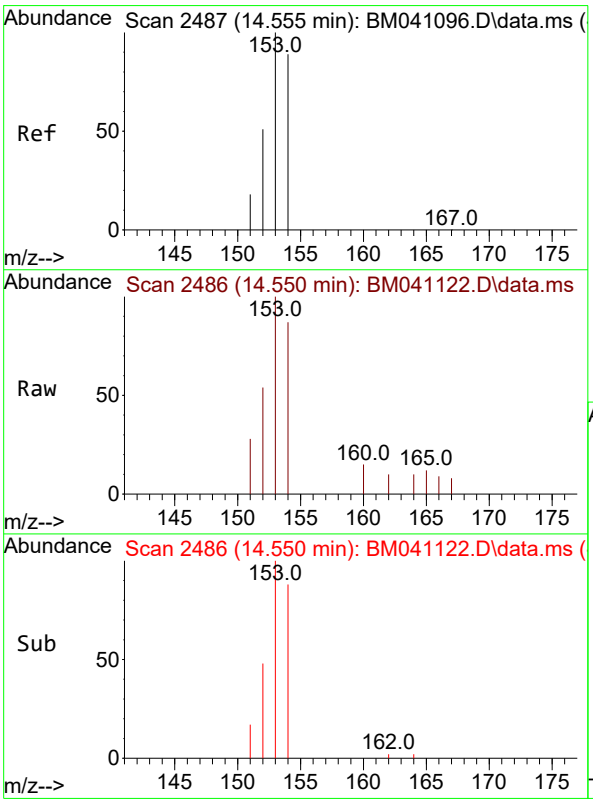
#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.208 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion:152 Resp: 1125

Ion	Ratio	Lower	Upper
152	100		
151	34.6	16.8	25.2#
153	25.4	11.4	17.2#

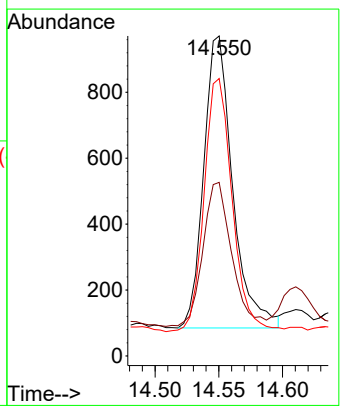


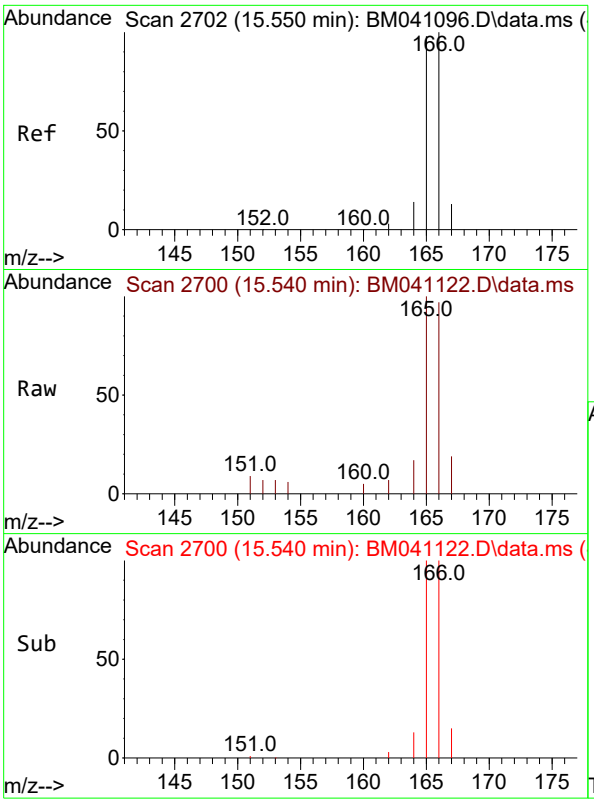


#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Tgt Ion:153 Resp: 1401

Ion	Ratio	Lower	Upper
153	100		
152	54.3	40.2	60.4
154	86.7	70.3	105.5



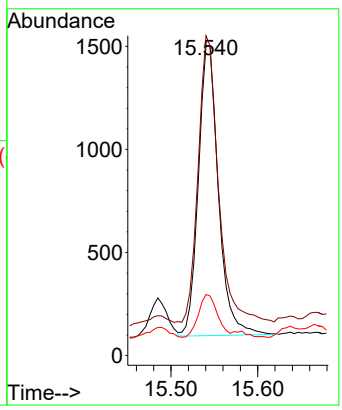


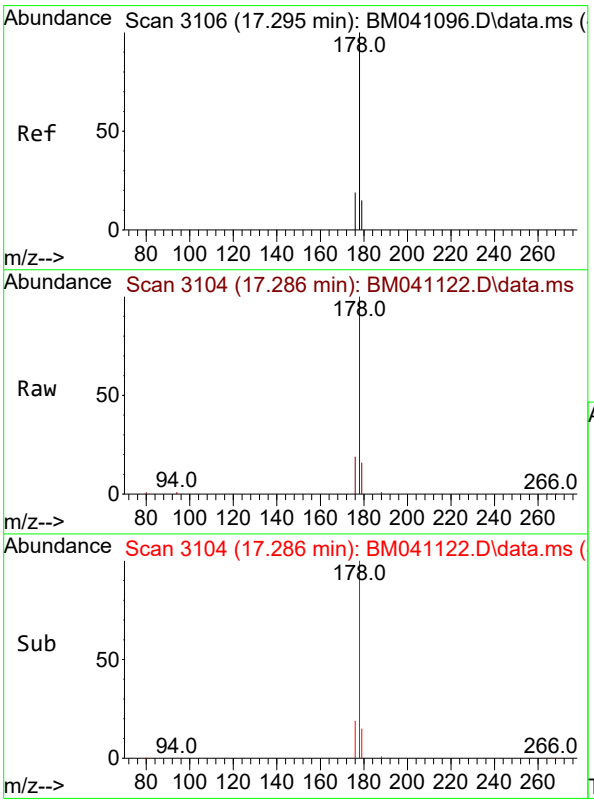
#12
Fluorene
Concen: 0.080 ng/ul
RT: 15.540 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion:166 Resp: 2274

Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.4	119.0
167	19.7	11.4	17.2#

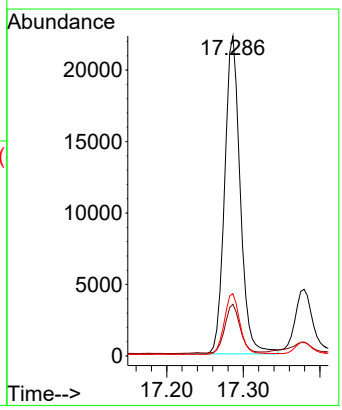


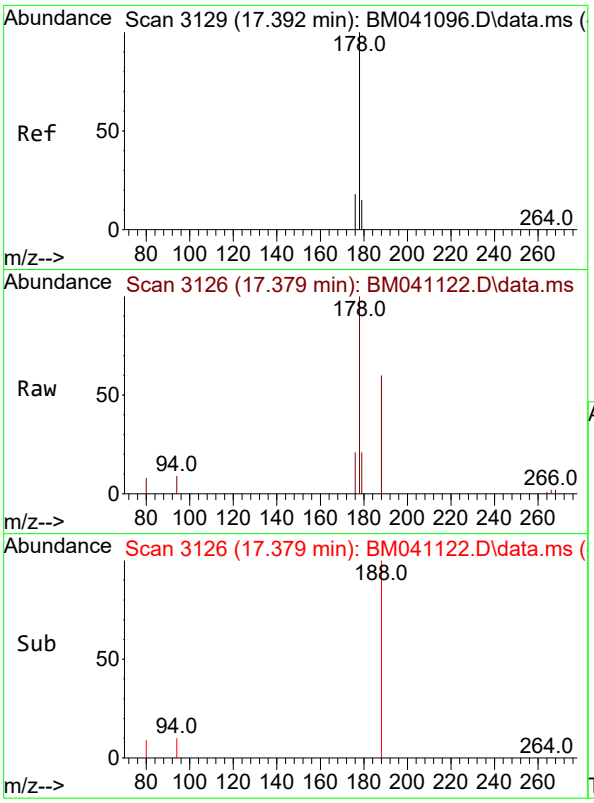


#15
Phenanthrene
Concen: 0.663 ng/ul
RT: 17.286 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Tgt Ion:178 Resp: 31437

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.4	20.2
176	19.4	16.0	24.0



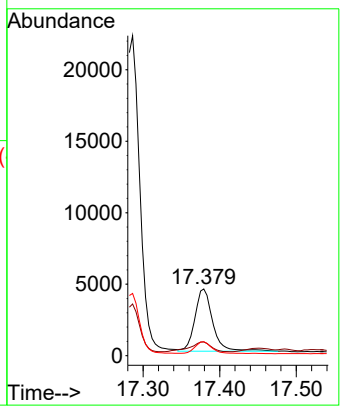


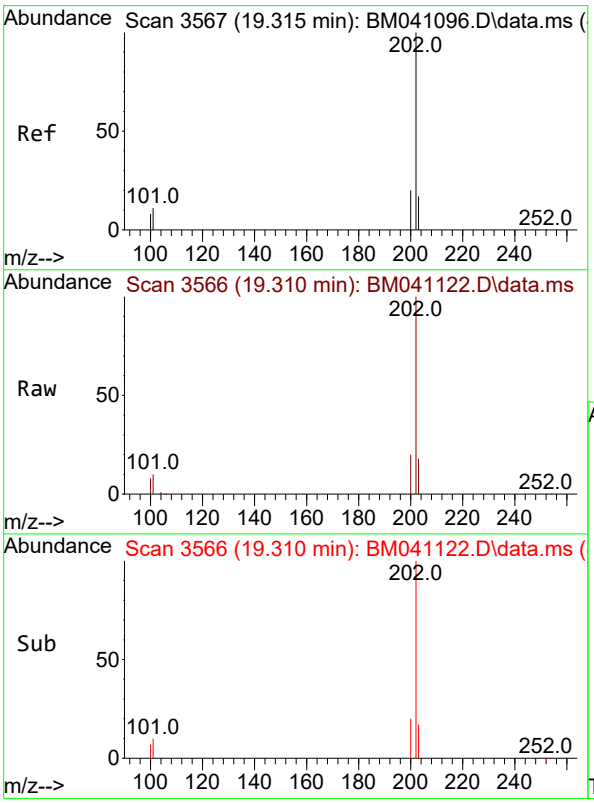
#16
Anthracene
Concen: 0.183 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion:178 Resp: 7019

Ion	Ratio	Lower	Upper
178	100		
179	20.7	13.6	20.4#
176	20.8	16.0	24.0

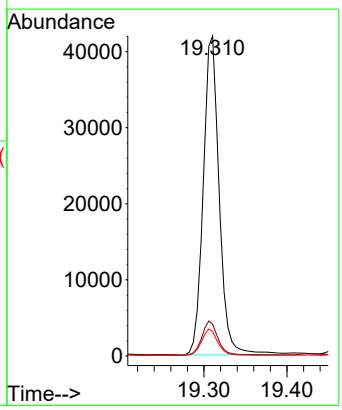


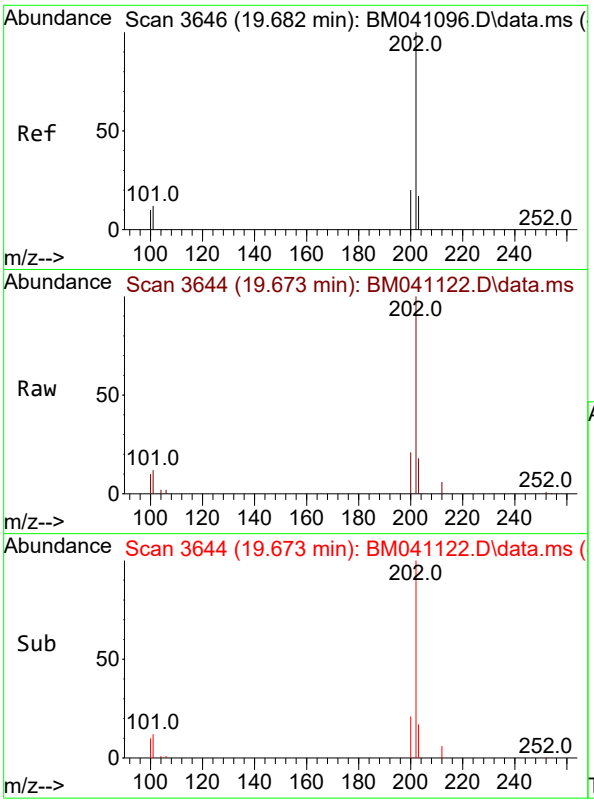


#19
Fluoranthene
Concen: 1.192 ng/ul
RT: 19.310 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Tgt Ion:202 Resp: 56166

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.4	14.0
100	7.7	7.1	10.7



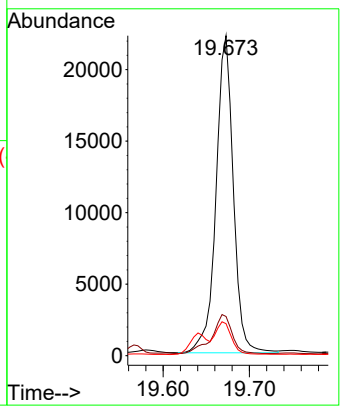


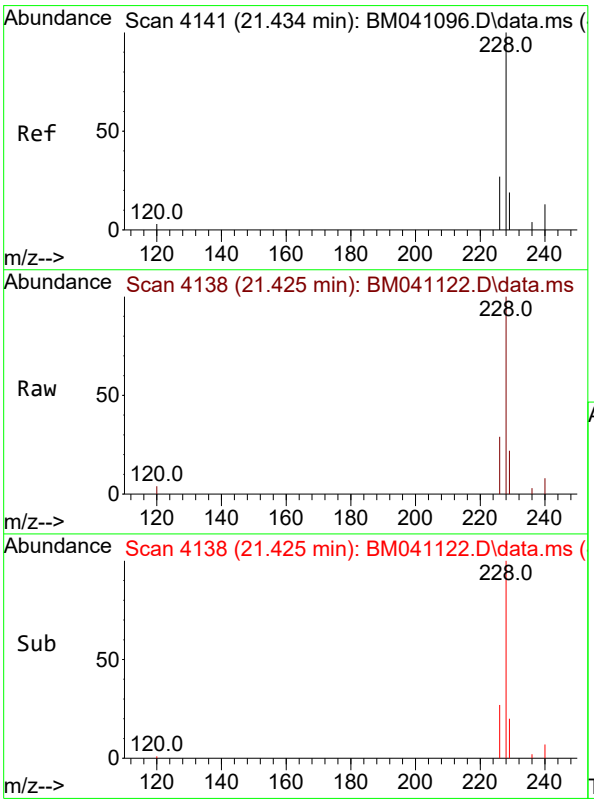
#20
Pyrene
Concen: 0.597 ng/ul
RT: 19.673 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion:202 Resp: 30996

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.7	16.1
100	10.0	8.5	12.7

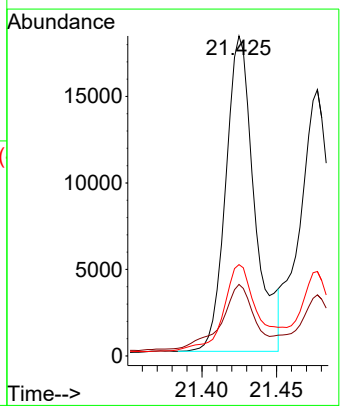


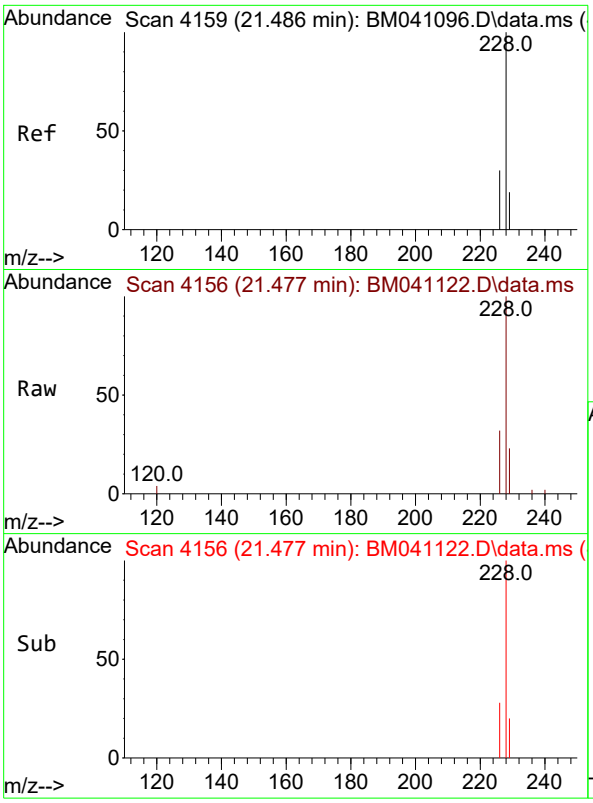


#21
Benzo(a)anthracene
Concen: 0.556 ng/ul
RT: 21.425 min Scan# 4138
Delta R.T. -0.009 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Tgt Ion:228 Resp: 24414

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.5	24.7
226	28.6	22.2	33.2



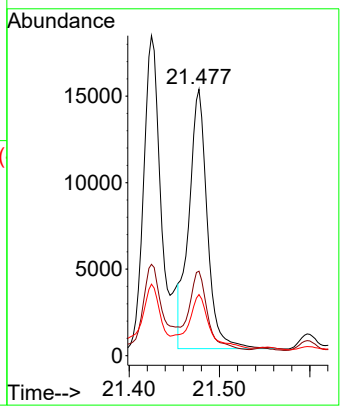


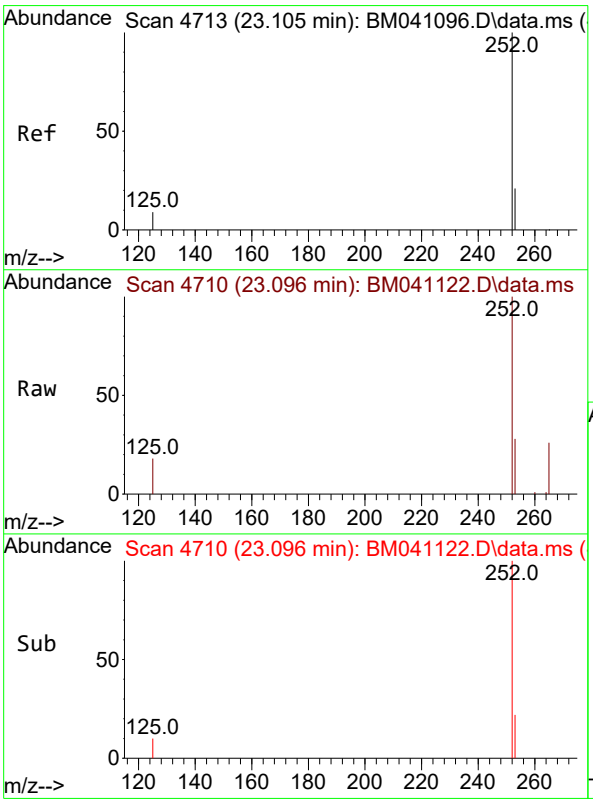
#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.477 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion:228 Resp: 21225

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.4
229	22.9	15.9	23.9

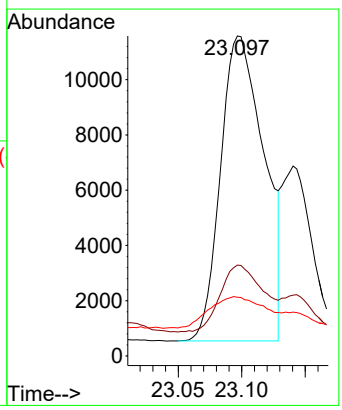


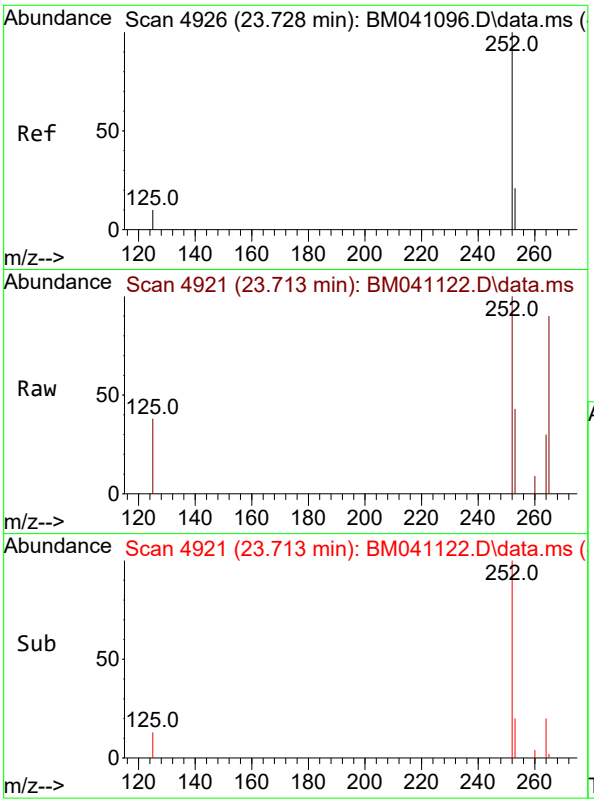


#24
Benzo(b)fluoranthene
Concen: 0.504 ng/ul
RT: 23.096 min Scan# 4710
Delta R.T. -0.009 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Tgt Ion:252 Resp: 26250

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	57.6
125	18.4	0.0	33.6



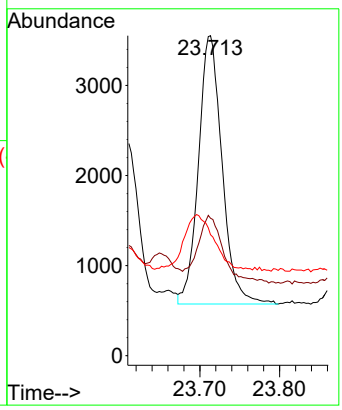


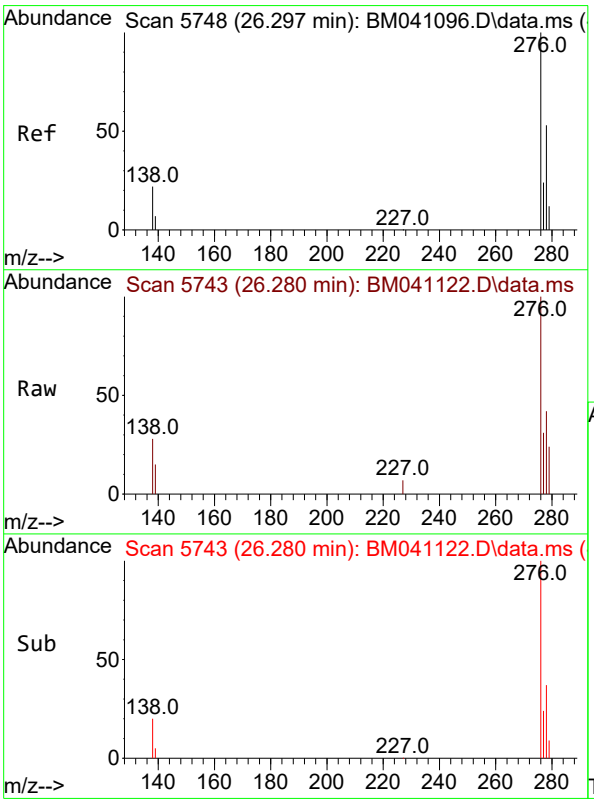
#26
Benzo(a)pyrene
Concen: 0.145 ng/ul
RT: 23.713 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion:252 Resp: 6134

Ion	Ratio	Lower	Upper
252	100		
253	42.9	26.7	40.1#
125	37.8	18.1	27.1#

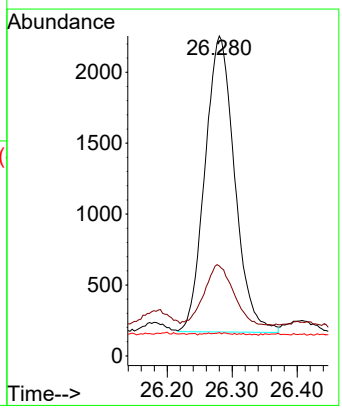


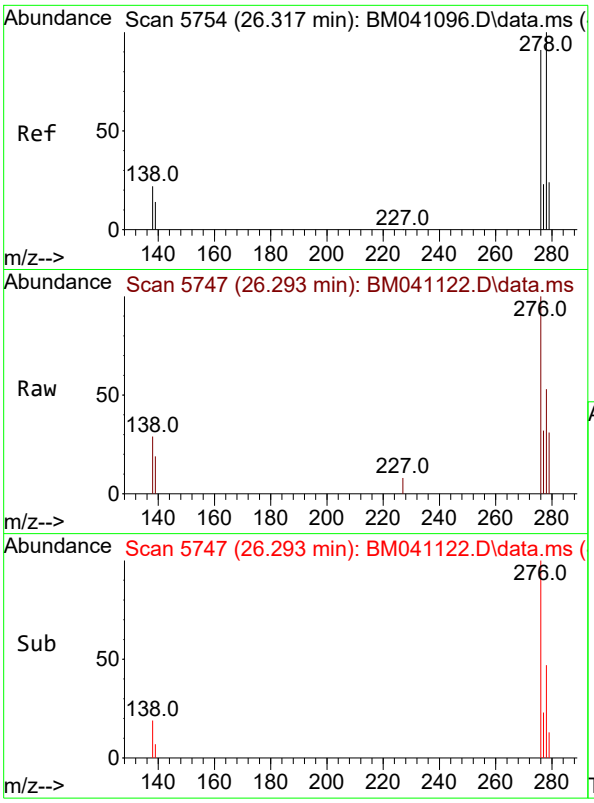


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.106 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.017 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Tgt Ion:276 Resp: 6616

Ion	Ratio	Lower	Upper
276	100		
138	21.1	18.1	27.1
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul
RT: 26.293 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM041122.D
Acq: 26 Jul 2023 01:08

Instrument :
BNA_P
ClientSampleId :
A4738DL

Tgt Ion:278 Resp: 3028

Ion	Ratio	Lower	Upper
278	100		
139	36.3	14.1	21.1#
279	58.7	25.0	37.4#