Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041119.D
Acq On : 25 Jul 2023 23:17
Operator : MA/JU
Sample : 03540-02DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4730DL

Quant Time: Jul 26 04:42:15 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	3687	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	12808	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.490	164	6924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.244	188	13645	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	11554	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	11309	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	1832	0.322	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	956	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	1898	0.060	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	246	0.042	ng/ul#	1
5) Naphthalene	10.686	128	1453	0.035	ng/ul#	82
7) 2-Methylnaphthalene	12.313	142	409	0.020	ng/ul	92
11) Acenaphthene	14.550	153	2061	0.084	ng/ul	98
12) Fluorene	15.545	166	1656	0.061	ng/ul#	97
15) Phenanthrene	17.286	178	24692	0.587	ng/ul	99
16) Anthracene	17.379	178	3325	0.098	ng/ul#	89
19) Fluoranthene	19.310	202	35878	0.866	ng/ul	98
20) Pyrene	19.673	202	25227	0.553	ng/ul	99
21) Benzo(a)anthracene	21.428	228	15396	0.399	ng/ul	99
22) Chrysene	21.480	228	13822	0.310	ng/ul	98
24) Benzo(b)fluoranthene	23.099	252	18218	0.404	ng/ul	97
26) Benzo(a)pyrene	23.716	252	6443	0.177	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.287	276	6358	0.118	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.297	278	2057	0.049	ng/ul#	45

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
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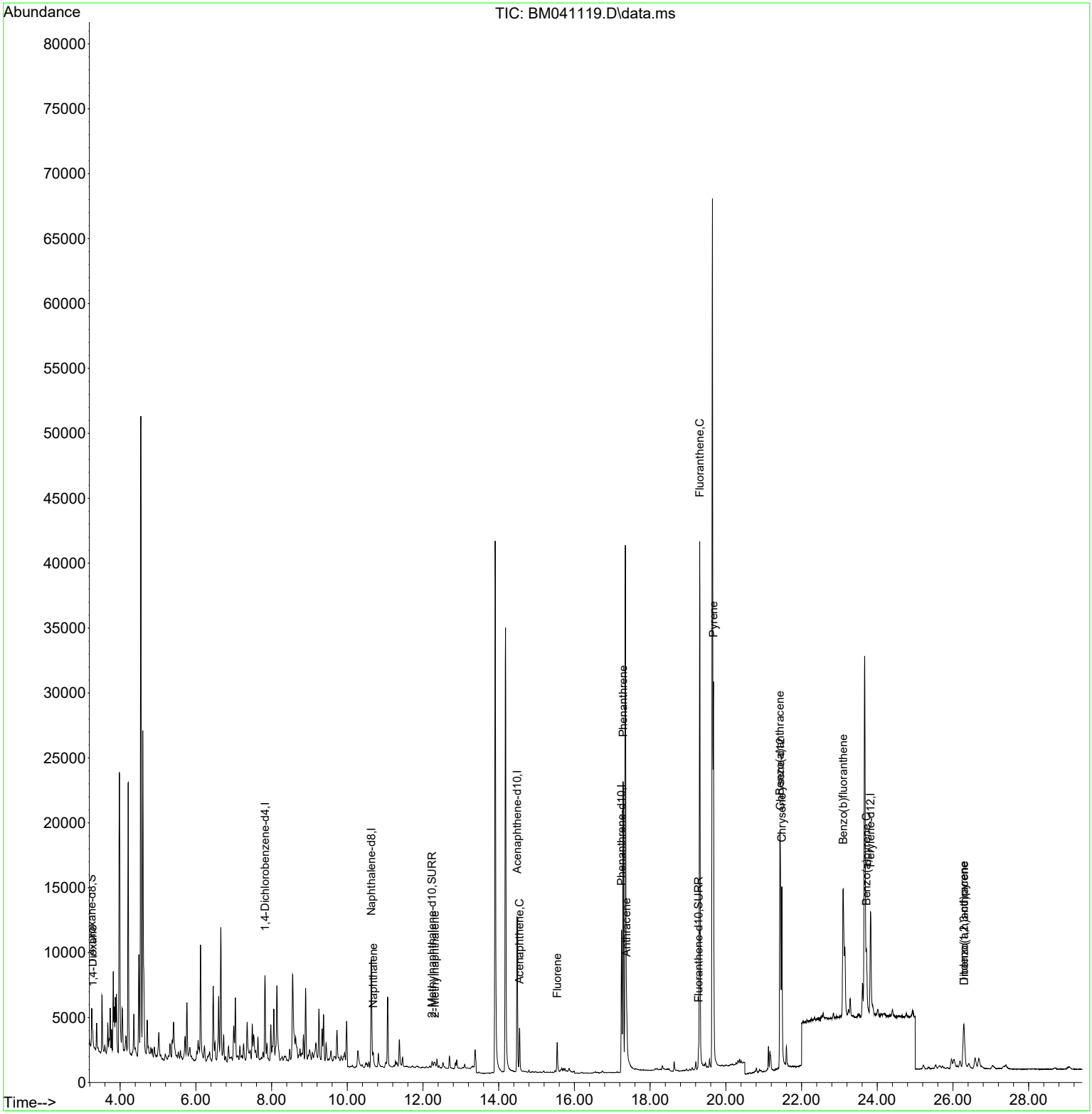
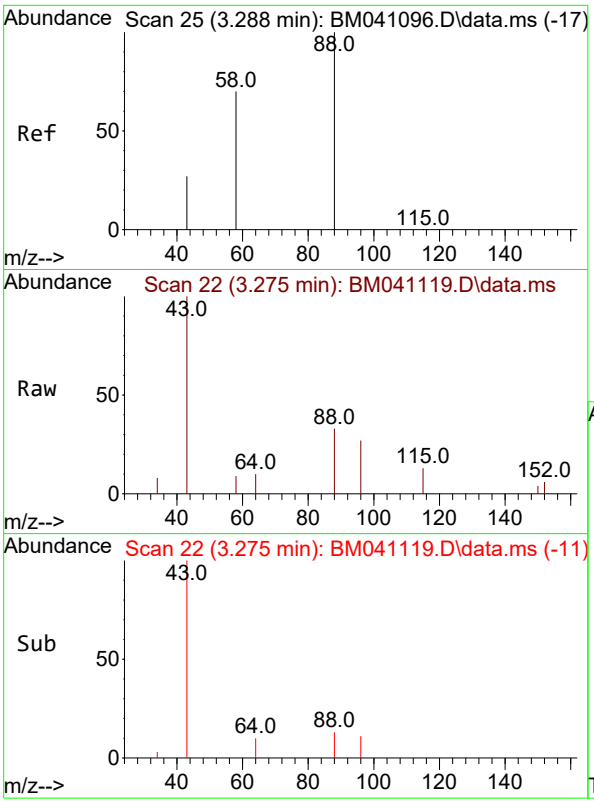
Sample : 03540-02DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4730DL

Quant Time: Jul 26 04:42:15 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



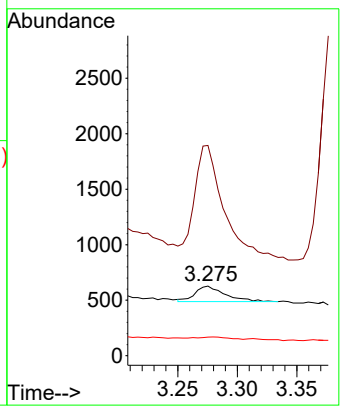


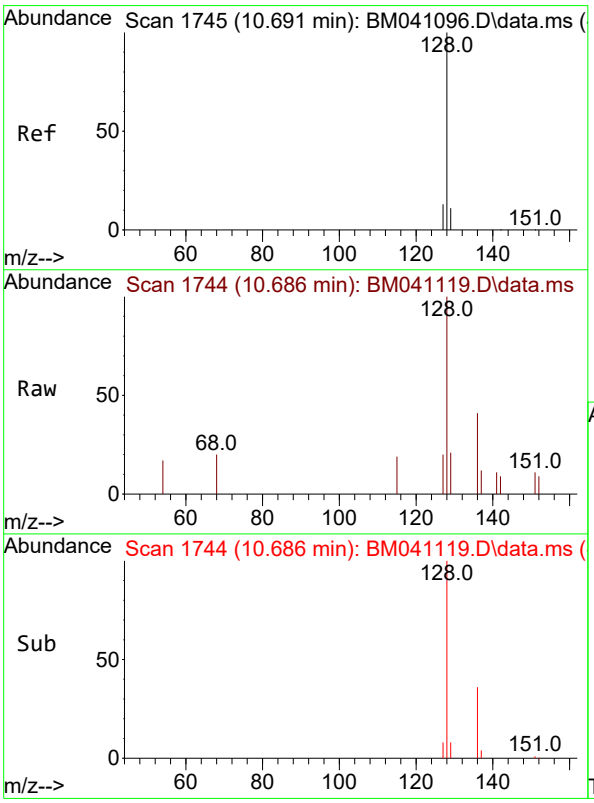
#2
1,4-Dioxane
Concen: 0.042 ng/ul
RT: 3.275 min Scan# 2
Delta R.T. -0.013 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion: 88 Resp: 246

Ion	Ratio	Lower	Upper
88	100		
43	302.1	83.1	124.7#
58	26.6	38.8	58.2#

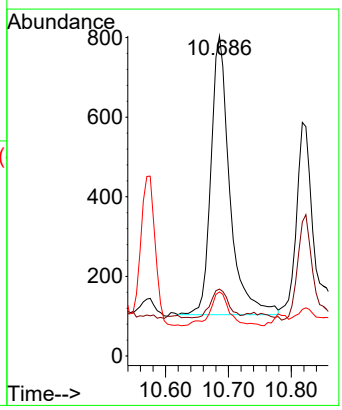


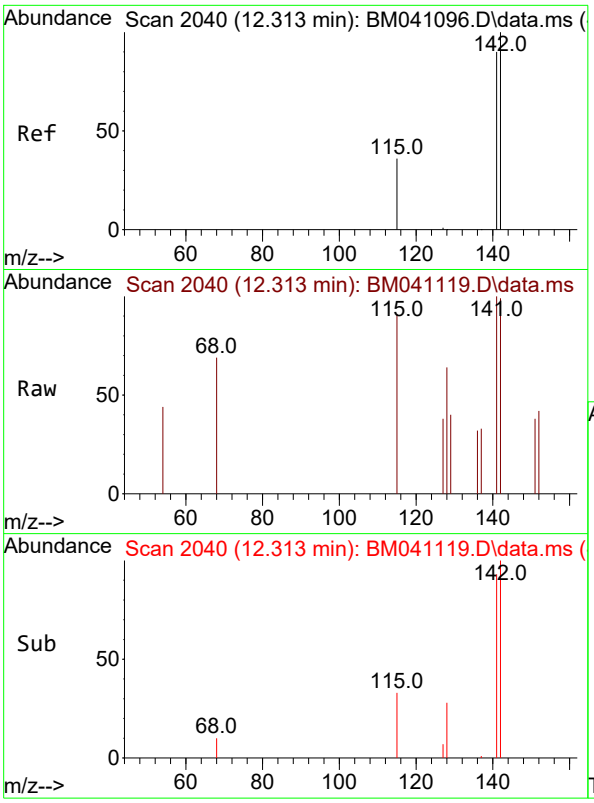


#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Tgt Ion:128 Resp: 1453

Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.8	14.8#
127	20.0	11.1	16.7#



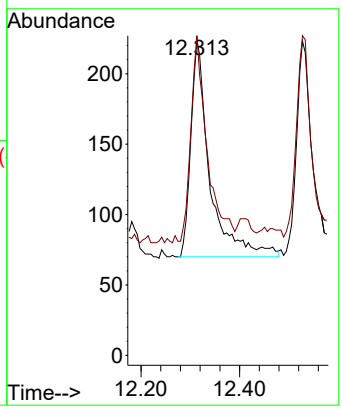


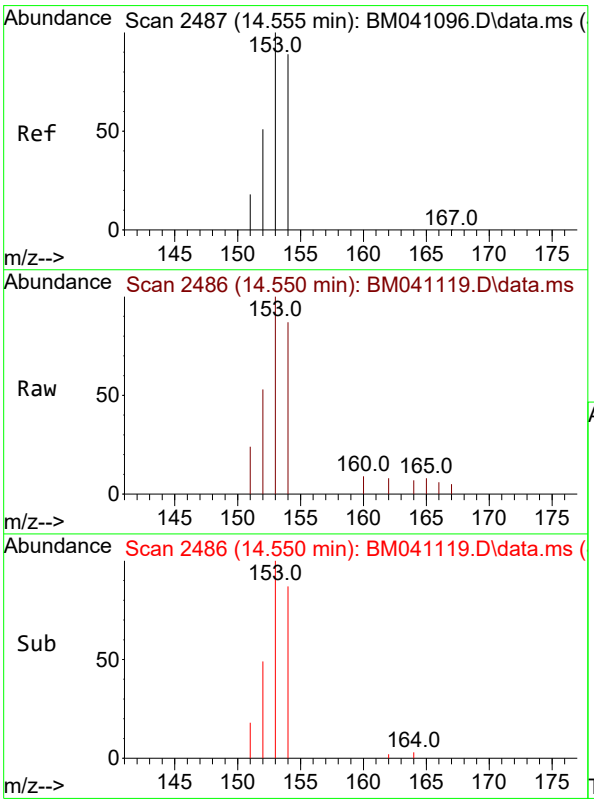
#7
2-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.313 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion:142 Resp: 409

Ion	Ratio	Lower	Upper
142	100		
141	83.6	73.3	109.9

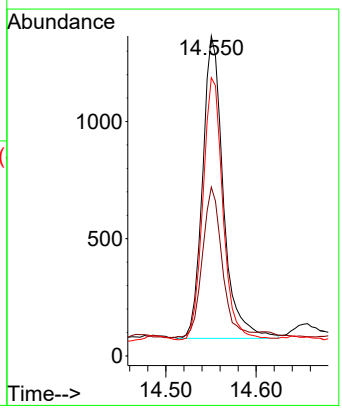


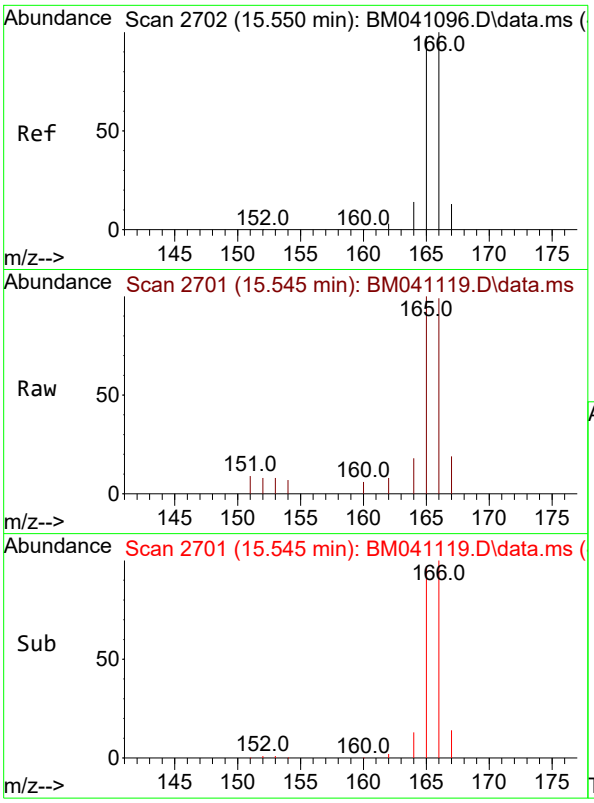


#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.550 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Tgt Ion:153 Resp: 2061

Ion	Ratio	Lower	Upper
153	100		
152	52.7	40.2	60.4
154	87.0	70.3	105.5



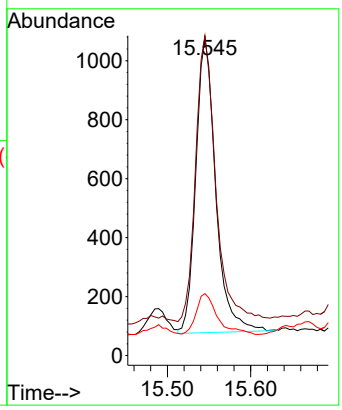


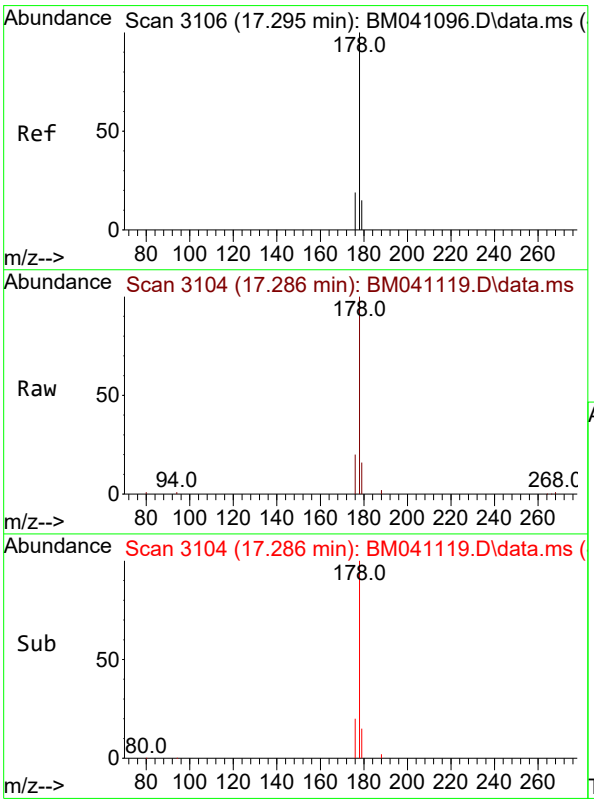
#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.545 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion:166 Resp: 1656

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.4	119.0
167	19.5	11.4	17.2#

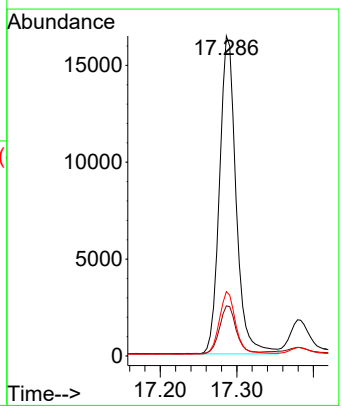


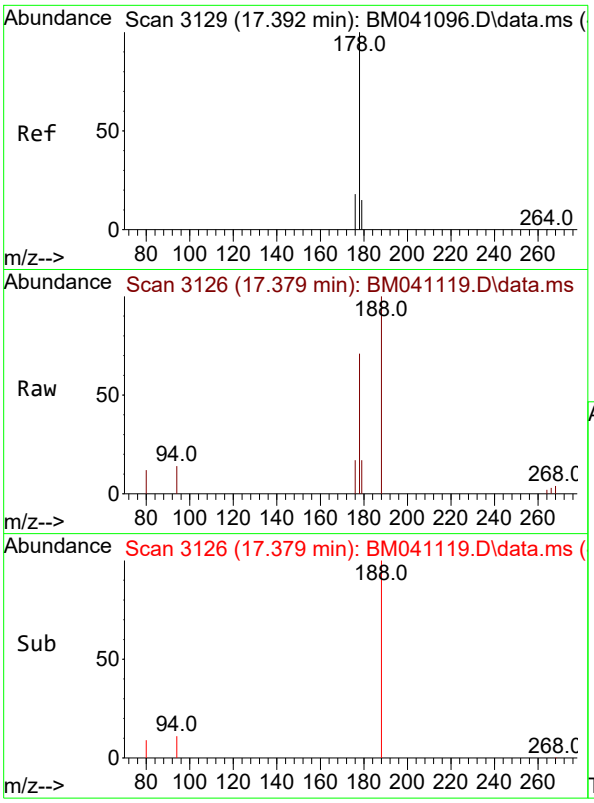


#15
Phenanthrene
Concen: 0.587 ng/ul
RT: 17.286 min Scan# 3104
Delta R.T. -0.009 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Tgt Ion:178 Resp: 24692

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	20.1	16.0	24.0



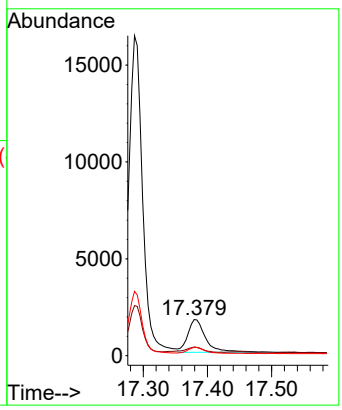


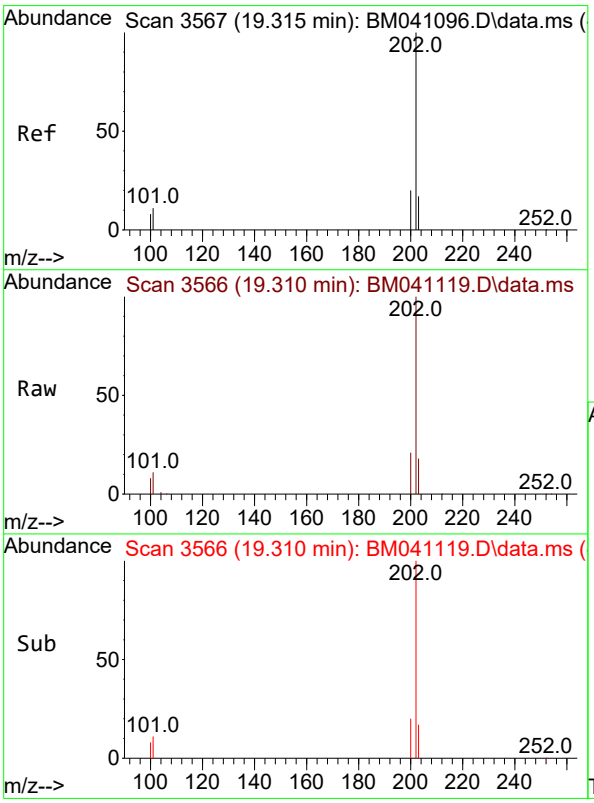
#16
Anthracene
Concen: 0.098 ng/ul
RT: 17.379 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion:178 Resp: 3325

Ion	Ratio	Lower	Upper
178	100		
179	23.8	13.6	20.4#
176	23.4	16.0	24.0

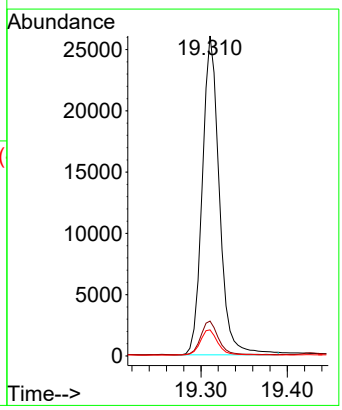


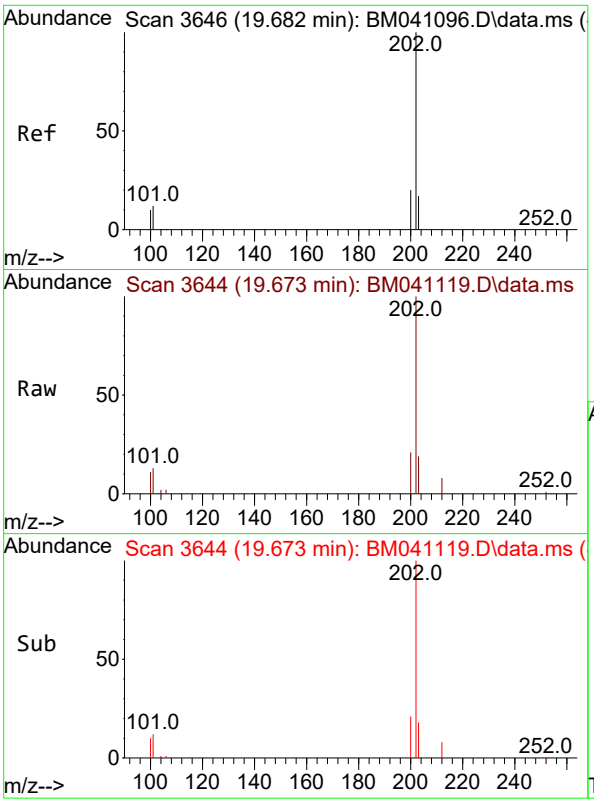


#19
Fluoranthene
Concen: 0.866 ng/ul
RT: 19.310 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Tgt Ion:202 Resp: 35878

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.4	14.0
100	8.2	7.1	10.7



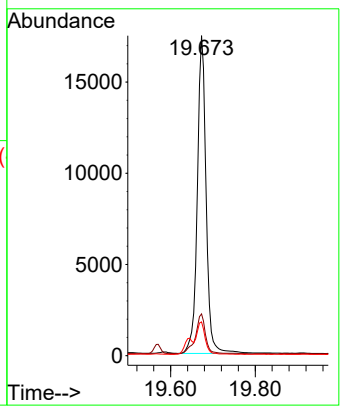


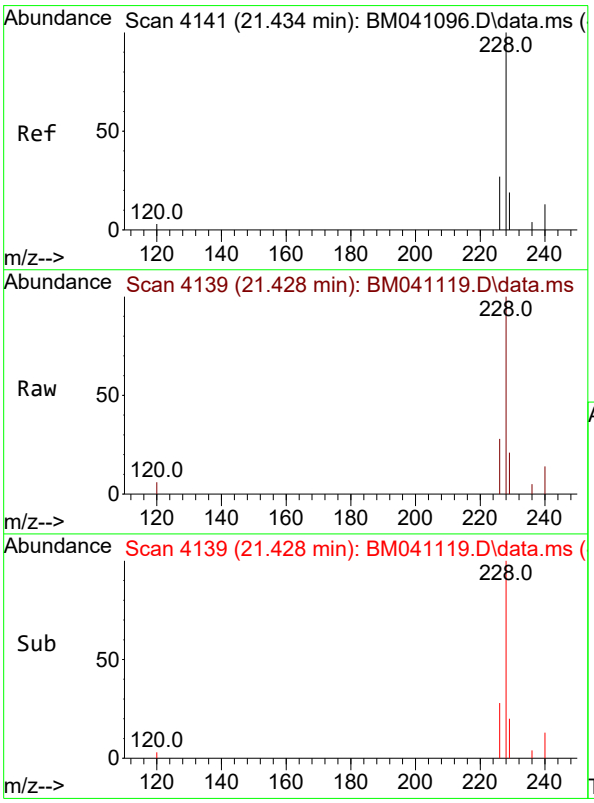
#20
Pyrene
Concen: 0.553 ng/ul
RT: 19.673 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion:202 Resp: 25227

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.7	16.1
100	10.6	8.5	12.7

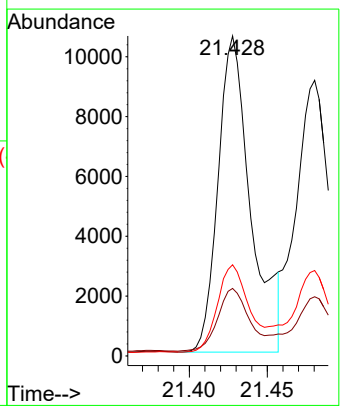


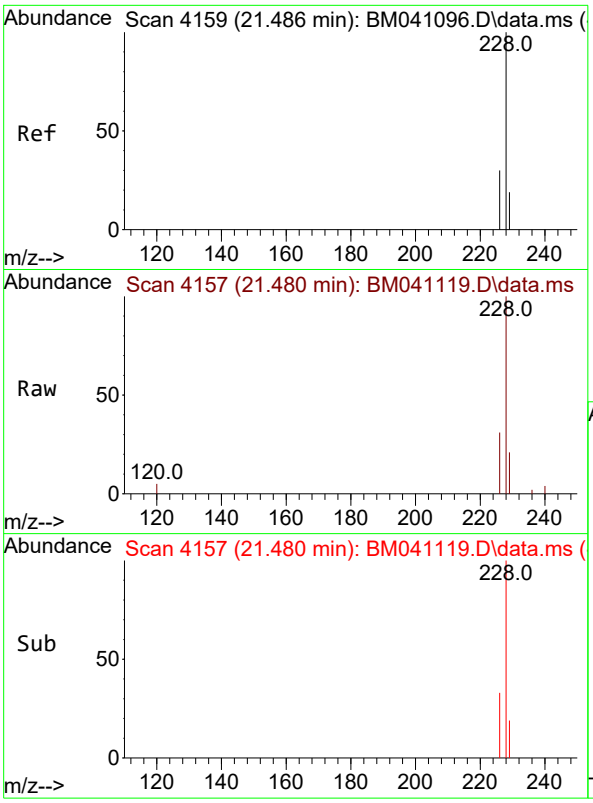


#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.428 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Tgt Ion:228 Resp: 15396

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.5	24.7
226	28.5	22.2	33.2



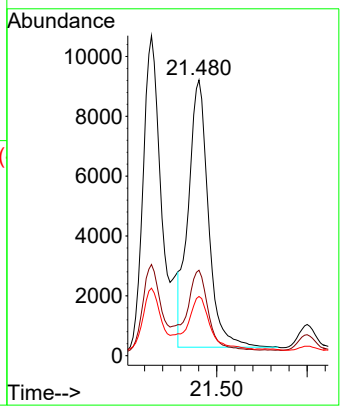


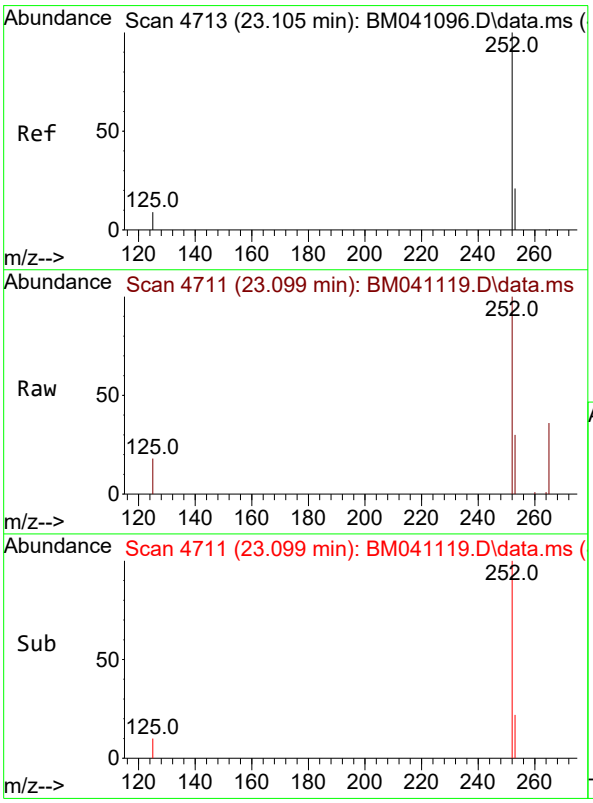
#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.480 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion:228 Resp: 13822

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	21.5	15.9	23.9

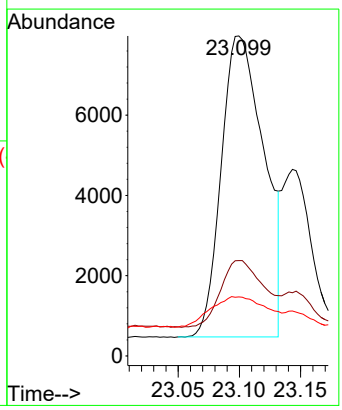


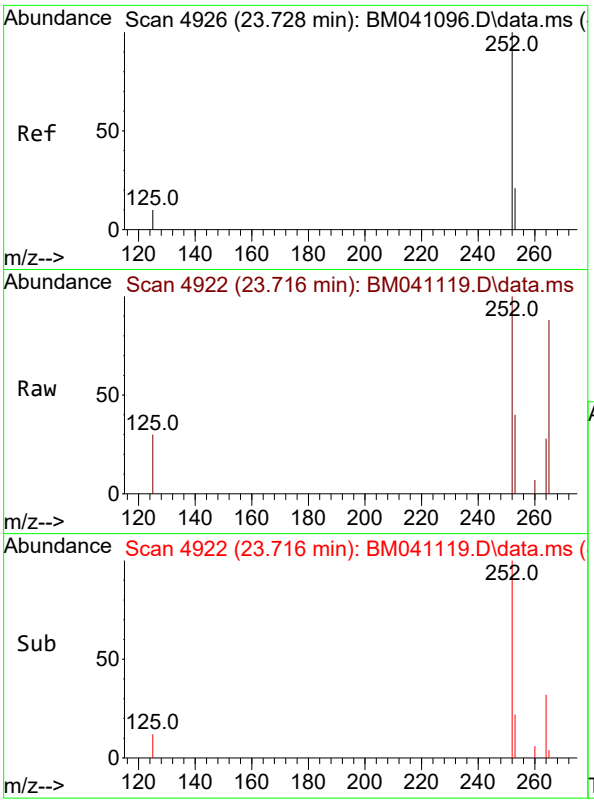


#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 23.099 min Scan# 4711
Delta R.T. -0.006 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Tgt Ion:252 Resp: 18218

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	57.6
125	18.5	0.0	33.6



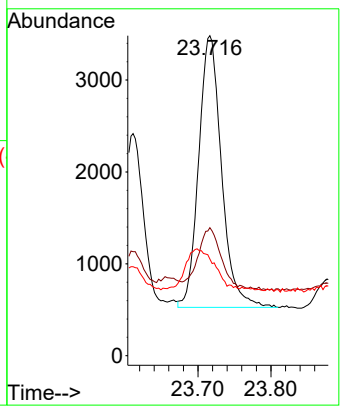


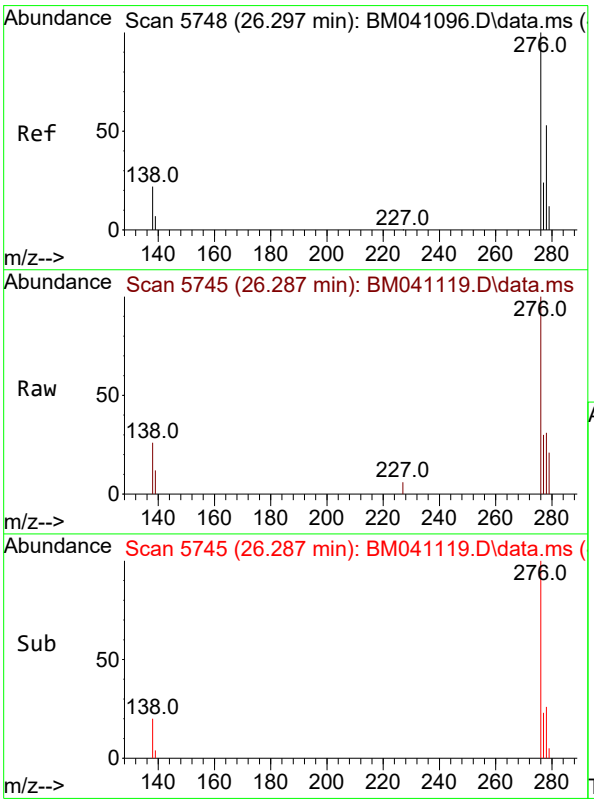
#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 23.716 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion:252 Resp: 6443

Ion	Ratio	Lower	Upper
252	100		
253	40.0	26.7	40.1
125	30.2	18.1	27.1#

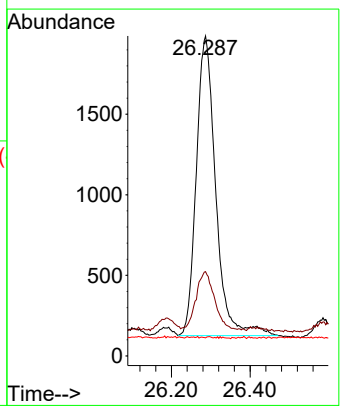


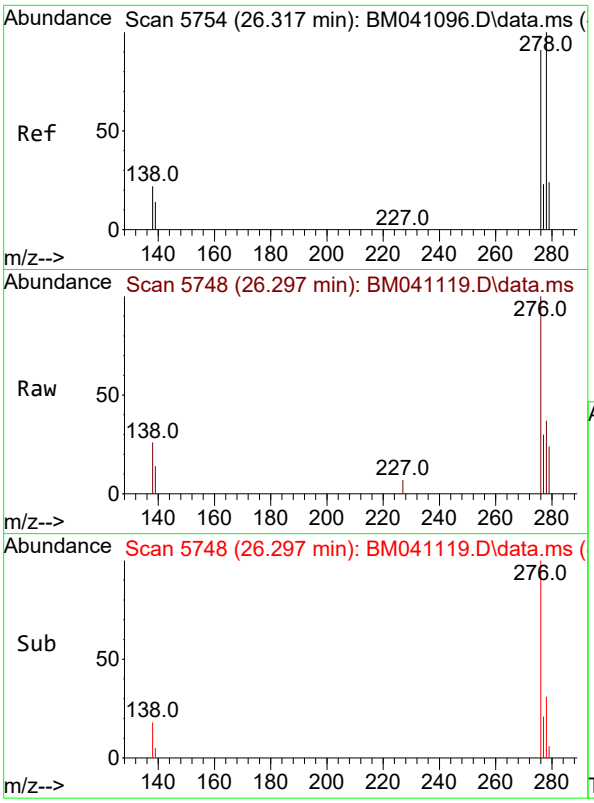


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.010 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Tgt Ion:276 Resp: 6358

Ion	Ratio	Lower	Upper
276	100		
138	19.0	18.1	27.1
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.297 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM041119.D
Acq: 25 Jul 2023 23:17

Instrument :
BNA_P
ClientSampleId :
A4730DL

Tgt Ion:278 Resp: 2057

Ion	Ratio	Lower	Upper
278	100		
139	36.6	14.1	21.1#
279	64.9	25.0	37.4#