Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040313.D
Acq On : 19 Jun 2023 14:15
Operator : MA/JU
Sample : 03080-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Quant Time: Jun 20 00:13:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	6112	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	23503	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.605	164	14324	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	29761	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.532	240	23067	0.400	ng/ul	# 0.00
23) Perylene-d12	23.961	264	31445	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	30114	3.990	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	8700	0.292	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	19584	0.340	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.828	128	63945	1.148	ng/ul	100
7) 2-Methylnaphthalene	12.439	142	29037	0.839	ng/ul	100
8) 1-Methylnaphthalene	12.653	142	23037	0.636	ng/ul	100
10) Acenaphthylene	14.327	152	145708	2.908	ng/ul	99
11) Acenaphthene	14.670	153	57623	1.341	ng/ul	99
12) Fluorene	15.655	166	51536	1.077	ng/ul	99
14) Pentachlorophenol	17.003	266	348	0.057	ng/ul	91
15) Phenanthrene	17.391	178	1584042	20.243	ng/ul	99
16) Anthracene	17.484	178	325827	4.915	ng/ul	99
19) Fluoranthene	19.407	202	4355176	55.427	ng/ul	98
20) Pyrene	19.770	202	3949182	48.374	ng/ul	98
21) Benzo(a)anthracene	21.515	228	2252600	33.085	ng/ul	98
22) Chrysene	21.570	228	2251010	31.297	ng/ul	97
24) Benzo(b)fluoranthene	23.222	252	3816736	32.926	ng/ul	90
26) Benzo(a)pyrene	23.856	252	2486306	26.138	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.487	276	2153542	17.886	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.494	278	535576	5.541	ng/ul	97
29) Benzo(g,h,i)perylene	27.266	276	2021308	20.099	ng/ul	96

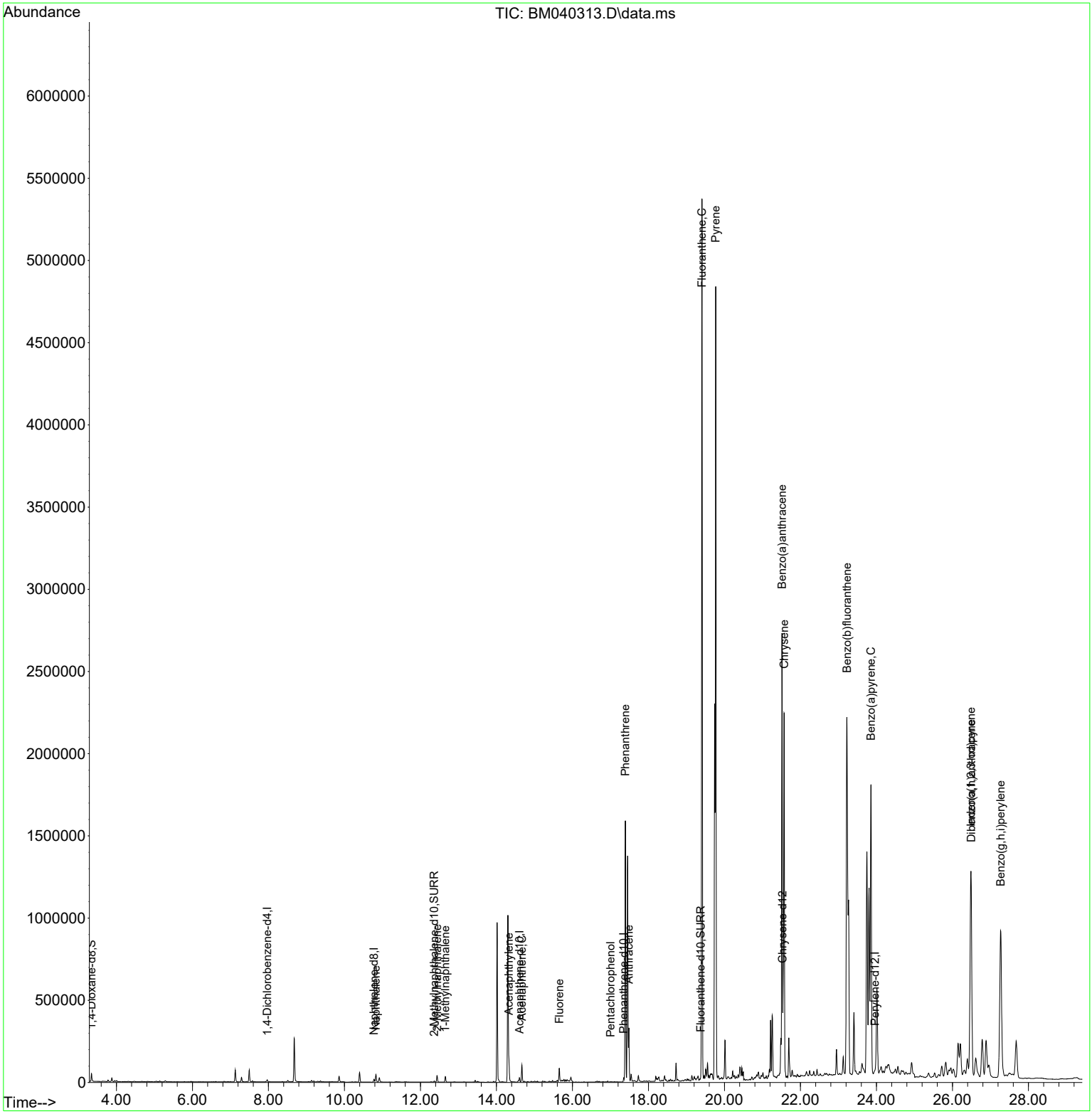
(#) = qualifier out of range (m) = manual integration (+) = signals summed

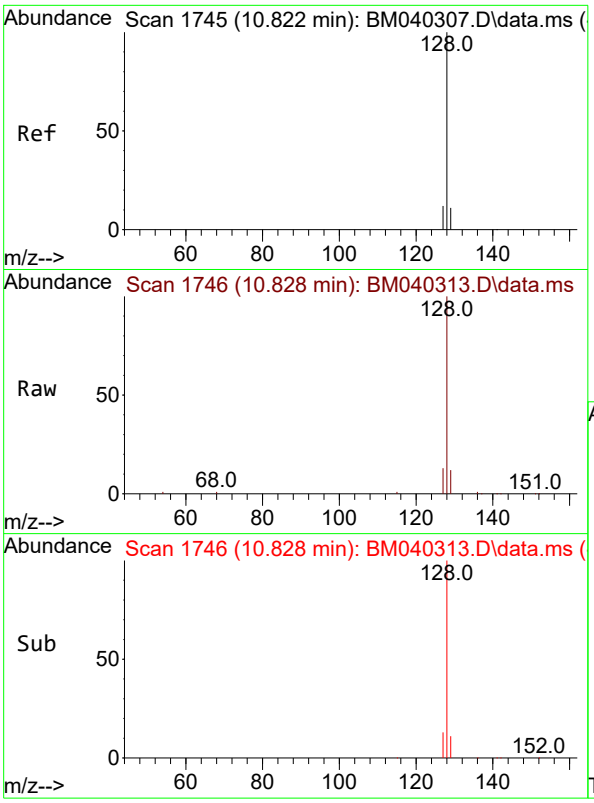
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040313.D
Acq On : 19 Jun 2023 14:15
Operator : MA/JU
Sample : 03080-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Quant Time: Jun 20 00:13:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration



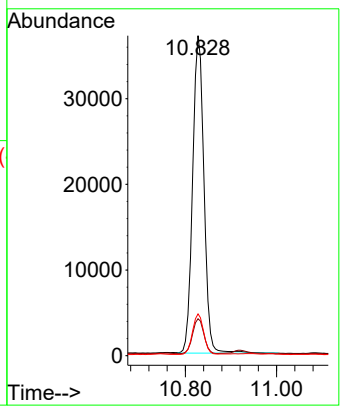


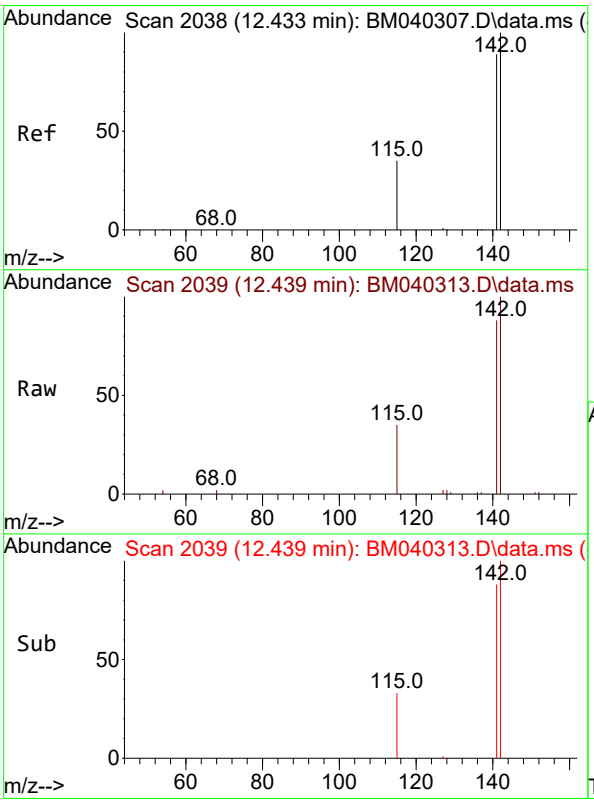
#5
Naphthalene
Concen: 1.148 ng/ul
RT: 10.828 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:128 Resp: 63945

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.1	10.4	15.6

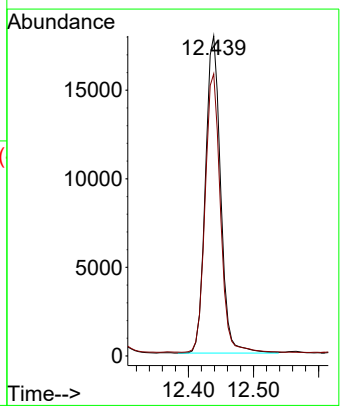


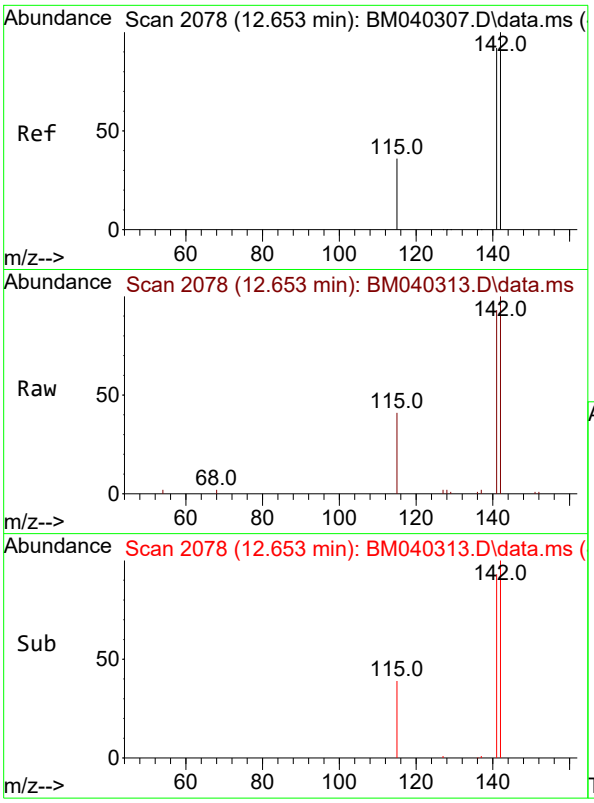


#7
2-Methylnaphthalene
Concen: 0.839 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:142 Resp: 29037

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	106.0



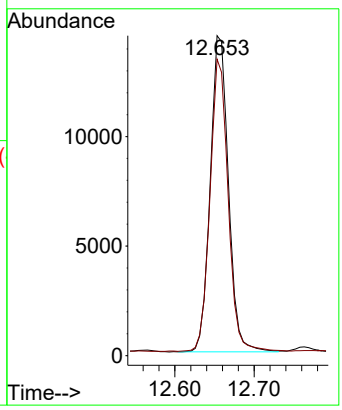


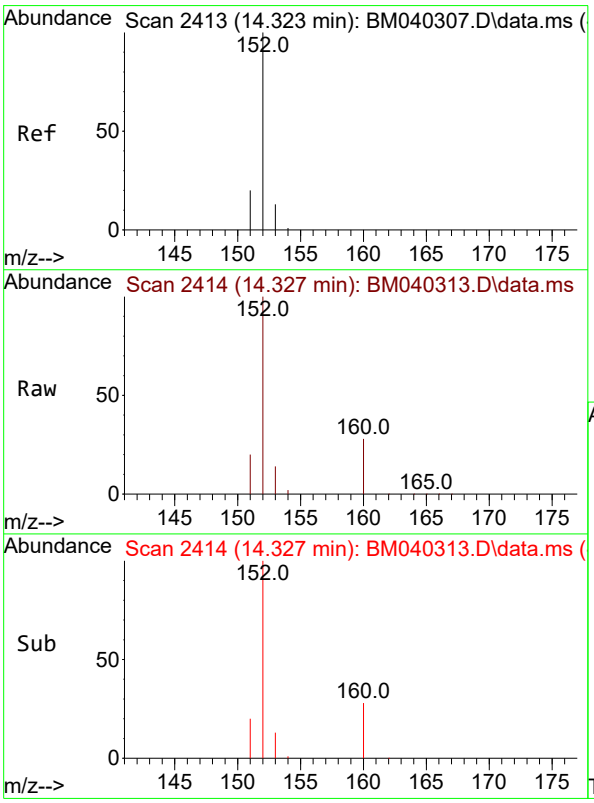
#8
1-Methylnaphthalene
Concen: 0.636 ng/ul
RT: 12.653 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:142 Resp: 23037

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.0	109.4

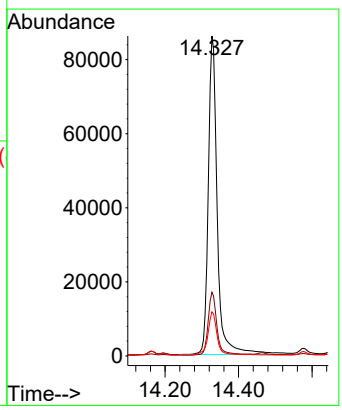


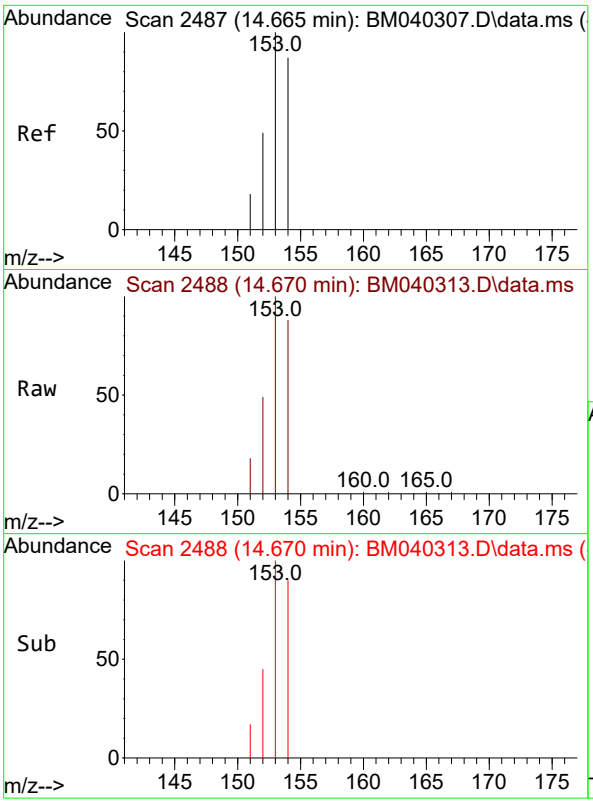


#10
Acenaphthylene
Concen: 2.908 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:152 Resp: 145708

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.8	10.7	16.1



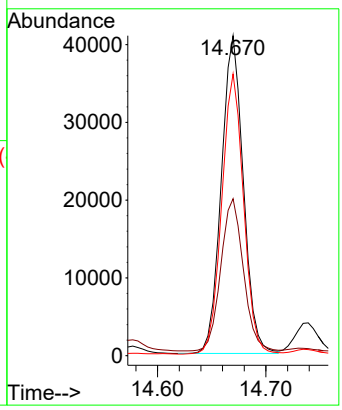


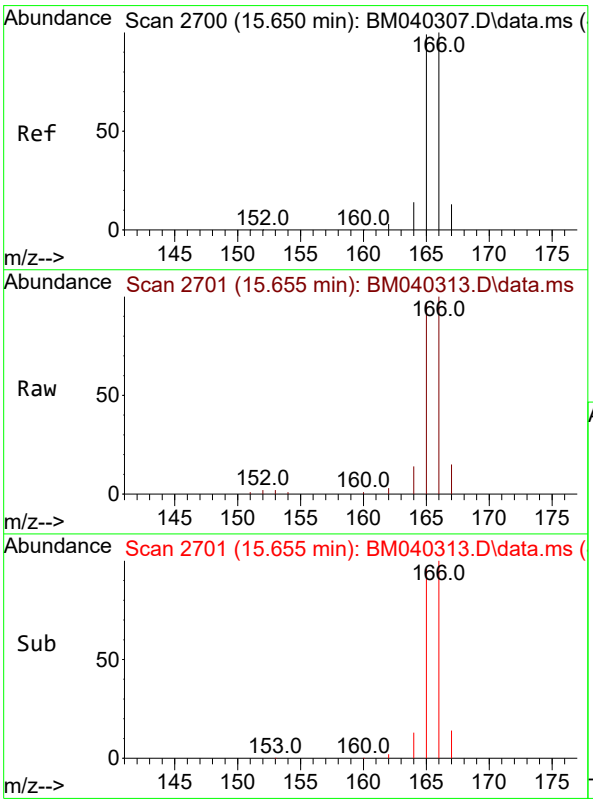
#11
Acenaphthene
Concen: 1.341 ng/ul
RT: 14.670 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:153 Resp: 57623

Ion	Ratio	Lower	Upper
153	100		
152	49.1	40.3	60.5
154	88.1	70.5	105.7

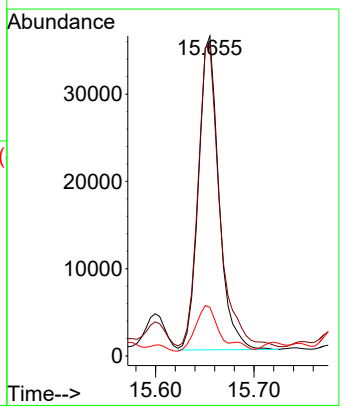


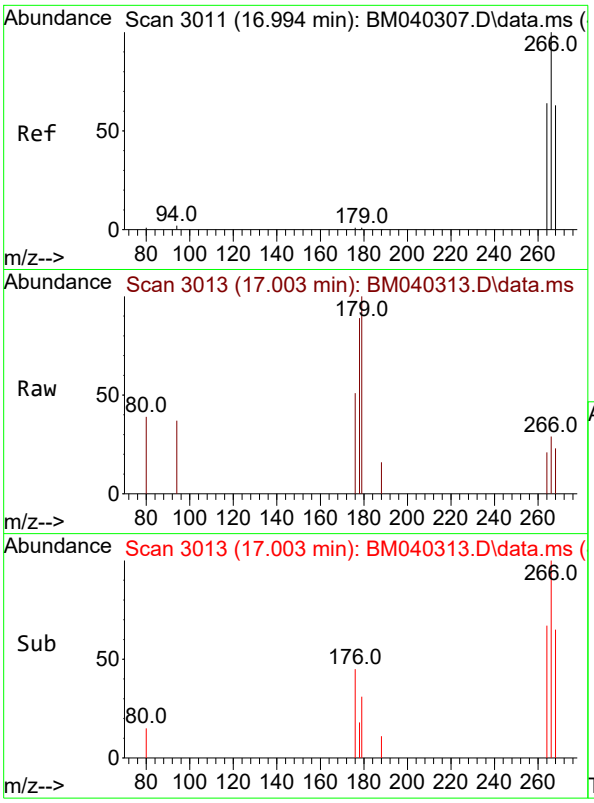


#12
Fluorene
Concen: 1.077 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:166 Resp: 51536

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.4
167	15.2	11.0	16.4



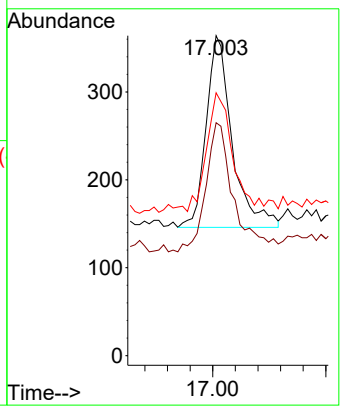


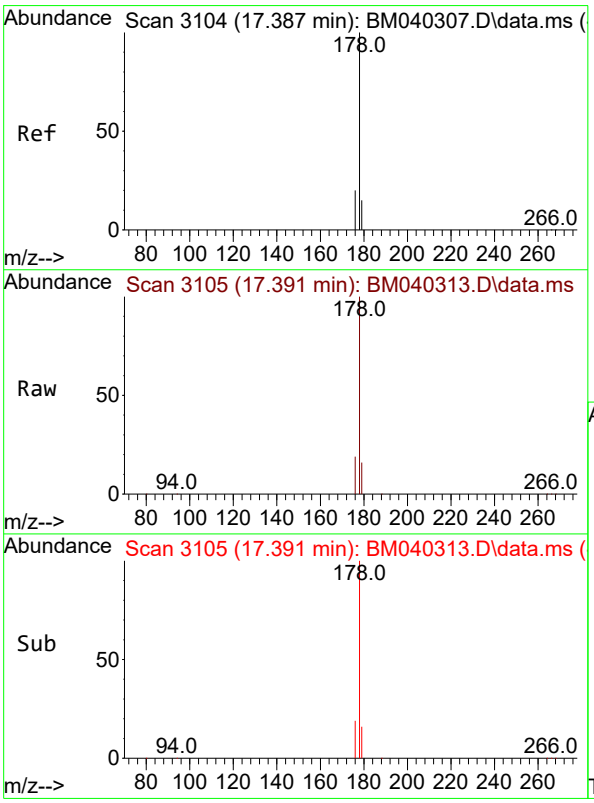
#14
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 17.003 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:266 Resp: 348

Ion	Ratio	Lower	Upper
266	100		
264	72.1	49.4	74.0
268	59.8	51.3	76.9

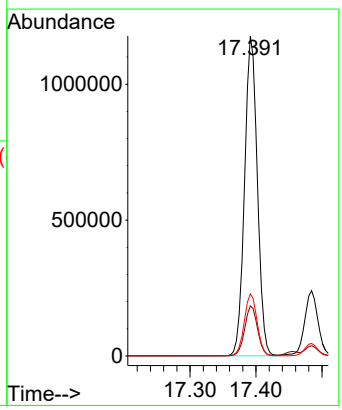


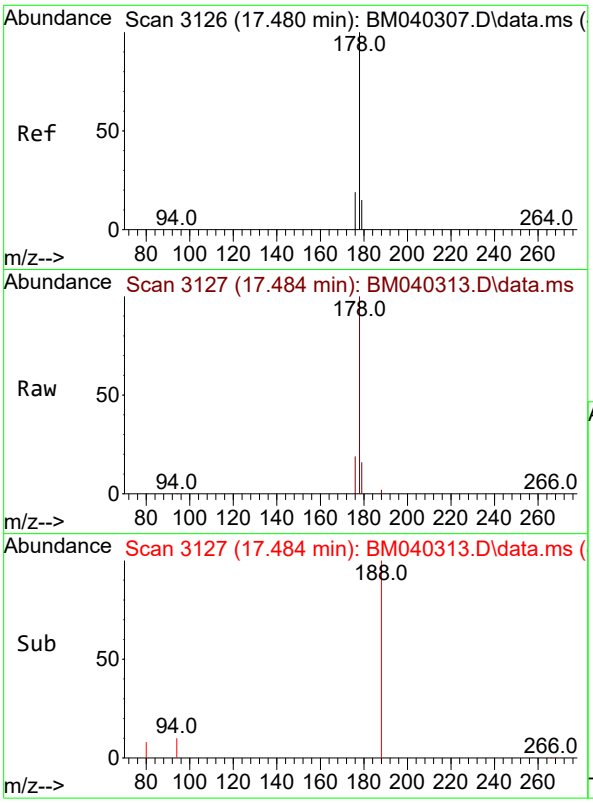


#15
Phenanthrene
Concen: 20.243 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:178 Resp: 1584042

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.4	16.1	24.1



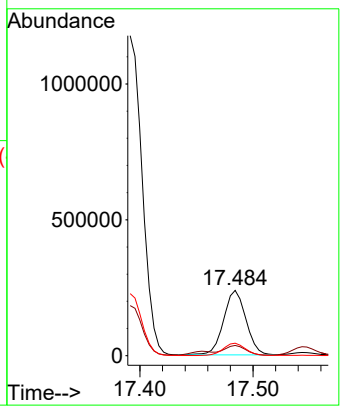


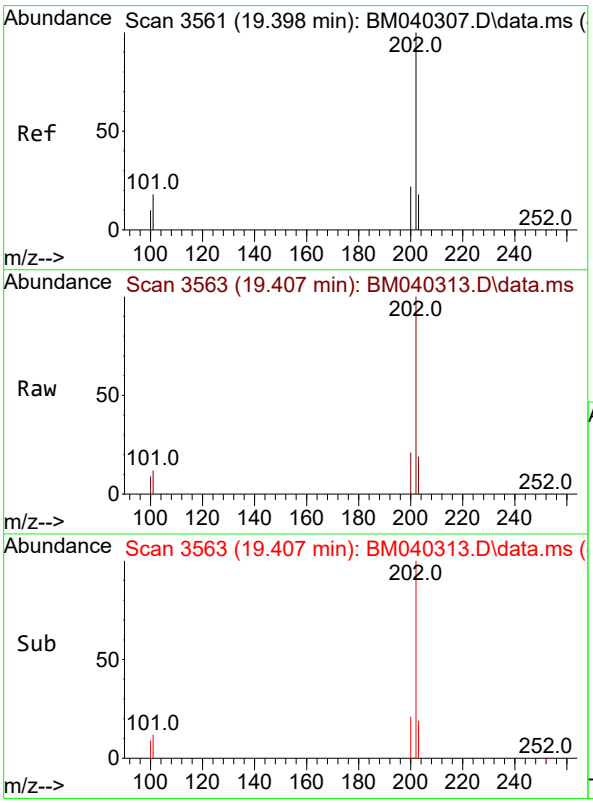
#16
Anthracene
Concen: 4.915 ng/ul
RT: 17.484 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:178 Resp: 325827

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.0	15.5	23.3

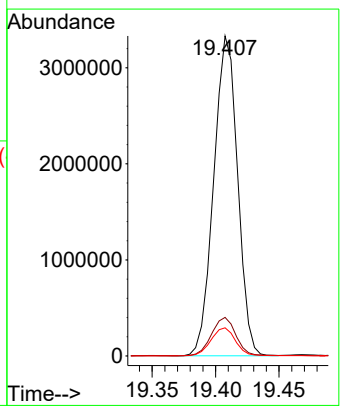


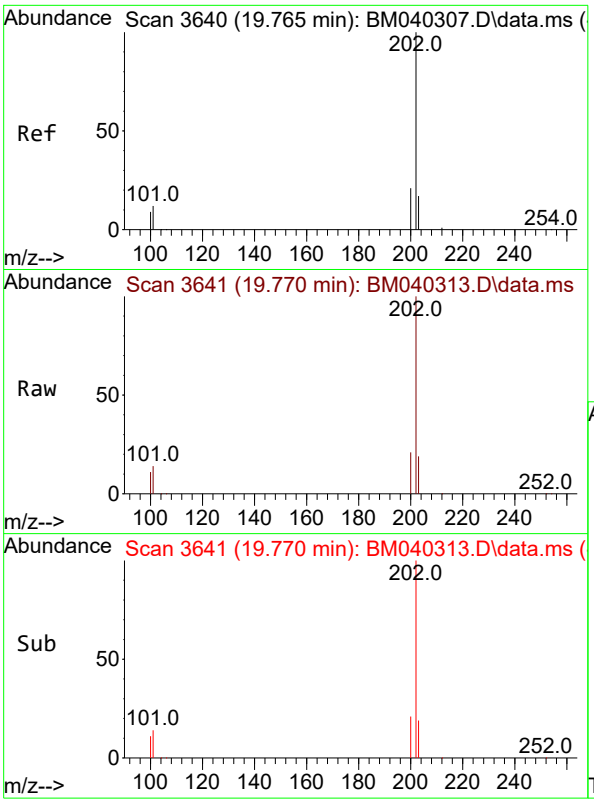


#19
Fluoranthene
Concen: 55.427 ng/ul
RT: 19.407 min Scan# 3563
Delta R.T. 0.000 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:202 Resp: 4355176

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.4
100	8.8	7.6	11.4



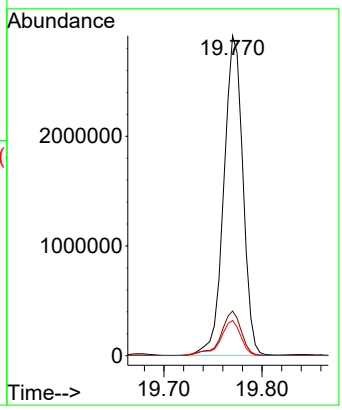


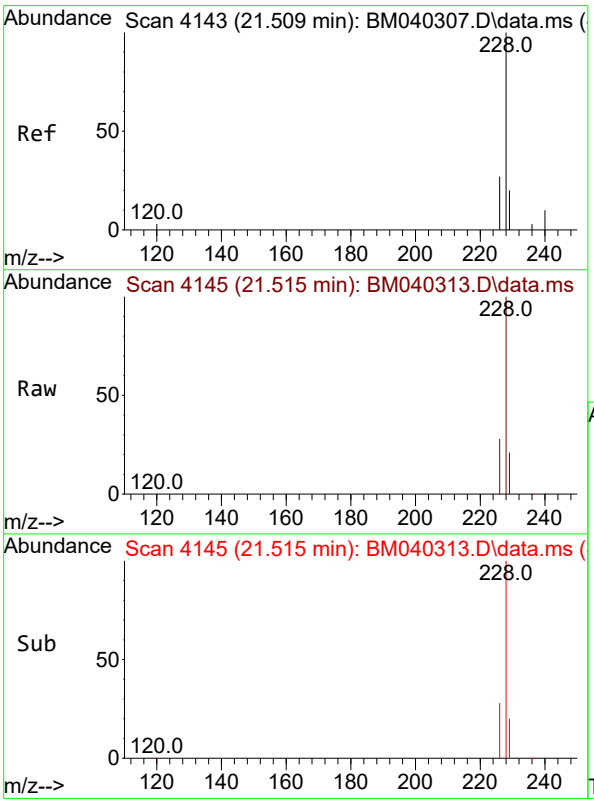
#20
Pyrene
Concen: 48.374 ng/ul
RT: 19.770 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:202 Resp: 3949182

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.8	17.8
100	11.0	9.3	13.9

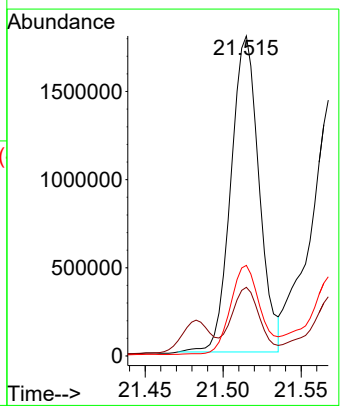


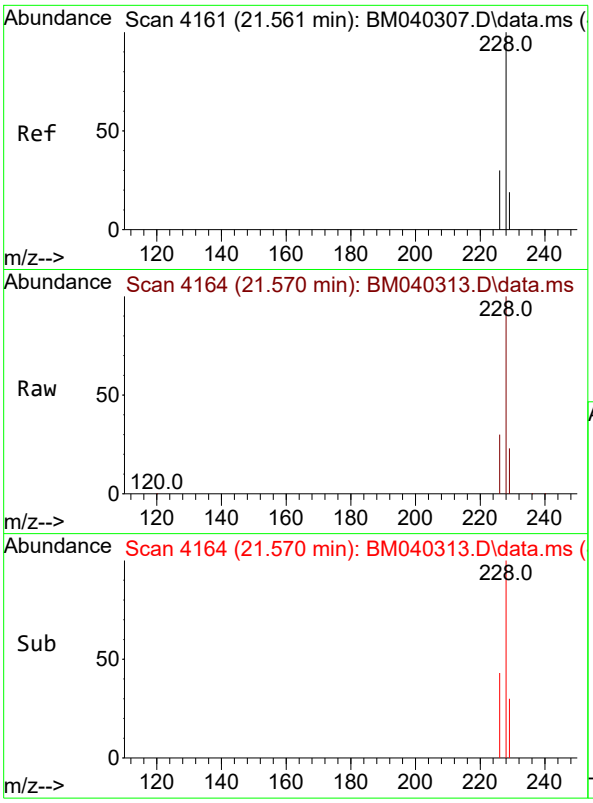


#21
Benzo(a)anthracene
Concen: 33.085 ng/ul
RT: 21.515 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:228 Resp: 2252600

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.8
226	28.3	22.0	33.0



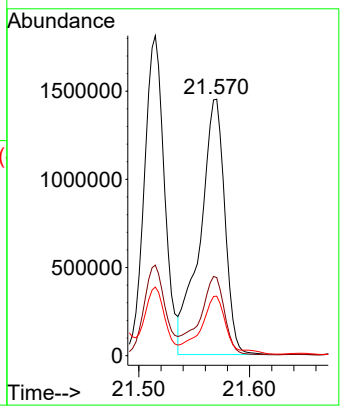


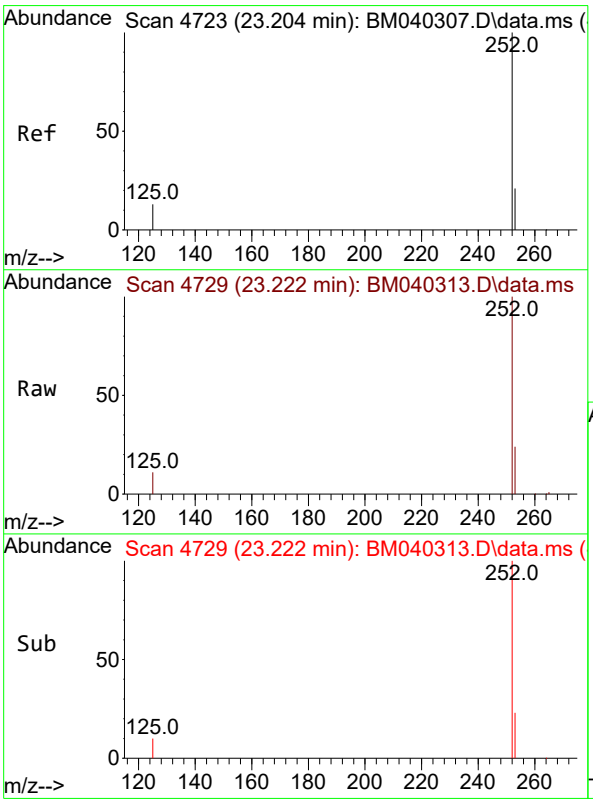
#22
Chrysene
Concen: 31.297 ng/ul
RT: 21.570 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:228 Resp: 2251010

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	23.2	15.7	23.5

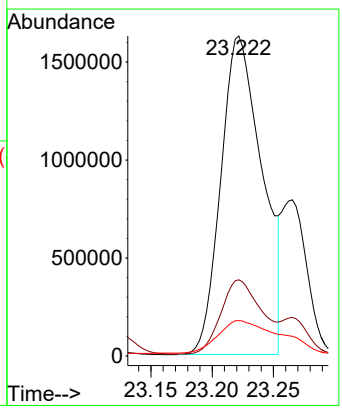


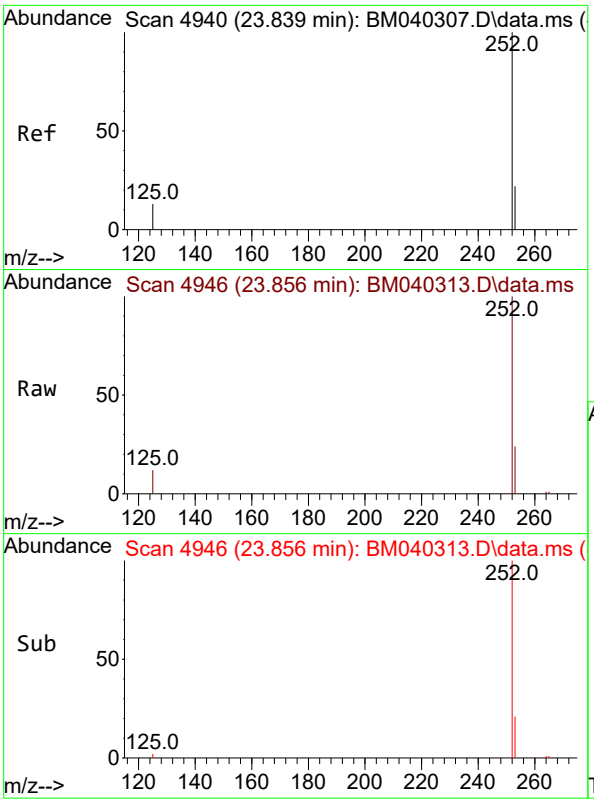


#24
Benzo(b)fluoranthene
Concen: 32.926 ng/ul
RT: 23.222 min Scan# 4729
Delta R.T. 0.006 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:252 Resp: 3816736

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	52.4
125	11.1	0.0	38.4



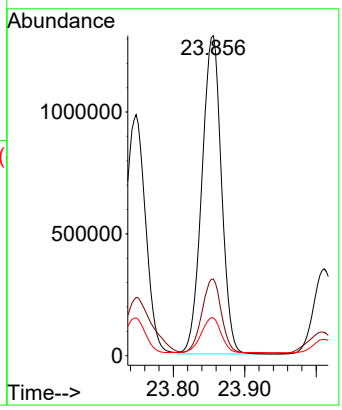


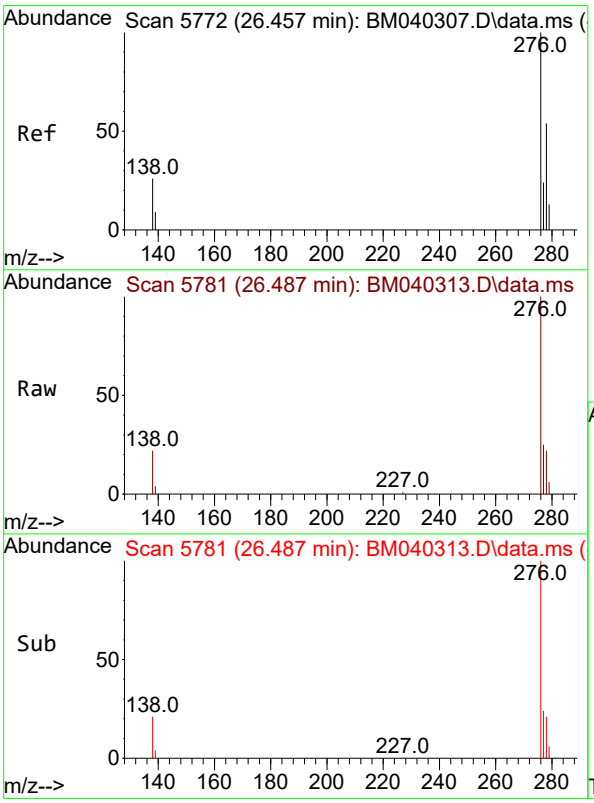
#26
Benzo(a)pyrene
Concen: 26.138 ng/ul
RT: 23.856 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:252 Resp: 2486306

Ion	Ratio	Lower	Upper
252	100		
253	23.9	23.4	35.0
125	11.8	19.7	29.5#

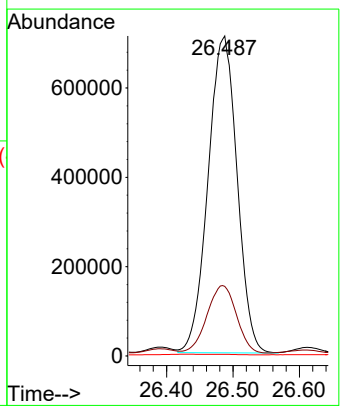


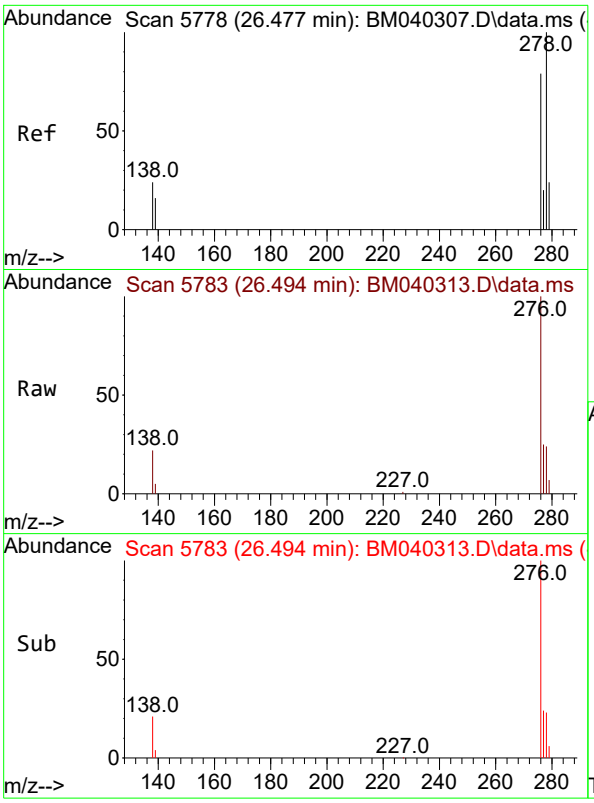


#27
Indeno(1,2,3-cd)pyrene
Concen: 17.886 ng/ul
RT: 26.487 min Scan# 5781
Delta R.T. 0.010 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:276 Resp: 2153542

Ion	Ratio	Lower	Upper
276	100		
138	21.6	23.3	34.9#
227	0.0	0.1	0.1#



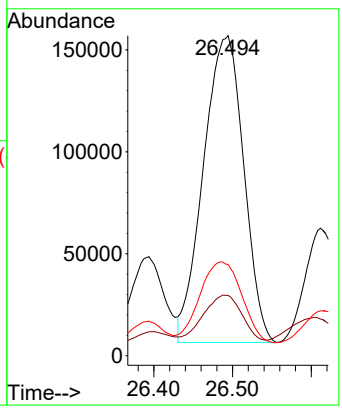


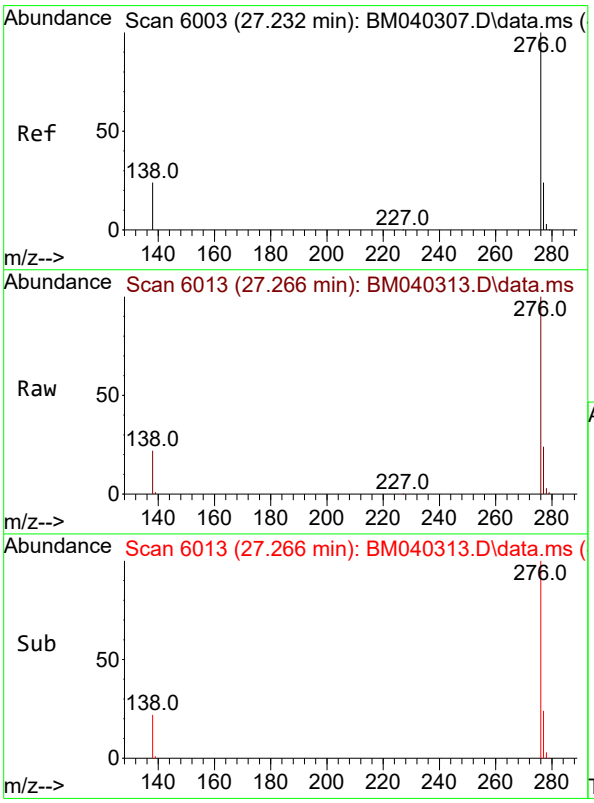
#28
Dibenzo(a,h)anthracene
Concen: 5.541 ng/ul
RT: 26.494 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Instrument :
BNA_M
ClientSampleId :
DCFJ4

Tgt Ion:278 Resp: 535576

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.4	24.6
279	28.5	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 20.099 ng/ul
RT: 27.266 min Scan# 6013
Delta R.T. 0.010 min
Lab File: BM040313.D
Acq: 19 Jun 2023 14:15

Tgt Ion:276 Resp: 2021308

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
277	24.4	19.6	29.4