Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040282.D
Acq On : 16 Jun 2023 15:56
Operator : MA/JU
Sample : 03080-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFH5

Quant Time: Jun 16 23:39:13 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	7.970	152	9457	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	33748	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.609	164	16225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	26562	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	18868	0.400	ng/ul	# 0.00
23) Perylene-d12	23.952	264	20163	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	24833	2.126	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5624	0.131	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	7556	0.161	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.827	128	18097	0.226	ng/ul	97
7) 2-Methylnaphthalene	12.439	142	9074	0.183	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	6231	0.120	ng/ul	99
10) Acenaphthylene	14.327	152	20250	0.357	ng/ul	98
11) Acenaphthene	14.670	153	8772	0.180	ng/ul	98
12) Fluorene	15.655	166	7747	0.143	ng/ul#	96
14) Pentachlorophenol	17.003	266	730	0.135	ng/ul	91
15) Phenanthrene	17.391	178	182463	2.613	ng/ul	99
16) Anthracene	17.484	178	37090	0.627	ng/ul	100
19) Fluoranthene	19.403	202	410369	6.385	ng/ul	99
20) Pyrene	19.765	202	344846	5.164	ng/ul	98
21) Benzo(a)anthracene	21.512	228	175749	3.156	ng/ul	98
22) Chrysene	21.564	228	210344	3.575	ng/ul	98
24) Benzo(b)fluoranthene	23.213	252	354813	4.774	ng/ul	94
26) Benzo(a)pyrene	23.844	252	209795	3.440	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.467	276	190531	2.468	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.474	278	45647	0.737	ng/ul#	91
29) Benzo(g,h,i)perylene	27.242	276	172698	2.678	ng/ul	100

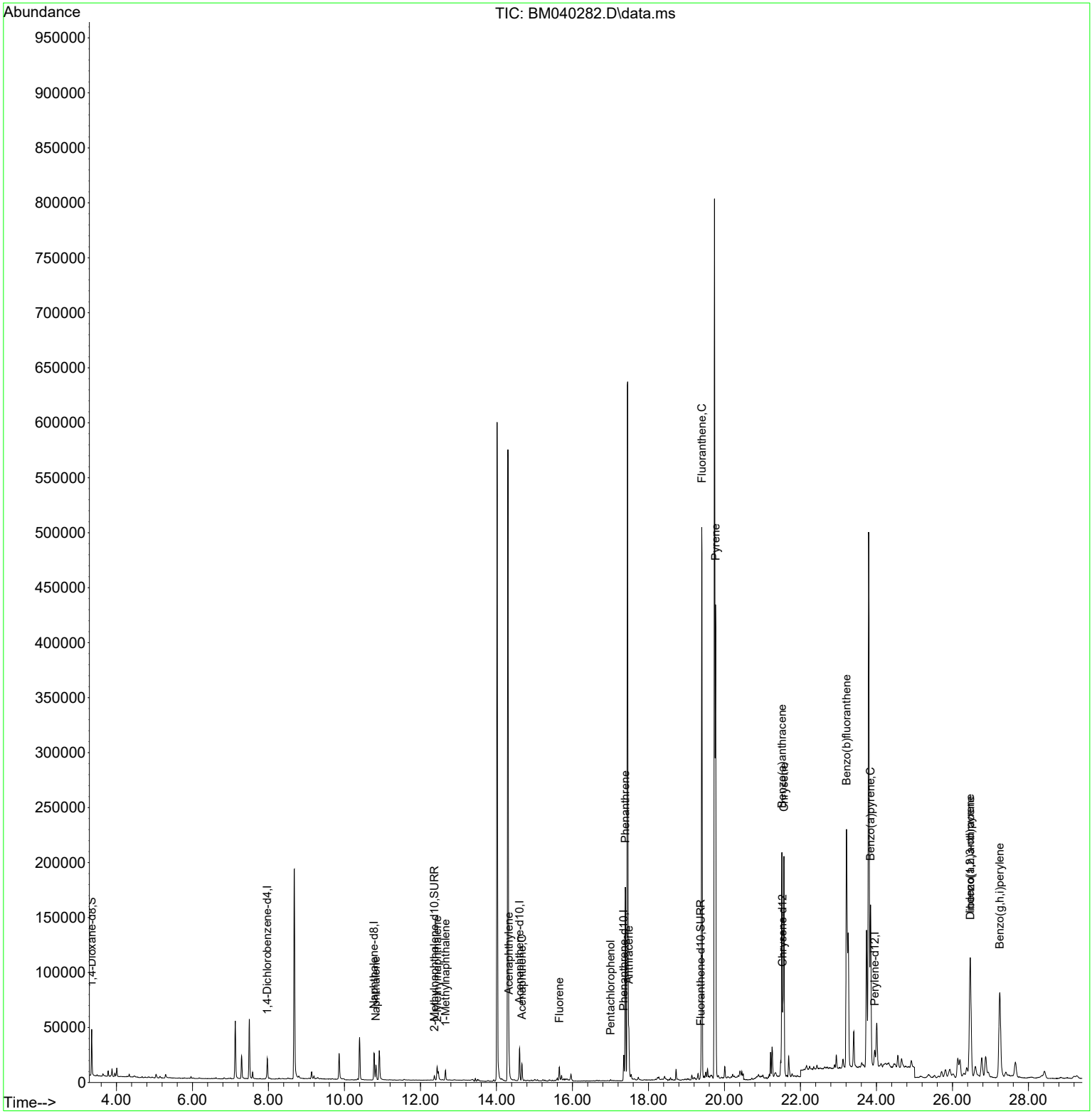
(#) = qualifier out of range (m) = manual integration (+) = signals summed

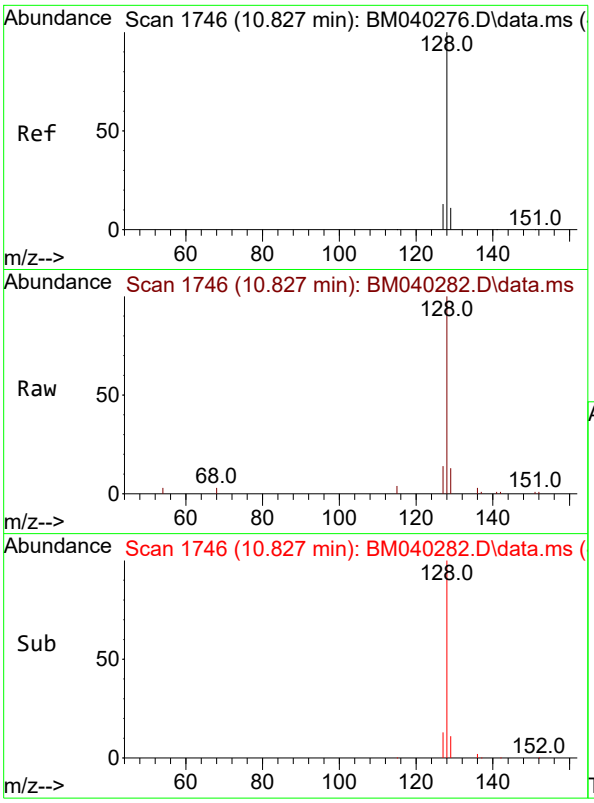
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040282.D
Acq On : 16 Jun 2023 15:56
Operator : MA/JU
Sample : 03080-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFH5

Quant Time: Jun 16 23:39:13 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



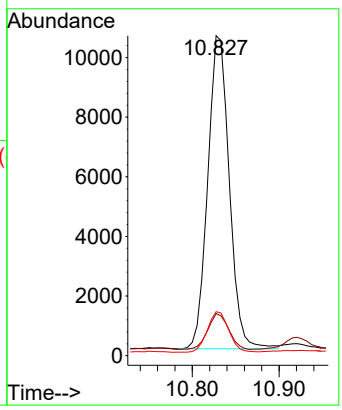


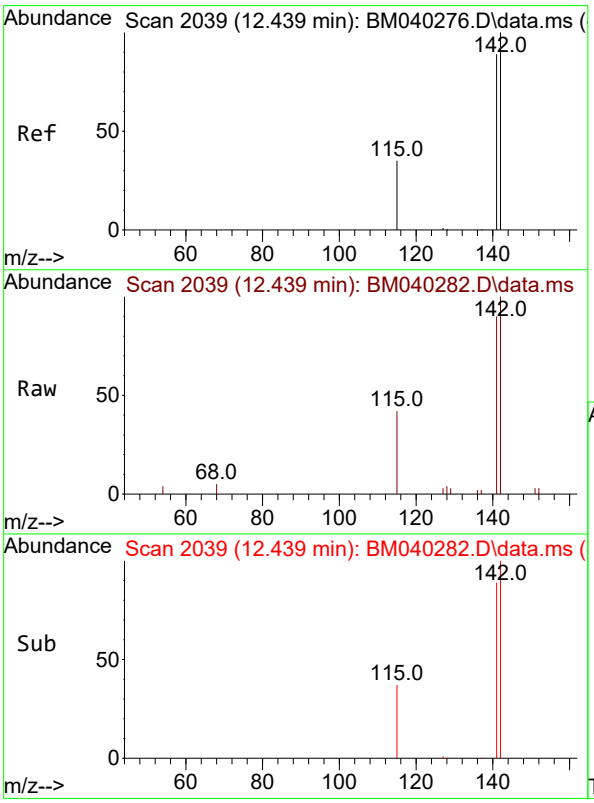
#5
Naphthalene
Concen: 0.226 ng/ul
RT: 10.827 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:128 Resp: 18097

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.1	13.7
127	13.8	10.4	15.6

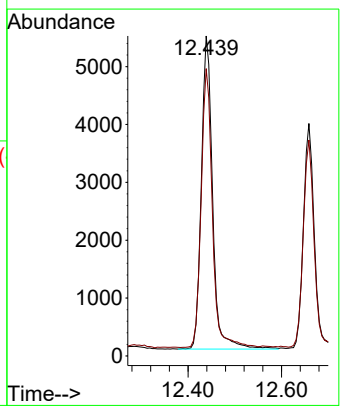


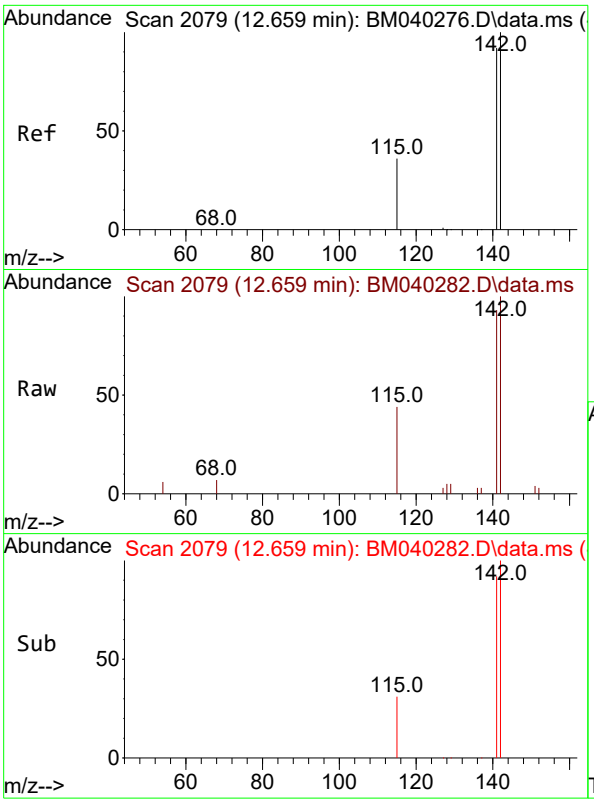


#7
2-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:142 Resp: 9074

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0



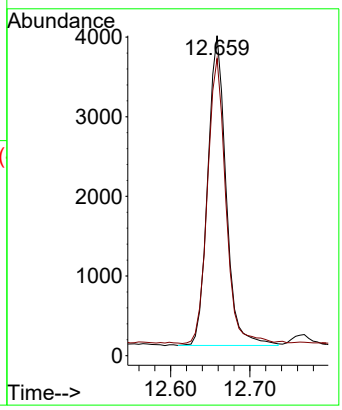


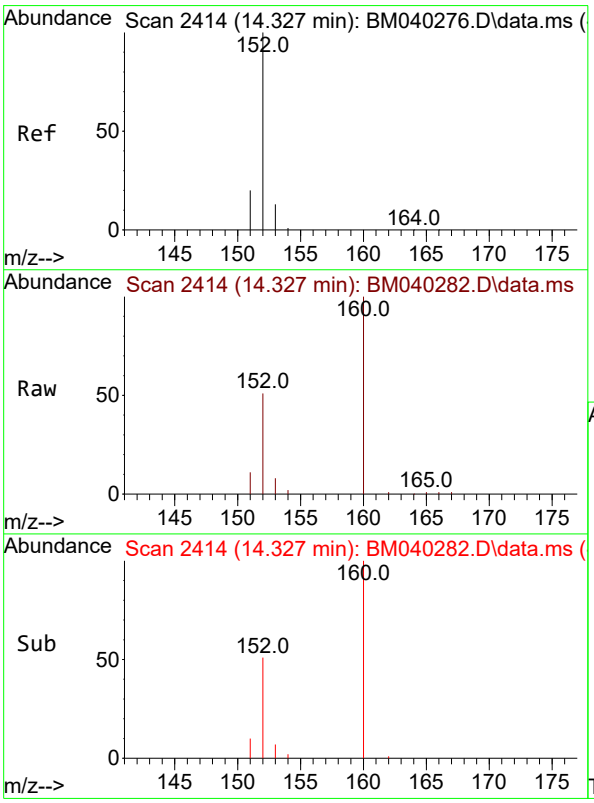
#8
1-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.659 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:142 Resp: 6231

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.0	109.4

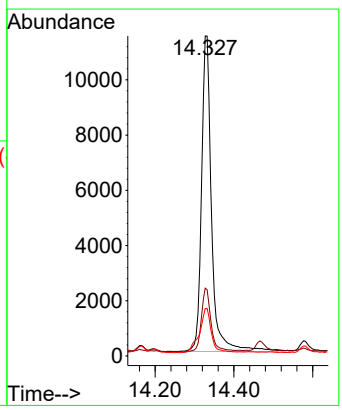


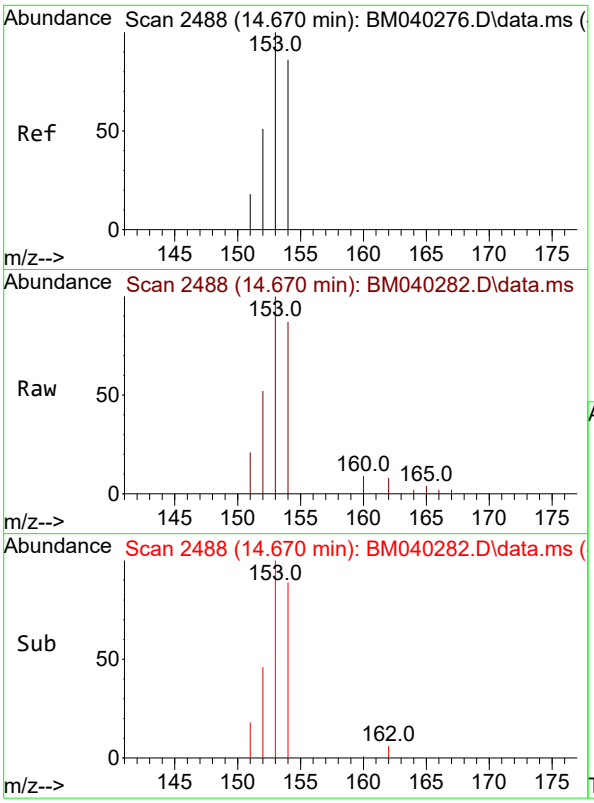


#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:152 Resp: 20250

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	14.8	10.7	16.1



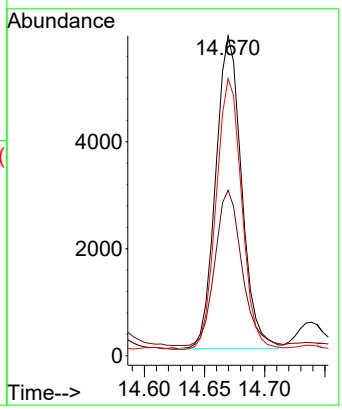


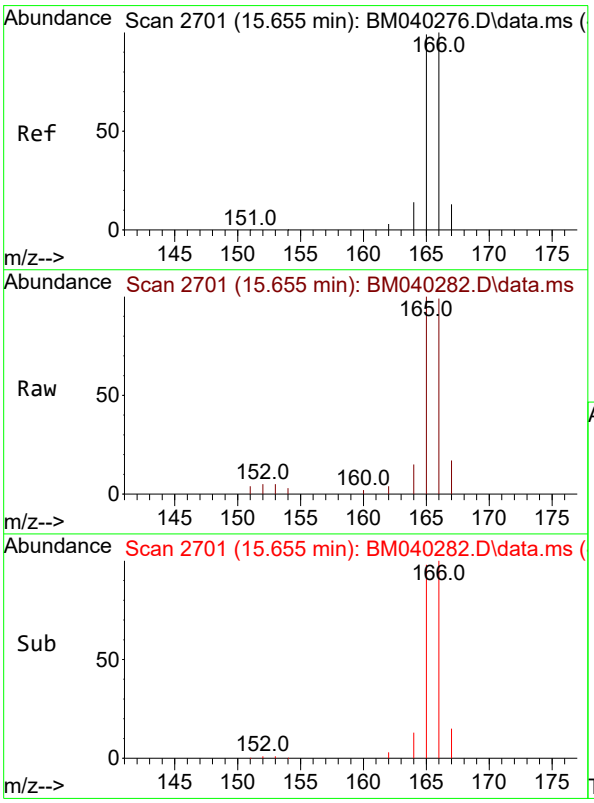
#11
Acenaphthene
Concen: 0.180 ng/ul
RT: 14.670 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:153 Resp: 8772

Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.3	60.5
154	86.5	70.5	105.7

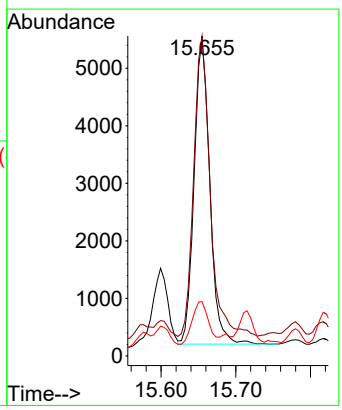


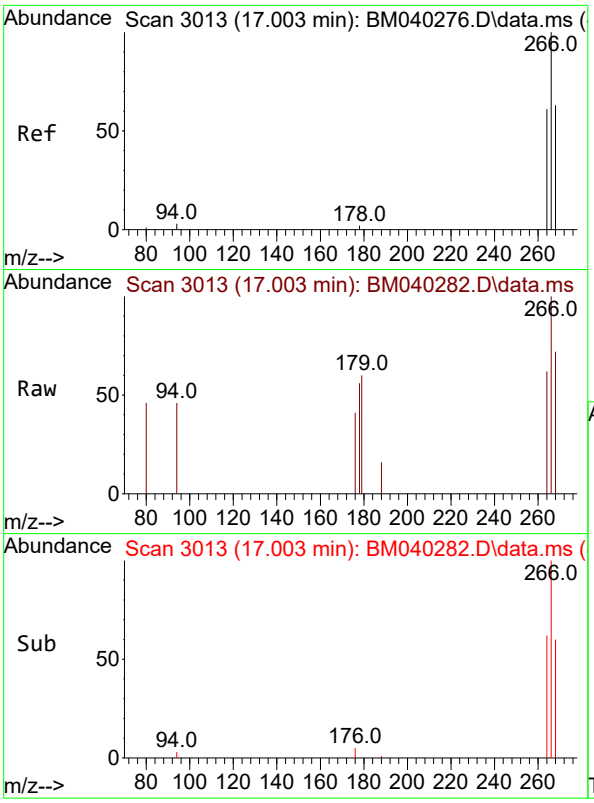


#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:166 Resp: 7747

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.2	117.4
167	17.1	11.0	16.4#



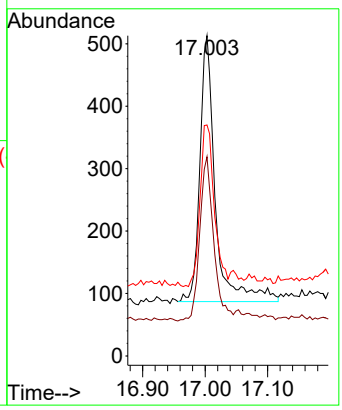


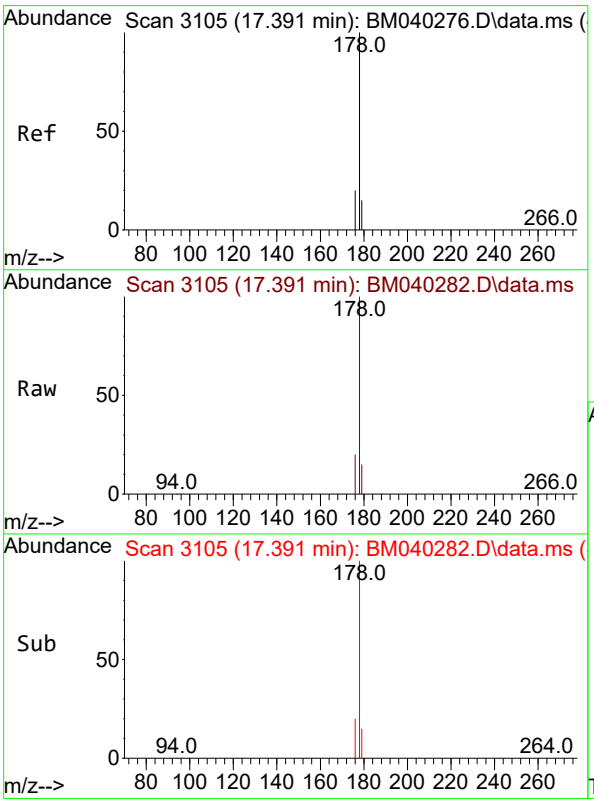
#14
Pentachlorophenol
Concen: 0.135 ng/ul
RT: 17.003 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:266 Resp: 730

Ion	Ratio	Lower	Upper
266	100		
264	56.2	49.4	74.0
268	56.2	51.3	76.9

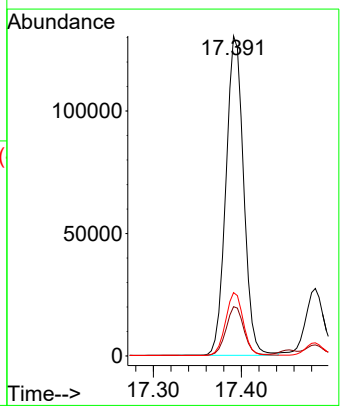


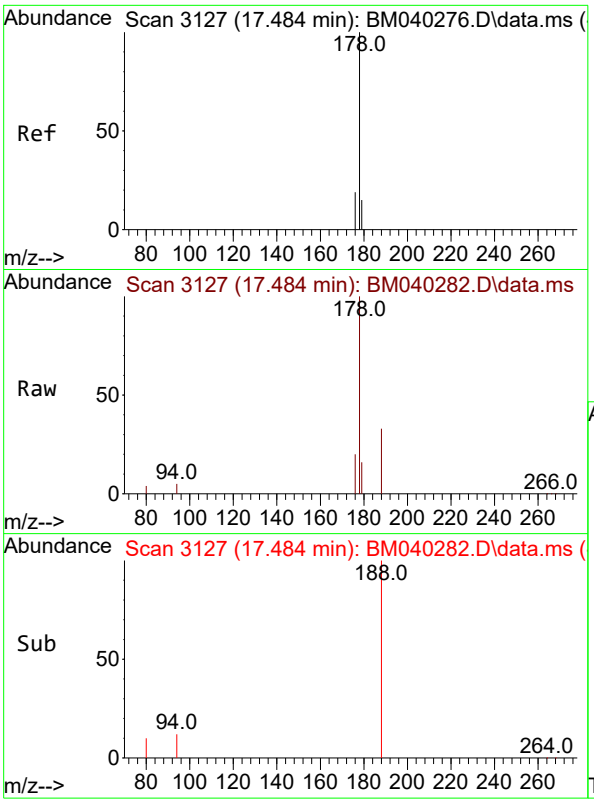


#15
Phenanthrene
Concen: 2.613 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:178 Resp: 182463

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.8	16.1	24.1



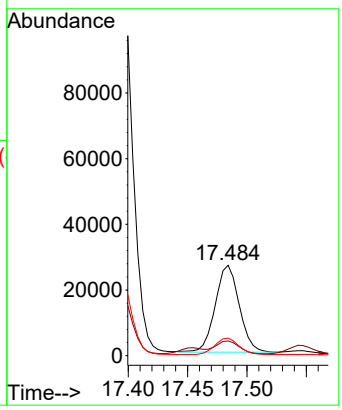


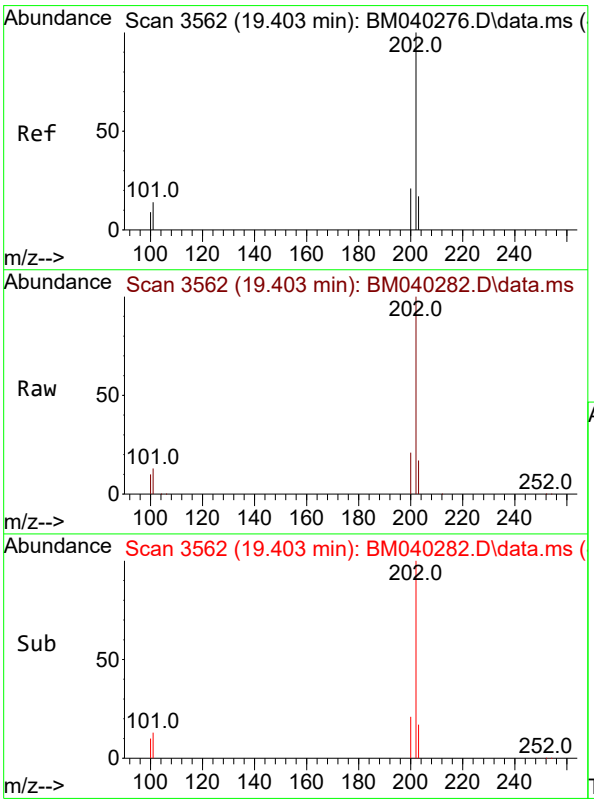
#16
Anthracene
Concen: 0.627 ng/ul
RT: 17.484 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:178 Resp: 37090

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.0	19.4
176	19.5	15.5	23.3

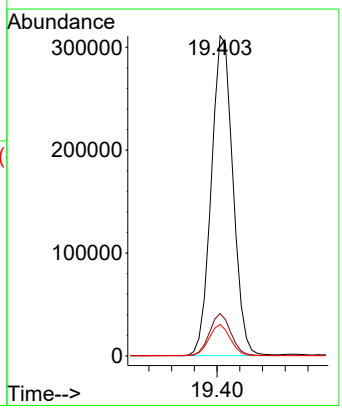


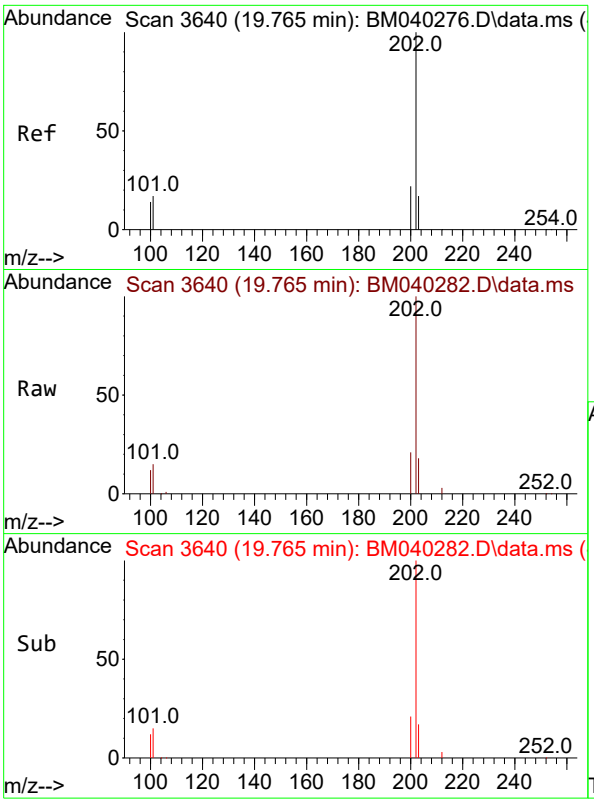


#19
Fluoranthene
Concen: 6.385 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:202 Resp: 410369

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.2	15.4
100	9.8	7.6	11.4



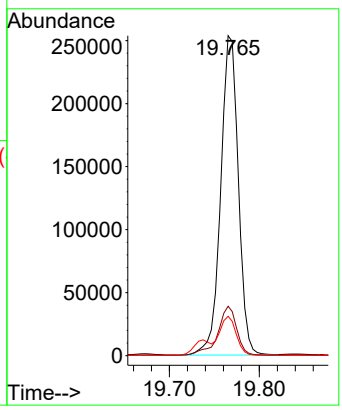


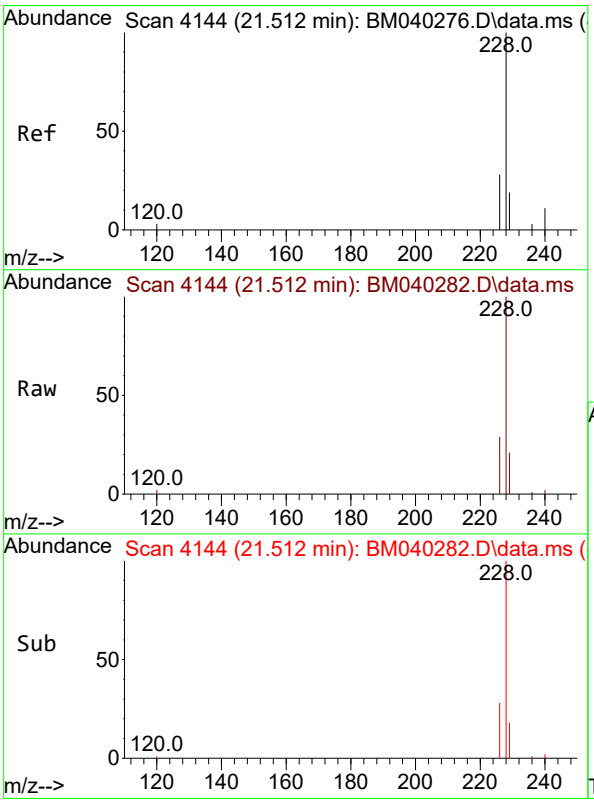
#20
Pyrene
Concen: 5.164 ng/ul
RT: 19.765 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:202 Resp: 344846

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.8	17.8
100	12.3	9.3	13.9

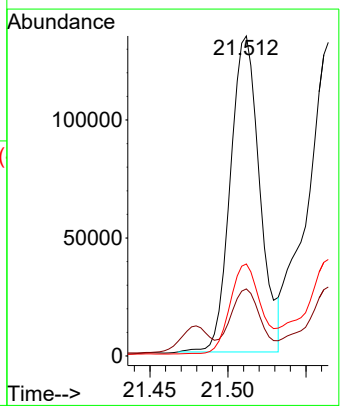


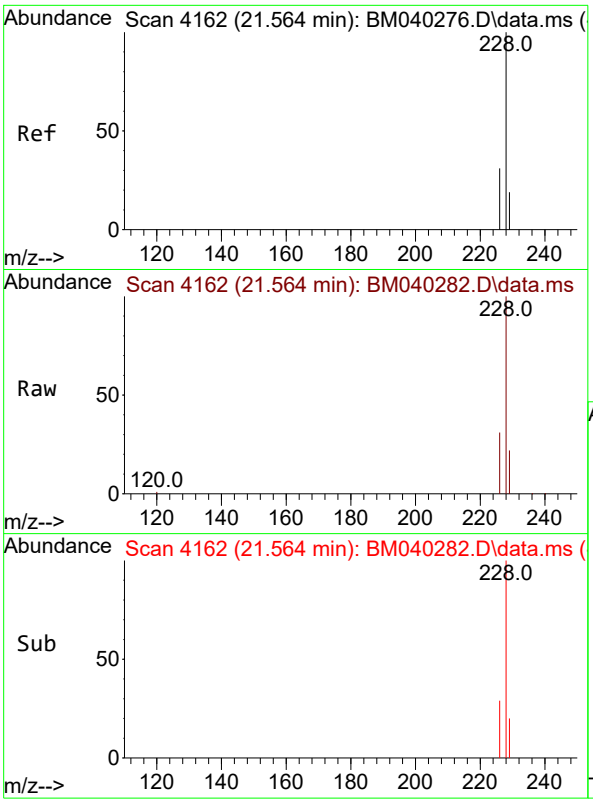


#21
Benzo(a)anthracene
Concen: 3.156 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:228 Resp: 175749

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	28.7	22.0	33.0



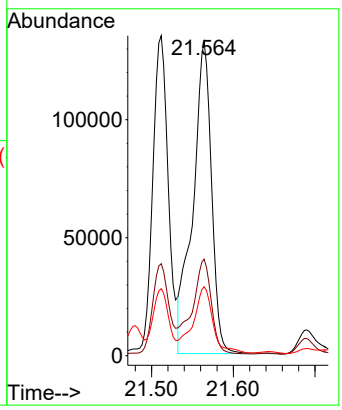


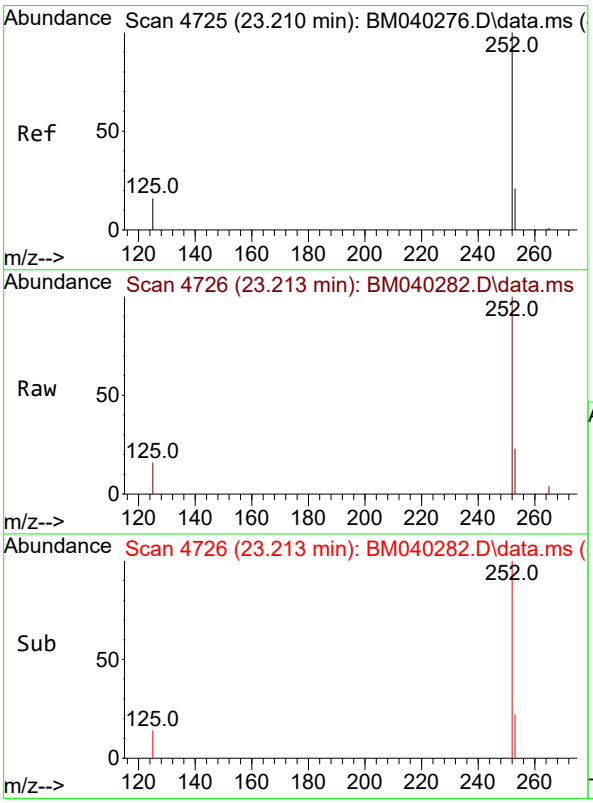
#22
Chrysene
Concen: 3.575 ng/ul
RT: 21.564 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:228 Resp: 210344

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	22.0	15.7	23.5

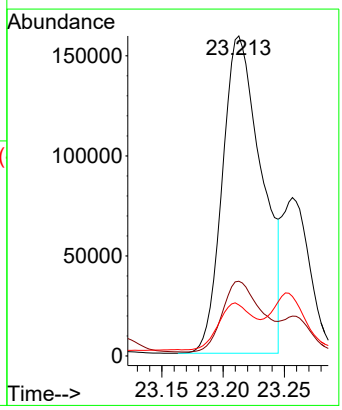


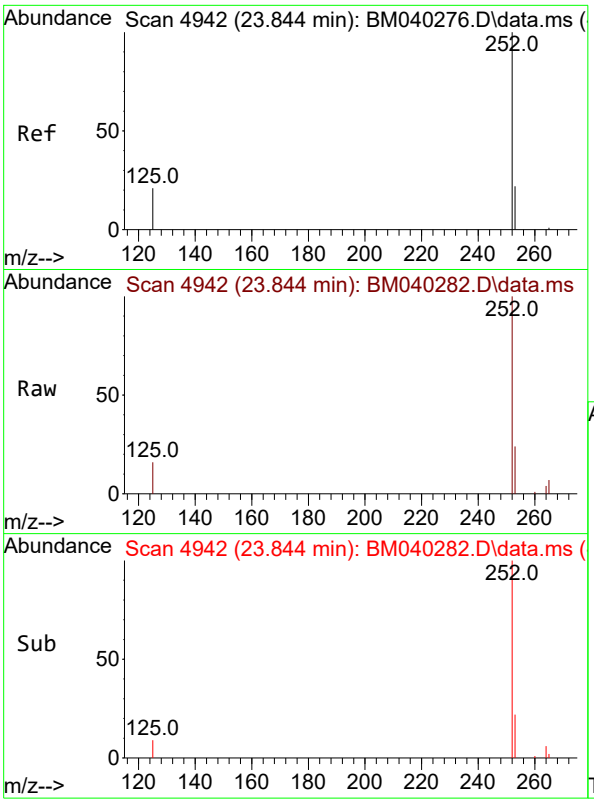


#24
Benzo(b)fluoranthene
Concen: 4.774 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:252 Resp: 354813

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	52.4
125	16.0	0.0	38.4



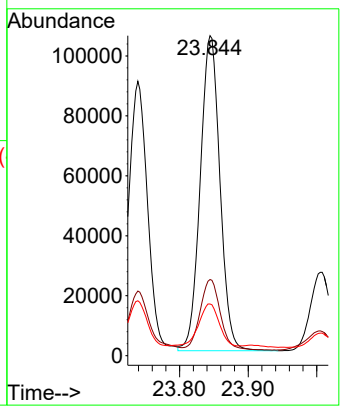


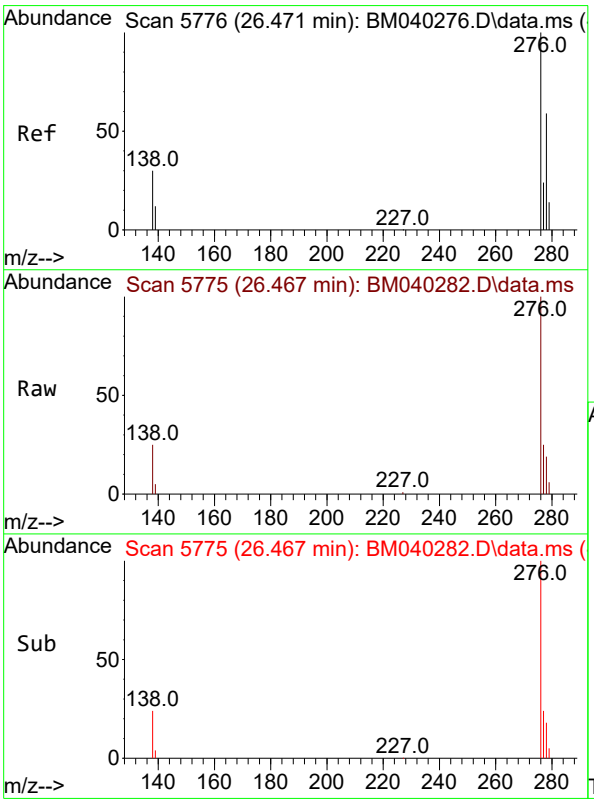
#26
Benzo(a)pyrene
Concen: 3.440 ng/ul
RT: 23.844 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:252 Resp: 209795

Ion	Ratio	Lower	Upper
252	100		
253	23.8	23.4	35.0
125	16.1	19.7	29.5#

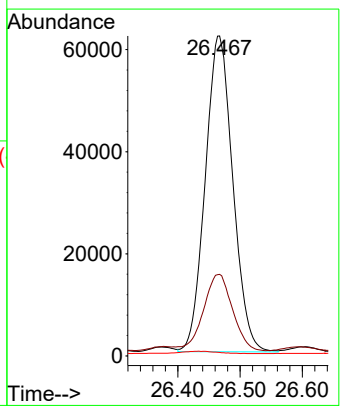


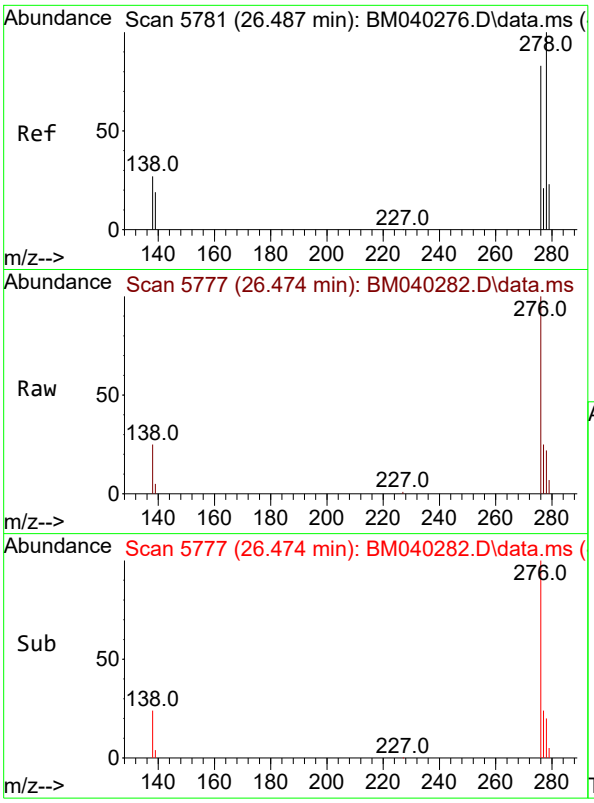


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.468 ng/ul
RT: 26.467 min Scan# 5775
Delta R.T. -0.010 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:276 Resp: 190531

Ion	Ratio	Lower	Upper
276	100		
138	25.2	23.3	34.9
227	0.0	0.1	0.1#



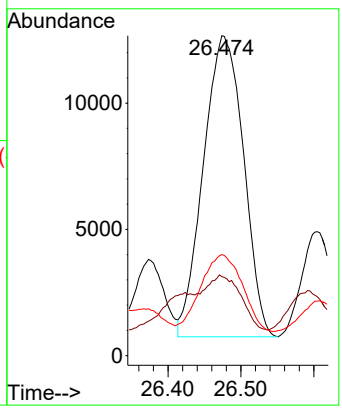


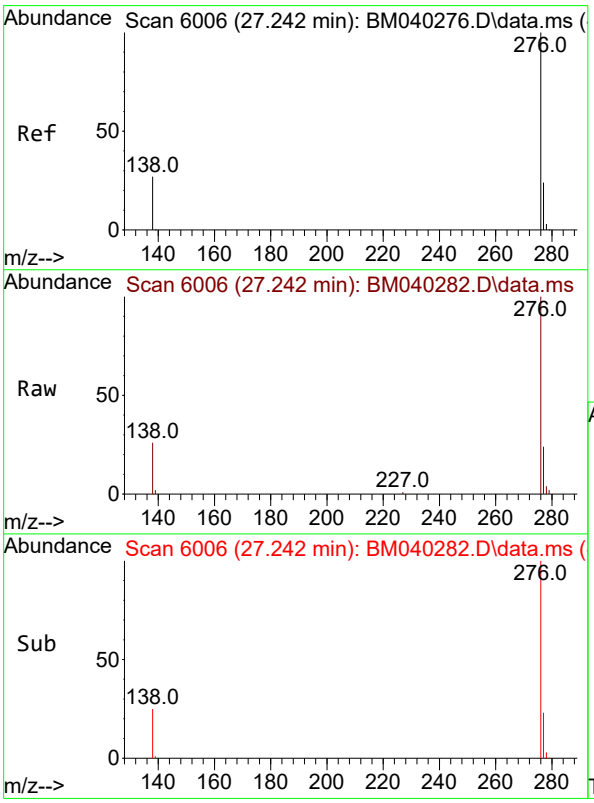
#28
Dibenzo(a,h)anthracene
Concen: 0.737 ng/ul
RT: 26.474 min Scan# 5
Delta R.T. -0.024 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Instrument :
BNA_M
ClientSampleId :
DCFH5

Tgt Ion:278 Resp: 45647

Ion	Ratio	Lower	Upper
278	100		
139	24.7	16.4	24.6#
279	31.6	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 2.678 ng/ul
RT: 27.242 min Scan# 6006
Delta R.T. -0.014 min
Lab File: BM040282.D
Acq: 16 Jun 2023 15:56

Tgt Ion:276 Resp: 172698

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.0	31.4
277	24.3	19.6	29.4