Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038114.D
Acq On : 19 Dec 2022 22:13
Operator : CG/JU
Sample : N5925-20DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Quant Time: Dec 19 23:24:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5176	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	15918	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.675	164	8860	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	17871	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	13278	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	12847	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	4767	0.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1245	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2408	0.050	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.917	128	4611	0.096	ng/ul	96
7) 2-Methylnaphthalene	12.517	142	1177	0.040	ng/ul	97
8) 1-Methylnaphthalene	12.737	142	812	0.027	ng/ul	99
10) Acenaphthylene	14.398	152	14149	0.305	ng/ul	99
11) Acenaphthene	14.740	153	3304	0.094	ng/ul	98
12) Fluorene	15.721	166	5235	0.134	ng/ul	99
14) Pentachlorophenol	17.071	266	204	0.028	ng/ul	90
15) Phenanthrene	17.455	178	101163	1.681	ng/ul	100
16) Anthracene	17.548	178	14899	0.268	ng/ul	98
19) Fluoranthene	19.459	202	181691	2.649	ng/ul	96
20) Pyrene	19.822	202	131013	1.871	ng/ul	94
21) Benzo(a)anthracene	21.562	228	58511	1.020	ng/ul	99
22) Chrysene	21.615	228	51612	0.892	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	70878	1.163	ng/ul	92
26) Benzo(a)pyrene	23.918	252	41115	0.801	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.585	276	32386	0.503	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.599	278	7341	0.146	ng/ul#	84
29) Benzo(g,h,i)perylene	27.384	276	24531	0.448	ng/ul	96

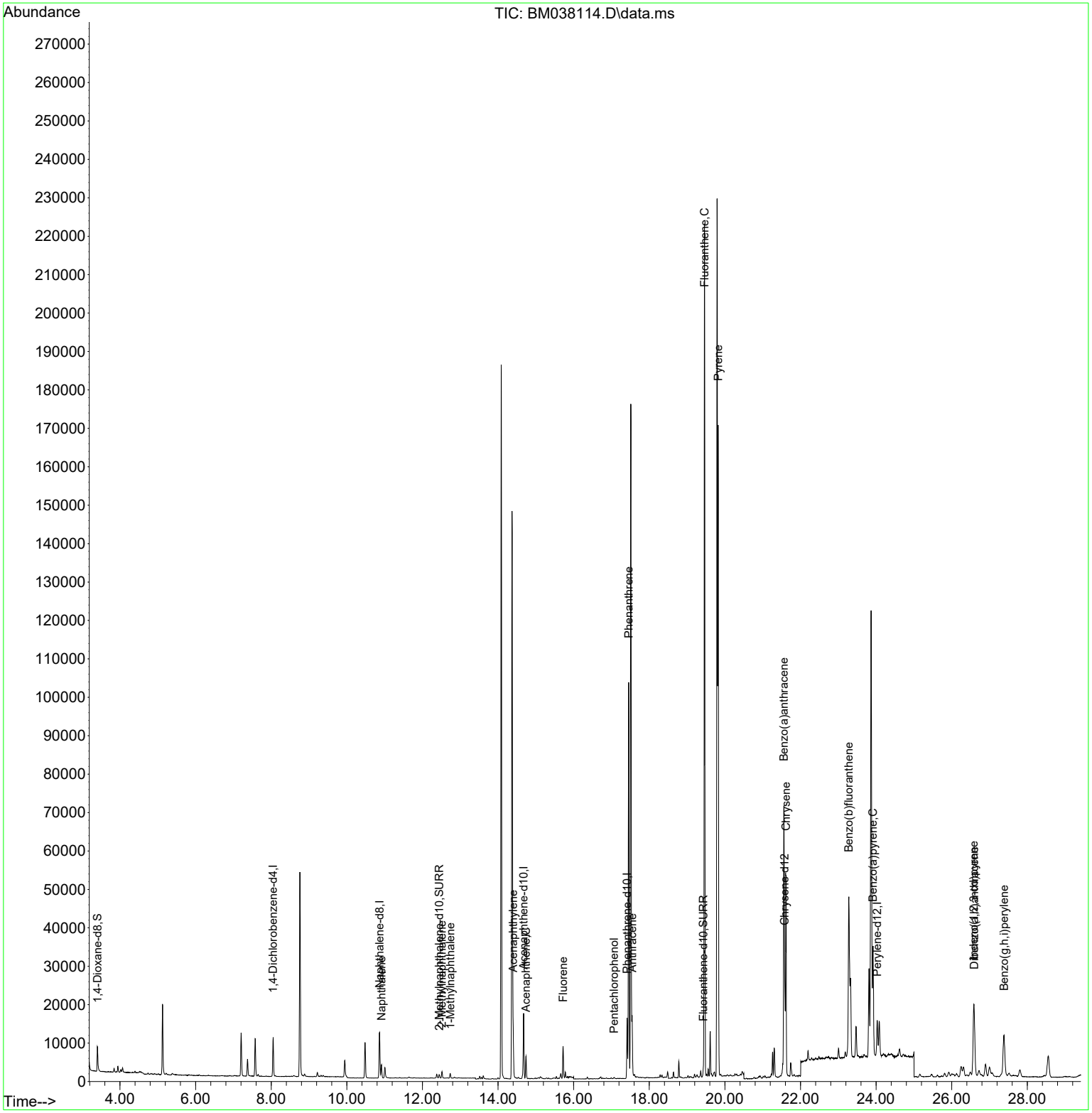
(#) = qualifier out of range (m) = manual integration (+) = signals summed

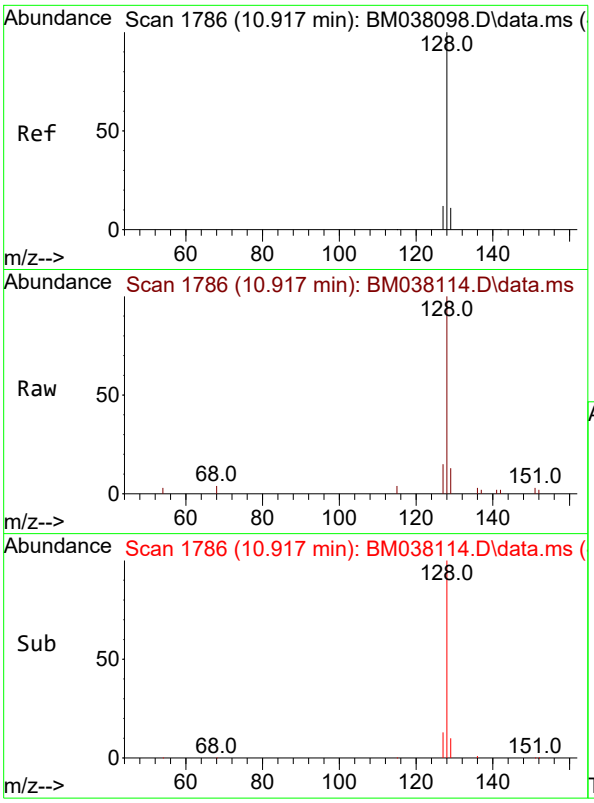
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
Data File : BM038114.D
Acq On : 19 Dec 2022 22:13
Operator : CG/JU
Sample : N5925-20DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Quant Time: Dec 19 23:24:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration



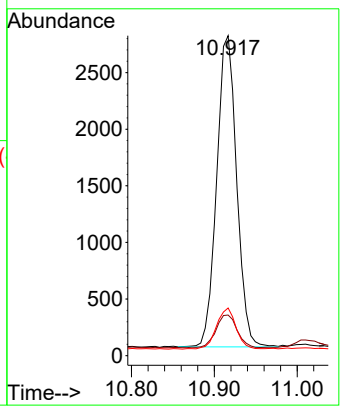


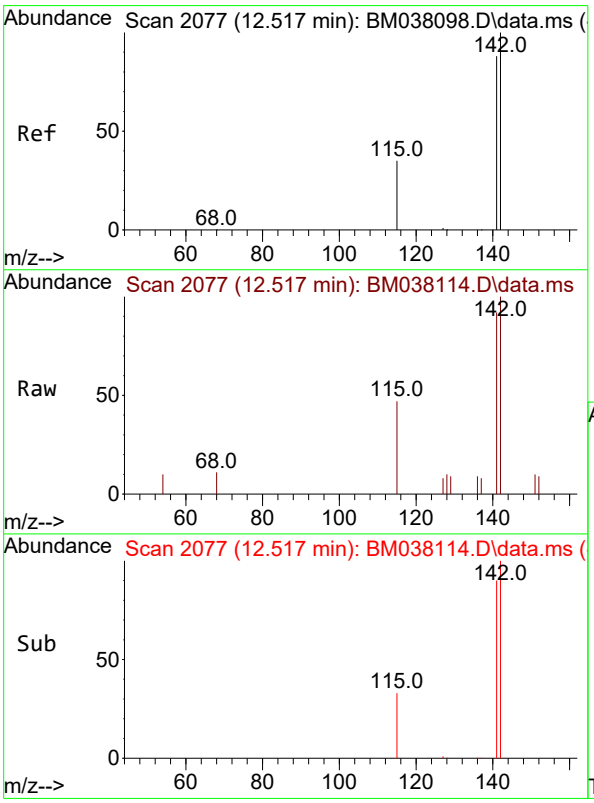
#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.917 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:128 Resp: 4611

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.1	13.7
127	14.9	10.4	15.6

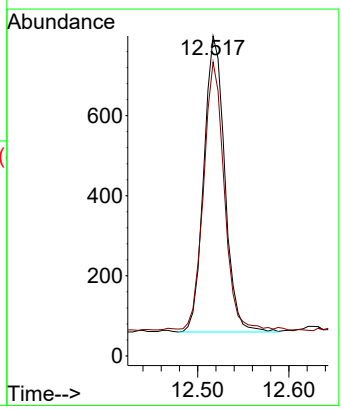


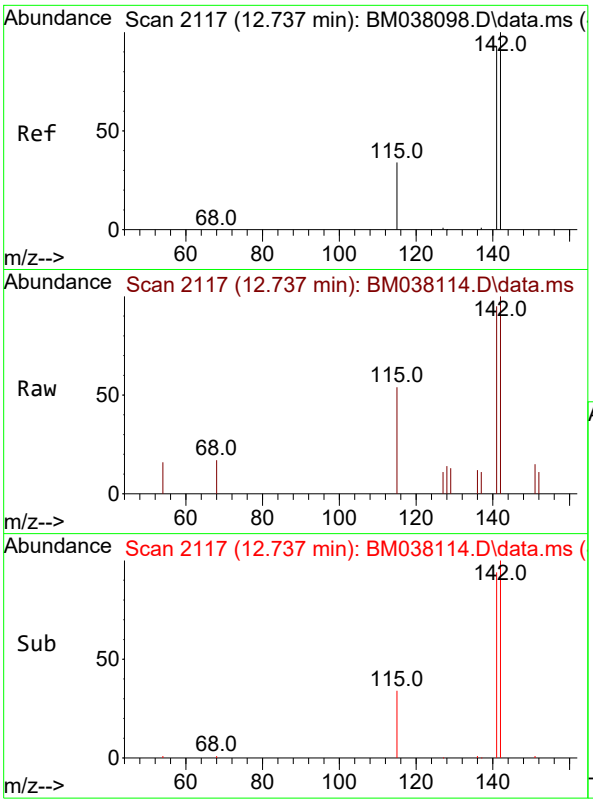


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:142 Resp: 1177

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.4	105.6



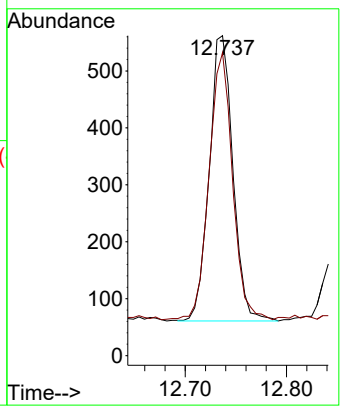


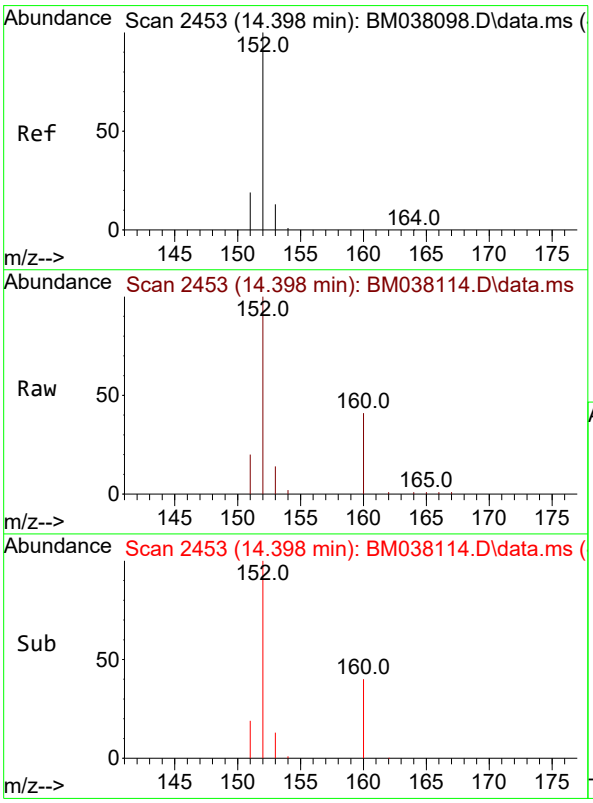
#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.737 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:142 Resp: 812

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.6	110.4

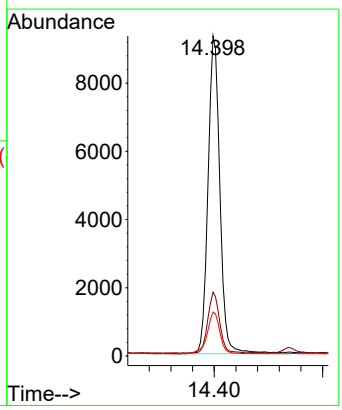


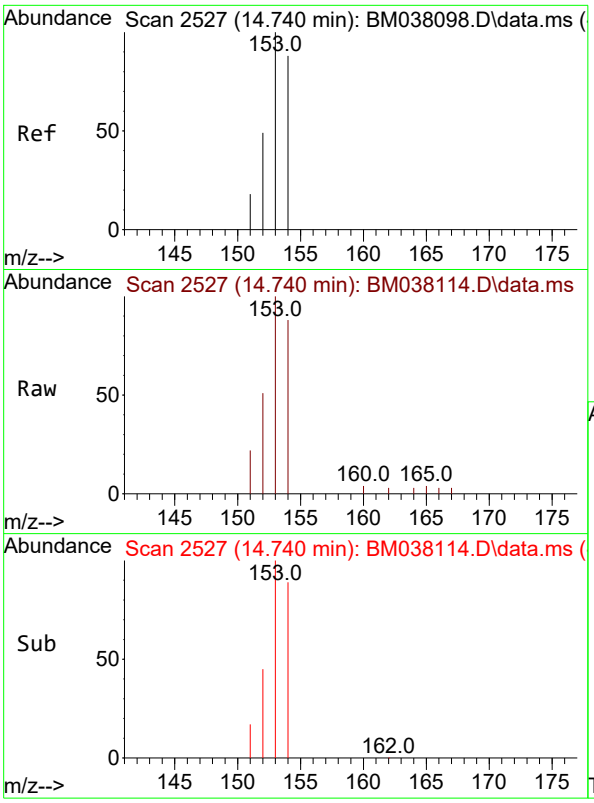


#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:152 Resp: 14149

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.7	11.0	16.4



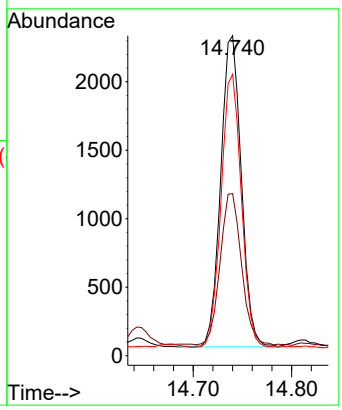


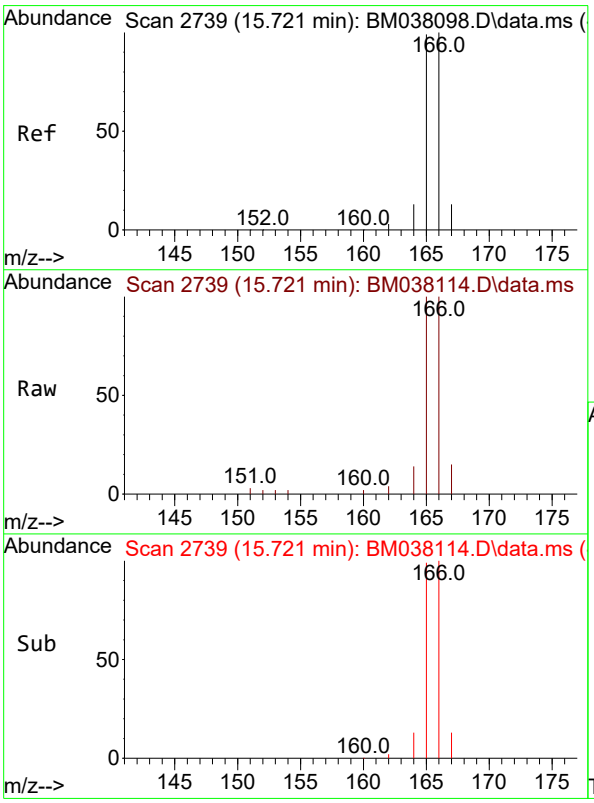
#11
Acenaphthene
Concen: 0.094 ng/ul
RT: 14.740 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:153 Resp: 3304

Ion	Ratio	Lower	Upper
153	100		
152	50.7	39.5	59.3
154	87.9	69.2	103.8

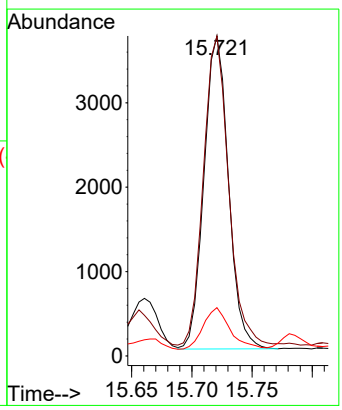


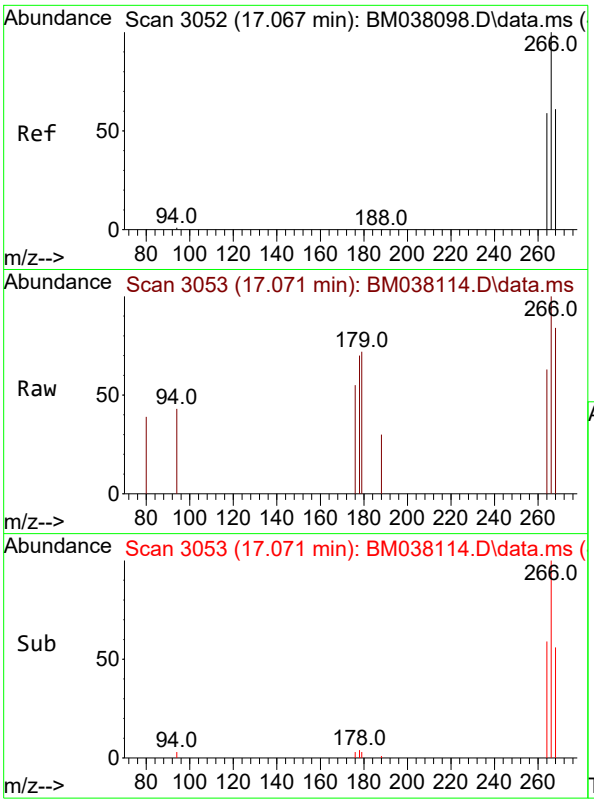


#12
Fluorene
Concen: 0.134 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:166 Resp: 5235

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.0	118.4
167	15.1	11.1	16.7



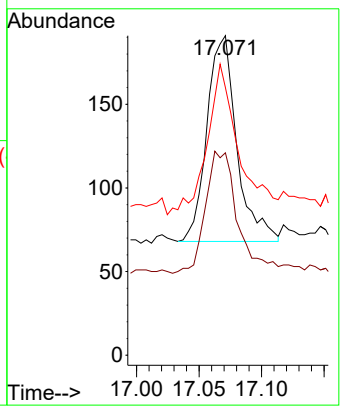


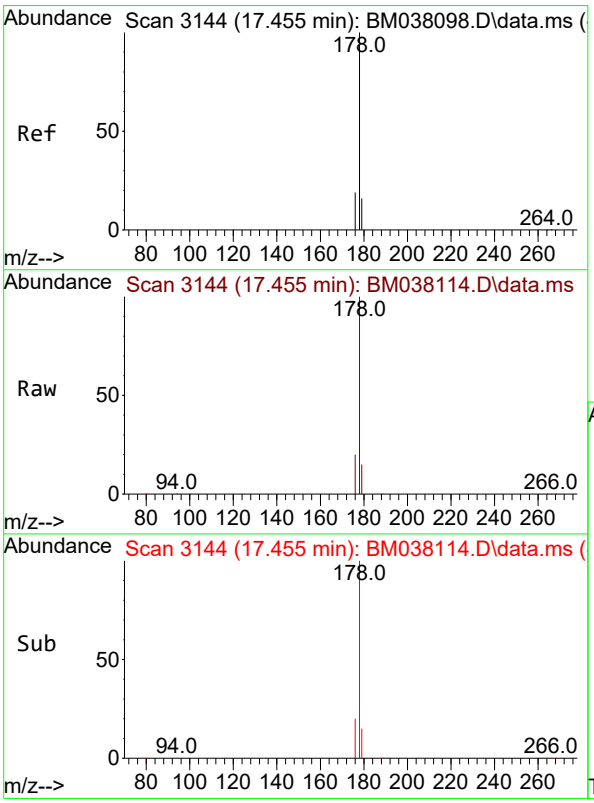
#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 17.071 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:266 Resp: 204

Ion	Ratio	Lower	Upper
266	100		
264	65.7	49.9	74.9
268	77.0	52.0	78.0

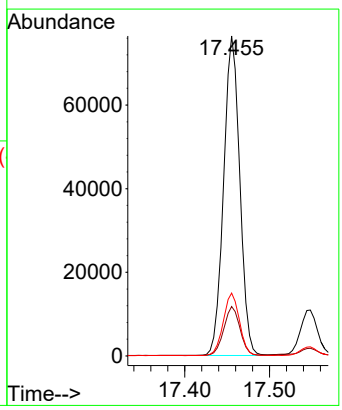


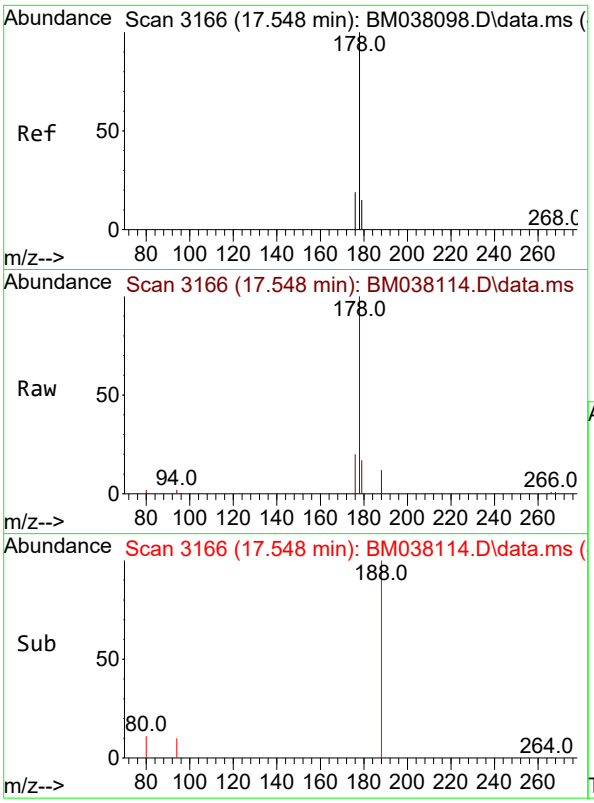


#15
Phenanthrene
Concen: 1.681 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:178 Resp: 101163

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.7	15.8	23.6



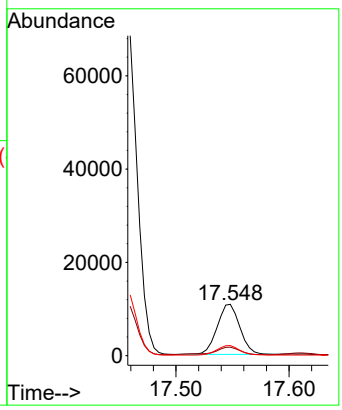


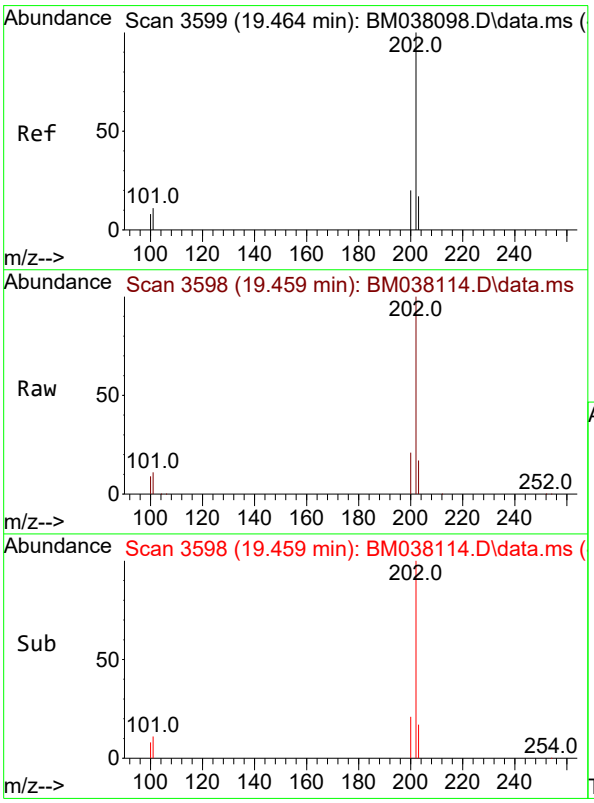
#16
Anthracene
Concen: 0.268 ng/ul
RT: 17.548 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:178 Resp: 14899

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.8	15.0	22.4

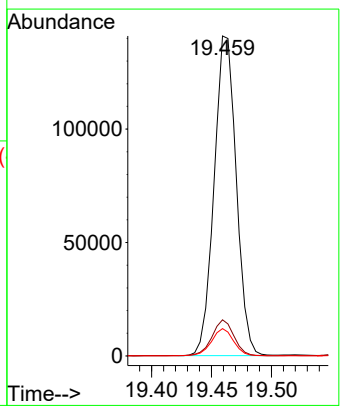


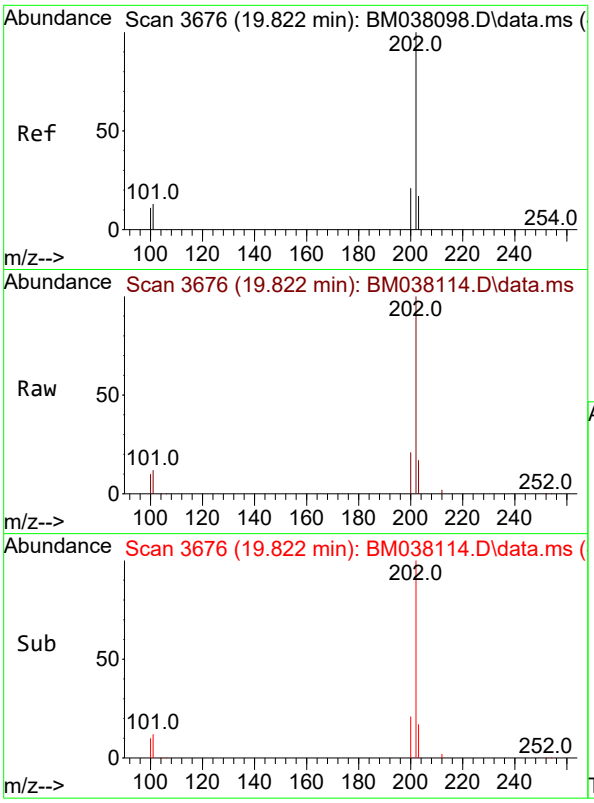


#19
Fluoranthene
Concen: 2.649 ng/ul
RT: 19.459 min Scan# 3598
Delta R.T. -0.005 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:202 Resp: 181691

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.6	15.8
100	8.5	7.9	11.9



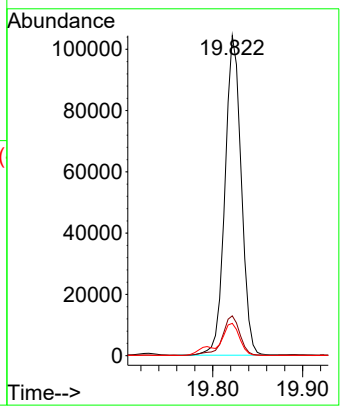


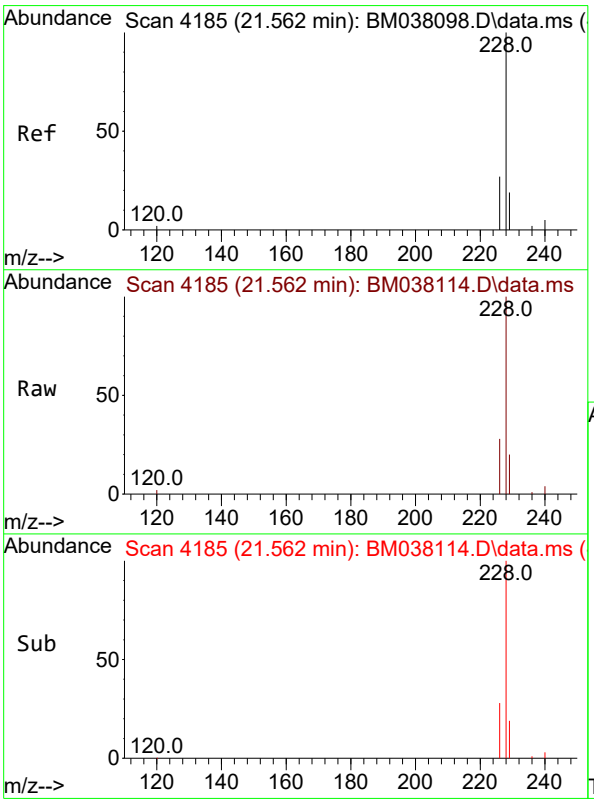
#20
Pyrene
Concen: 1.871 ng/ul
RT: 19.822 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:202 Resp: 131013

Ion	Ratio	Lower	Upper
202	100		
101	12.4	12.1	18.1
100	10.1	9.8	14.6

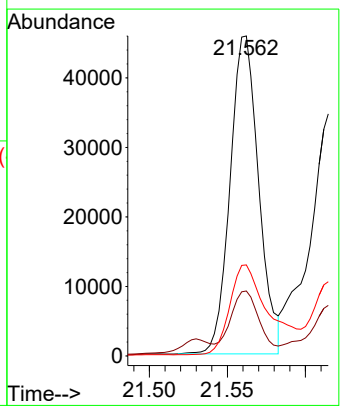


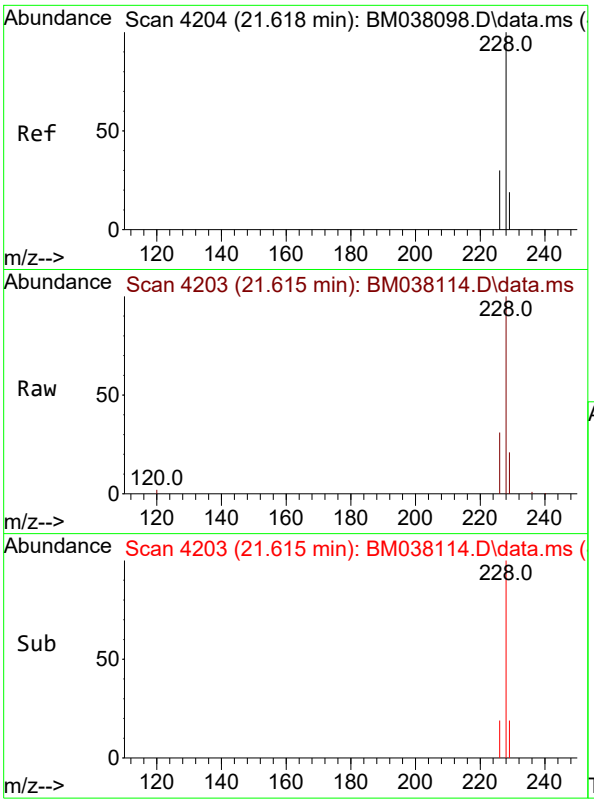


#21
Benzo(a)anthracene
Concen: 1.020 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:228 Resp: 58511

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	28.4	22.1	33.1



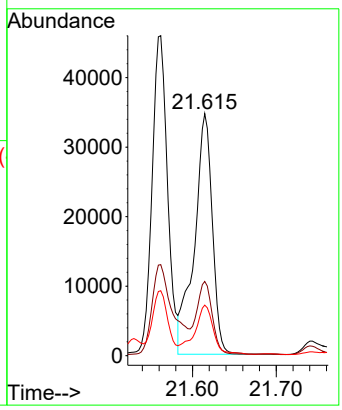


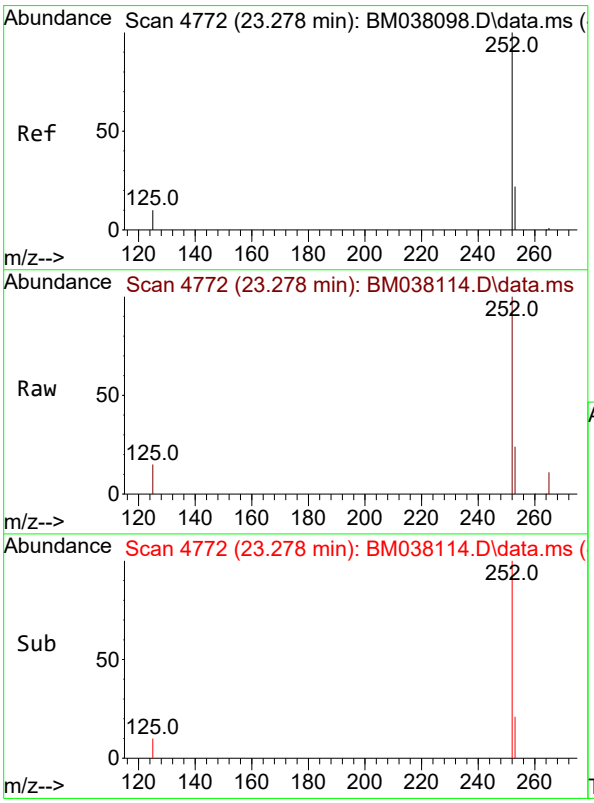
#22
Chrysene
Concen: 0.892 ng/ul
RT: 21.615 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:228 Resp: 51612

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.9	15.7	23.5

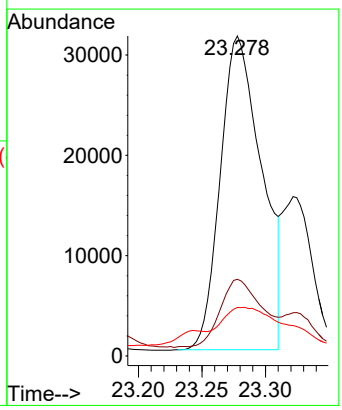


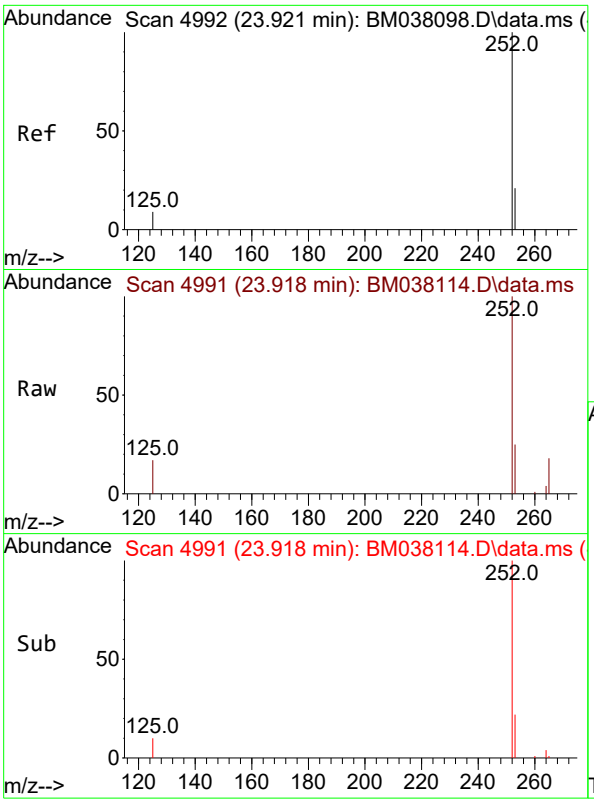


#24
Benzo(b)fluoranthene
Concen: 1.163 ng/ul
RT: 23.278 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:252 Resp: 70878

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	51.8
125	15.1	0.0	42.2



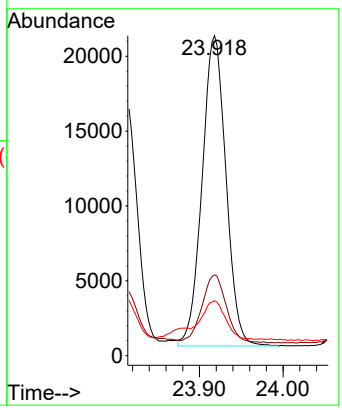


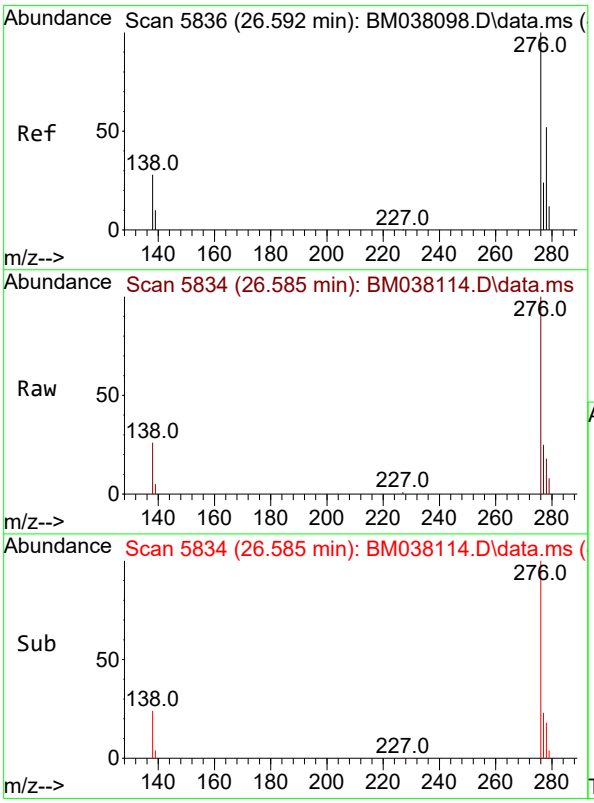
#26
Benzo(a)pyrene
Concen: 0.801 ng/ul
RT: 23.918 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:252 Resp: 41115

Ion	Ratio	Lower	Upper
252	100		
253	25.3	21.9	32.9
125	17.2	20.7	31.1#

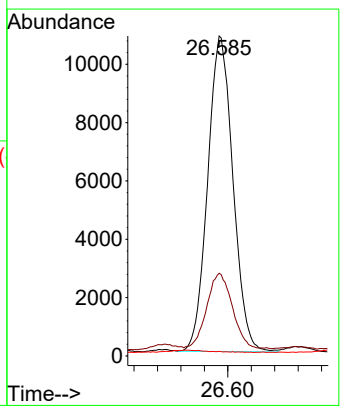


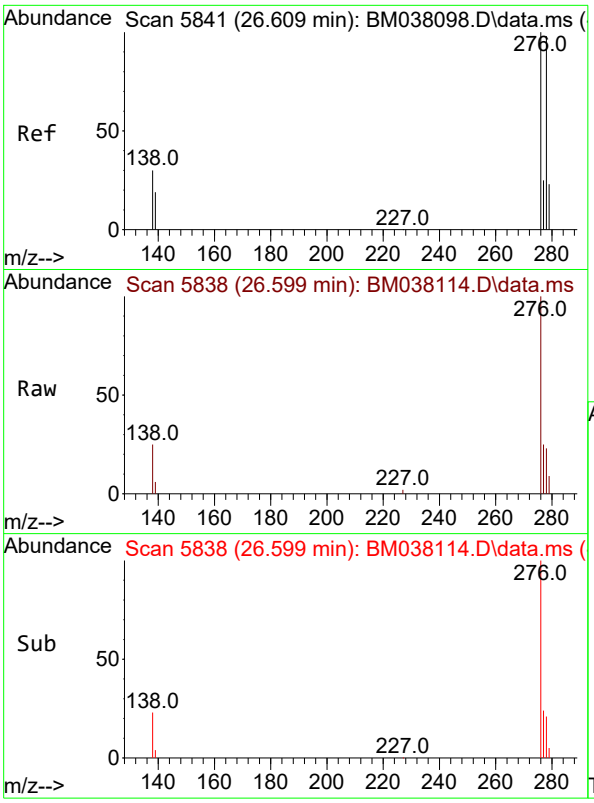


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.013 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:276 Resp: 32386

Ion	Ratio	Lower	Upper
276	100		
138	25.0	26.6	40.0#
227	0.0	0.1	0.1#



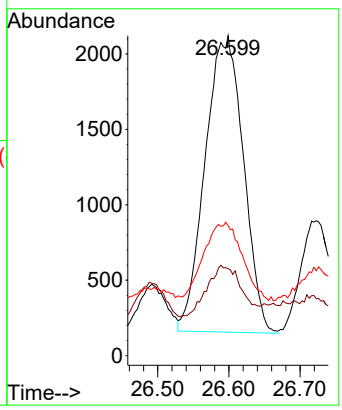


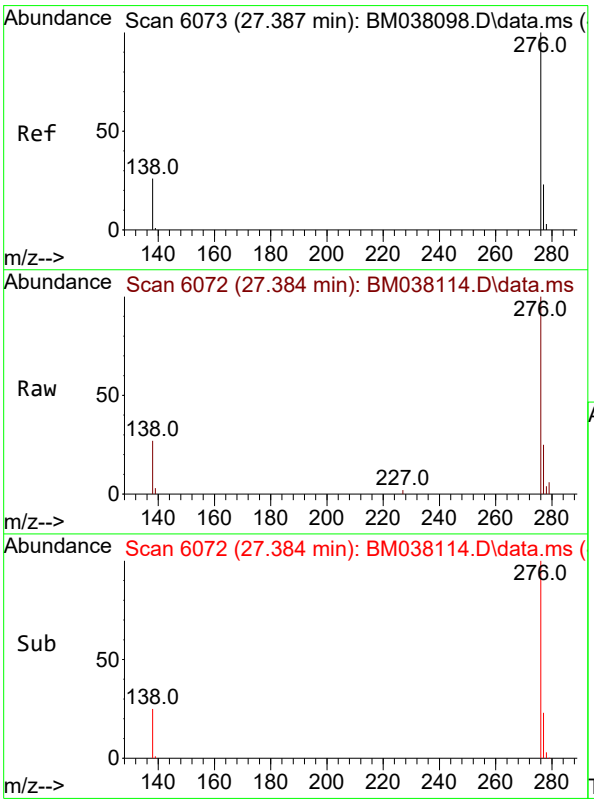
#28
Dibenzo(a,h)anthracene
Concen: 0.146 ng/ul
RT: 26.599 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Instrument :
BNA_M
ClientSampleId :
DBYC9DL

Tgt Ion:278 Resp: 7341

Ion	Ratio	Lower	Upper
278	100		
139	27.2	19.0	28.6
279	40.6	22.4	33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. -0.010 min
Lab File: BM038114.D
Acq: 19 Dec 2022 22:13

Tgt Ion:276 Resp: 24531

Ion	Ratio	Lower	Upper
276	100		
138	27.2	24.1	36.1
277	24.8	19.0	28.6