Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046266.D
Acq On : 24 Jun 2024 22:59
Operator : MA/JU
Sample : P2776-20DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Quant Time: Jun 25 02:28:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2599	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.205	136	7673	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.058	164	4433	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.804	188	8921	0.400	ng/ul	-0.06
17) Chrysene-d12	20.997	240	7380	0.400	ng/ul	-0.05
23) Perylene-d12	23.089	264	9473	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2445	0.686	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.839	152	516	0.050	ng/ul	-0.03
18) Fluoranthene-d10	18.830	212	1242	0.056	ng/ul	-0.05
Target Compounds						Qvalue
5) Naphthalene	10.255	128	3513	0.164	ng/ul#	92
7) 2-Methylnaphthalene	11.899	142	1179	0.098	ng/ul	97
8) 1-Methylnaphthalene	12.108	142	1038	0.079	ng/ul	98
10) Acenaphthylene	13.781	152	6552	0.312	ng/ul	98
11) Acenaphthene	14.123	153	4645	0.306	ng/ul	99
12) Fluorene	15.122	166	5083	0.312	ng/ul	100
15) Phenanthrene	16.842	178	117819	4.701	ng/ul	95
16) Anthracene	16.935	178	21803	1.168	ng/ul	96
19) Fluoranthene	18.858	202	265618	8.312	ng/ul	97
20) Pyrene	19.225	202	186380	5.393	ng/ul	94
21) Benzo(a)anthracene	20.982	228	109435	3.839	ng/ul	99
22) Chrysene	21.032	228	114978	3.161	ng/ul	100
24) Benzo(b)fluoranthene	22.475	252	227116	6.655	ng/ul	83
25) Benzo(k)fluoranthene	22.630	252	16681	0.411	ng/ul	98
26) Benzo(a)pyrene	22.996	252	59012	1.866	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.128	276	60290	1.165	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.132	278	18736	0.486	ng/ul	98
29) Benzo(g,h,i)perylene	25.749	276	8807	0.198	ng/ul	93

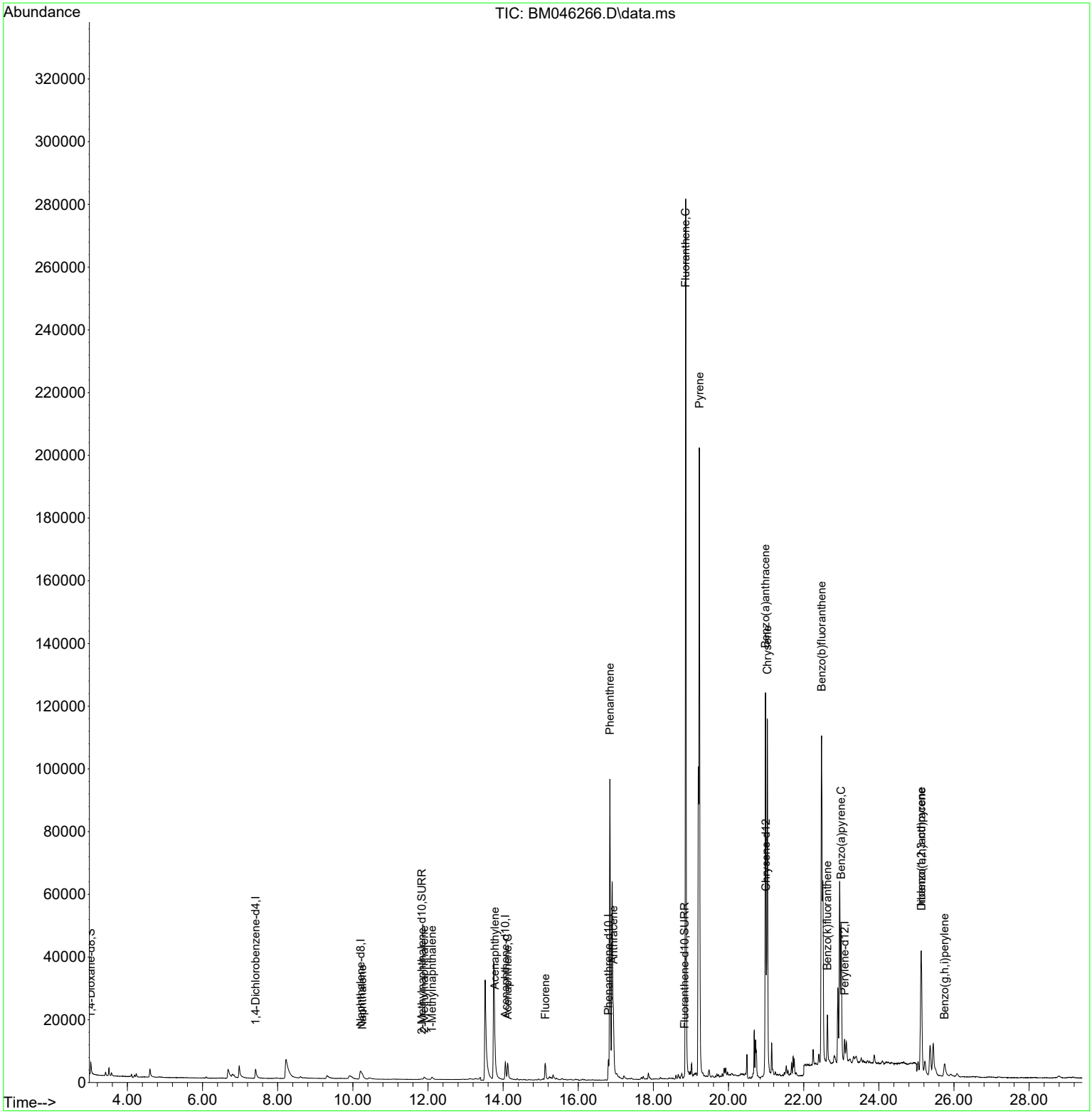
(#) = qualifier out of range (m) = manual integration (+) = signals summed

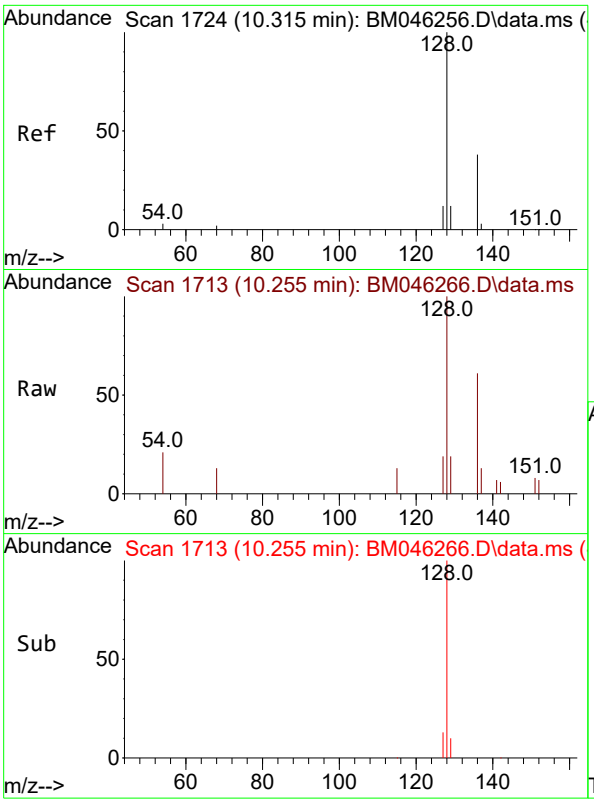
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046266.D
Acq On : 24 Jun 2024 22:59
Operator : MA/JU
Sample : P2776-20DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Quant Time: Jun 25 02:28:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration



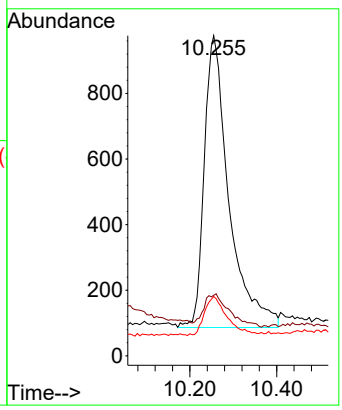


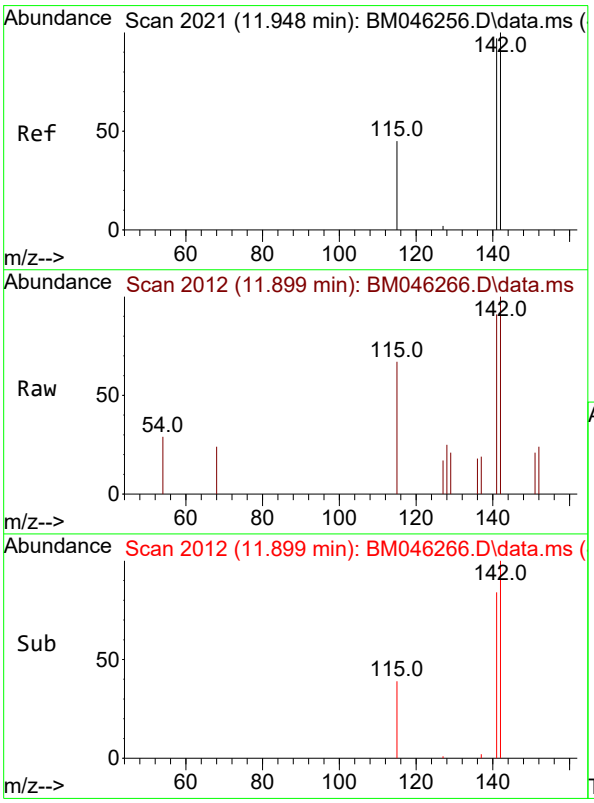
#5
Naphthalene
Concen: 0.164 ng/ul
RT: 10.255 min Scan# 1
Delta R.T. -0.048 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:128 Resp: 3513

Ion	Ratio	Lower	Upper
128	100		
129	18.9	11.8	17.6#
127	18.5	12.8	19.2

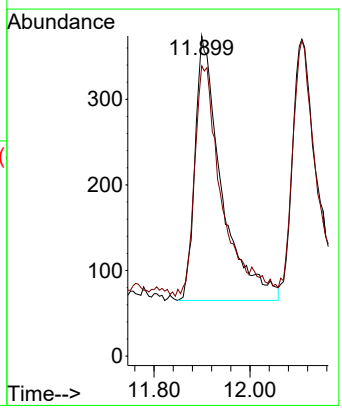


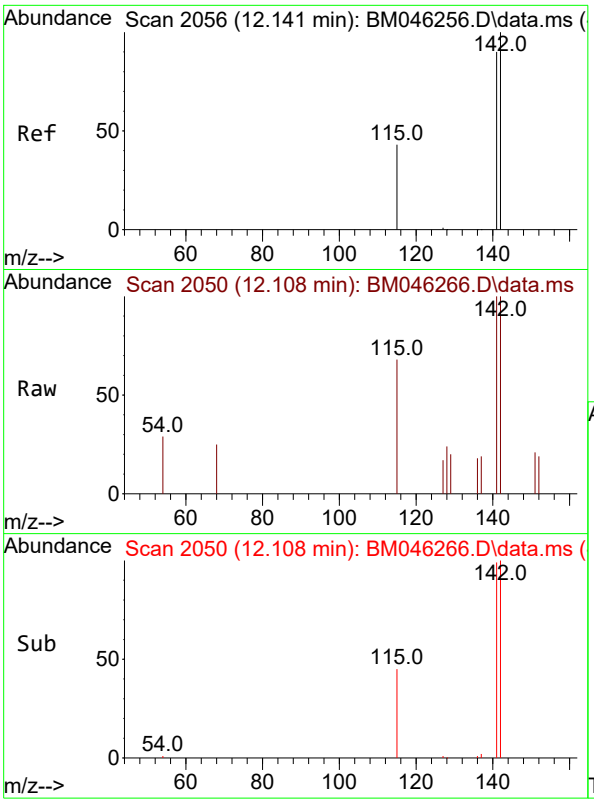


#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.048 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:142 Resp: 1179

Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.6	111.8



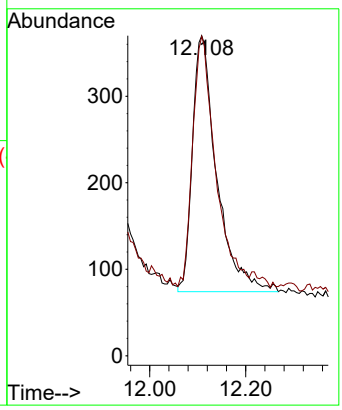


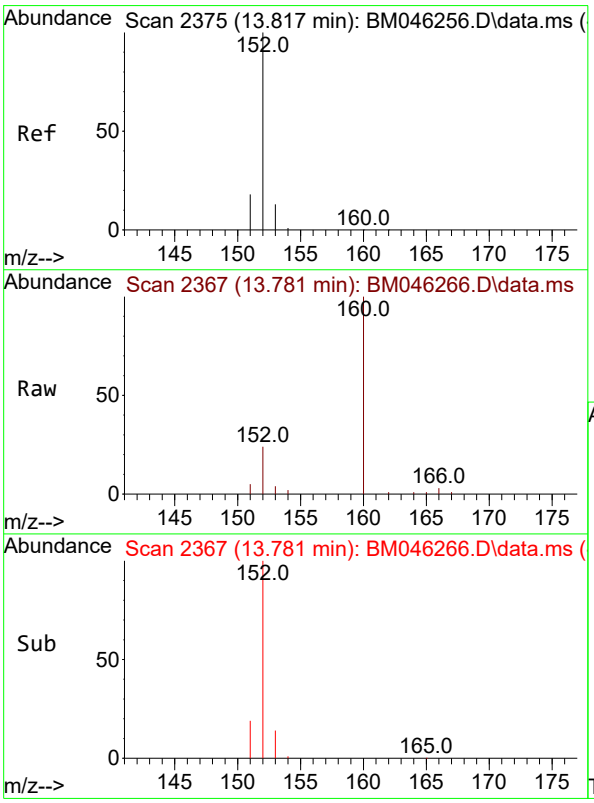
#8
1-Methylnaphthalene
Concen: 0.079 ng/ul
RT: 12.108 min Scan# 2
Delta R.T. -0.042 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:142 Resp: 1038

Ion	Ratio	Lower	Upper
142	100		
141	91.9	75.2	112.8

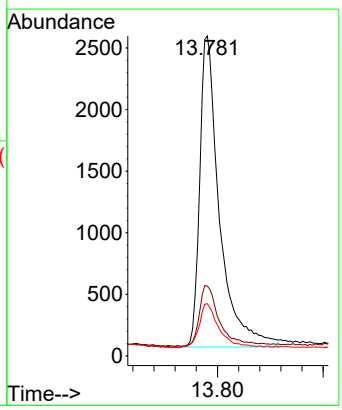


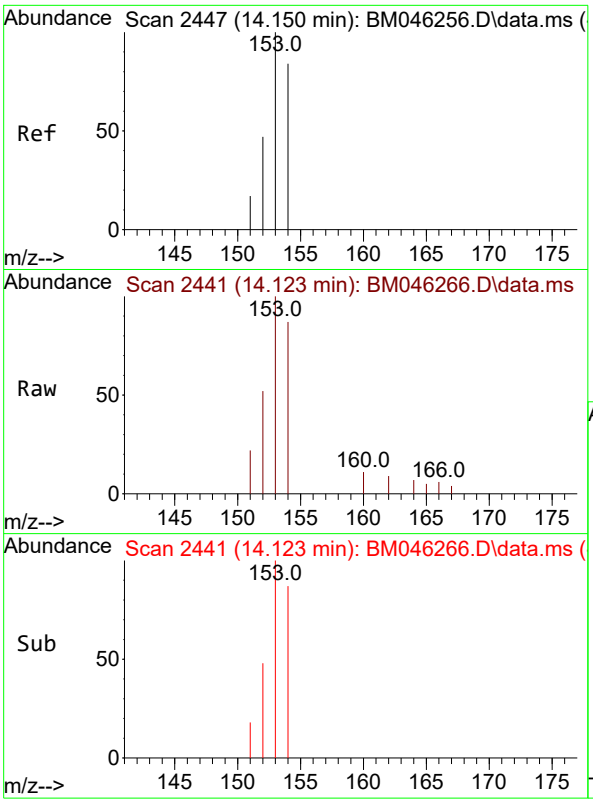


#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 13.781 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:152 Resp: 6552

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.4	26.2
153	16.4	11.8	17.8



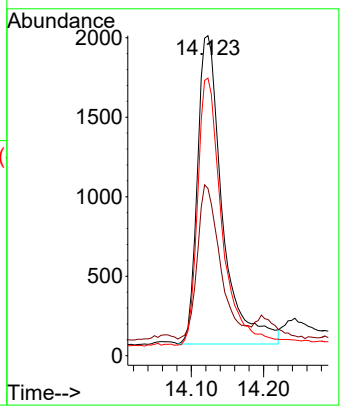


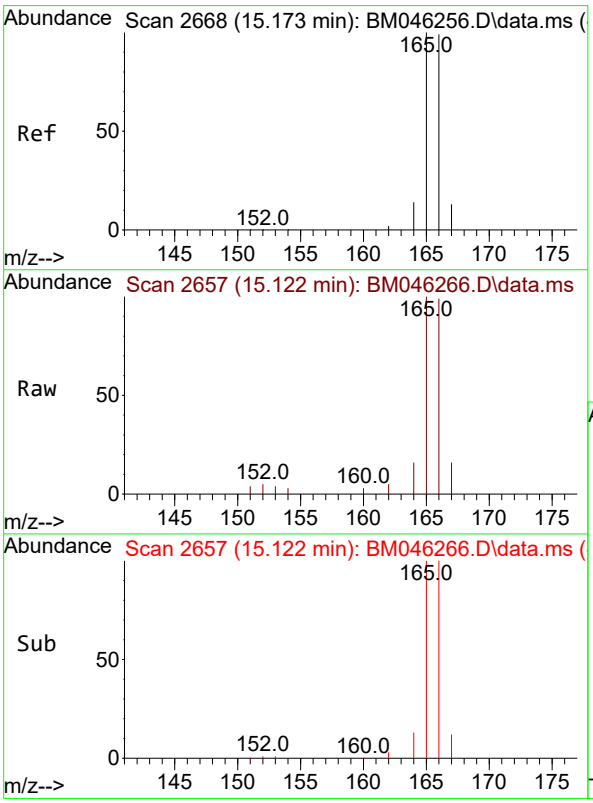
#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.123 min Scan# 24
Delta R.T. -0.049 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:153 Resp: 4645

Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.3	61.9
154	86.7	68.2	102.4

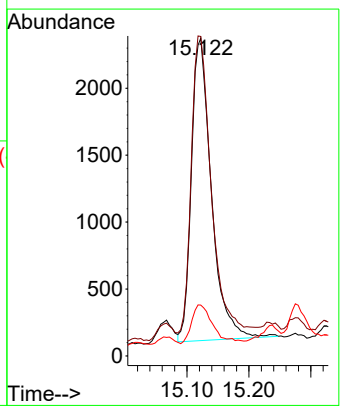


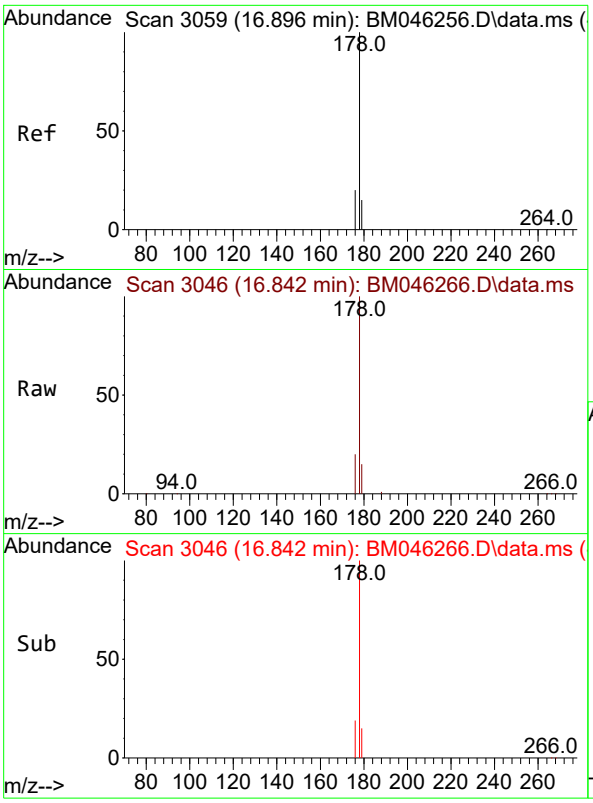


#12
Fluorene
Concen: 0.312 ng/ul
RT: 15.122 min Scan# 2657
Delta R.T. -0.059 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:166 Resp: 5083

Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.4	120.6
167	16.0	12.4	18.6



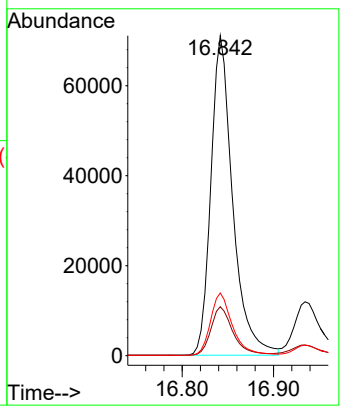


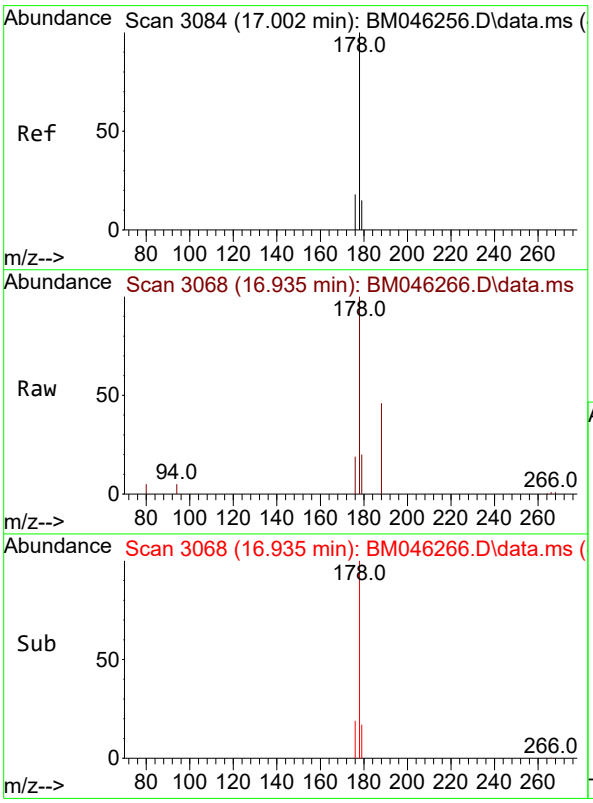
#15
Phenanthrene
Concen: 4.701 ng/ul
RT: 16.842 min Scan# 3
Delta R.T. -0.062 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:178 Resp: 117819

Ion	Ratio	Lower	Upper
178	100		
179	15.3	14.2	21.2
176	19.6	17.1	25.7

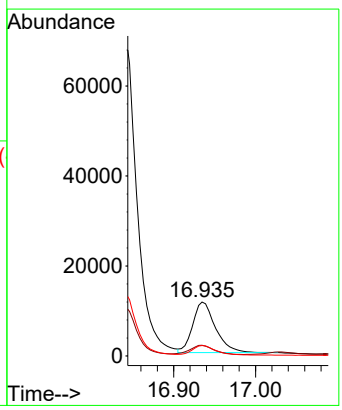


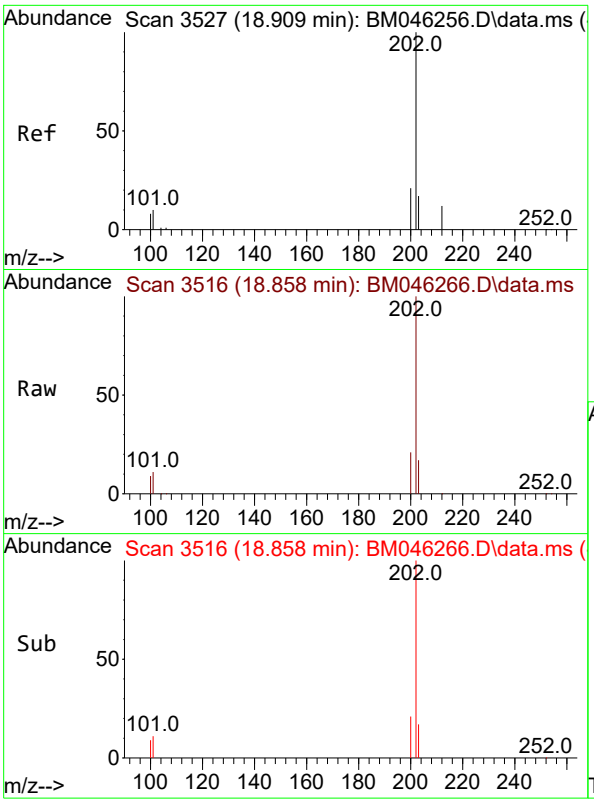


#16
Anthracene
Concen: 1.168 ng/ul
RT: 16.935 min Scan# 3068
Delta R.T. -0.070 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:178 Resp: 21803

Ion	Ratio	Lower	Upper
178	100		
179	19.8	14.9	22.3
176	19.2	17.0	25.4



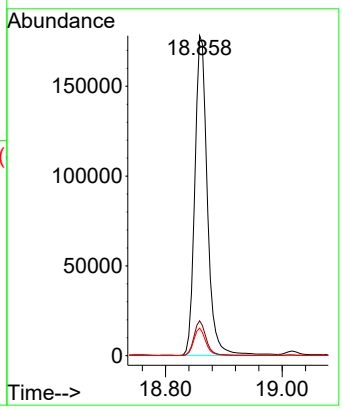


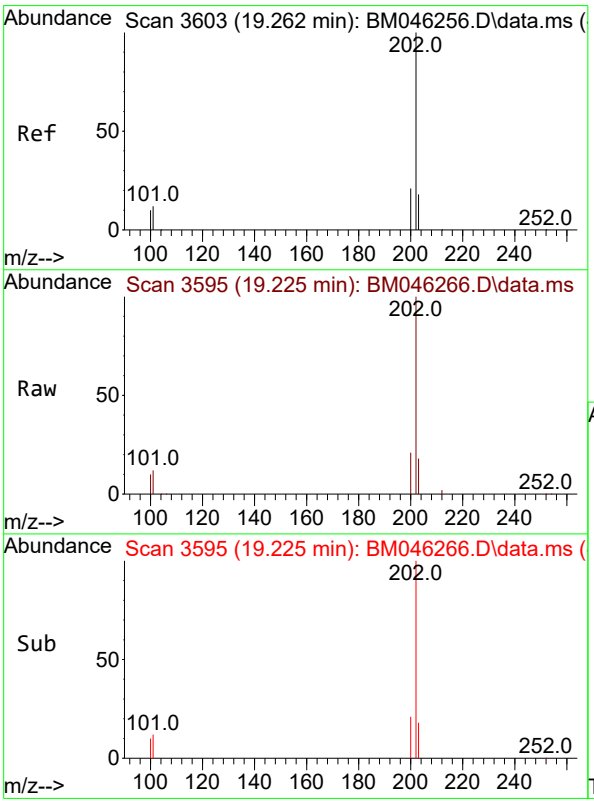
#19
Fluoranthene
Concen: 8.312 ng/ul
RT: 18.858 min Scan# 3
Delta R.T. -0.059 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:202 Resp: 265618

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.6	14.4
100	8.6	7.6	11.4

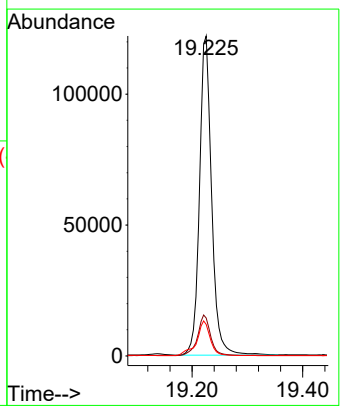


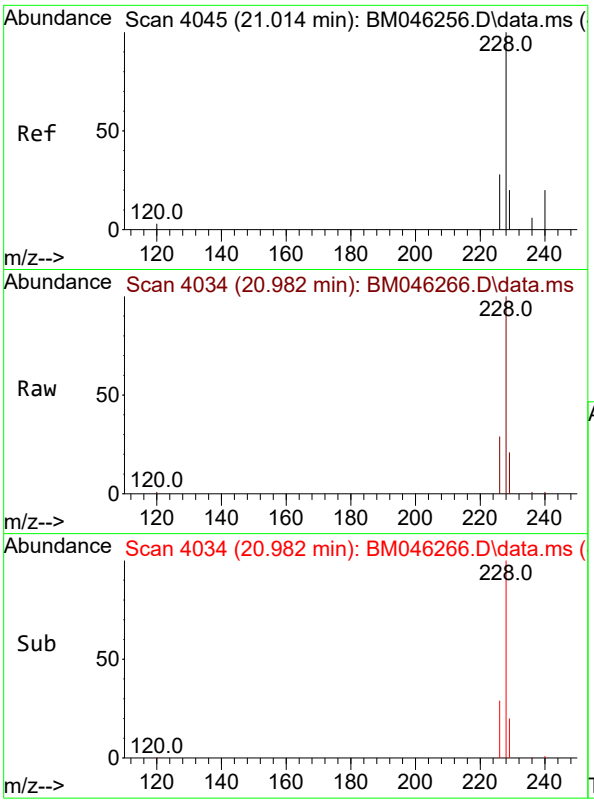


#20
Pyrene
Concen: 5.393 ng/ul
RT: 19.225 min Scan# 3595
Delta R.T. -0.050 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:202 Resp: 186380

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.3	16.9
100	9.9	9.8	14.6



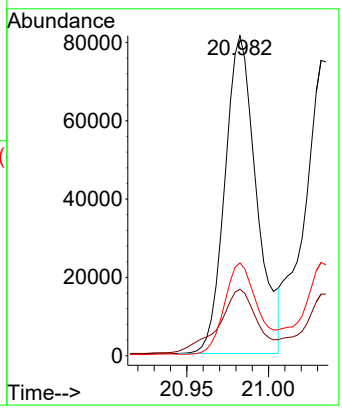


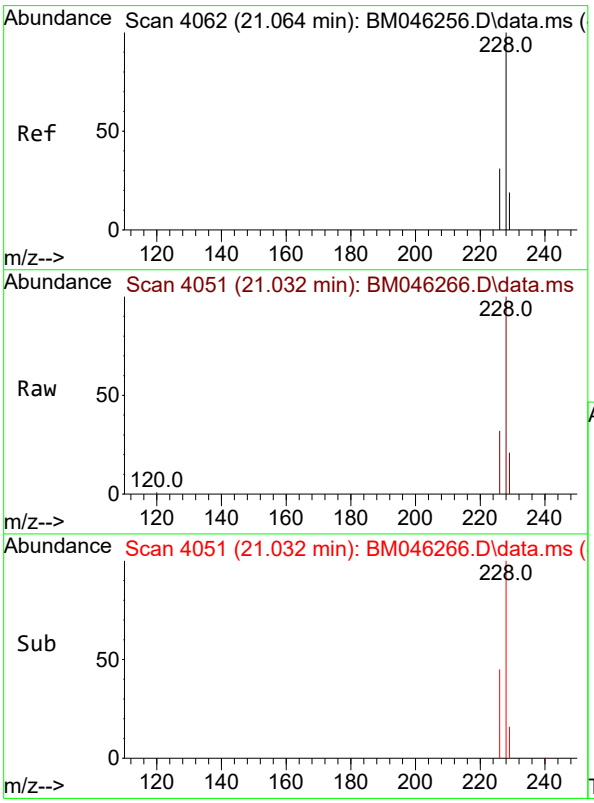
#21
Benzo(a)anthracene
Concen: 3.839 ng/ul
RT: 20.982 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:228 Resp: 109435

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.4	24.6
226	29.0	23.4	35.2

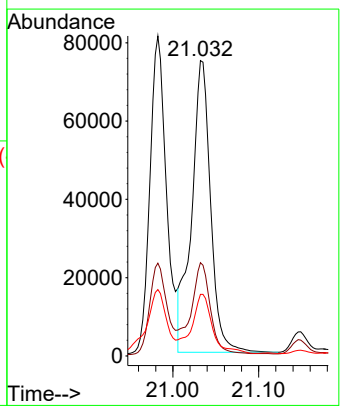


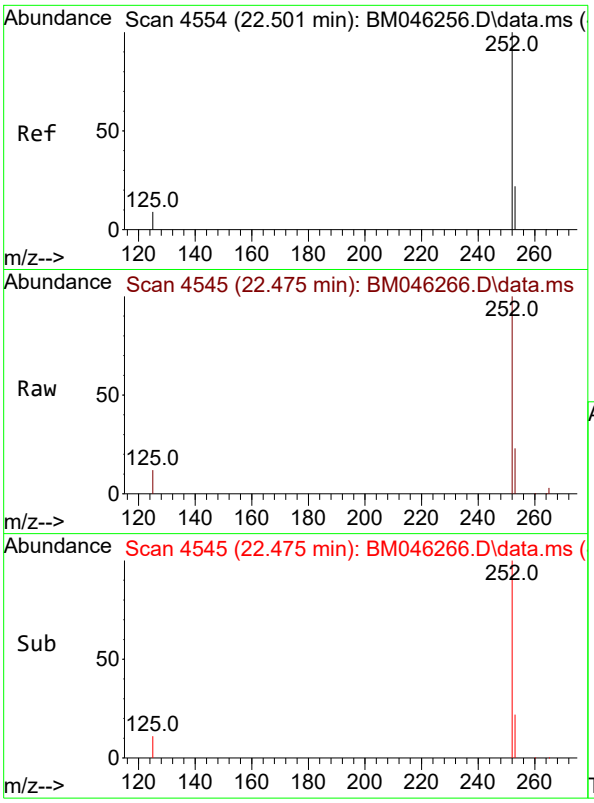


#22
Chrysene
Concen: 3.161 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.044 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:228 Resp: 114978

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.2	37.8
229	20.9	16.3	24.5



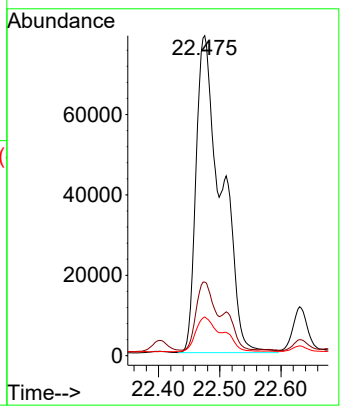


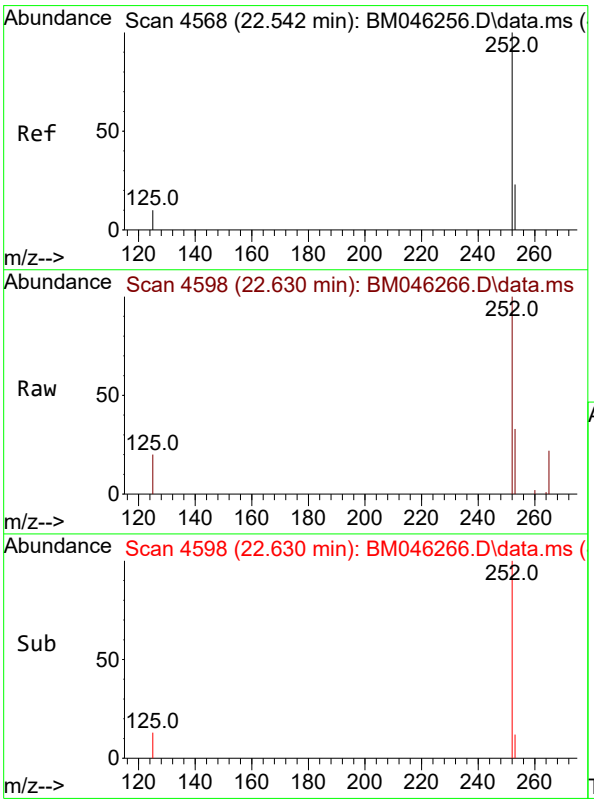
#24
Benzo(b)fluoranthene
Concen: 6.655 ng/ul
RT: 22.475 min Scan# 4
Delta R.T. -0.044 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:252 Resp: 227116

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	65.8
125	12.1	0.0	40.2

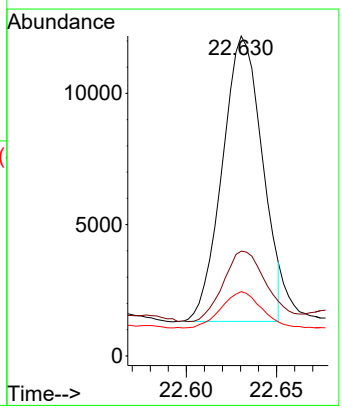


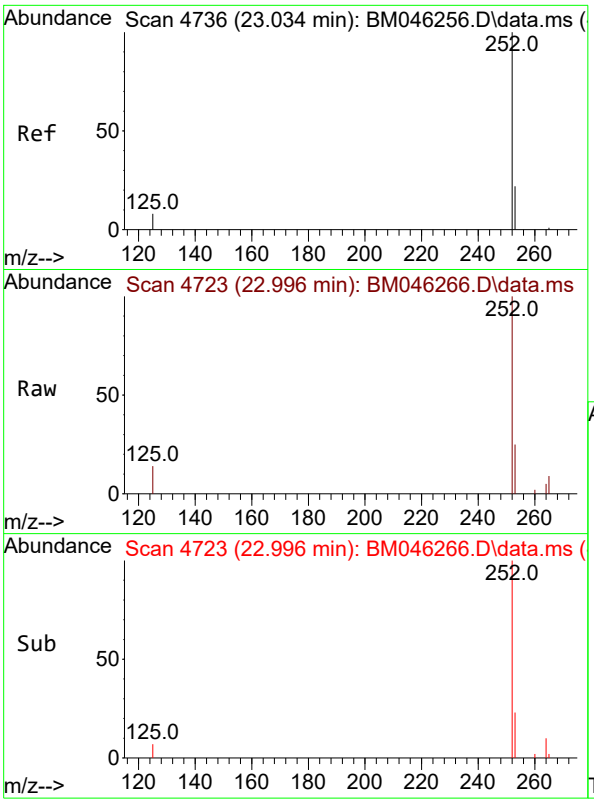


#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 22.630 min Scan# 4598
Delta R.T. 0.067 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:252 Resp: 16681

Ion	Ratio	Lower	Upper
252	100		
253	32.7	27.2	40.8
125	20.1	16.6	25.0



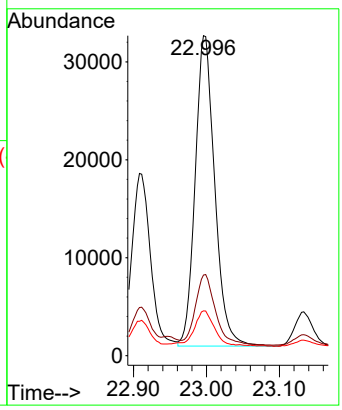


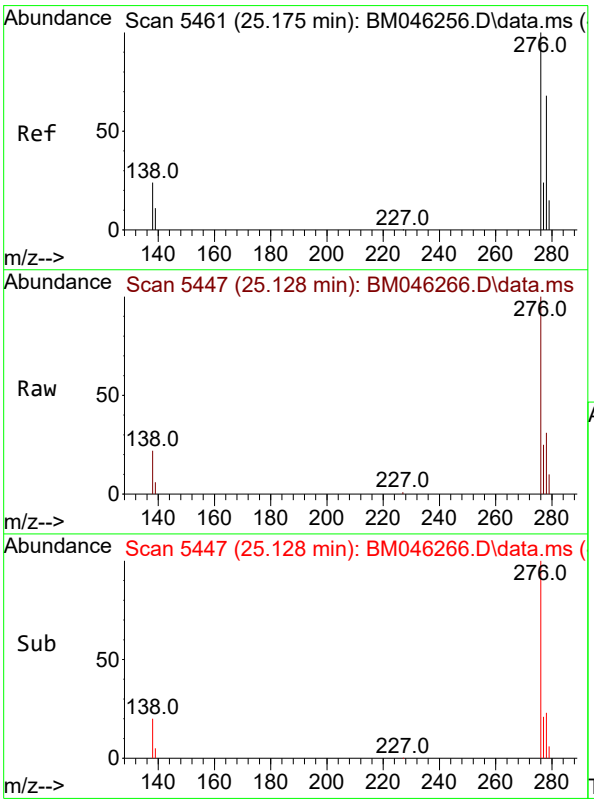
#26
Benzo(a)pyrene
Concen: 1.866 ng/ul
RT: 22.996 min Scan# 4
Delta R.T. -0.059 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:252 Resp: 59012

Ion	Ratio	Lower	Upper
252	100		
253	25.2	32.1	48.1#
125	14.0	21.2	31.8#

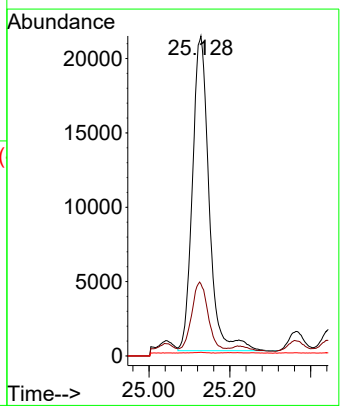


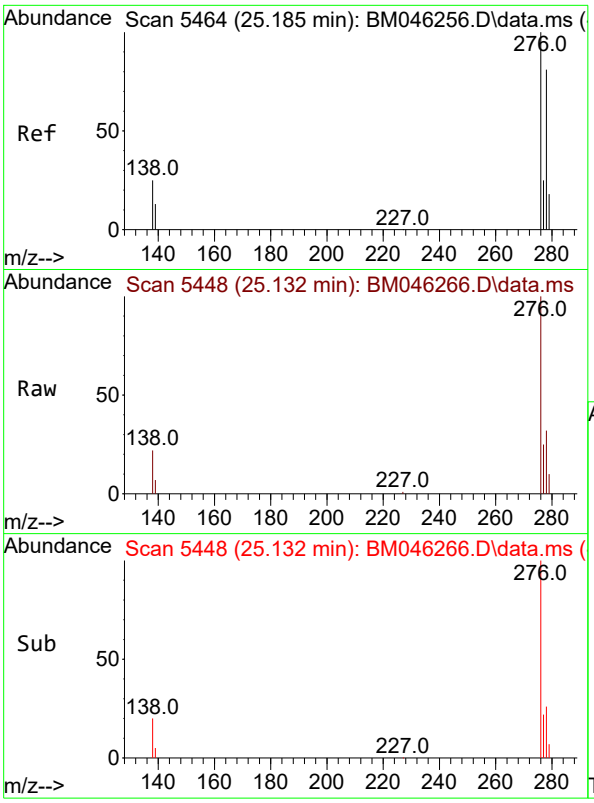


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.165 ng/ul
RT: 25.128 min Scan# 5447
Delta R.T. -0.074 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:276 Resp: 60290

Ion	Ratio	Lower	Upper
276	100		
138	25.6	21.0	31.4
227	6.7	0.0	0.0#



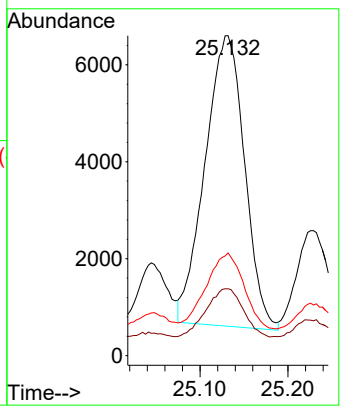


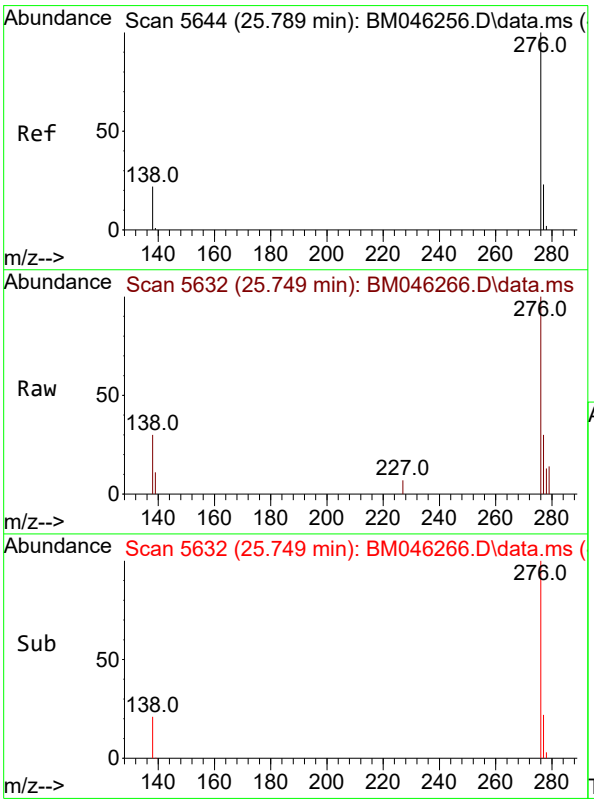
#28
Dibenzo(a,h)anthracene
Concen: 0.486 ng/ul
RT: 25.132 min Scan# 54
Delta R.T. -0.084 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Instrument :
BNA_M
ClientSampleId :
A4C73DL

Tgt Ion:278 Resp: 18736

Ion	Ratio	Lower	Upper
278	100		
139	20.9	17.6	26.4
279	32.1	26.3	39.5





#29
Benzo(g,h,i)perylene
Concen: 0.198 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.081 min
Lab File: BM046266.D
Acq: 24 Jun 2024 22:59

Tgt Ion:276 Resp: 8807

Ion	Ratio	Lower	Upper
276	100		
138	29.9	21.7	32.5
277	29.8	20.4	30.6