Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
Data File : BM045772.D
Acq On : 28 May 2024 22:15
Operator : MA/JU
Sample : SSTD3.244
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Quant Time: May 28 23:52:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 28 23:49:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	6924	0.400	ng/ul	0.00
4) Naphthalene-d8	10.255	136	20949	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.123	164	11043	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	21878	0.400	ng/ul	0.00
17) Chrysene-d12	21.058	240	14558	0.400	ng/ul	0.00
23) Perylene-d12	23.174	264	15856	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	27685	3.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.849	152	90425	3.130	ng/ul	0.00
18) Fluoranthene-d10	18.900	212	158221	4.281	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.092	88	27855	3.335	ng/ul#	79
5) Naphthalene	10.304	128	168048	3.027	ng/ul	99
7) 2-Methylnaphthalene	11.921	142	106044	3.109	ng/ul	98
8) 1-Methylnaphthalene	12.146	142	111268	3.085	ng/ul	100
10) Acenaphthylene	13.845	152	161443	3.072	ng/ul	98
11) Acenaphthene	14.187	153	113372	3.068	ng/ul	99
12) Fluorene	15.177	166	126950	3.019	ng/ul	99
14) Pentachlorophenol	16.563	266	4346	0.904	ng/ul	98
15) Phenanthrene	16.909	178	190020	3.094	ng/ul	99
16) Anthracene	17.002	178	180931	2.948	ng/ul	99
19) Fluoranthene	18.928	202	210743	4.055	ng/ul	99
20) Pyrene	19.290	202	215083	3.873	ng/ul	100
21) Benzo(a)anthracene	21.044	228	186231	3.232	ng/ul	99
22) Chrysene	21.093	228	178280	2.626	ng/ul	98
24) Benzo(b)fluoranthene	22.545	252	178917	2.754	ng/ul	77
25) Benzo(k)fluoranthene	22.586	252	181051	2.701	ng/ul#	81
26) Benzo(a)pyrene	23.080	252	155503	2.949	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	25.246	276	168363	2.594	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.259	278	123004	2.672	ng/ul#	82
29) Benzo(g,h,i)perylene	25.876	276	159577	2.632	ng/ul	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052824\
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Quant Time: May 28 23:52:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM052824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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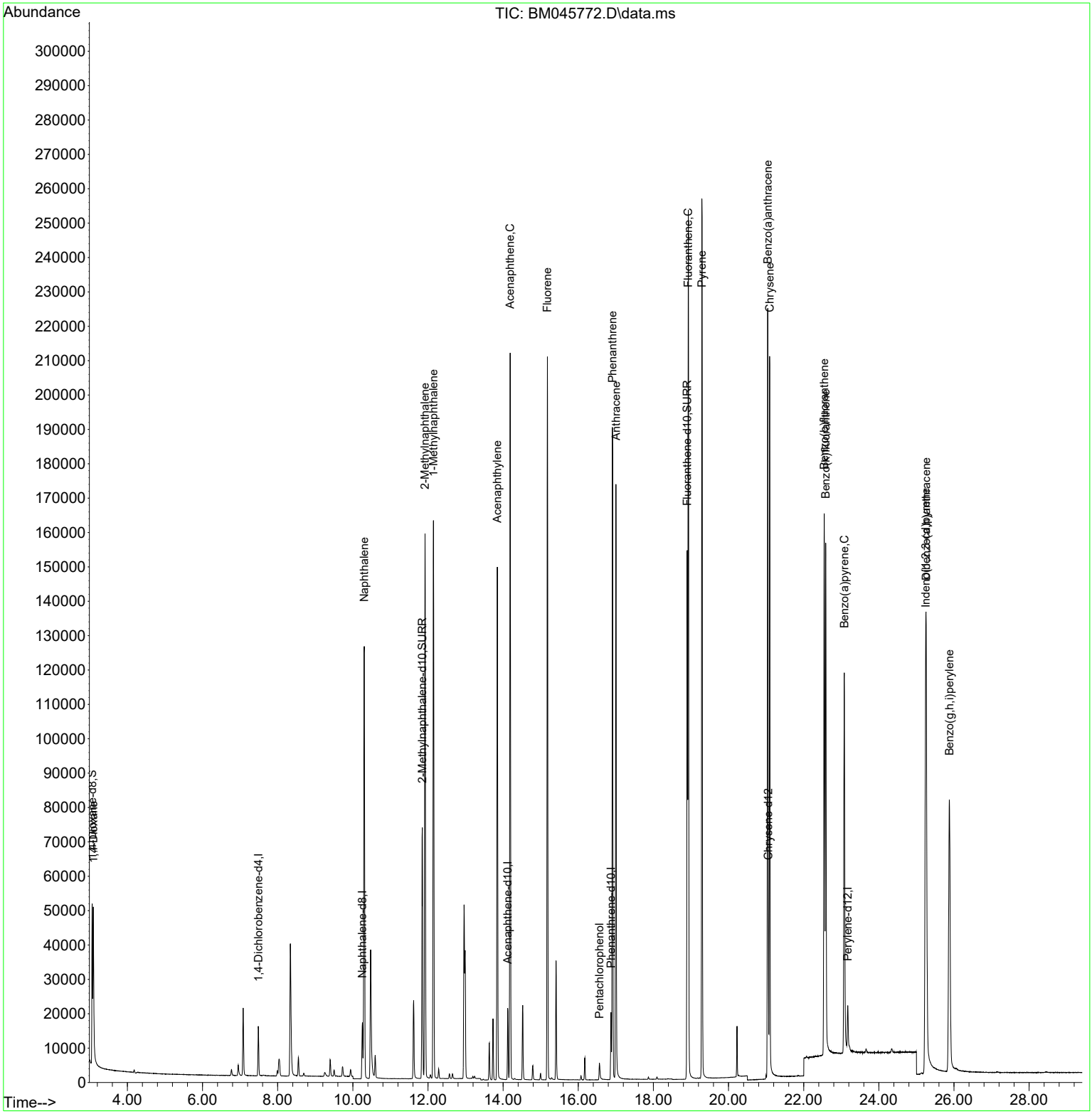
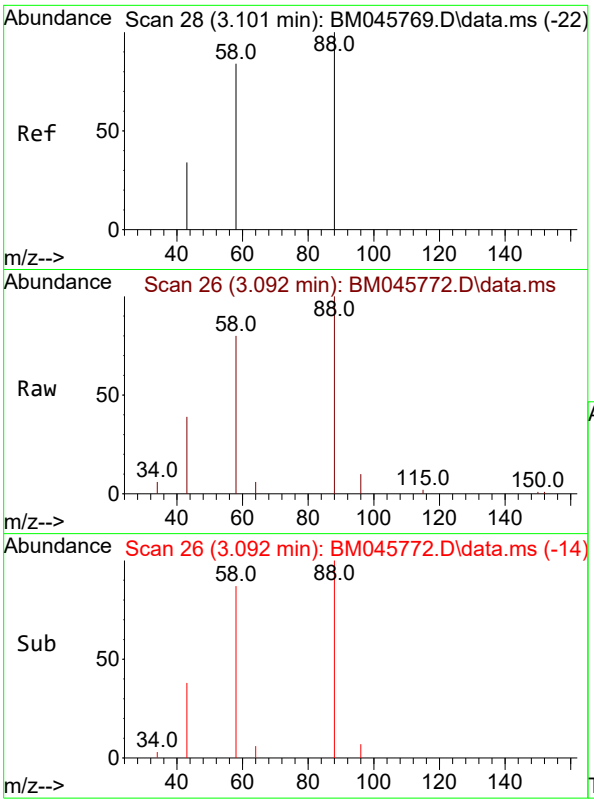
Response via : Initial Calibration



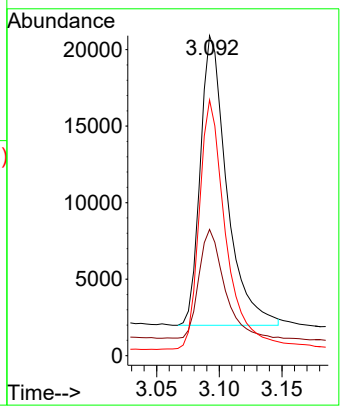


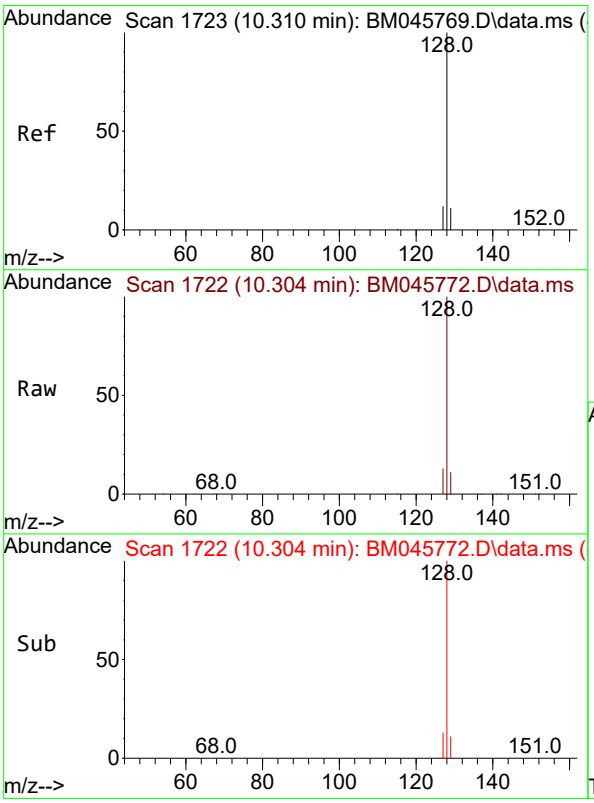
#2
1,4-Dioxane
Concen: 3.335 ng/ul
RT: 3.092 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion: 88 Resp: 27855

Ion	Ratio	Lower	Upper
88	100		
43	39.5	38.4	57.6
58	79.9	47.0	70.6#

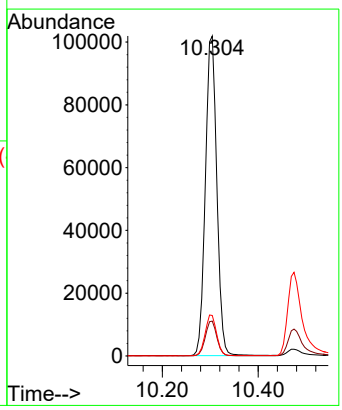


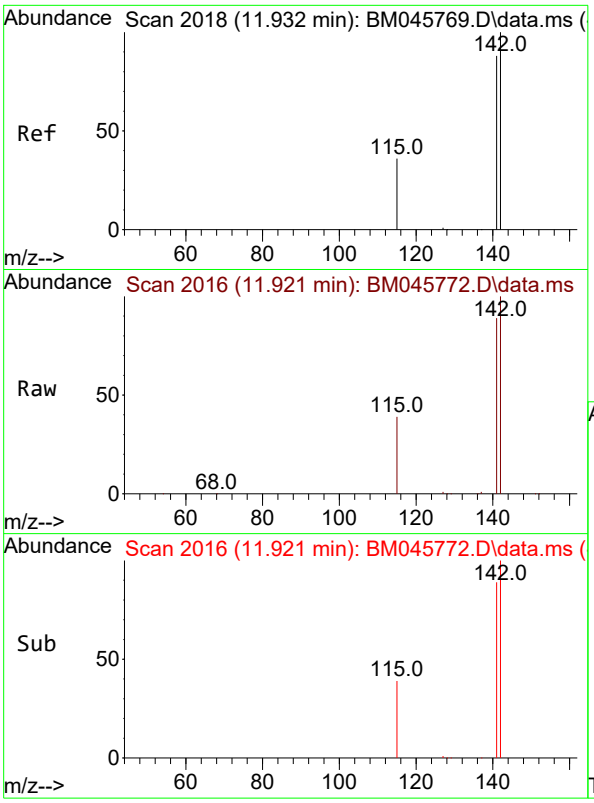


#5
Naphthalene
Concen: 3.027 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:128 Resp: 168048

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.7	10.3	15.5



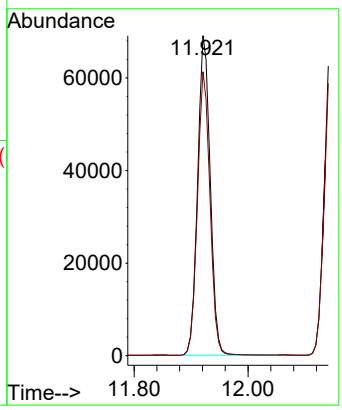


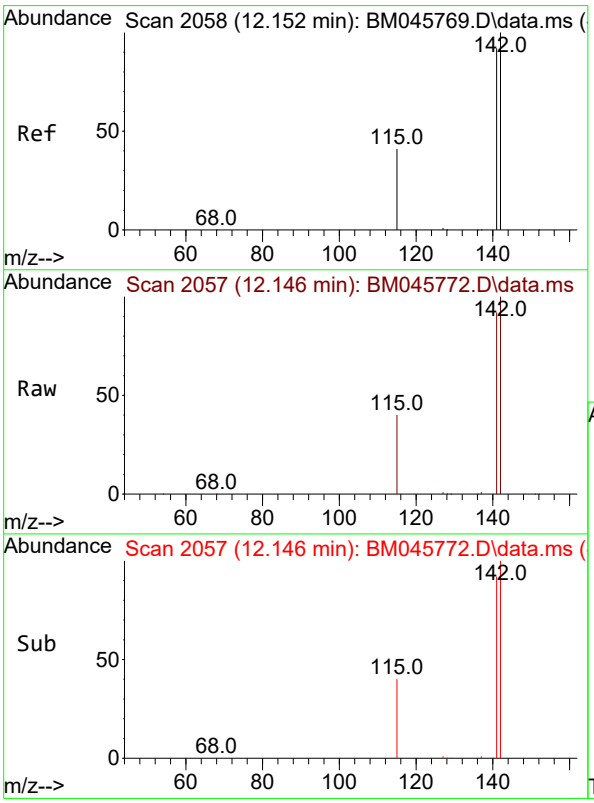
#7
2-Methylnaphthalene
Concen: 3.109 ng/ul
RT: 11.921 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:142 Resp: 106044

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9

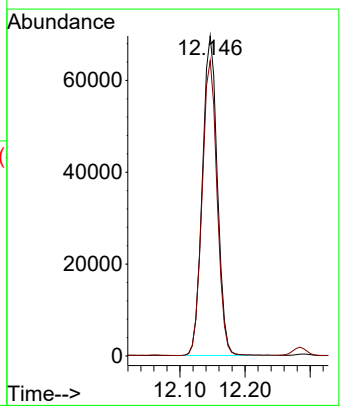


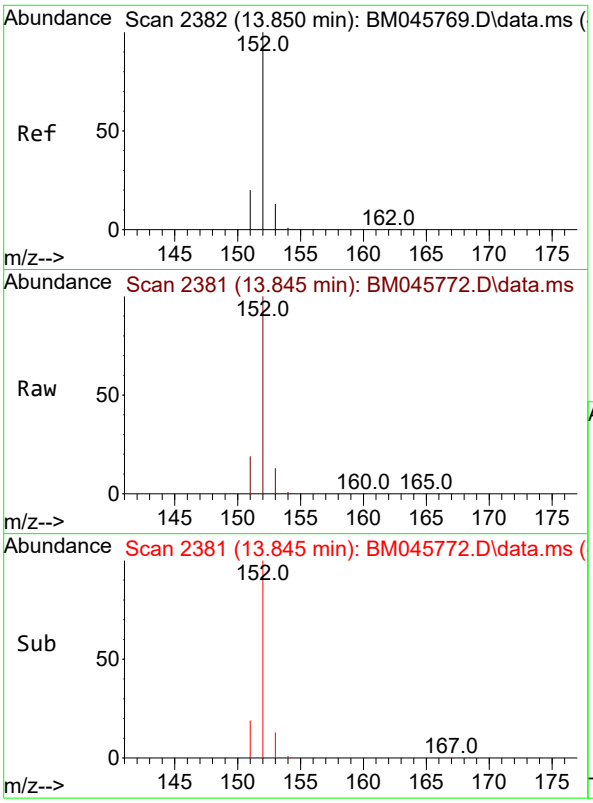


#8
1-Methylnaphthalene
Concen: 3.085 ng/ul
RT: 12.146 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:142 Resp: 111268

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.3	109.9



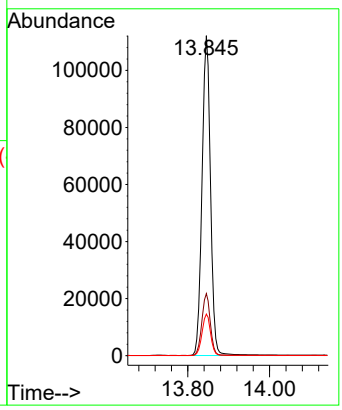


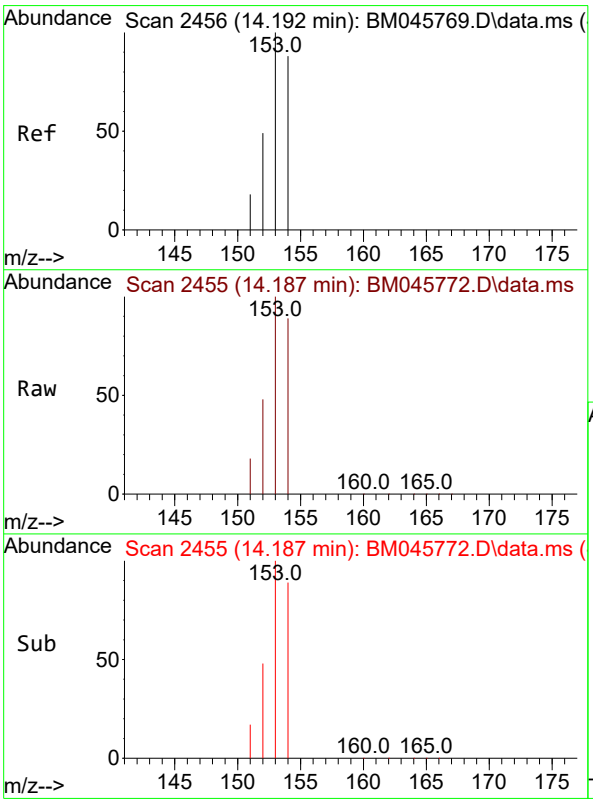
#10
Acenaphthylene
Concen: 3.072 ng/ul
RT: 13.845 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:152 Resp: 161443

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	13.0	10.8	16.2

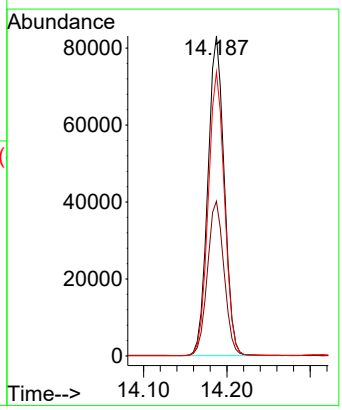


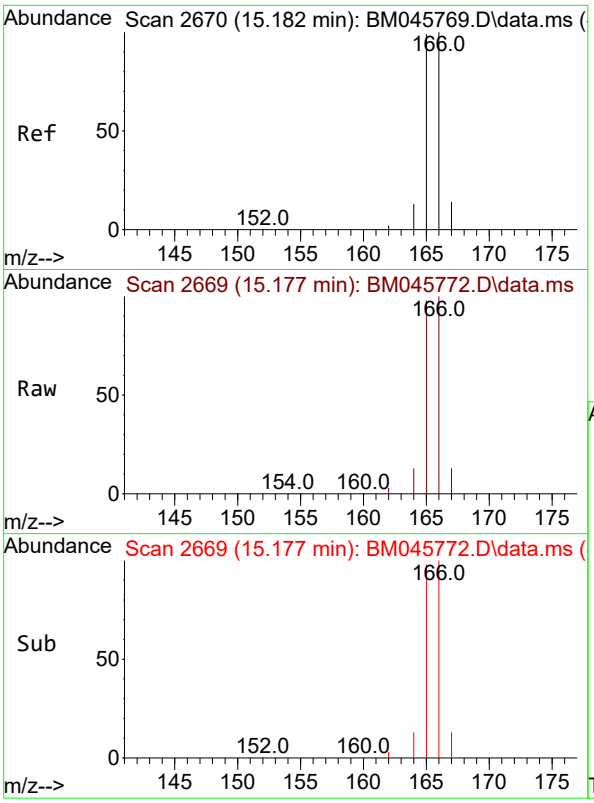


#11
Acenaphthene
Concen: 3.068 ng/ul
RT: 14.187 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:153 Resp: 113372

Ion	Ratio	Lower	Upper
153	100		
152	48.3	39.7	59.5
154	88.7	70.2	105.4



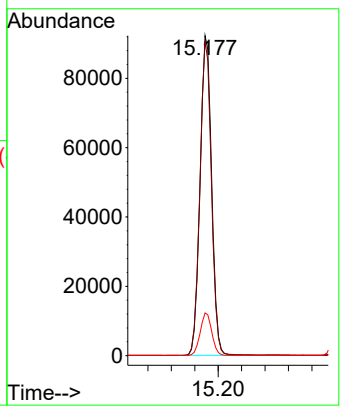


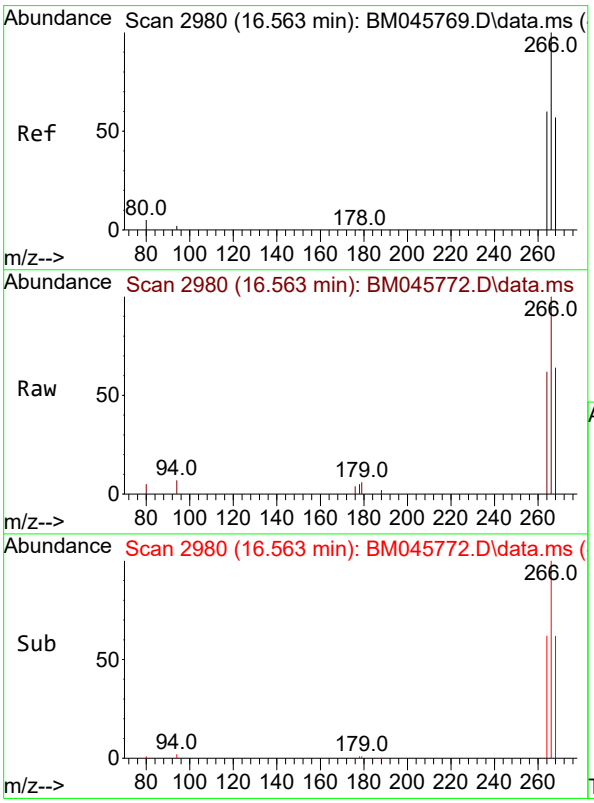
#12
Fluorene
Concen: 3.019 ng/ul
RT: 15.177 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:166 Resp: 126950

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.5	119.3
167	13.3	11.2	16.8

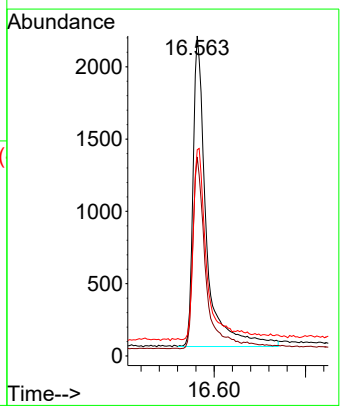


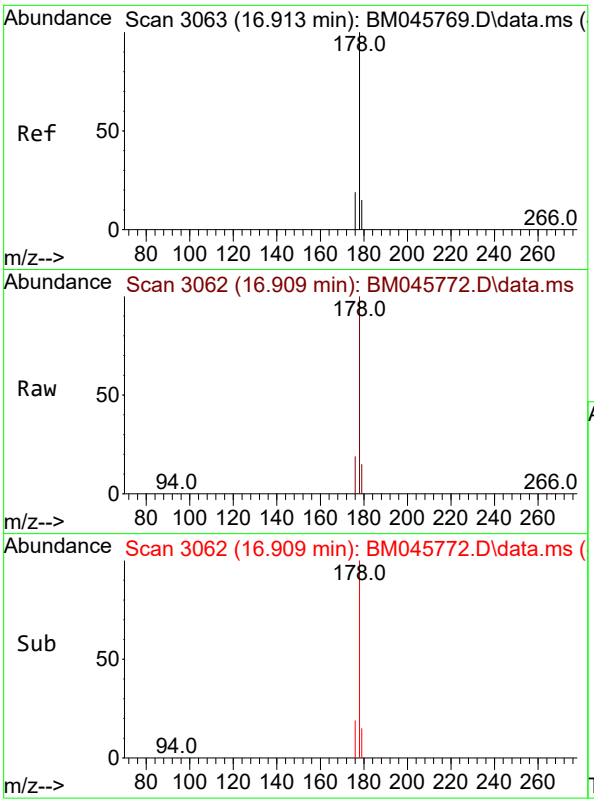


#14
Pentachlorophenol
Concen: 0.904 ng/ul
RT: 16.563 min Scan# 2980
Delta R.T. -0.000 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:266 Resp: 4346

Ion	Ratio	Lower	Upper
266	100		
264	61.8	48.1	72.1
268	64.4	50.2	75.2



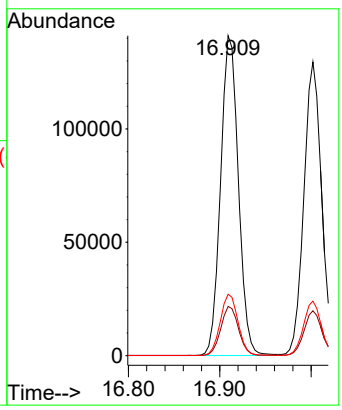


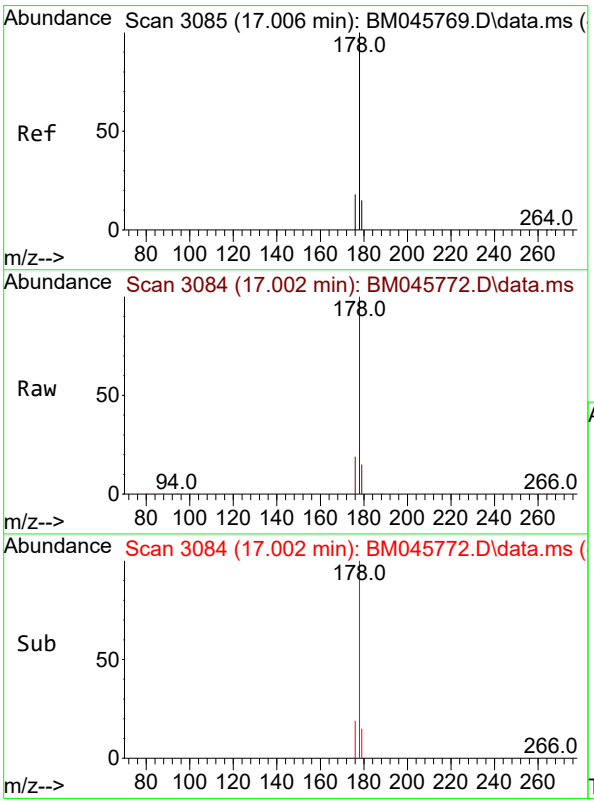
#15
Phenanthrene
Concen: 3.094 ng/ul
RT: 16.909 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:178 Resp: 190020

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	15.6	23.4

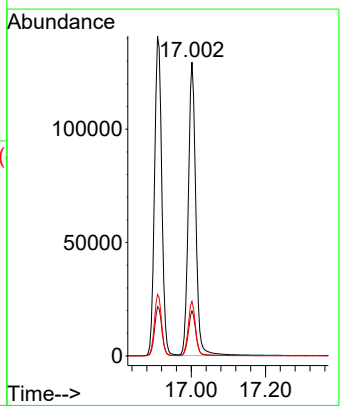


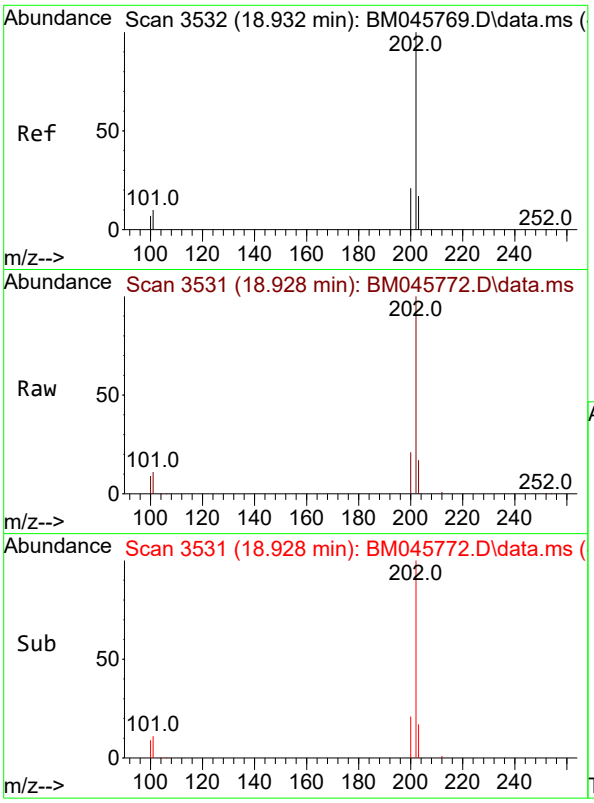


#16
Anthracene
Concen: 2.948 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:178 Resp: 180931

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.9	19.3
176	18.6	14.7	22.1



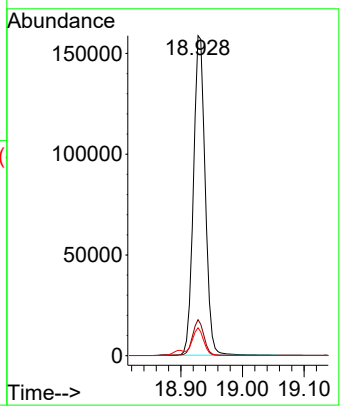


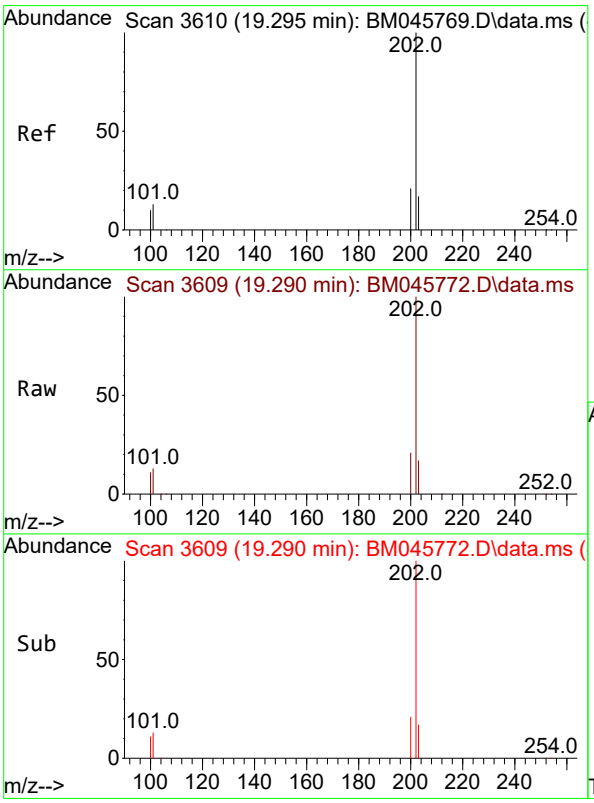
#19
Fluoranthene
Concen: 4.055 ng/ul
RT: 18.928 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:202 Resp: 210743

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.9	13.3
100	8.7	6.7	10.1

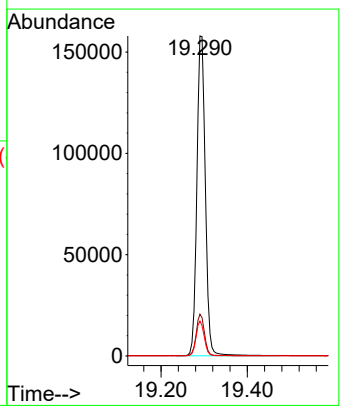


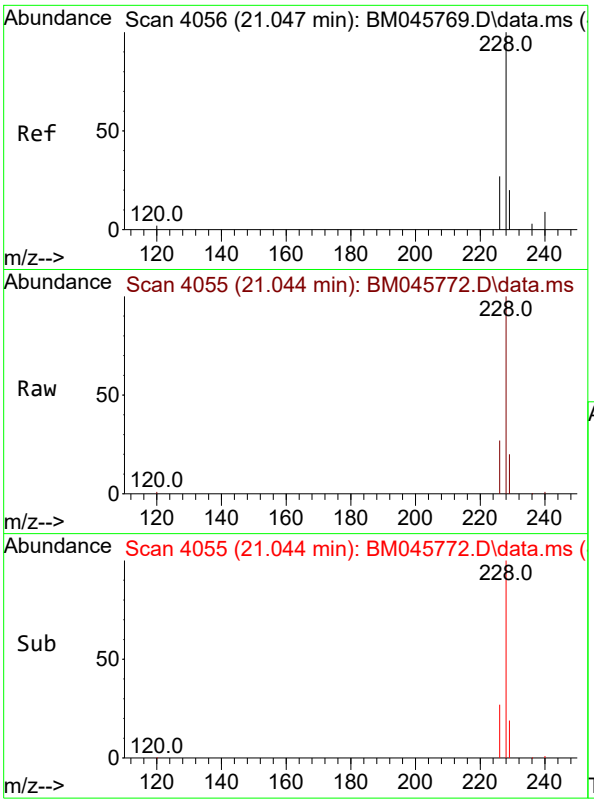


#20
Pyrene
Concen: 3.873 ng/ul
RT: 19.290 min Scan# 3609
Delta R.T. -0.005 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:202 Resp: 215083

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.5	15.7
100	10.9	8.6	12.8



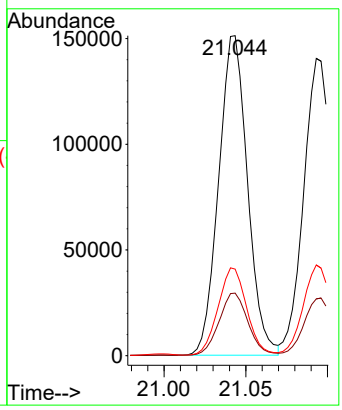


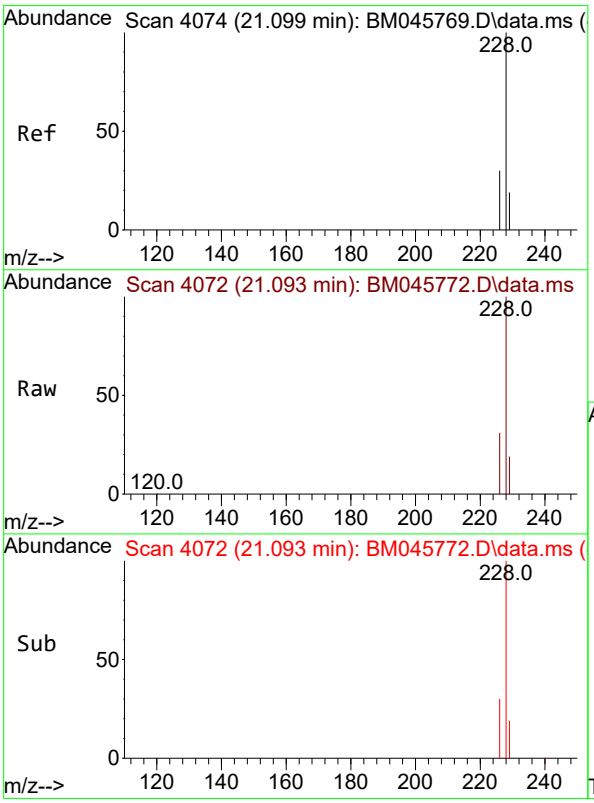
#21
Benzo(a)anthracene
Concen: 3.232 ng/ul
RT: 21.044 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:228 Resp: 186231

Ion	Ratio	Lower	Upper
228	100		
229	19.5	16.6	25.0
226	27.1	21.8	32.6

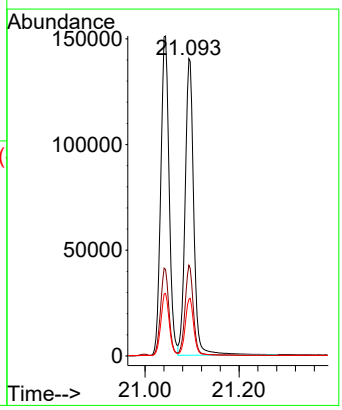


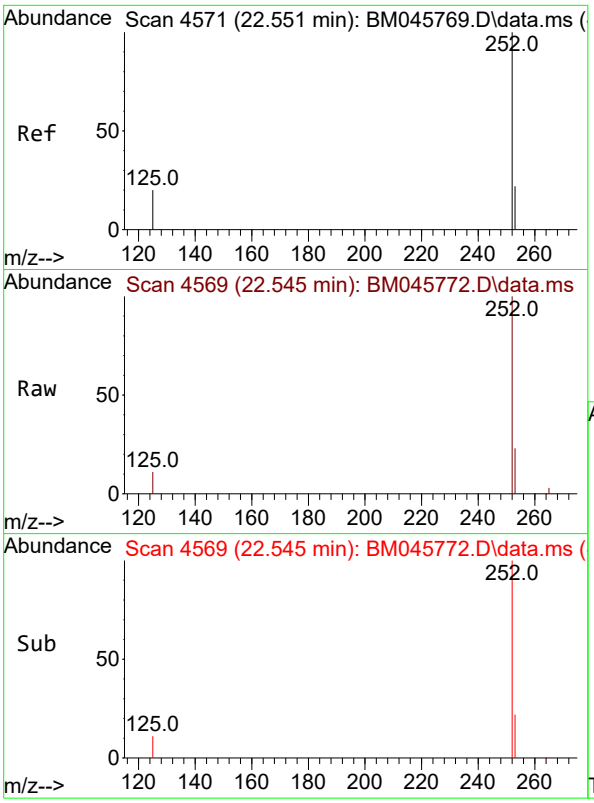


#22
Chrysene
Concen: 2.626 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. -0.006 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:228 Resp: 178280

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	19.1	16.3	24.5



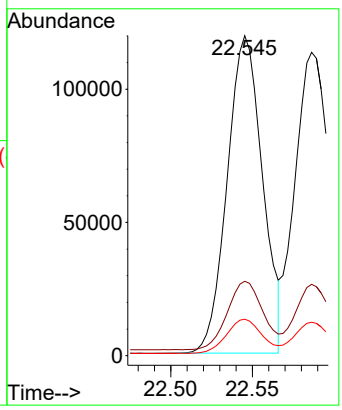


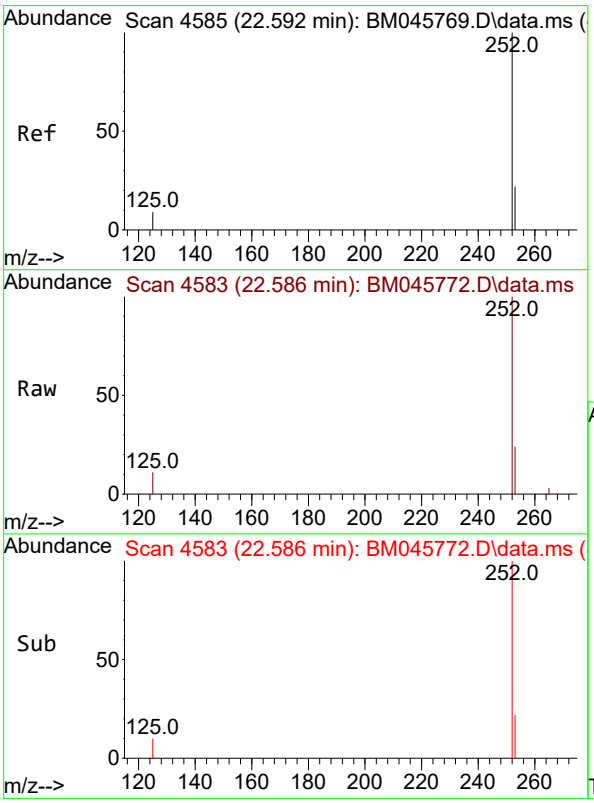
#24
Benzo(b)fluoranthene
Concen: 2.754 ng/ul
RT: 22.545 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 178917

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	71.4
125	11.4	0.0	49.2

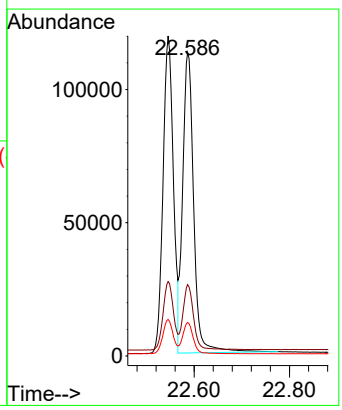


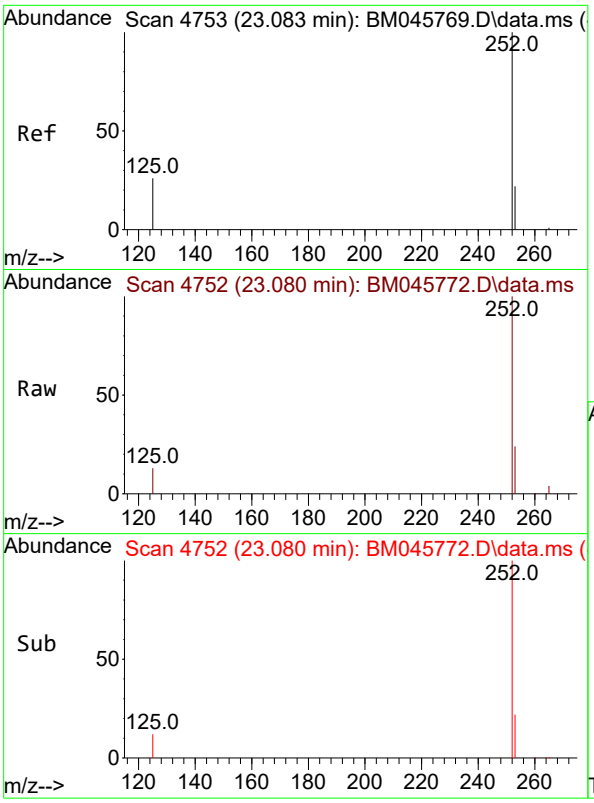


#25
Benzo(k)fluoranthene
Concen: 2.701 ng/ul
RT: 22.586 min Scan# 4583
Delta R.T. -0.006 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:252 Resp: 181051

Ion	Ratio	Lower	Upper
252	100		
253	23.5	29.4	44.0#
125	11.0	12.6	18.8#



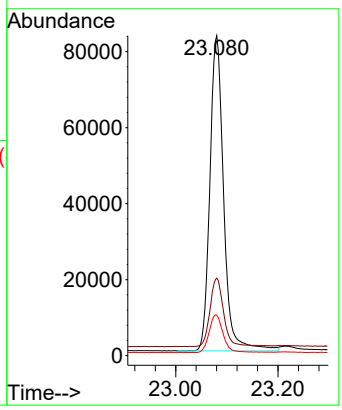


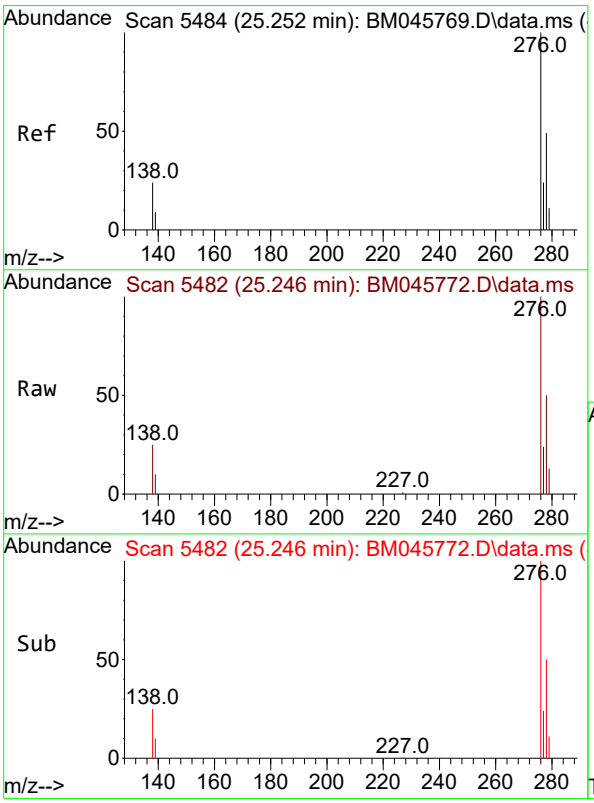
#26
Benzo(a)pyrene
Concen: 2.949 ng/ul
RT: 23.080 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 155503

Ion	Ratio	Lower	Upper
252	100		
253	24.2	34.3	51.5#
125	12.6	25.7	38.5#

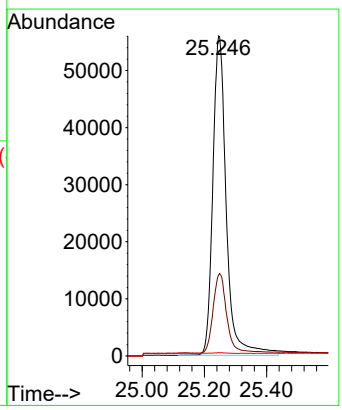


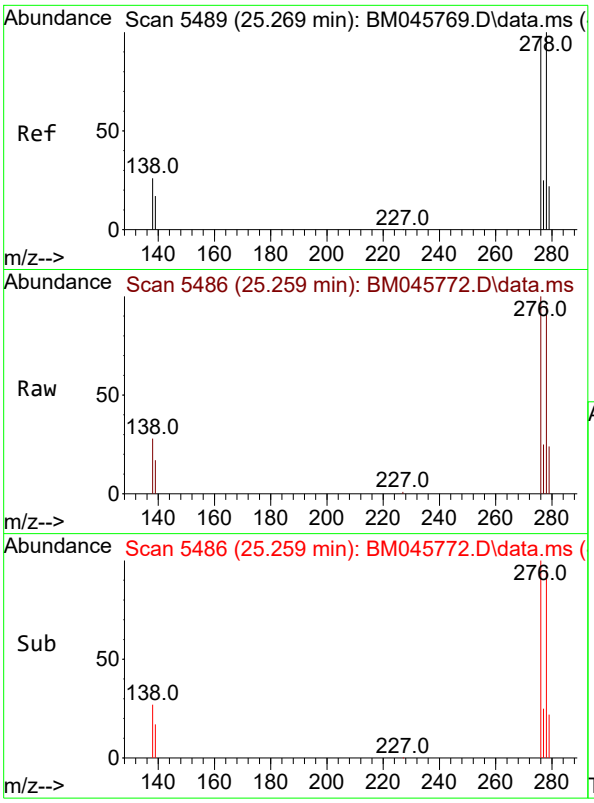


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.594 ng/ul
RT: 25.246 min Scan# 5482
Delta R.T. -0.007 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:276 Resp: 168363

Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.8	29.8
227	0.2	0.1	0.1#



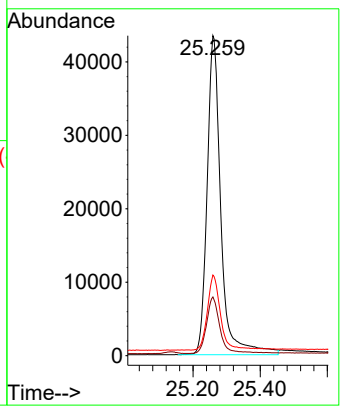


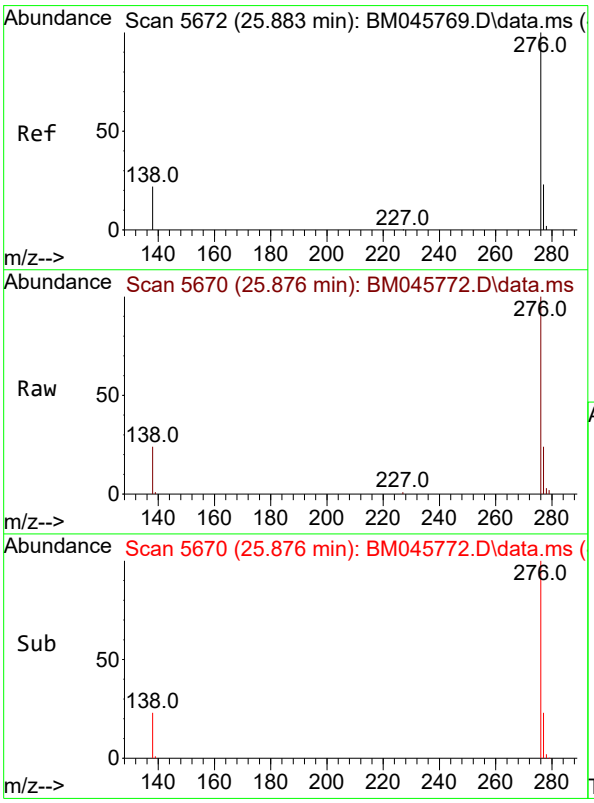
#28
Dibenzo(a,h)anthracene
Concen: 2.672 ng/ul
RT: 25.259 min Scan# 54
Delta R.T. -0.010 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:278 Resp: 123004

Ion	Ratio	Lower	Upper
278	100		
139	18.4	18.7	28.1#
279	25.2	31.0	46.6#





#29
Benzo(g,h,i)perylene
Concen: 2.632 ng/ul
RT: 25.876 min Scan# 5670
Delta R.T. -0.007 min
Lab File: BM045772.D
Acq: 28 May 2024 22:15

Tgt Ion:276 Resp: 159577

Ion	Ratio	Lower	Upper
276	100		
138	23.8	23.4	35.0
277	23.6	21.0	31.4