Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
Data File : BM032217.D
Acq On : 27 Sep 2021 22:32
Operator : CG/JU
Sample : M3919-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GB6Y2MS

Quant Time: Sep 28 02:30:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 27 13:37:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	7237	0.400	ng/ul	0.00
4) Naphthalene-d8	10.451	136	22140	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.308	164	10115	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.033	188	19600	0.400	ng/ul	0.00
17) Chrysene-d12	21.193	240	15353	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	12724	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.989	96	24887	3.199	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.044	152	9897	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.049	212	19676	0.472	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.024	88	111231	13.896	ng/ul	88
5) Naphthalene	10.501	128	22489	0.342	ng/ul	99
7) 2-Methylnaphthalene	12.120	142	13714	0.326	ng/ul	100
8) 1-Methylnaphthalene	12.340	142	13092	0.319	ng/ul	100
10) Acenaphthylene	14.024	152	13809	0.341	ng/ul	99
11) Acenaphthene	14.369	153	13094	0.351	ng/ul	98
12) Fluorene	15.351	166	14810	0.350	ng/ul	99
14) Pentachlorophenol	16.700	266	4429	0.893	ng/ul	98
15) Phenanthrene	17.074	178	24818	0.389	ng/ul	100
16) Anthracene	17.161	178	20333	0.387	ng/ul	99
19) Fluoranthene	19.080	202	28379	0.443	ng/ul	98
20) Pyrene	19.442	202	28697	0.447	ng/ul	99
21) Benzo(a)anthracene	21.176	228	23564	0.434	ng/ul	100
22) Chrysene	21.227	228	26861	0.423	ng/ul	100
24) Benzo(b)fluoranthene	22.711	252	26739	0.405	ng/ul	96
25) Benzo(k)fluoranthene	22.752	252	25868	0.405	ng/ul	96
26) Benzo(a)pyrene	23.261	252	20724	0.418	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.500	276	26732	0.421	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.505	278	22060	0.428	ng/ul	98
29) Benzo(g,h,i)perylene	26.161	276	24837	0.414	ng/ul	99

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

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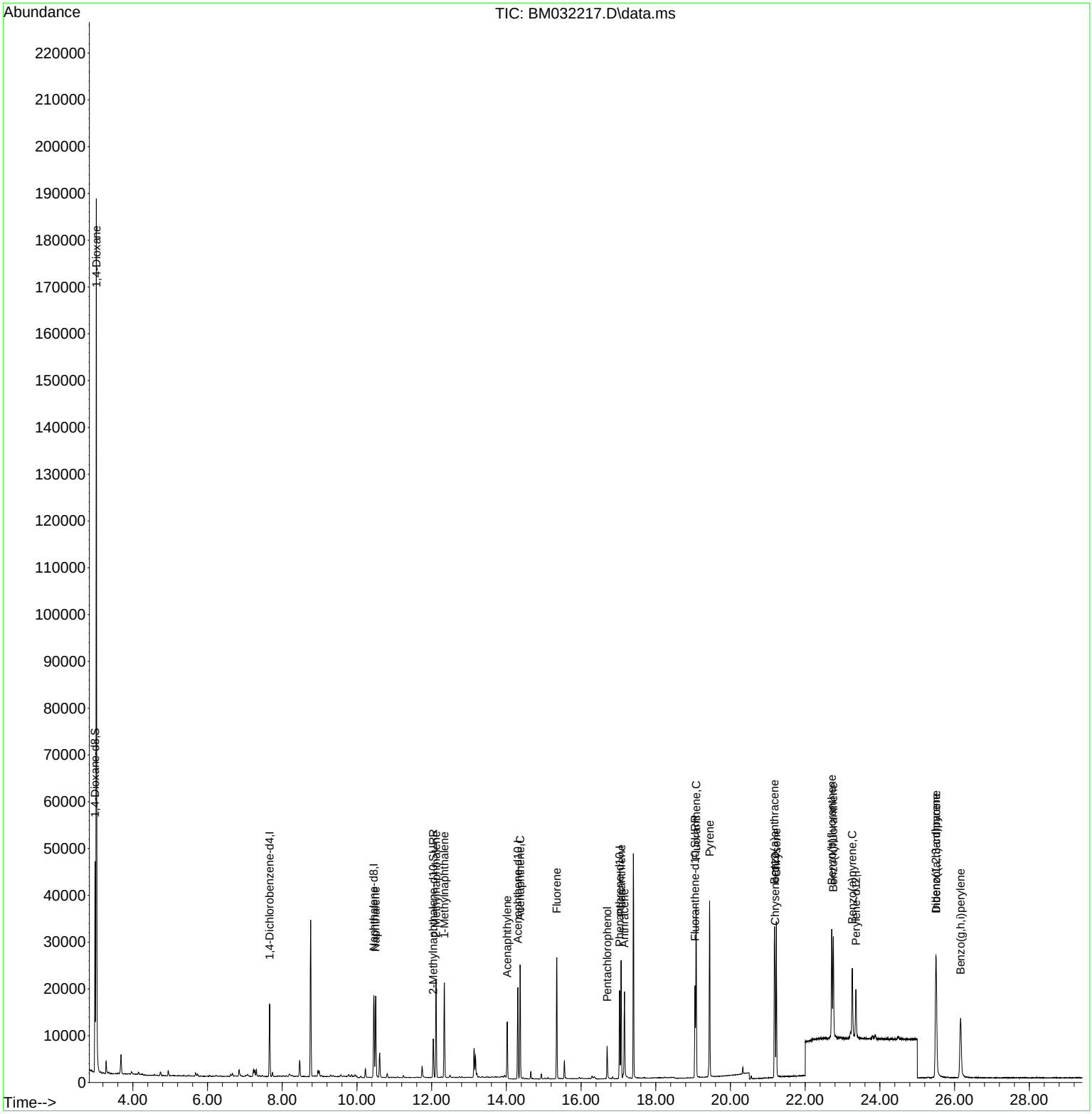
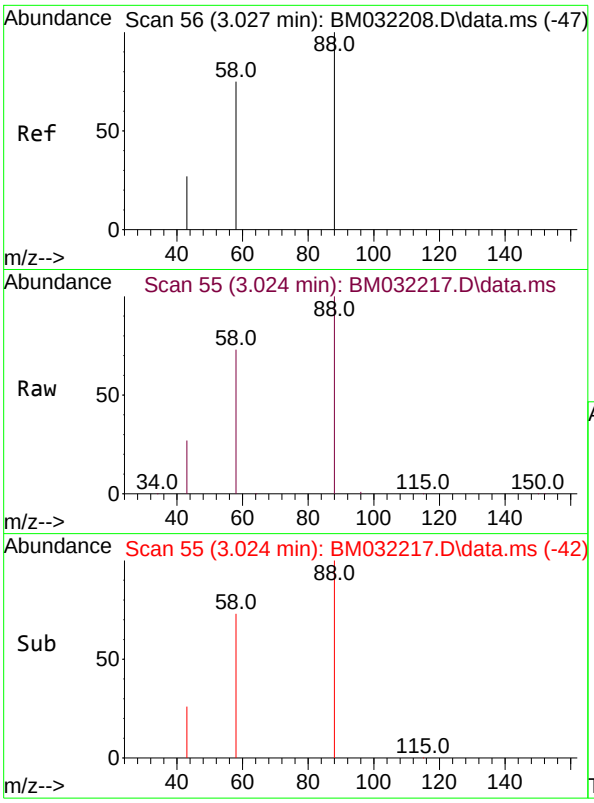


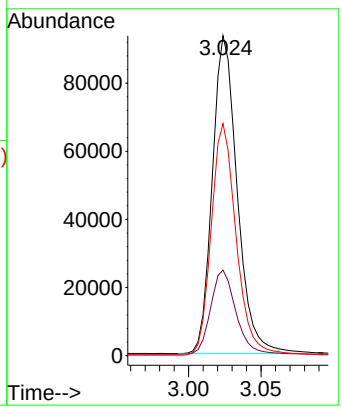
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

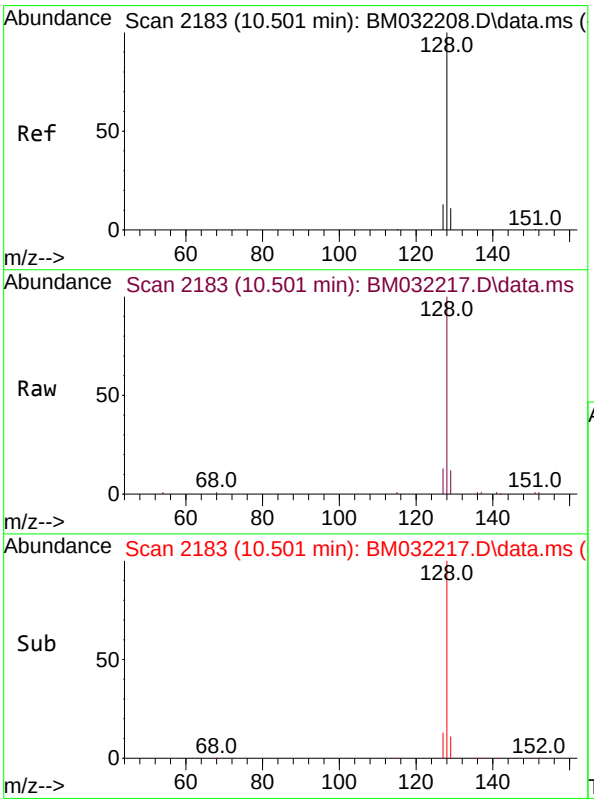


#2
1,4-Dioxane
Concen: 13.896 ng/ul
RT: 3.024 min Scan# 55
Delta R.T. -0.004 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion: 88 Resp: 111231

Ion	Ratio	Lower	Upper
88	100		
43	26.8	26.1	39.1
58	72.5	50.2	75.2

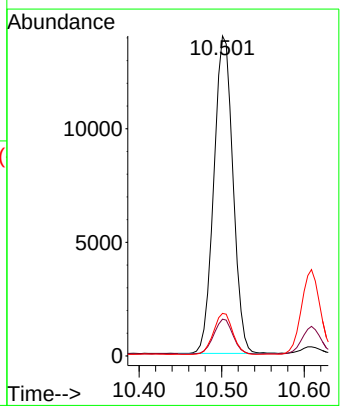




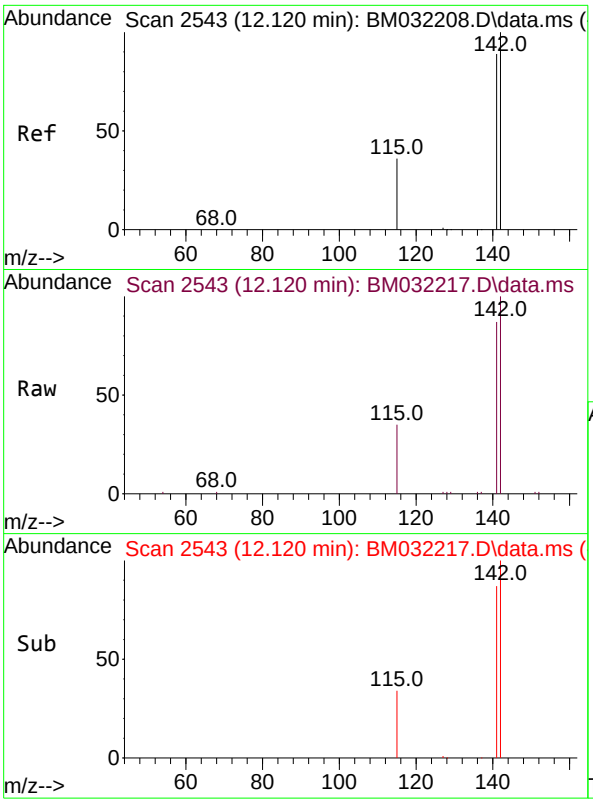
#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.501 min Scan# 2183
Delta R.T. -0.005 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:128 Resp: 22489

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.3	10.5	15.7



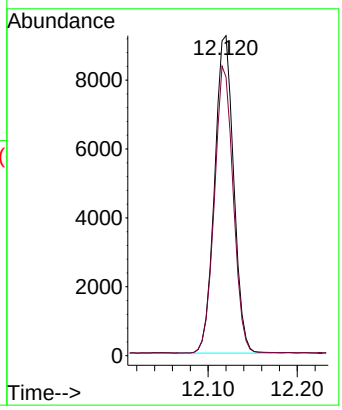
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

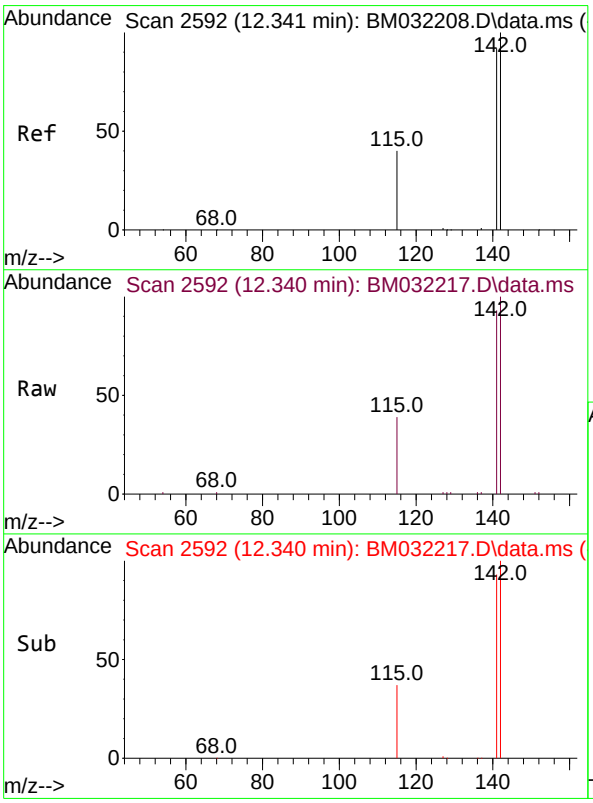


#7
2-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.120 min Scan# 2543
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:142 Resp: 13714

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8

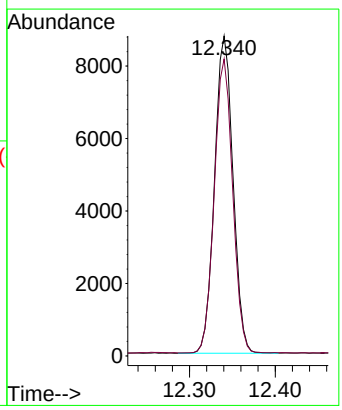




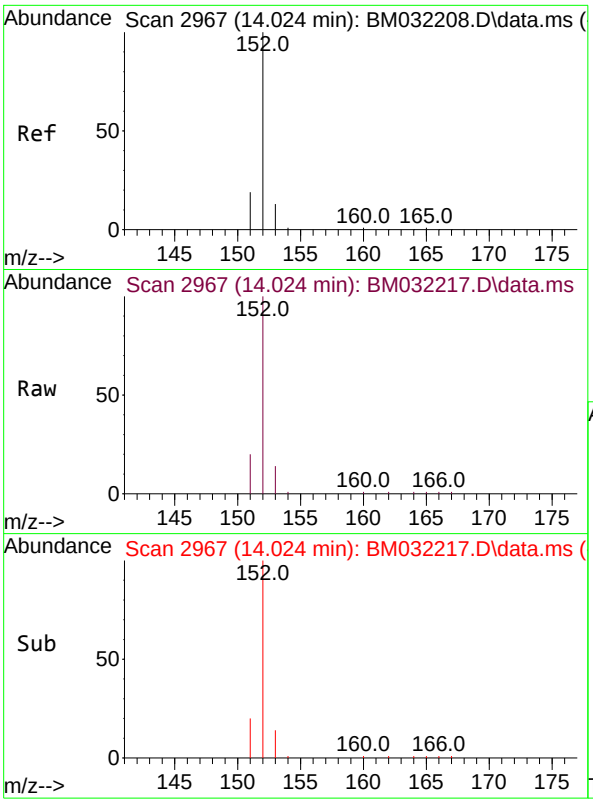
#8
1-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 12.340 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:142 Resp: 13092

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.6



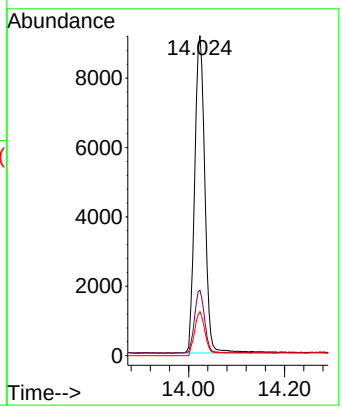
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

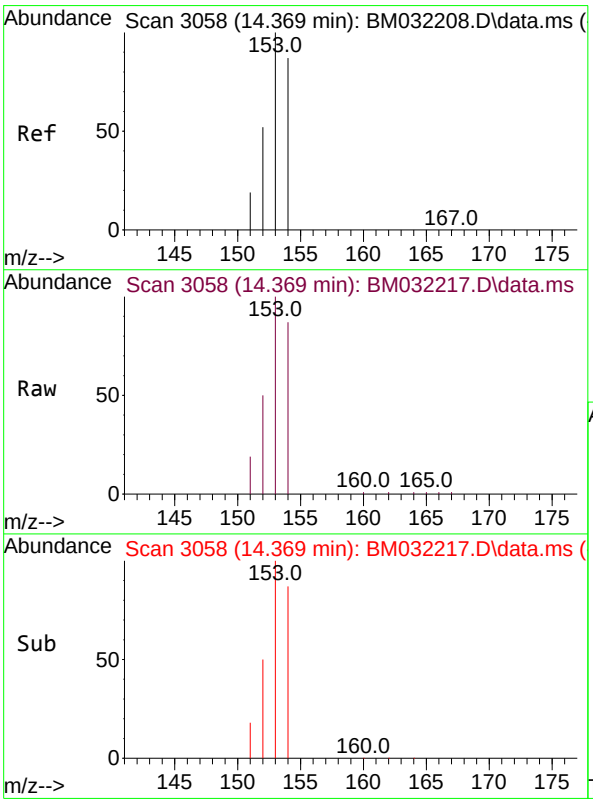


#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.024 min Scan# 2967
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:152 Resp: 13809

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.8	10.7	16.1

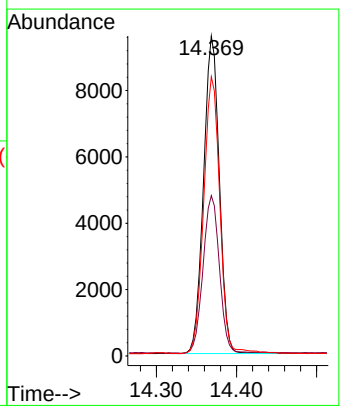


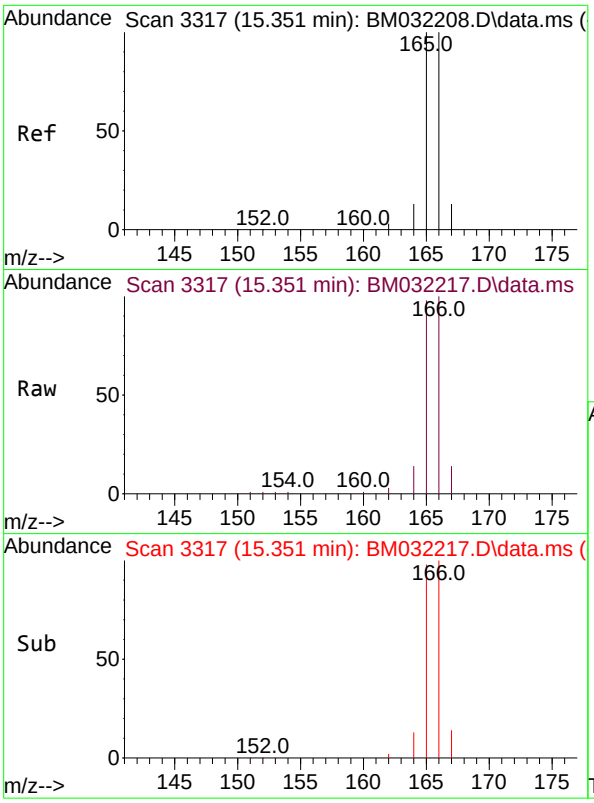


#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.369 min Scan# 3058
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:153 Resp: 13094

Ion	Ratio	Lower	Upper
153	100		
152	50.1	41.6	62.4
154	87.3	71.2	106.8

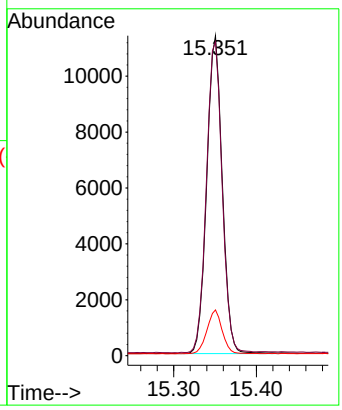




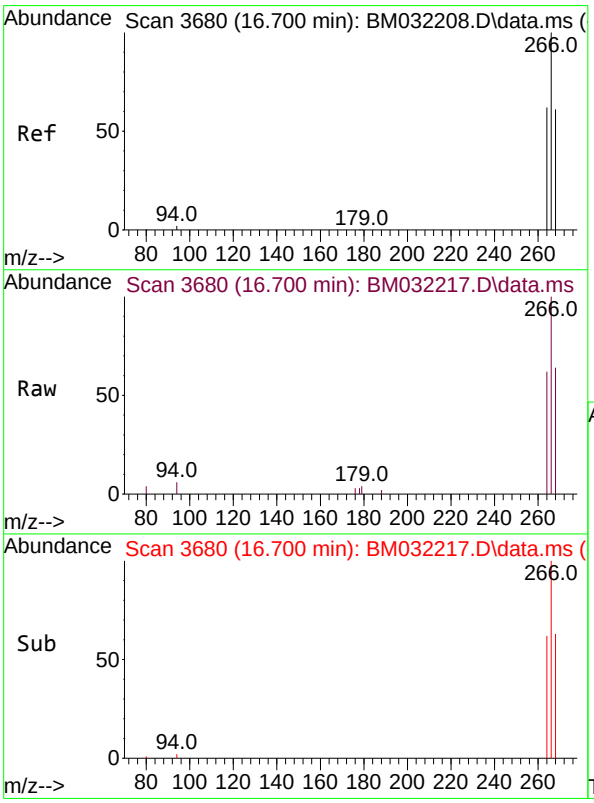
#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.351 min Scan# 3317
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:166 Resp: 14810

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.4	119.2
167	14.3	10.8	16.2



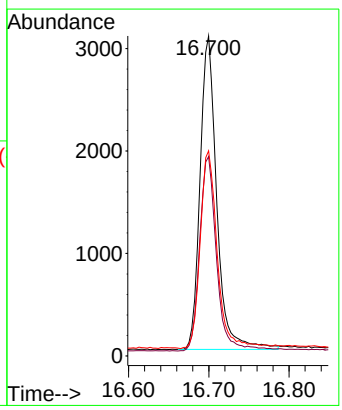
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS



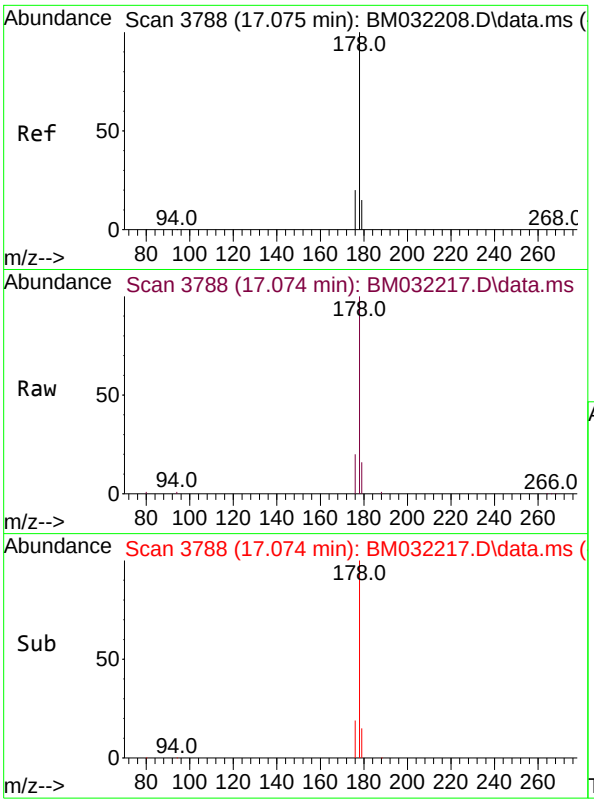
#14
Pentachlorophenol
Concen: 0.893 ng/ul
RT: 16.700 min Scan# 3680
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:266 Resp: 4429

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.8
268	65.0	50.4	75.6



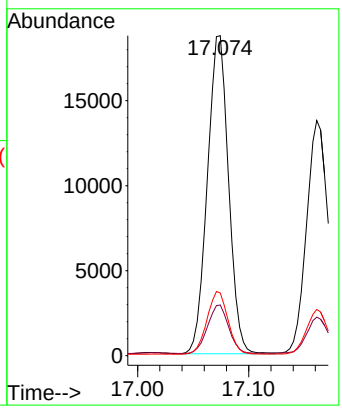
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

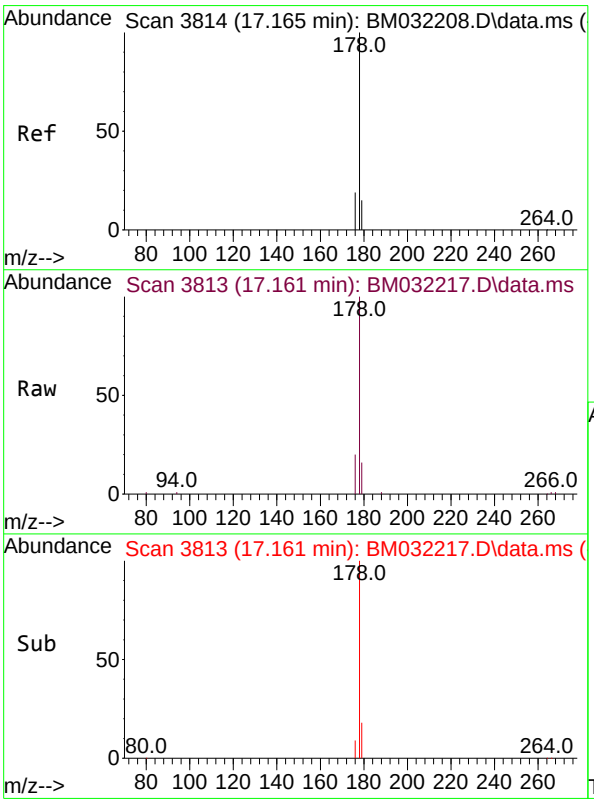


#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.074 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:178 Resp: 24818

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.6	15.8	23.6

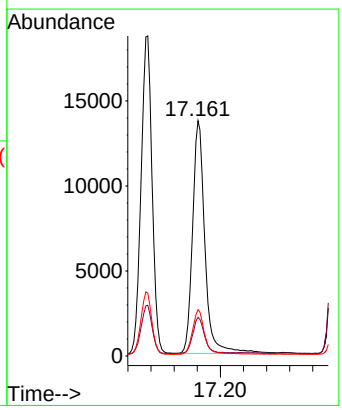




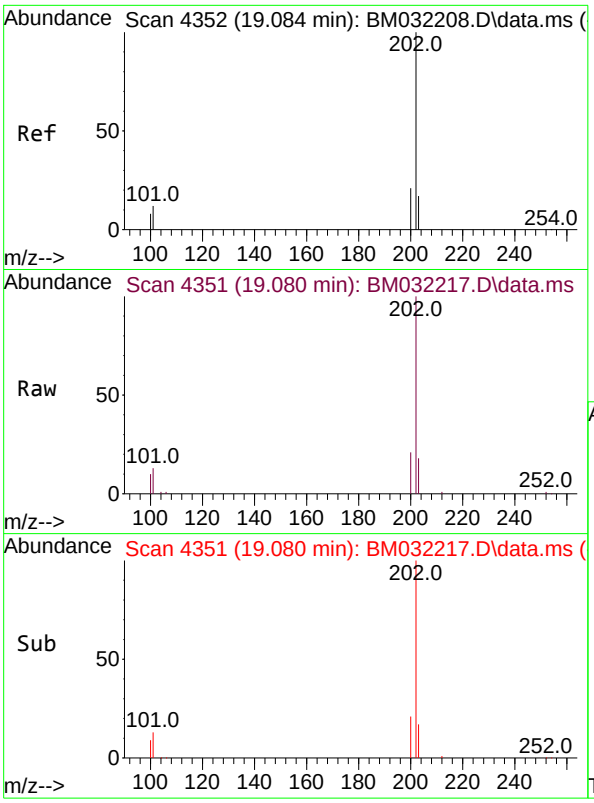
#16
Anthracene
Concen: 0.387 ng/ul
RT: 17.161 min Scan# 3813
Delta R.T. -0.004 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:178 Resp: 20333

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	19.7	15.3	22.9



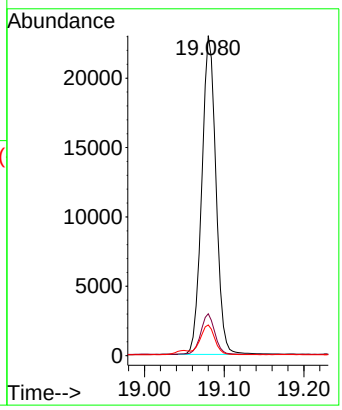
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

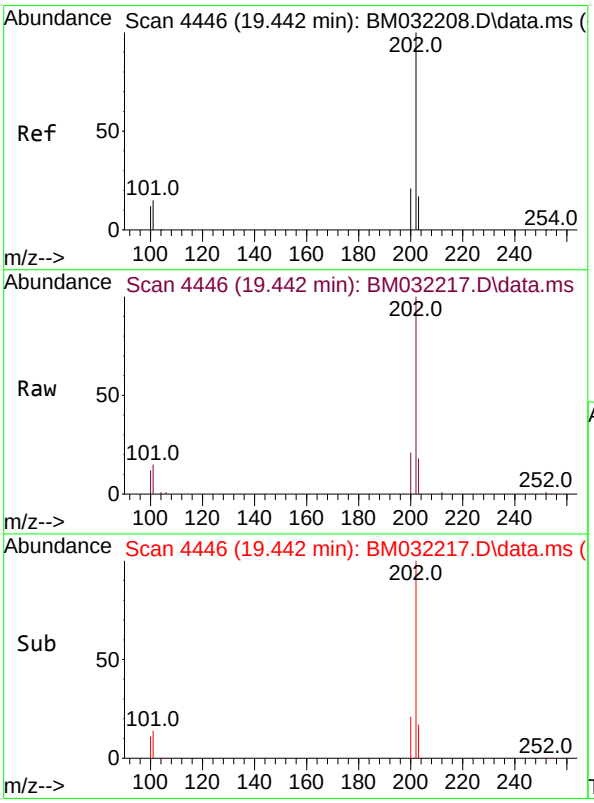


#19
Fluoranthene
Concen: 0.443 ng/ul
RT: 19.080 min Scan# 4351
Delta R.T. -0.004 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:202 Resp: 28379

Ion	Ratio	Lower	Upper
202	100		
101	13.1	9.8	14.8
100	9.6	7.2	10.8

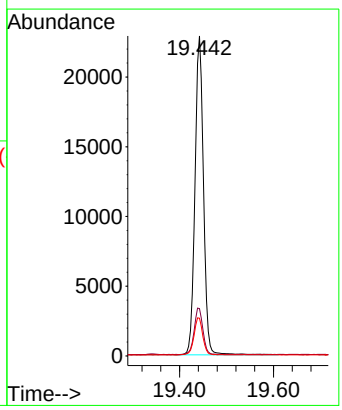




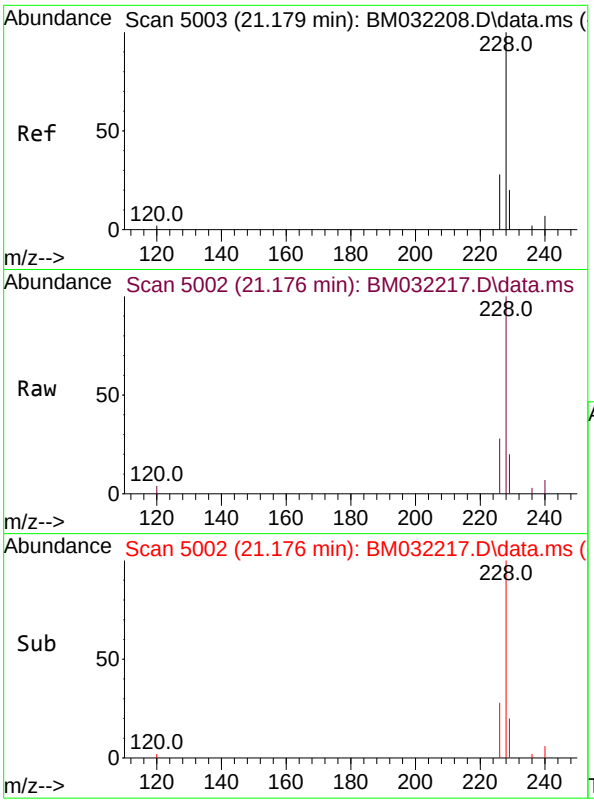
#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.442 min Scan# 4446
Delta R.T. -0.000 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:202 Resp: 28697

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.1	18.1
100	11.8	9.8	14.6



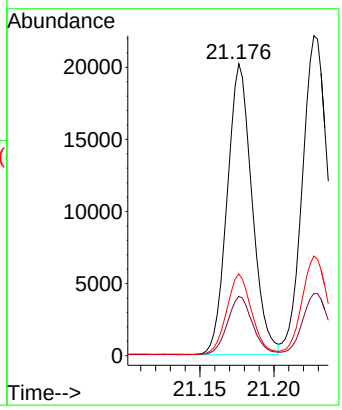
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

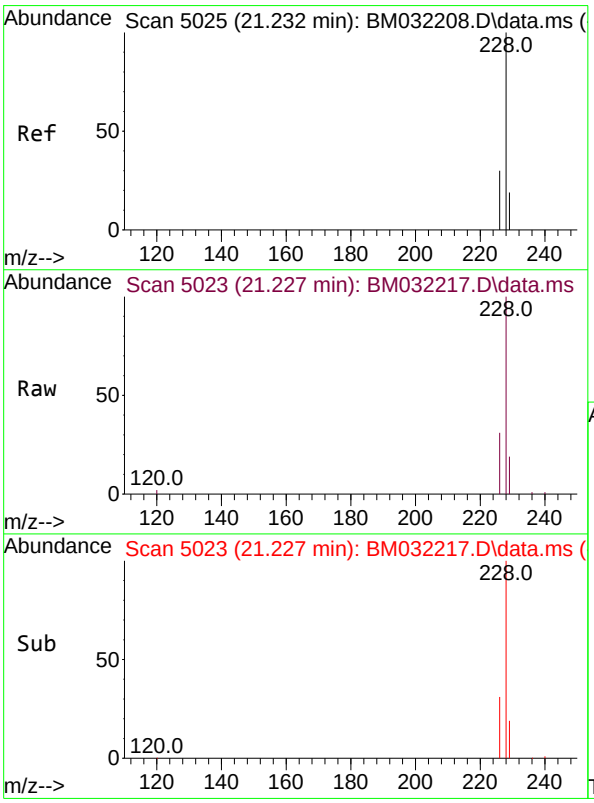


#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.176 min Scan# 5002
Delta R.T. -0.003 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:228 Resp: 23564

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.0	24.0
226	28.0	22.3	33.5

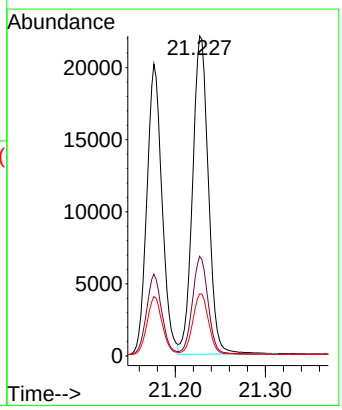




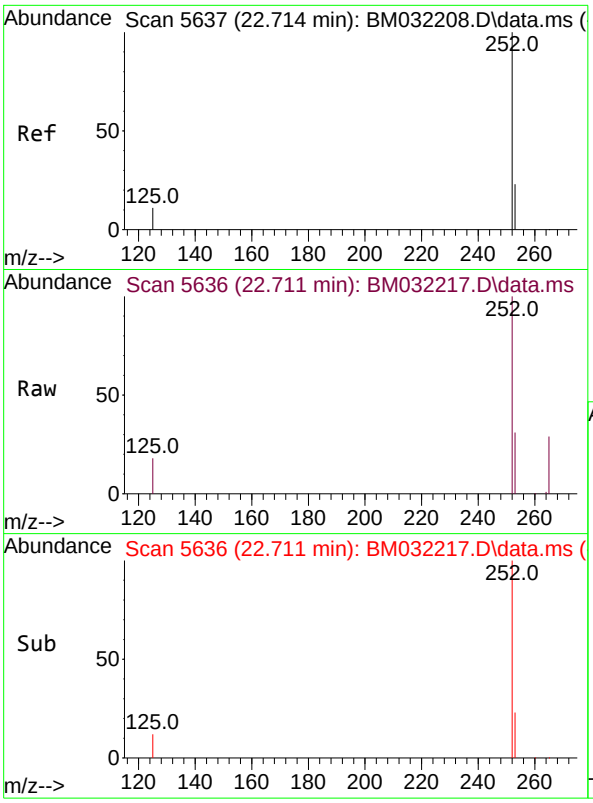
#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.227 min Scan# 5023
Delta R.T. -0.002 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:228 Resp: 26861

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	19.4	15.6	23.4



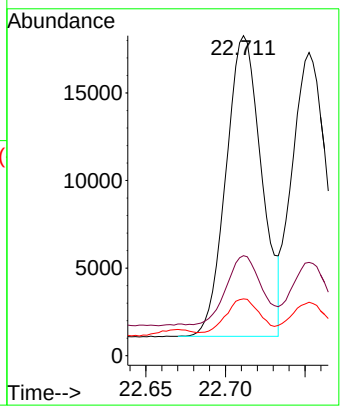
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

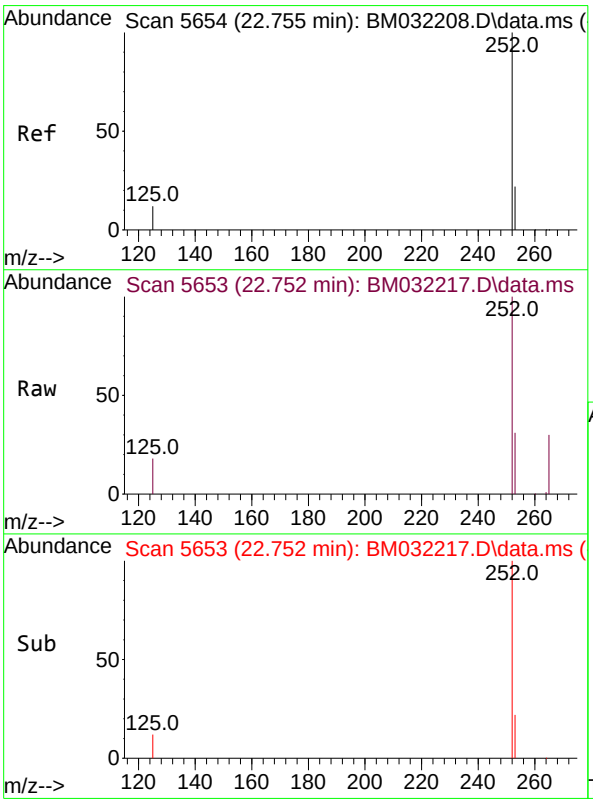


#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.711 min Scan# 5636
Delta R.T. -0.002 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:252 Resp: 26739

Ion	Ratio	Lower	Upper
252	100		
253	31.2	0.0	58.0
125	17.8	0.0	31.4

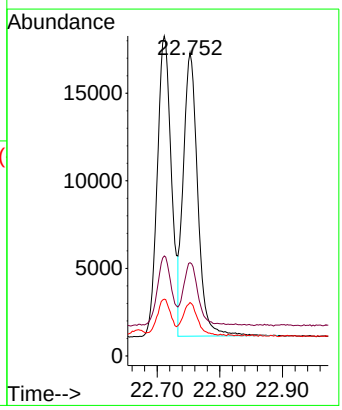




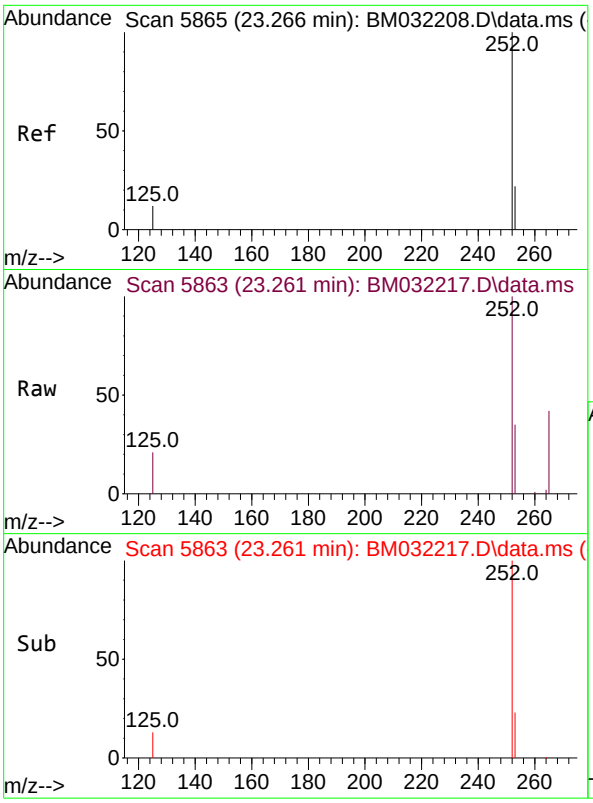
#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.752 min Scan# 5653
Delta R.T. -0.003 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:252 Resp: 25868

Ion	Ratio	Lower	Upper
252	100		
253	30.8	22.9	34.3
125	17.6	12.9	19.3



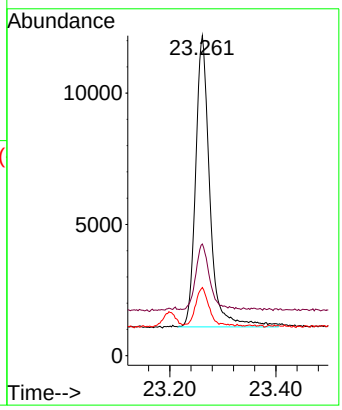
Instrument :
BNA_M
ClientSampleId :
GB6Y2MS

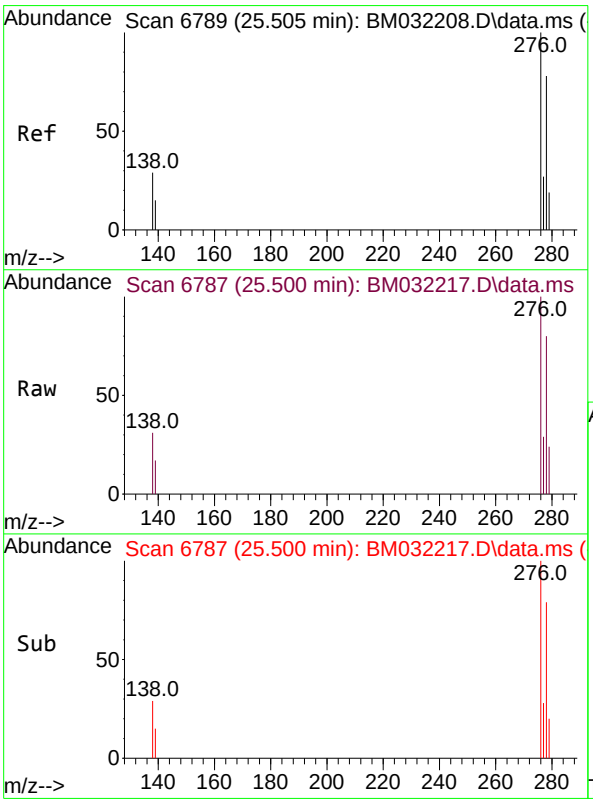


#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.261 min Scan# 5863
Delta R.T. -0.002 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:252 Resp: 20724

Ion	Ratio	Lower	Upper
252	100		
253	34.9	25.8	38.8
125	21.3	15.4	23.2

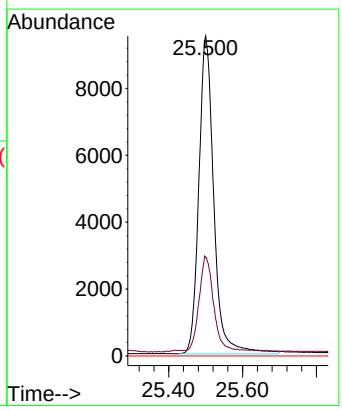


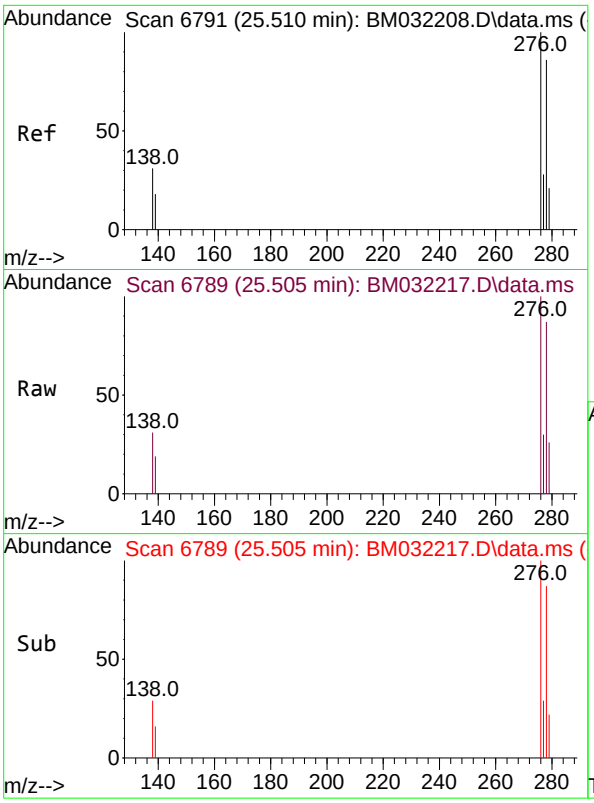


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 25.500 min Scan# 6787
Delta R.T. -0.005 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:276 Resp: 26732

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.3	36.5
227	0.0	0.0	0.0

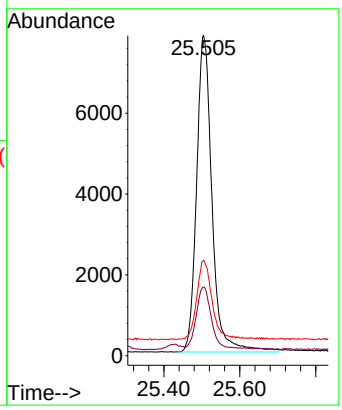




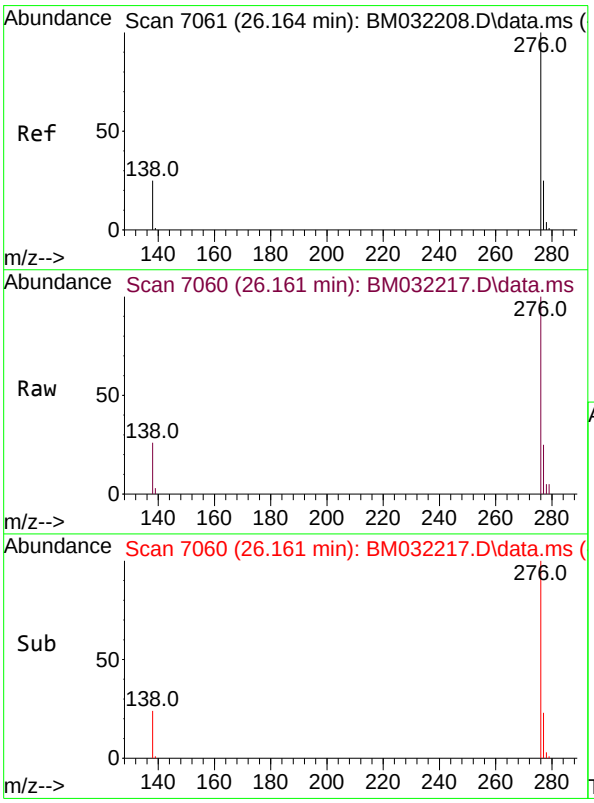
#28
Dibenzo(a,h)anthracene
Concen: 0.428 ng/ul
RT: 25.505 min Scan# 6789
Delta R.T. -0.005 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:278 Resp: 22060

Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.6	24.8
279	29.9	23.0	34.6



Instrument :
BNA_M
ClientSampleId :
GB6Y2MS



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 26.161 min Scan# 7060
Delta R.T. -0.003 min
Lab File: BM032217.D
Acq: 27 Sep 2021 22:32

Tgt Ion:276 Resp: 24837

Ion	Ratio	Lower	Upper
276	100		
138	25.7	21.0	31.4
277	25.2	19.8	29.8