Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044213.D
Acq On : 20 Feb 2024 19:46
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 20 23:06:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.539	164	6438	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	14140	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	10705	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	12495	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3384	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	8824	0.434	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	16245	0.509	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	3570	0.508	ng/ul#	92
5) Naphthalene	10.748	128	19994	0.463	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	11593	0.436	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	11664	0.433	ng/ul	100
10) Acenaphthylene	14.261	152	17046	0.482	ng/ul	99
11) Acenaphthene	14.604	153	11990	0.467	ng/ul	99
12) Fluorene	15.598	166	12562	0.434	ng/ul	98
14) Pentachlorophenol	16.942	266	2112	0.417	ng/ul	98
15) Phenanthrene	17.339	178	19973	0.446	ng/ul	99
16) Anthracene	17.432	178	20565	0.464	ng/ul	100
19) Fluoranthene	19.360	202	24584	0.504	ng/ul	99
20) Pyrene	19.722	202	25711	0.501	ng/ul	100
21) Benzo(a)anthracene	21.481	228	20746	0.423	ng/ul	99
22) Chrysene	21.534	228	25262	0.478	ng/ul	99
24) Benzo(b)fluoranthene	23.156	252	22506	0.436	ng/ul	98
25) Benzo(k)fluoranthene	23.156	252	22506	0.402	ng/ul	99
26) Benzo(a)pyrene	23.779	252	21547	0.450	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.369	276	26720	0.438	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.402	278	21249	0.442	ng/ul	98
29) Benzo(g,h,i)perylene	27.117	276	23598	0.437	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
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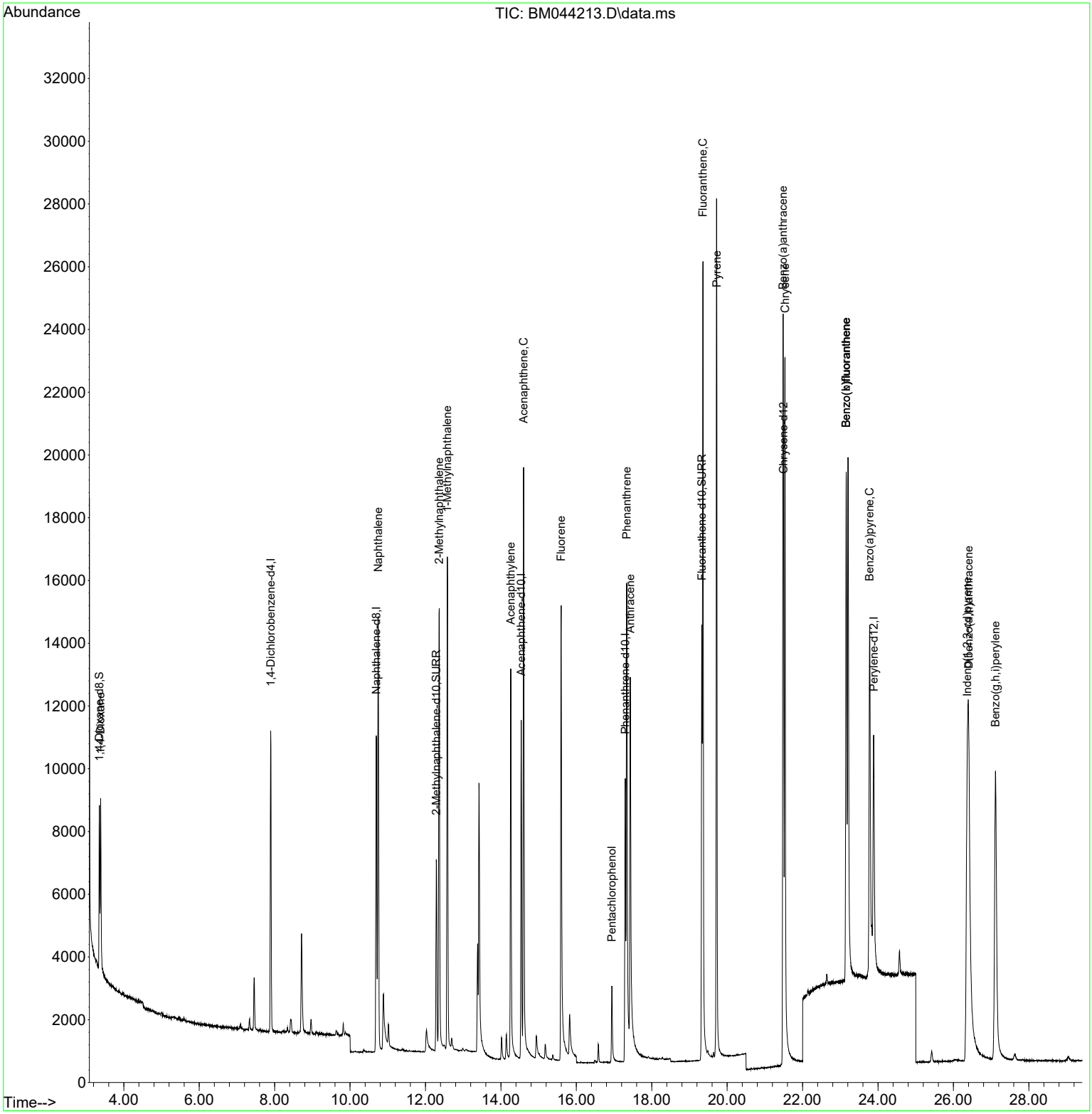
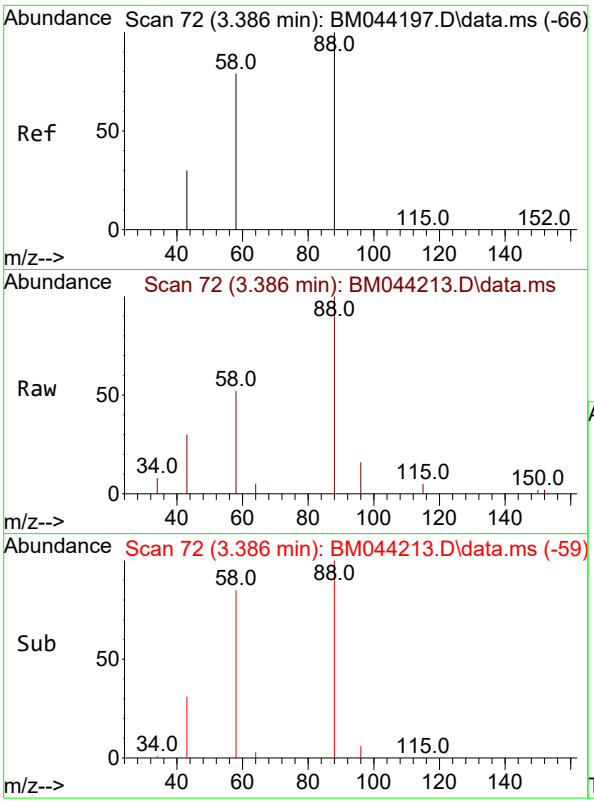
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration



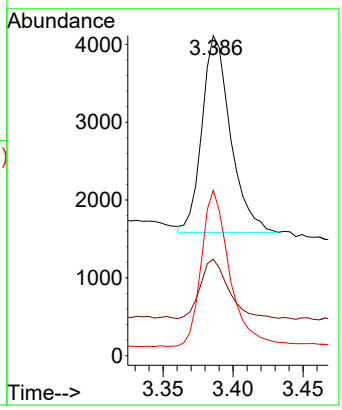


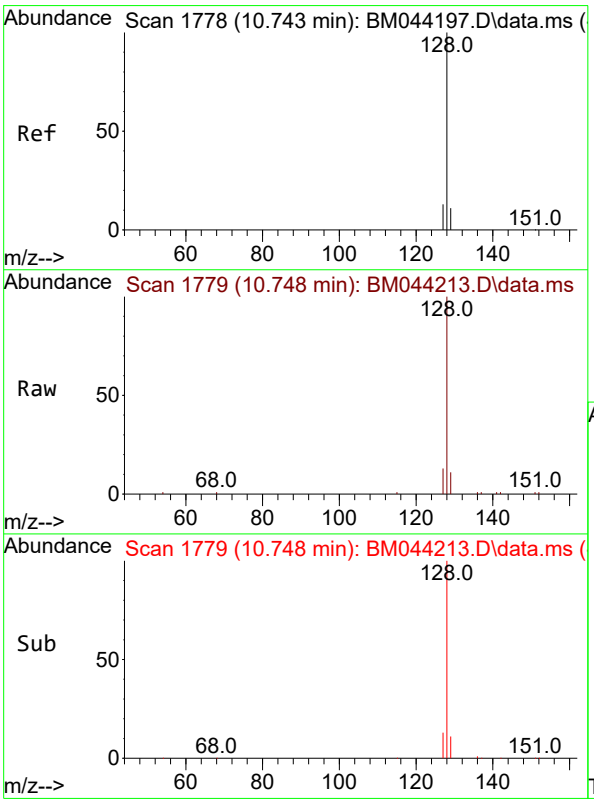
#2
1,4-Dioxane
Concen: 0.508 ng/ul
RT: 3.386 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 3570

Ion	Ratio	Lower	Upper
88	100		
43	30.2	32.2	48.2#
58	51.7	40.6	60.8

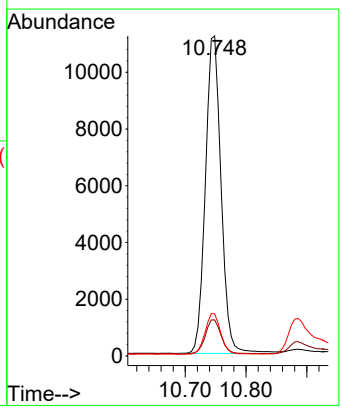


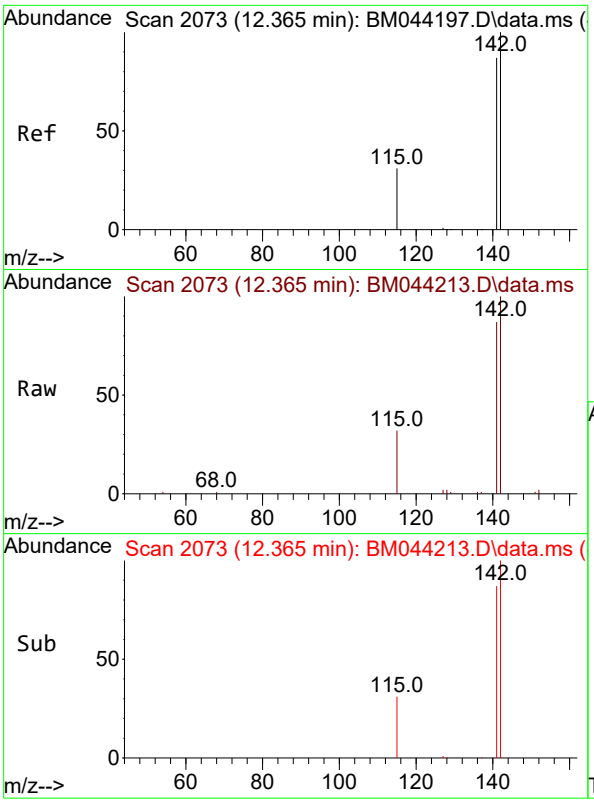


#5
Naphthalene
Concen: 0.463 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:128 Resp: 19994

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.1	10.7	16.1



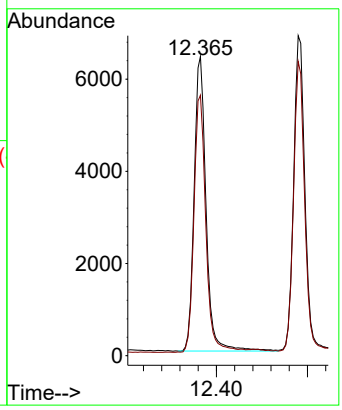


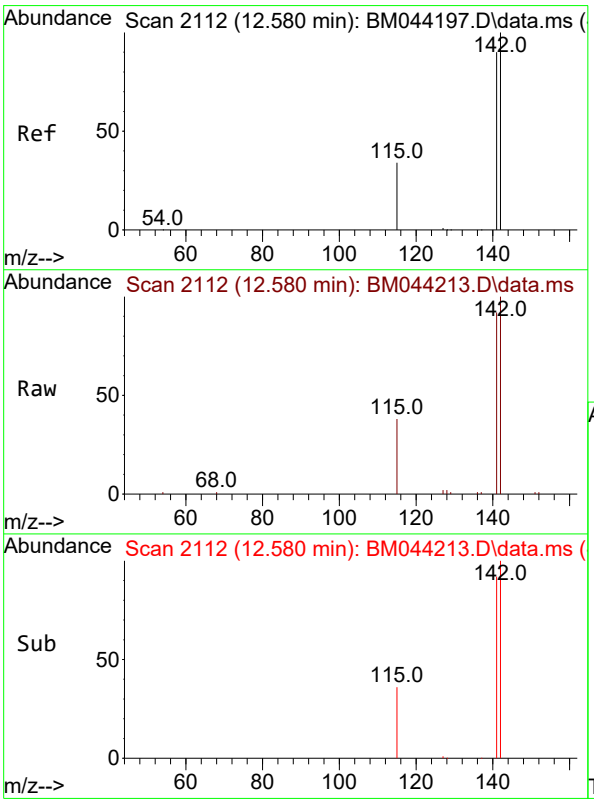
#7
2-Methylnaphthalene
Concen: 0.436 ng/ul
RT: 12.365 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 11593

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.0	105.0

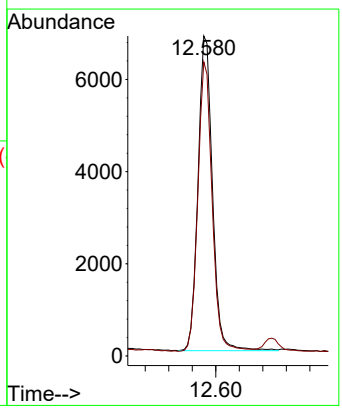


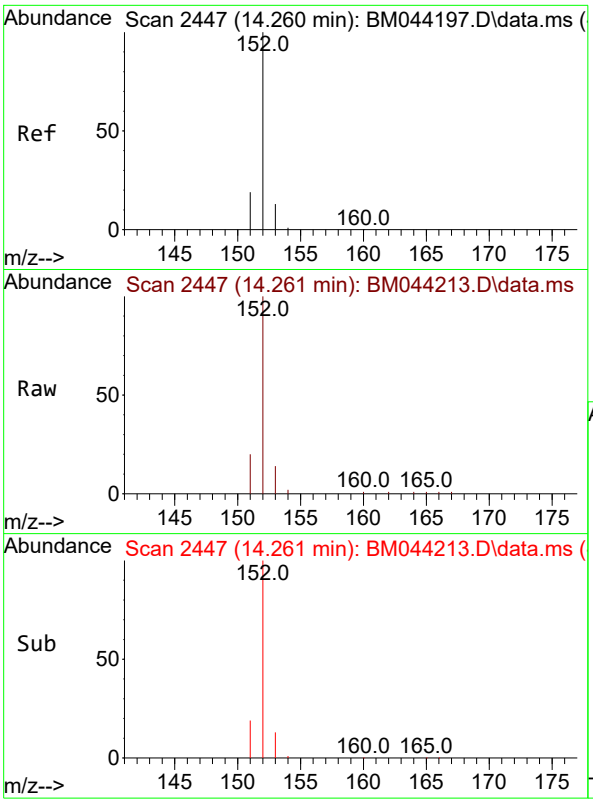


#8
1-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:142 Resp: 11664

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.5	108.7



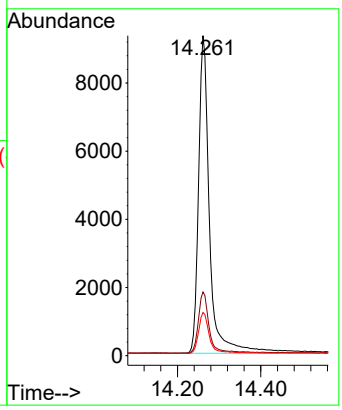


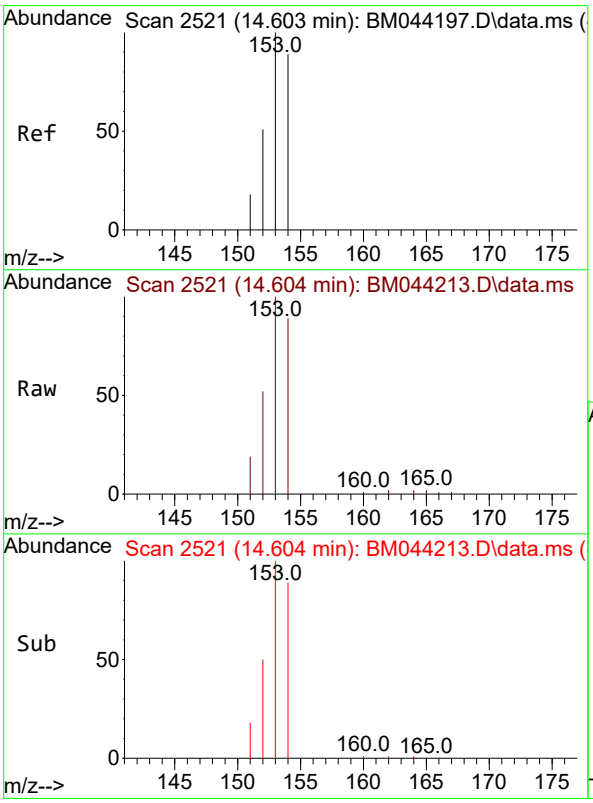
#10
Acenaphthylene
Concen: 0.482 ng/ul
RT: 14.261 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 17046

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.5	10.8	16.2

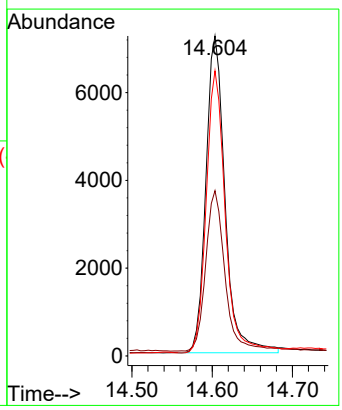


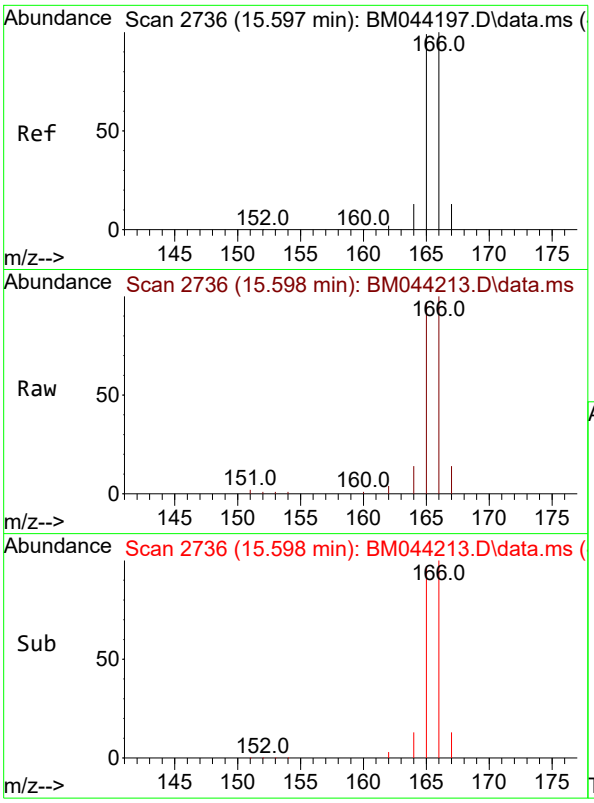


#11
Acenaphthene
Concen: 0.467 ng/ul
RT: 14.604 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:153 Resp: 11990

Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.6	61.0
154	89.1	70.1	105.1



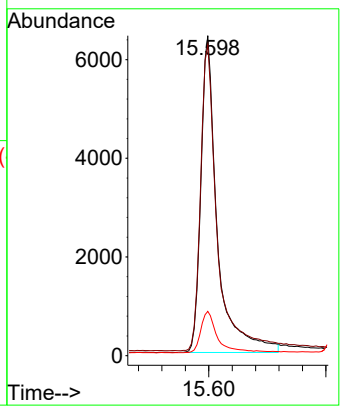


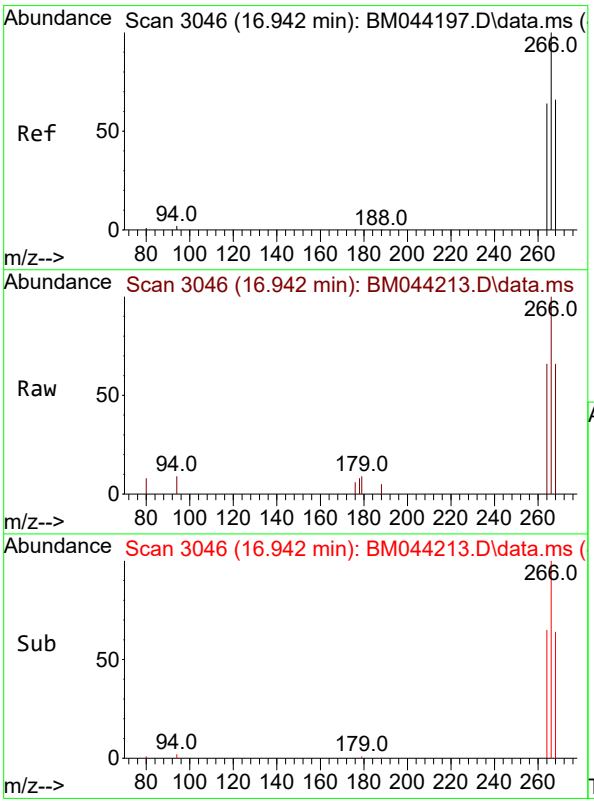
#12
Fluorene
Concen: 0.434 ng/ul
RT: 15.598 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 12562

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.6
167	13.8	11.1	16.7

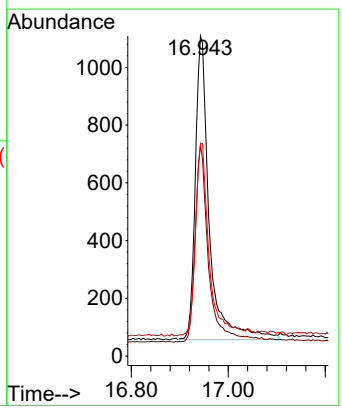


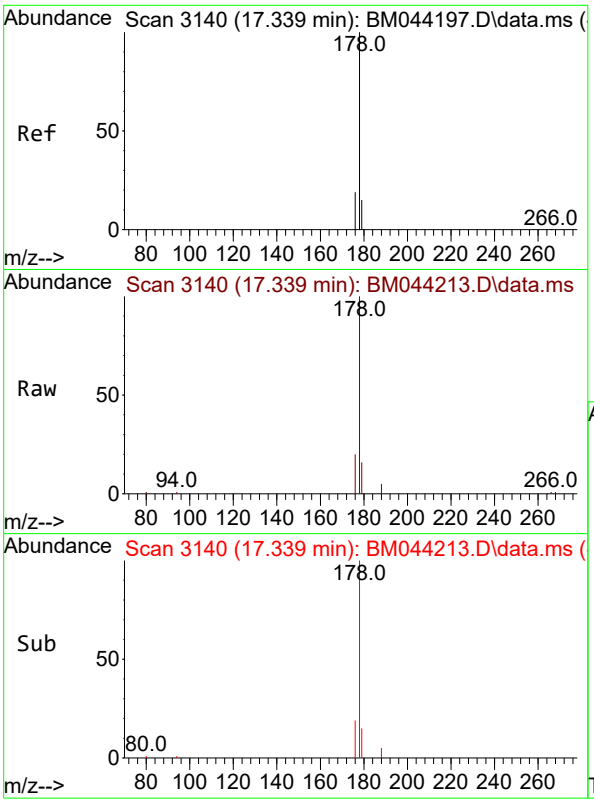


#14
Pentachlorophenol
Concen: 0.417 ng/ul
RT: 16.942 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:266 Resp: 2112

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.4	74.0
268	62.6	52.1	78.1



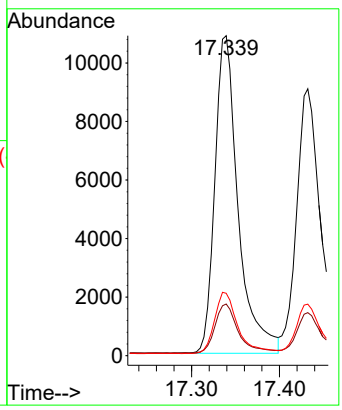


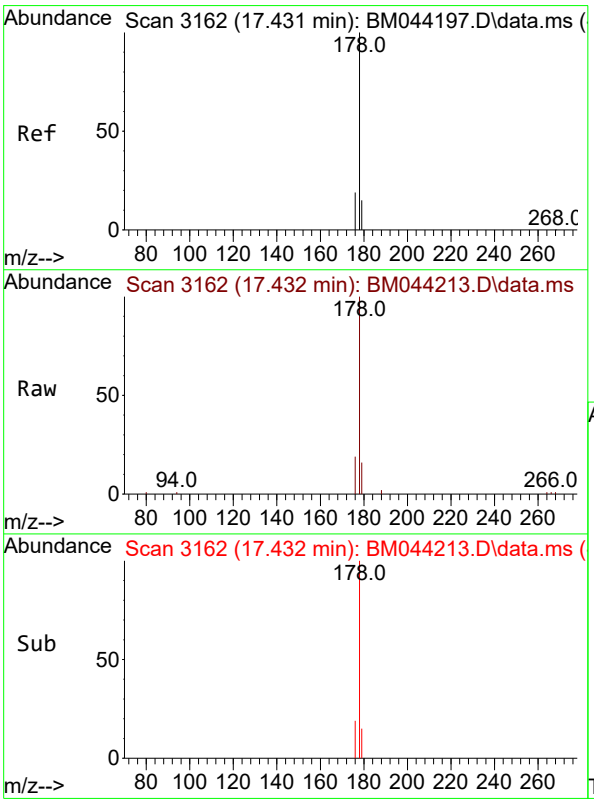
#15
Phenanthrene
Concen: 0.446 ng/ul
RT: 17.339 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 19973

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.5	16.0	24.0

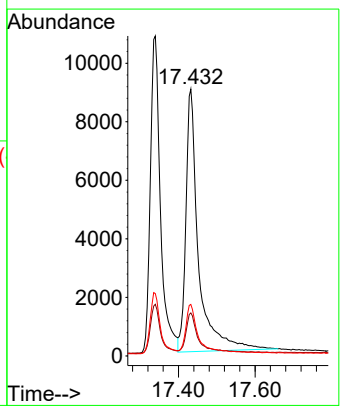


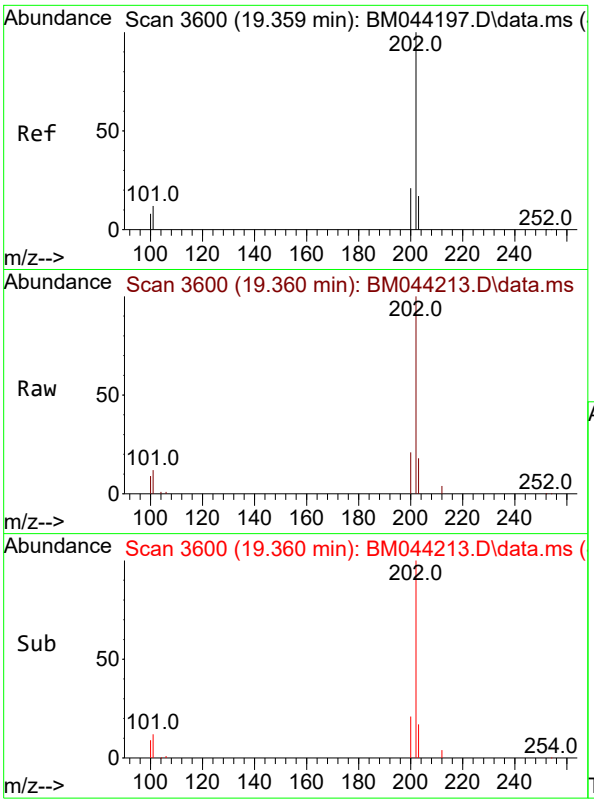


#16
Anthracene
Concen: 0.464 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.003 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:178 Resp: 20565

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.3	15.3	22.9



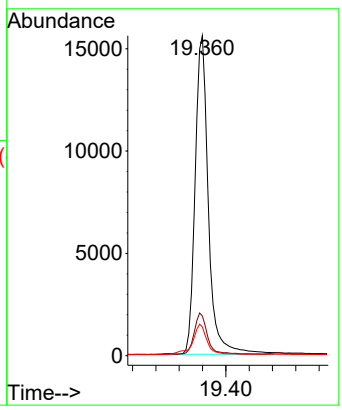


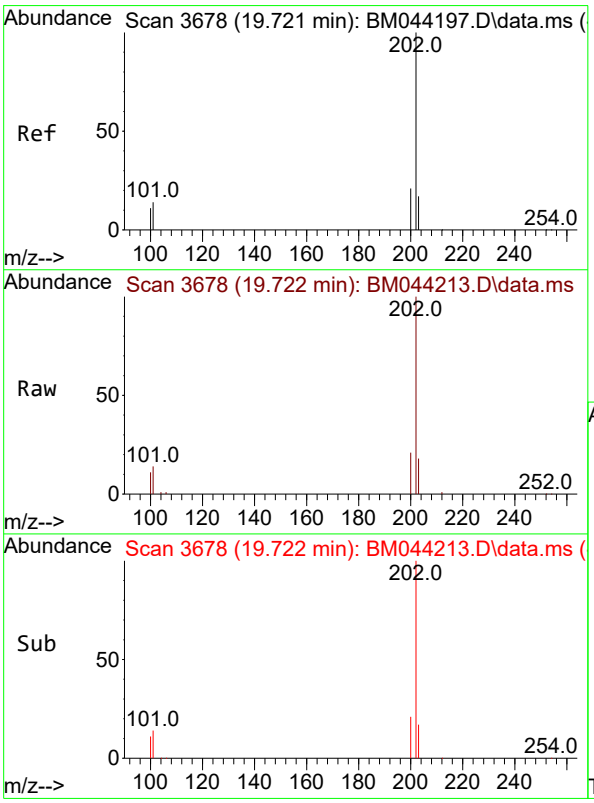
#19
Fluoranthene
Concen: 0.504 ng/ul
RT: 19.360 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 24584

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
100	9.0	7.0	10.4

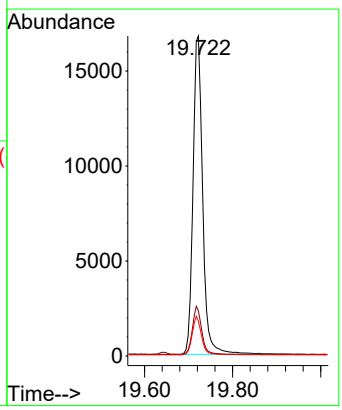


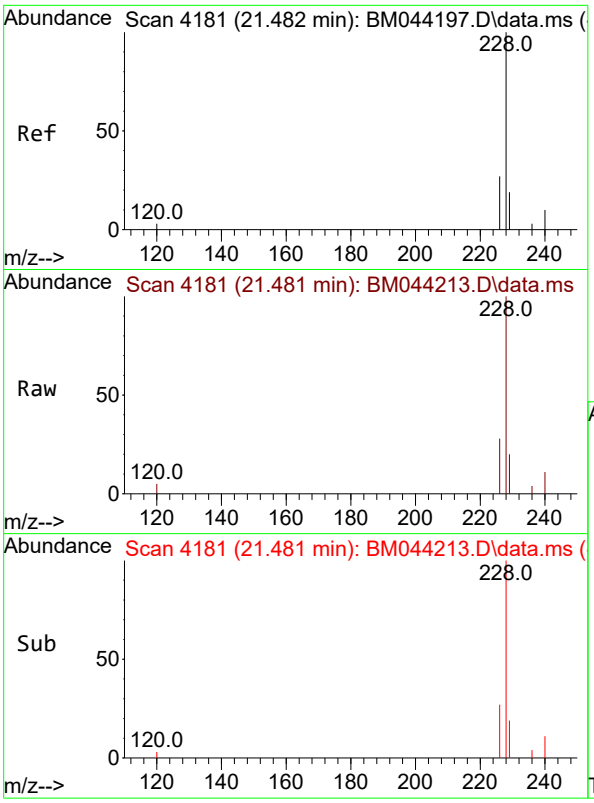


#20
Pyrene
Concen: 0.501 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:202 Resp: 25711

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	10.9	8.6	13.0



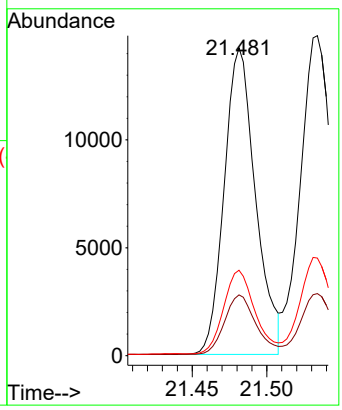


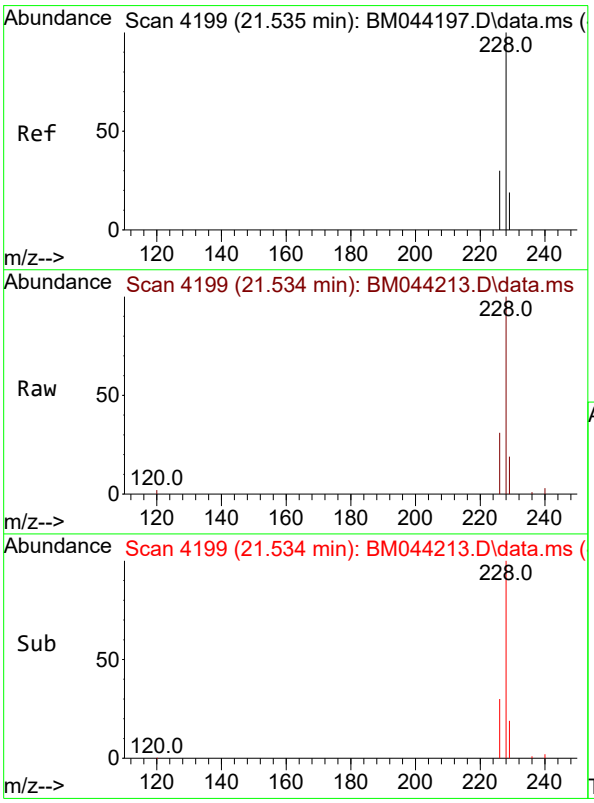
#21
Benzo(a)anthracene
Concen: 0.423 ng/ul
RT: 21.481 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 20746

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.2
226	27.8	22.1	33.1

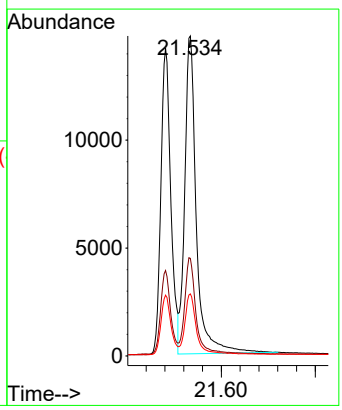


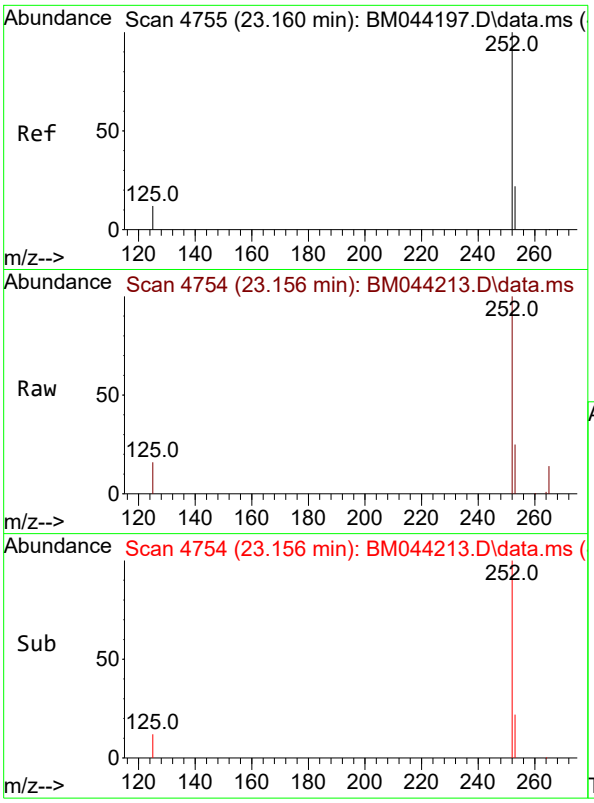


#22
Chrysene
Concen: 0.478 ng/ul
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:228 Resp: 25262

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.4	15.8	23.6



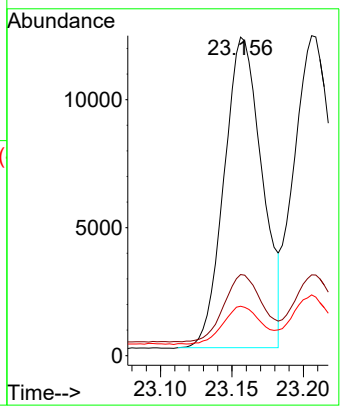


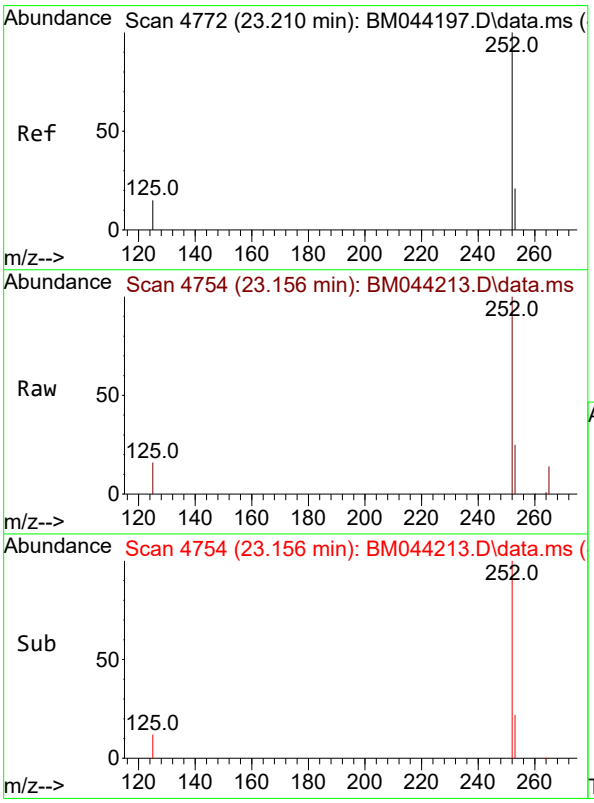
#24
Benzo(b)fluoranthene
Concen: 0.436 ng/ul
RT: 23.156 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 22506

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	50.0
125	15.5	0.0	28.2

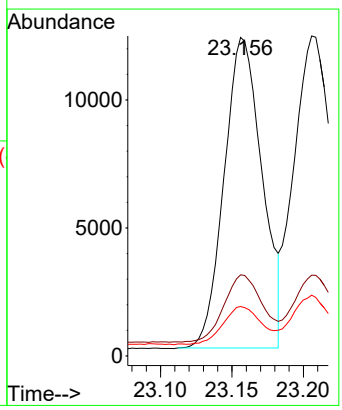


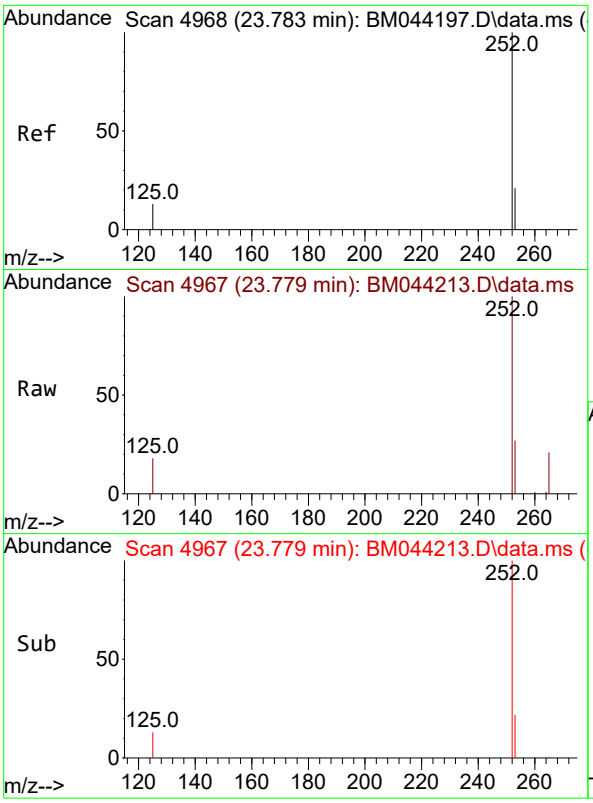


#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.156 min Scan# 4754
Delta R.T. -0.056 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:252 Resp: 22506

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.1	30.1
125	15.5	12.3	18.5



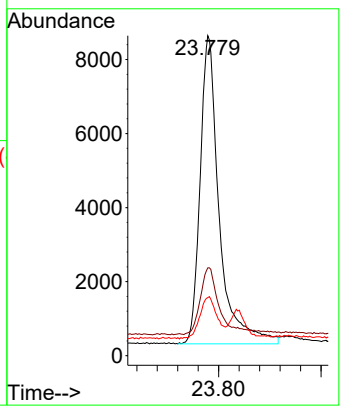


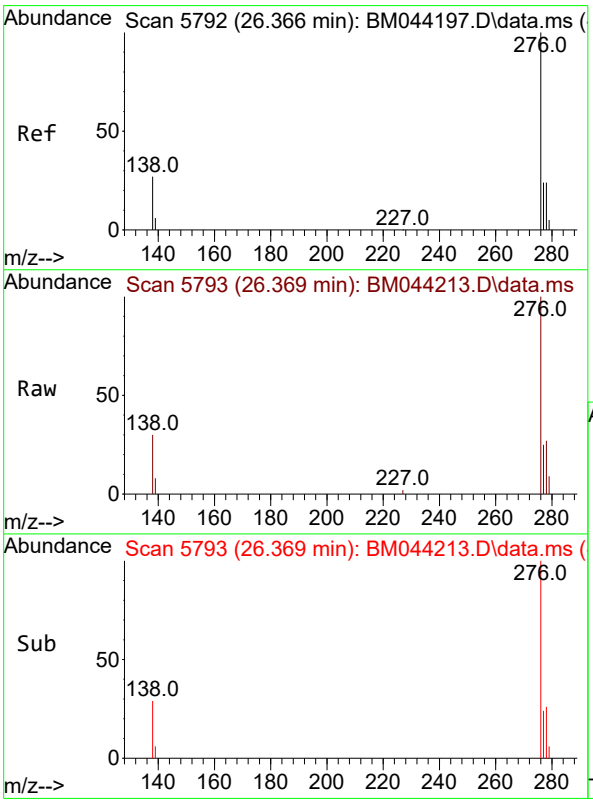
#26
Benzo(a)pyrene
Concen: 0.450 ng/ul
RT: 23.779 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 21547

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.4	32.2
125	18.2	13.3	19.9

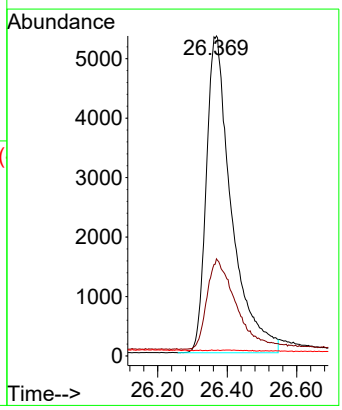


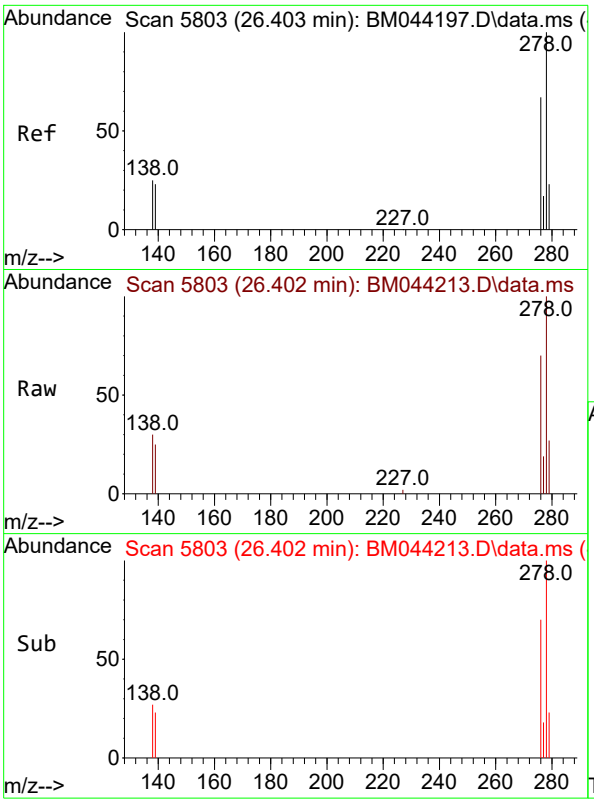


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng/ul
RT: 26.369 min Scan# 5793
Delta R.T. -0.001 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:276 Resp: 26720

Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.2	37.8
227	0.0	0.1	0.1#



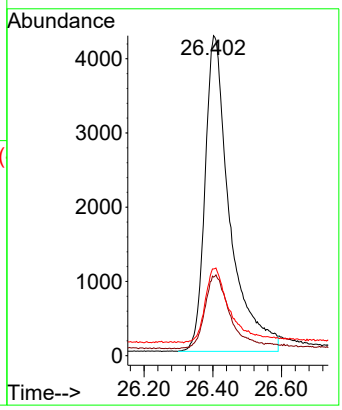


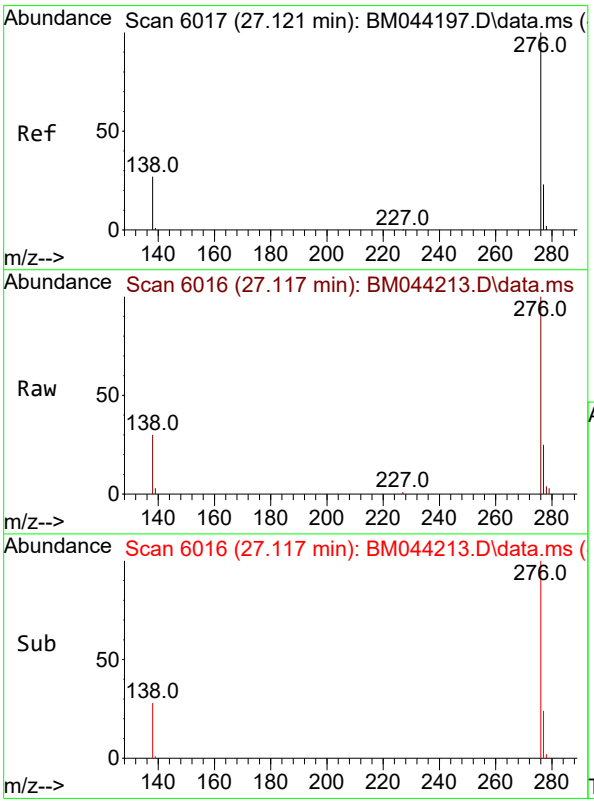
#28
Dibenzo(a,h)anthracene
Concen: 0.442 ng/ul
RT: 26.402 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 21249

Ion	Ratio	Lower	Upper
278	100		
139	24.5	17.8	26.8
279	27.1	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 27.117 min Scan# 6016
Delta R.T. -0.011 min
Lab File: BM044213.D
Acq: 20 Feb 2024 19:46

Tgt Ion:276 Resp: 23598

Ion	Ratio	Lower	Upper
276	100		
138	29.7	22.7	34.1
277	24.6	19.0	28.6