Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040039.D
Acq On : 26 May 2023 16:35
Operator : CG/JU
Sample : 02851-03MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Quant Time: May 26 19:00:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 15:01:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	7295	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	22057	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	9132	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.391	188	16754	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	10095	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	11080	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	5762	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	9838	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	12624	0.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.418	88	14714	1.646	ng/ul	94
5) Naphthalene	10.877	128	21233	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	12038	0.370	ng/ul	99
8) 1-Methylnaphthalene	12.697	142	12153	0.359	ng/ul	99
10) Acenaphthylene	14.369	152	14518	0.399	ng/ul	100
11) Acenaphthene	14.711	153	12018	0.406	ng/ul	99
12) Fluorene	15.692	166	12123	0.393	ng/ul	98
14) Pentachlorophenol	17.037	266	2182	0.642	ng/ul	99
15) Phenanthrene	17.429	178	19042	0.401	ng/ul	99
16) Anthracene	17.522	178	15797	0.397	ng/ul	99
19) Fluoranthene	19.440	202	18582	0.409	ng/ul	98
20) Pyrene	19.802	202	19366	0.421	ng/ul	99
21) Benzo(a)anthracene	21.550	228	14926	0.439	ng/ul	99
22) Chrysene	21.602	228	15504	0.429	ng/ul	99
24) Benzo(b)fluoranthene	23.266	252	18030	0.410	ng/ul	95
25) Benzo(k)fluoranthene	23.315	252	17293	0.390	ng/ul	98
26) Benzo(a)pyrene	23.906	252	15016	0.408	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.558	276	21346	0.403	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.578	278	16774	0.392	ng/ul	100
29) Benzo(g,h,i)perylene	27.339	276	17859	0.411	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
Data File : BM040039.D
Acq On : 26 May 2023 16:35
Operator : CG/JU
Sample : 02851-03MSD
Misc :
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Instrument :
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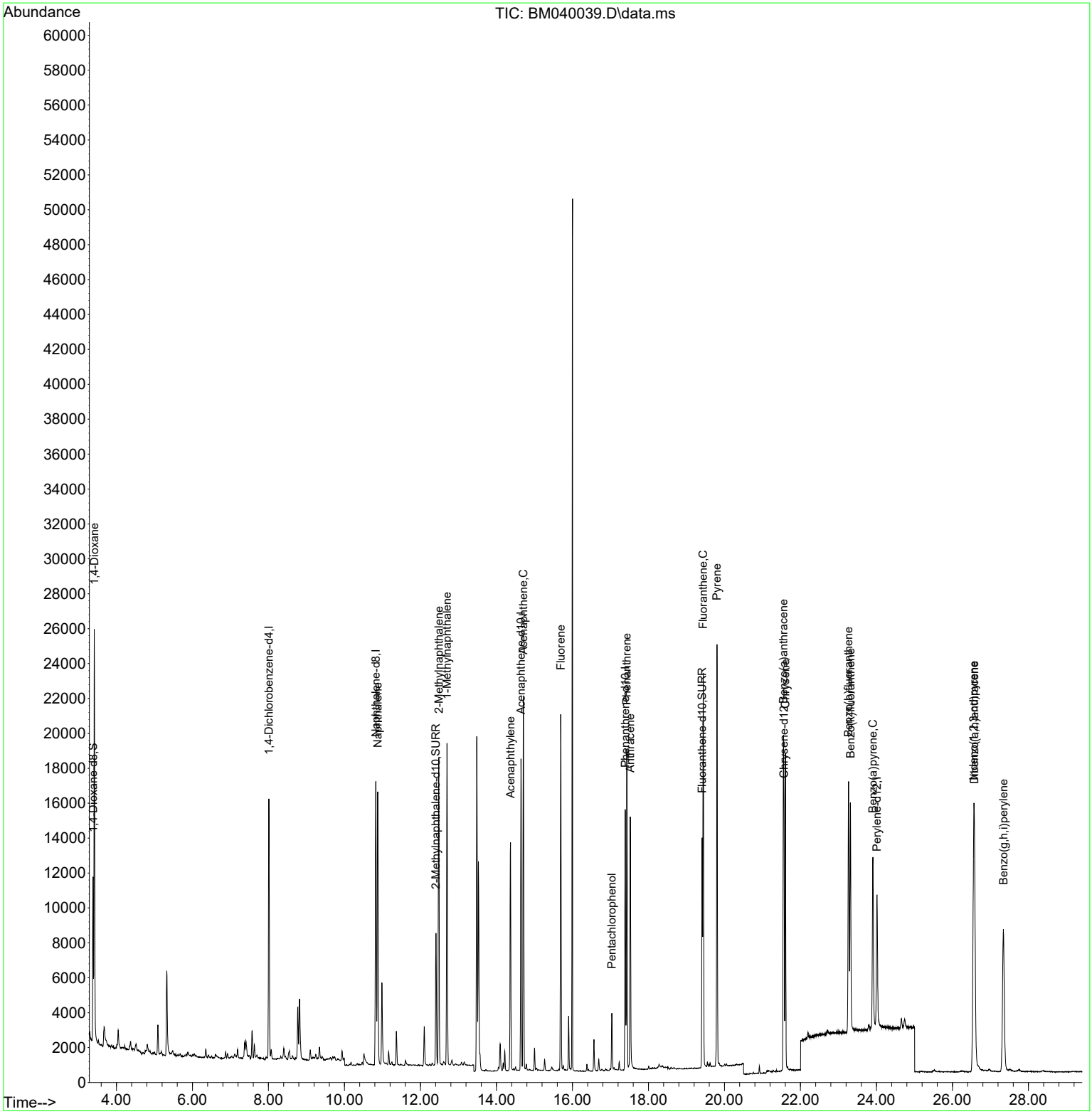
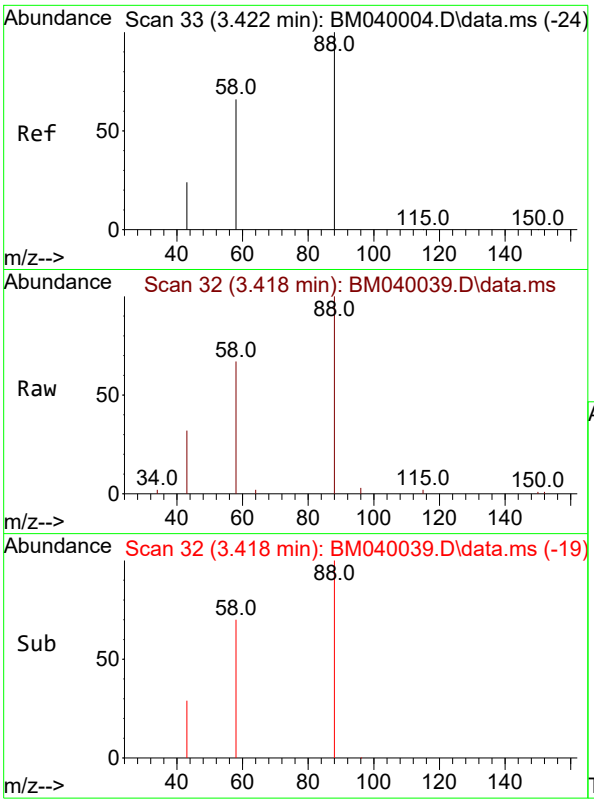
Quant Time: May 26 19:00:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 15:01:16 2023
Response via : Initial Calibration



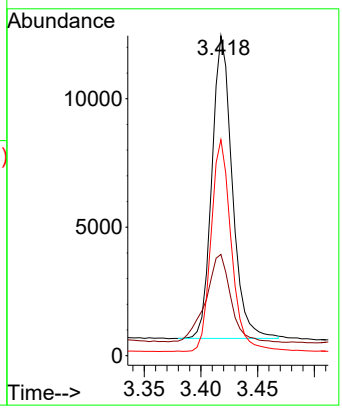


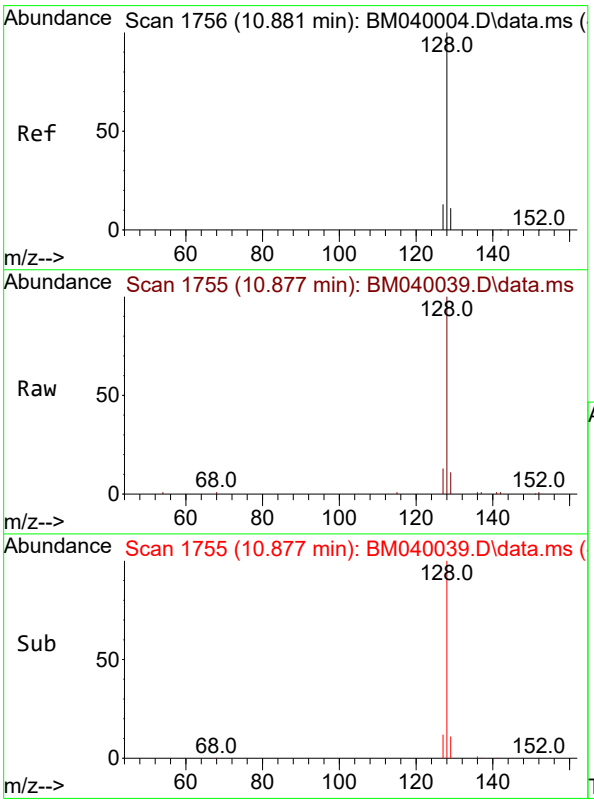
#2
1,4-Dioxane
Concen: 1.646 ng/ul
RT: 3.418 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion: 88 Resp: 14714

Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.9	38.9
58	67.5	48.5	72.7

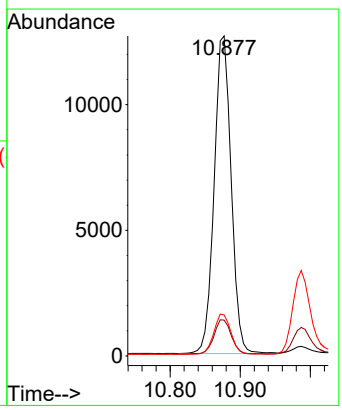


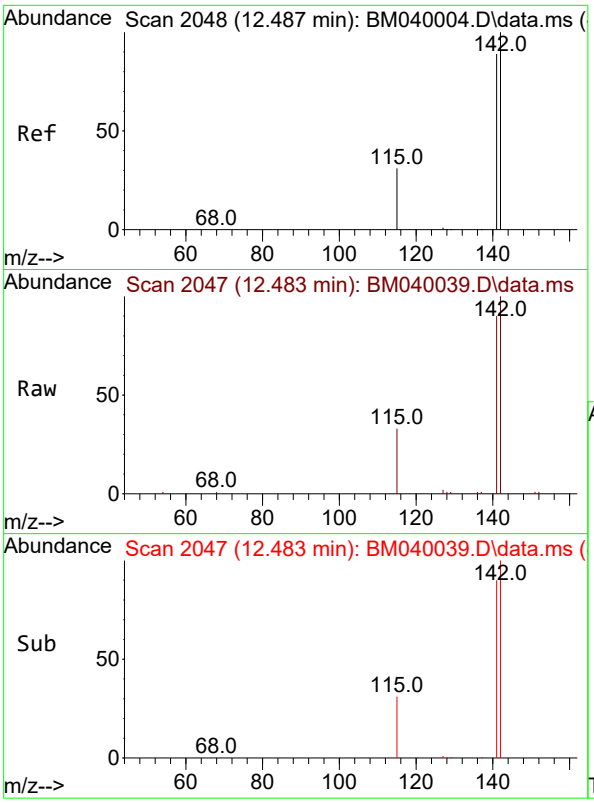


#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:128 Resp: 21233

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.9	10.5	15.7



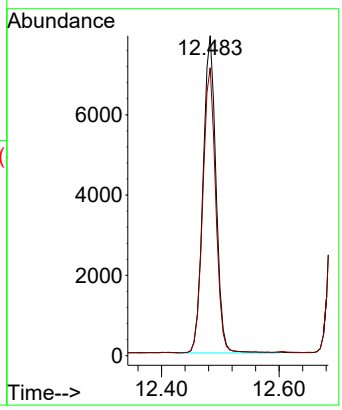


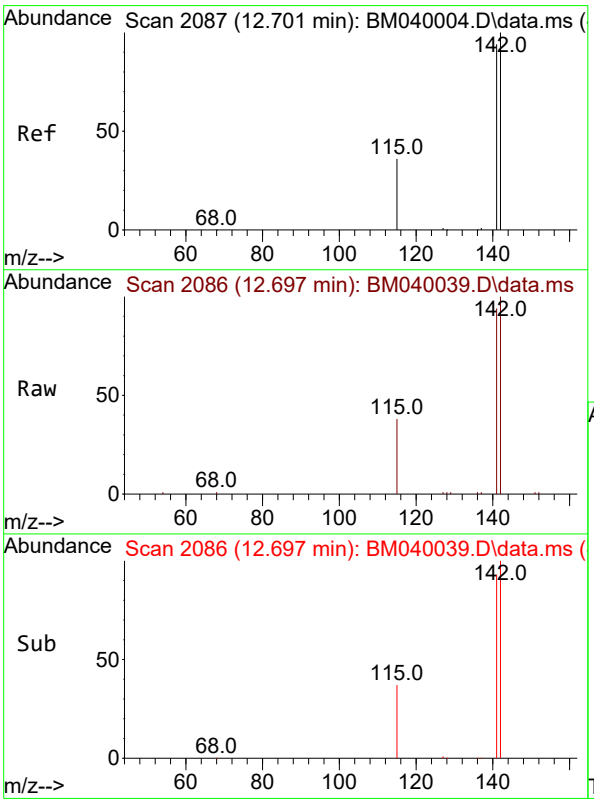
#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.483 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:142 Resp: 12038

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9

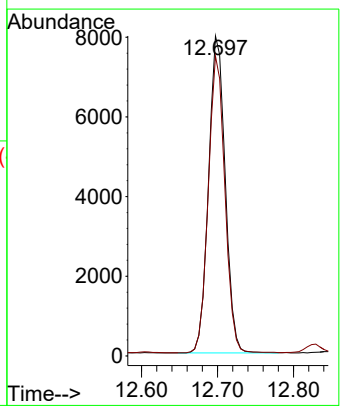


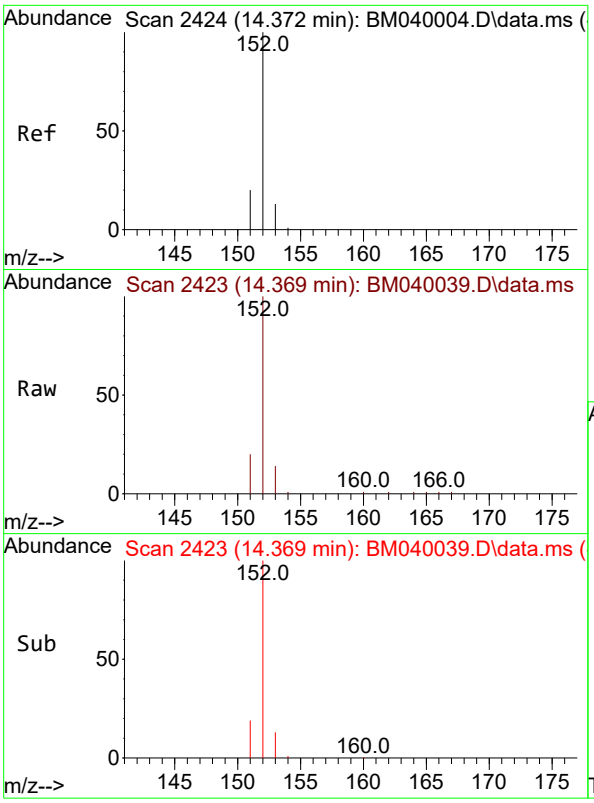


#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:142 Resp: 12153

Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.8	110.6



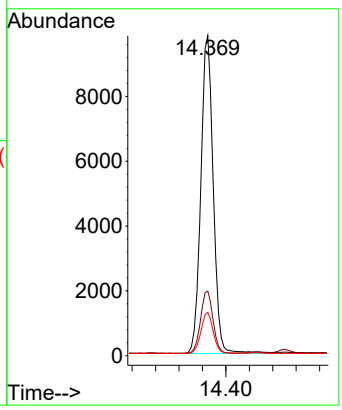


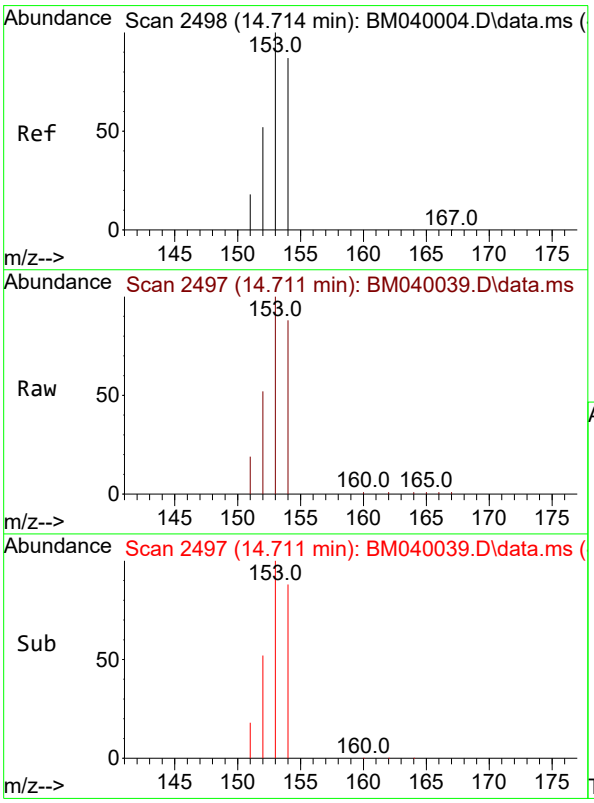
#10
Acenaphthylene
Concen: 0.399 ng/ul
RT: 14.369 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:152 Resp: 14518

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.6	10.6	16.0

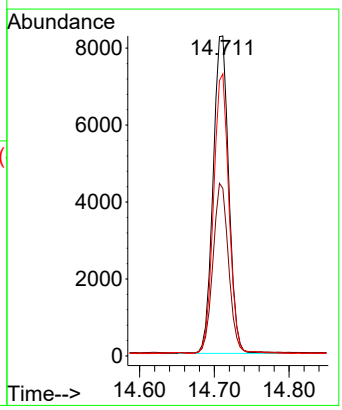


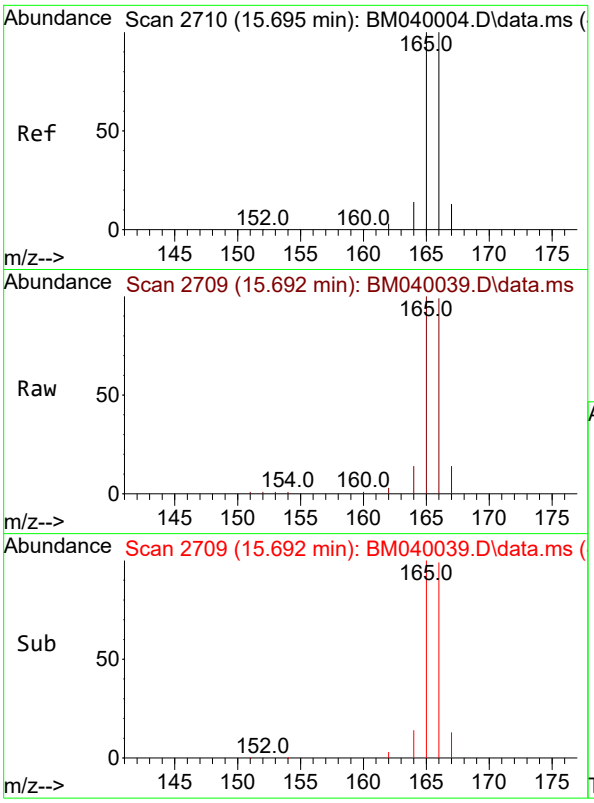


#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.711 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:153 Resp: 12018

Ion	Ratio	Lower	Upper
153	100		
152	52.4	42.0	63.0
154	88.2	69.4	104.2



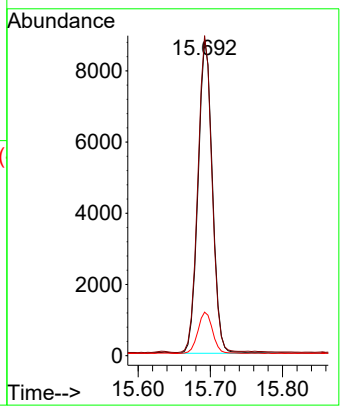


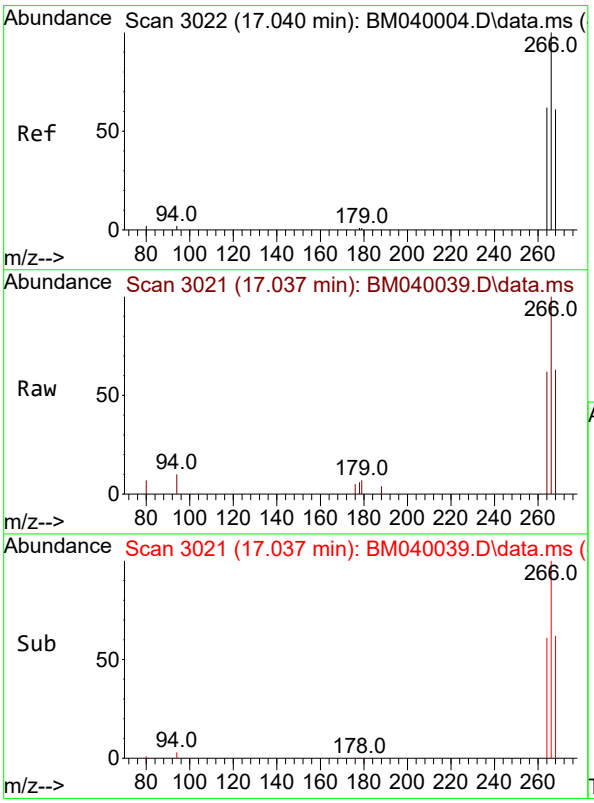
#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.692 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:166 Resp: 12123

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.3	118.9
167	13.8	10.8	16.2

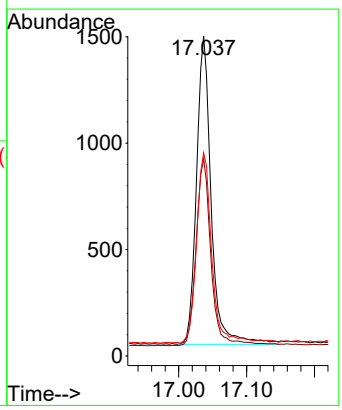


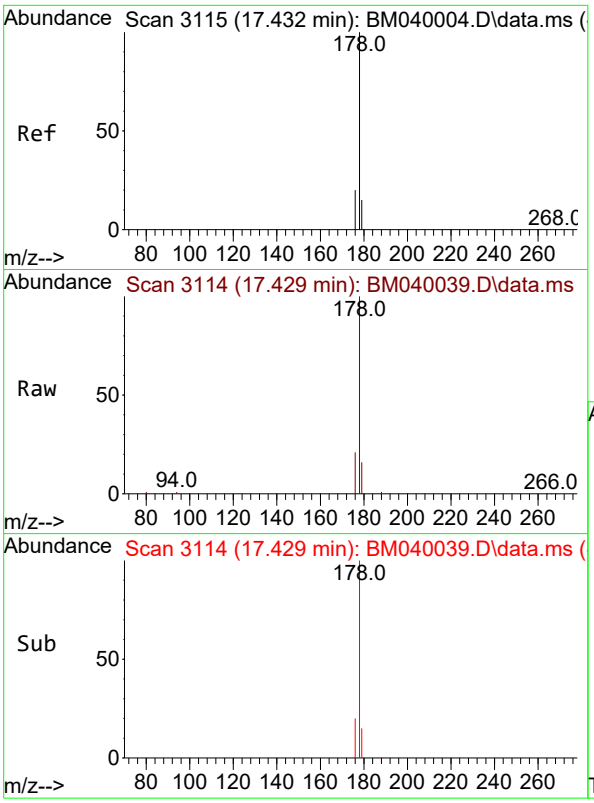


#14
Pentachlorophenol
Concen: 0.642 ng/ul
RT: 17.037 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:266 Resp: 2182

Ion	Ratio	Lower	Upper
266	100		
264	62.0	49.2	73.8
268	63.4	51.9	77.9



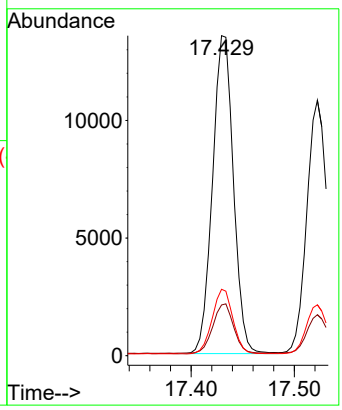


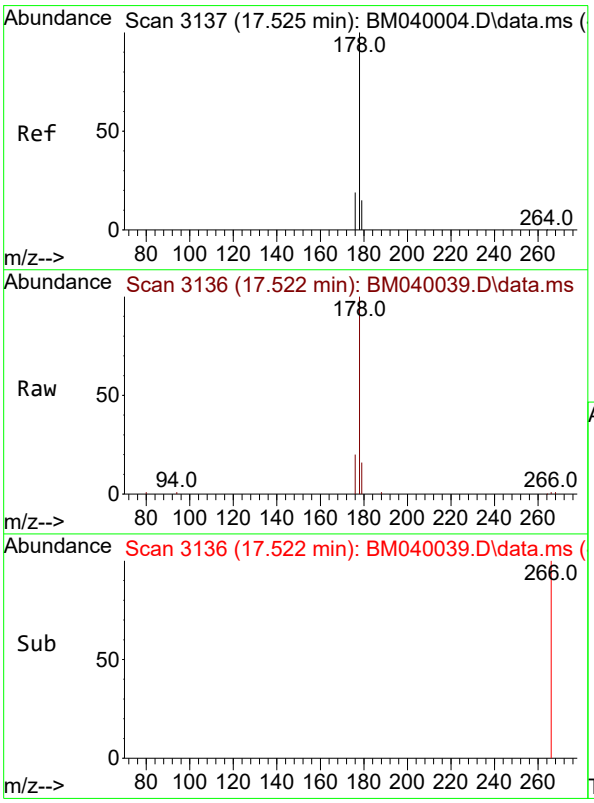
#15
Phenanthrene
Concen: 0.401 ng/ul
RT: 17.429 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:178 Resp: 19042

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	20.8	16.3	24.5

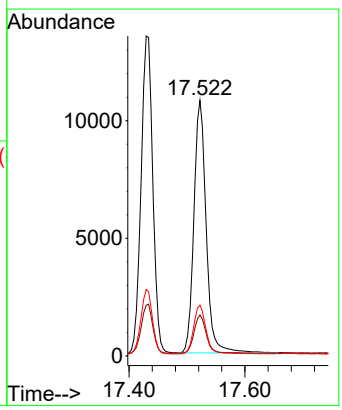


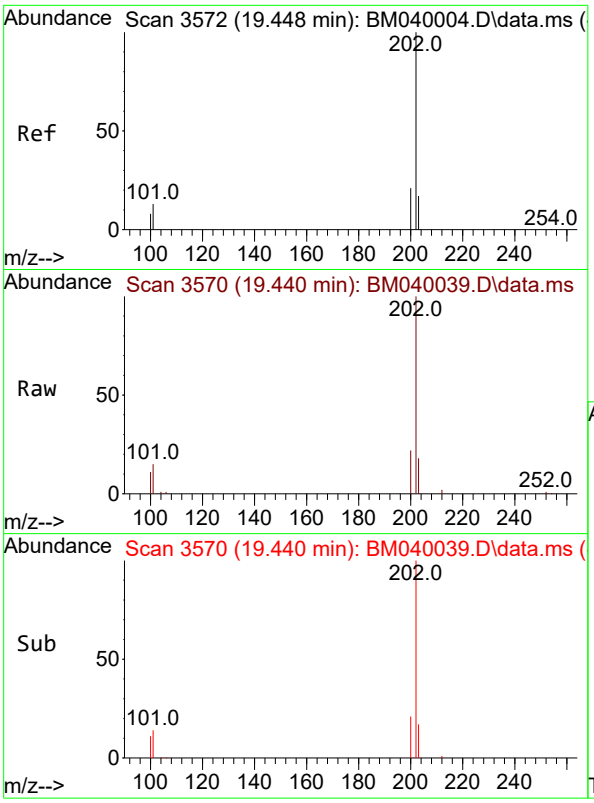


#16
Anthracene
Concen: 0.397 ng/ul
RT: 17.522 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:178 Resp: 15797

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.9	15.5	23.3



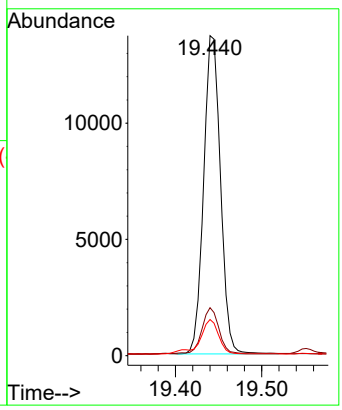


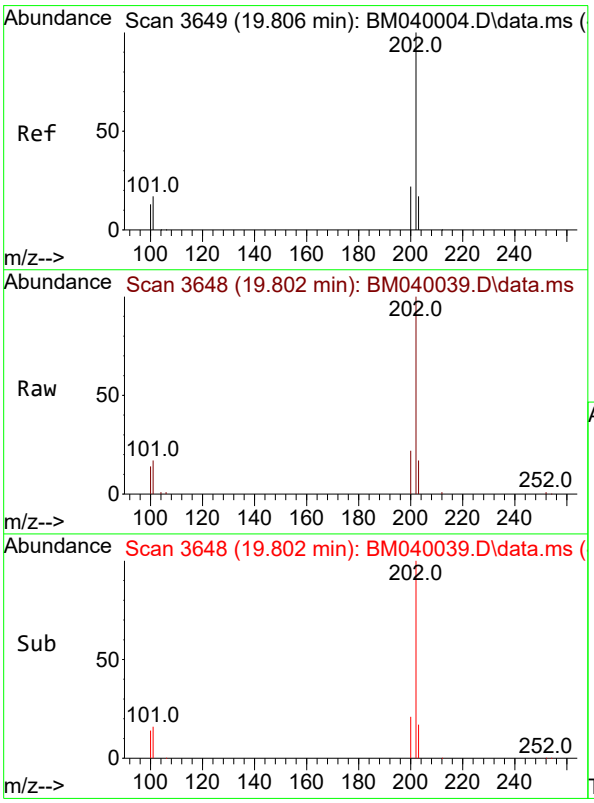
#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:202 Resp: 18582

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.5	17.3
100	11.3	8.5	12.7

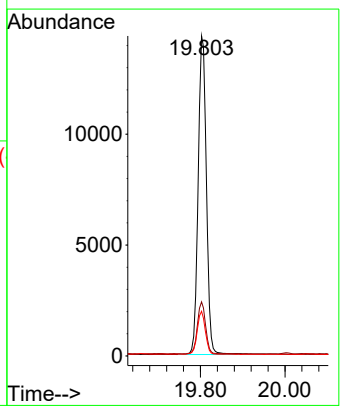


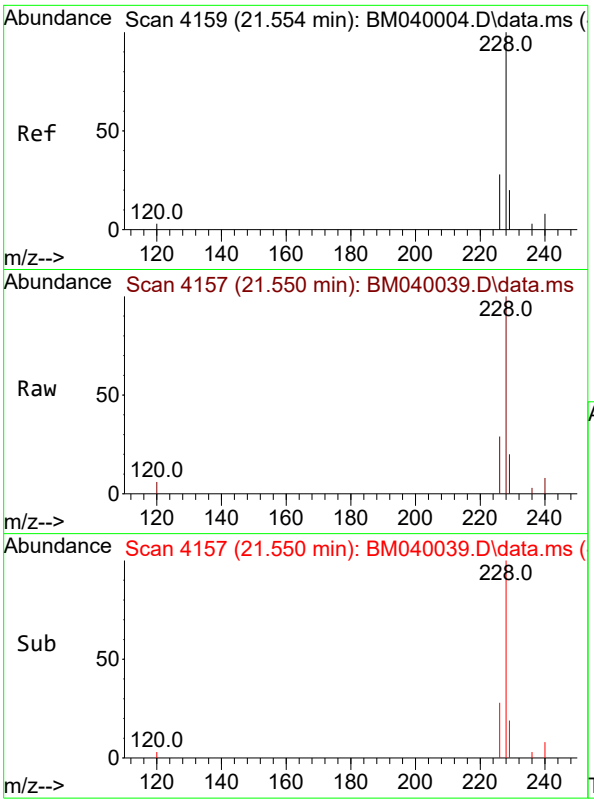


#20
Pyrene
Concen: 0.421 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:202 Resp: 19366

Ion	Ratio	Lower	Upper
202	100		
101	16.9	13.3	19.9
100	14.0	10.9	16.3



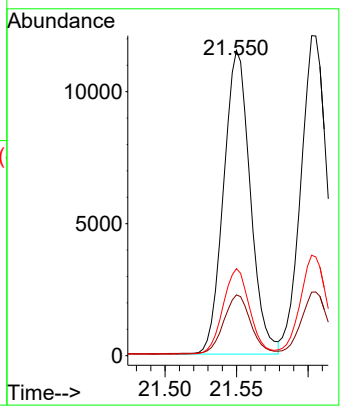


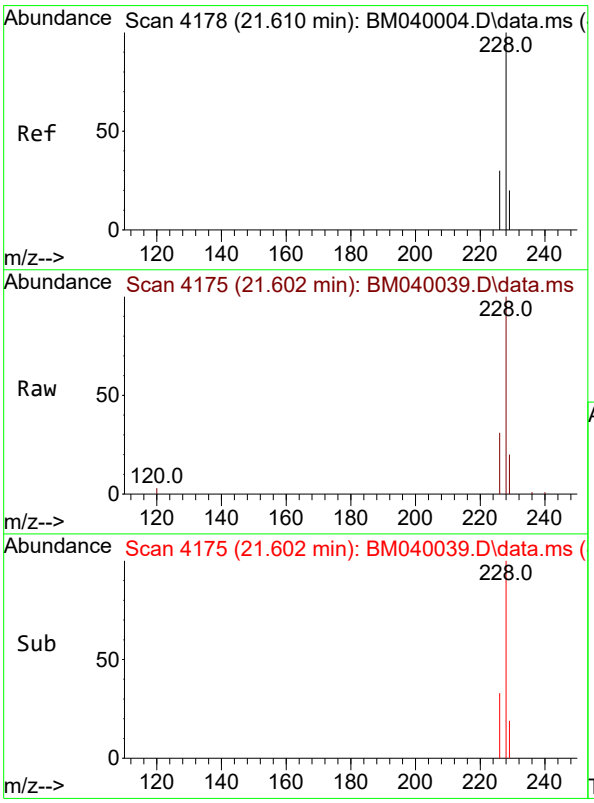
#21
Benzo(a)anthracene
Concen: 0.439 ng/ul
RT: 21.550 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:228 Resp: 14926

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	28.5	22.5	33.7

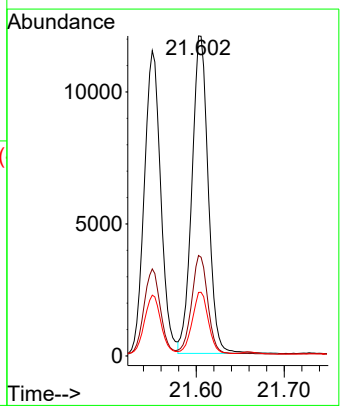


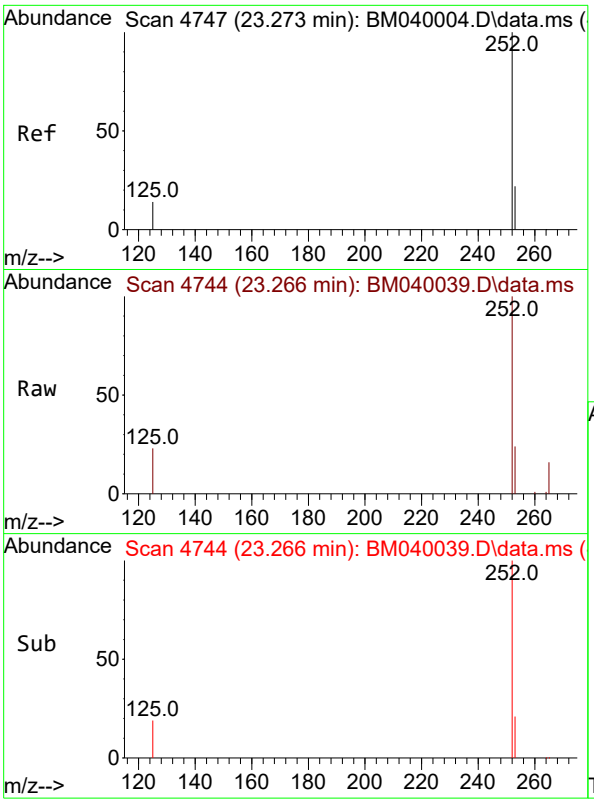


#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.602 min Scan# 4175
Delta R.T. -0.009 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:228 Resp: 15504

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	36.8
229	19.8	15.6	23.4



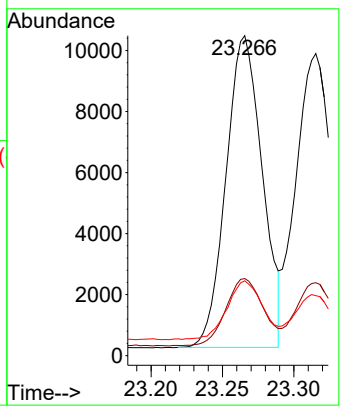


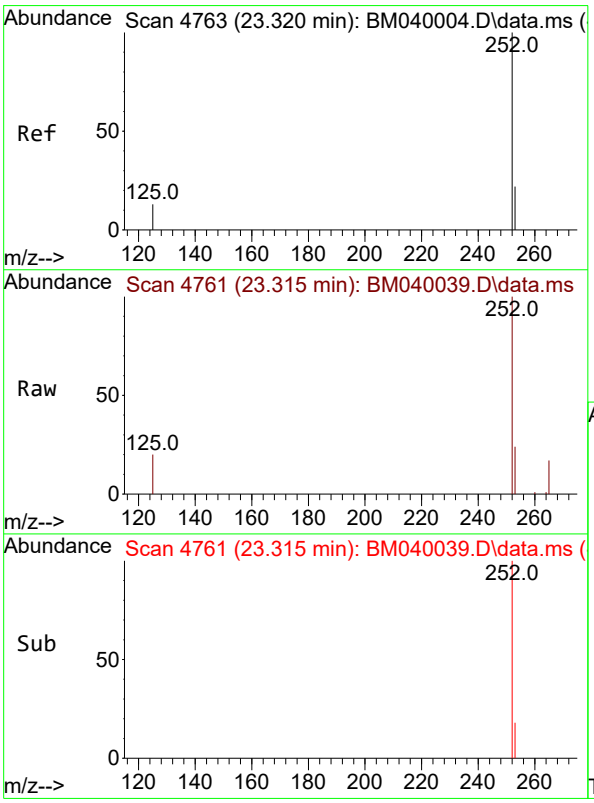
#24
Benzo(b)fluoranthene
Concen: 0.410 ng/ul
RT: 23.266 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:252 Resp: 18030

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	49.8
125	23.4	0.0	39.2

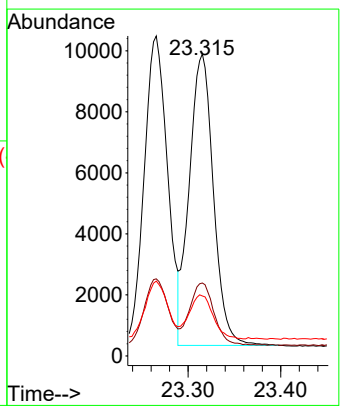


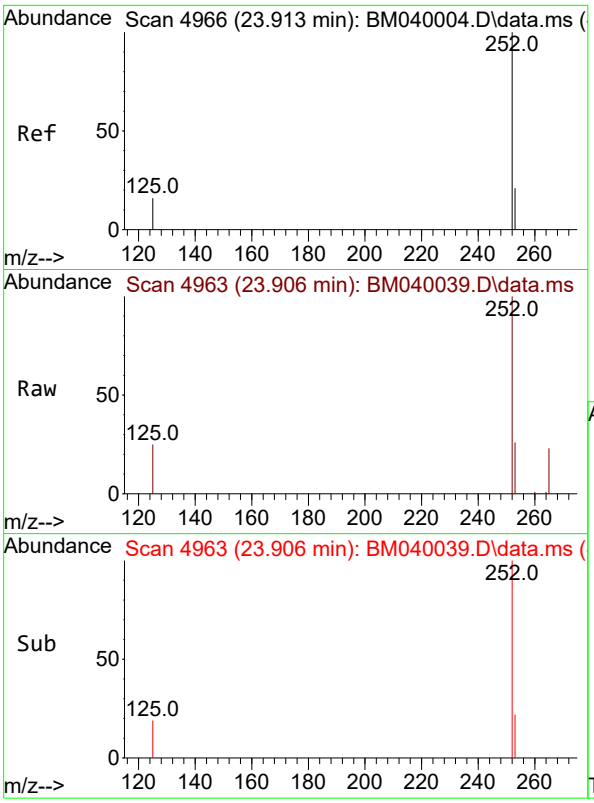


#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.315 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:252 Resp: 17293

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.7	29.5
125	19.9	15.0	22.4



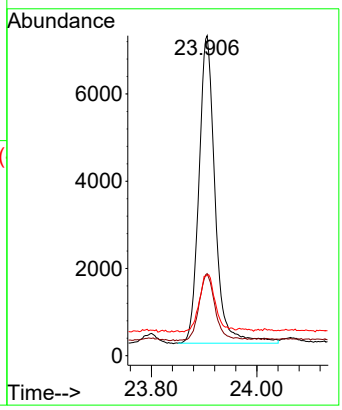


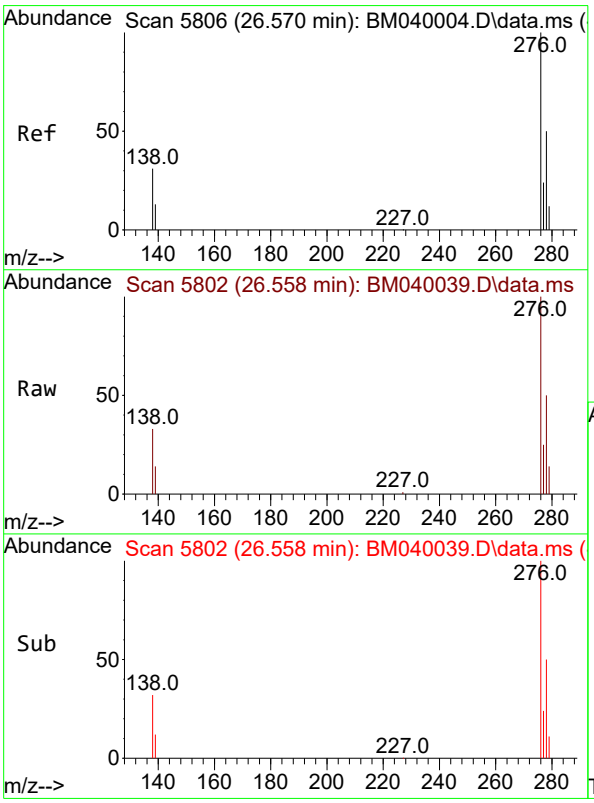
#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 23.906 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:252 Resp: 15016

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.6	31.0
125	25.2	19.1	28.7

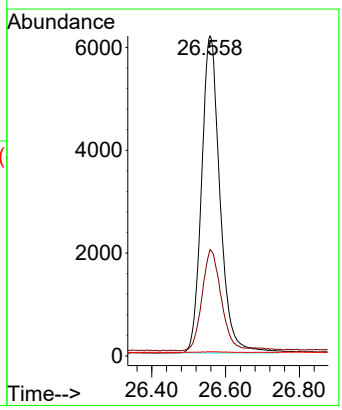


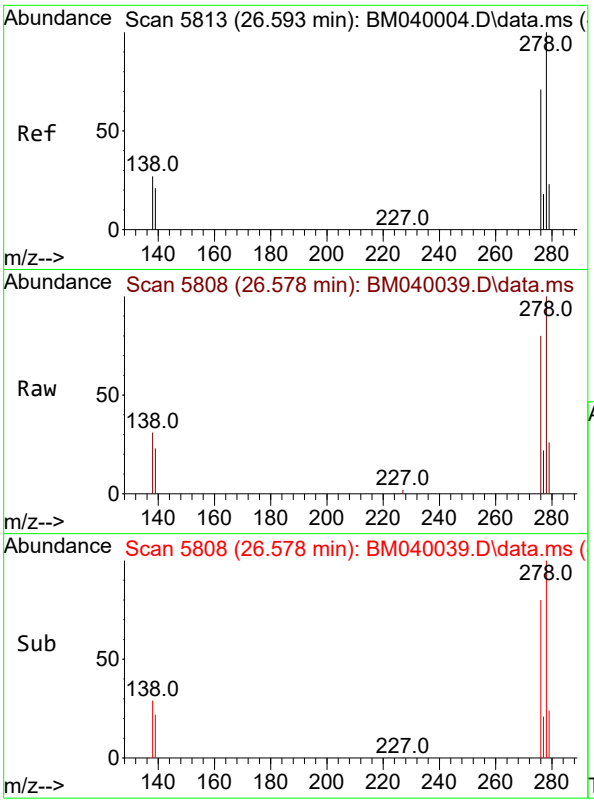


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 26.558 min Scan# 5802
Delta R.T. -0.013 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:276 Resp: 21346

Ion	Ratio	Lower	Upper
276	100		
138	34.2	26.9	40.3
227	0.2	0.1	0.1#



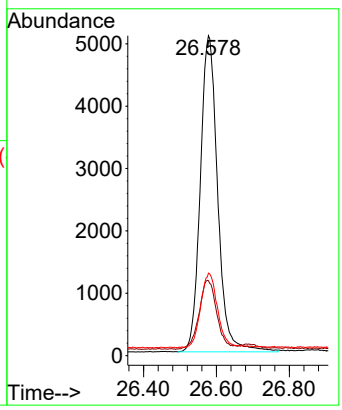


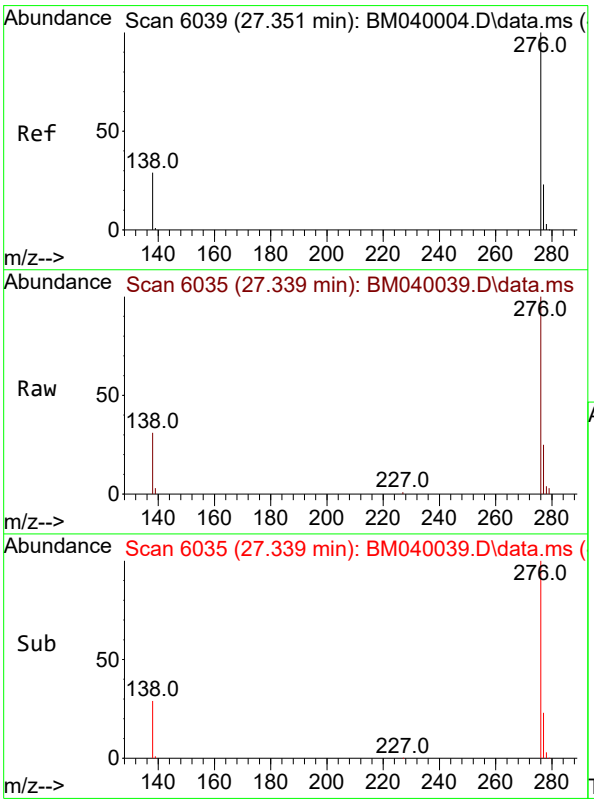
#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.578 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Instrument :
BNA_M
ClientSampleId :
H0FJ2MSD

Tgt Ion:278 Resp: 16774

Ion	Ratio	Lower	Upper
278	100		
139	23.5	19.0	28.4
279	25.8	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.339 min Scan# 6035
Delta R.T. -0.017 min
Lab File: BM040039.D
Acq: 26 May 2023 16:35

Tgt Ion:276 Resp: 17859

Ion	Ratio	Lower	Upper
276	100		
138	31.1	23.9	35.9
277	24.6	19.5	29.3