Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051923\
Data File : BM039958.D
Acq On : 19 May 2023 14:27
Operator : CG/JU
Sample : SSTD3.269
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Quant Time: May 19 16:56:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 15:08:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	9500	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	28642	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	13934	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.400	188	21703	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	12824	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	10132	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.396	96	37961	3.046	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.428	152	110746	3.357	ng/ul	0.00
18) Fluoranthene-d10	19.421	212	121951	2.953	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	41618	3.108	ng/ul	94
5) Naphthalene	10.893	128	233345	3.164	ng/ul	99
7) 2-Methylnaphthalene	12.499	142	144364	3.470	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	147798	3.402	ng/ul	99
10) Acenaphthylene	14.383	152	193022	3.367	ng/ul	99
11) Acenaphthene	14.720	153	151089	3.207	ng/ul	99
12) Fluorene	15.706	166	160694	3.374	ng/ul	100
14) Pentachlorophenol	17.049	266	17465	3.890	ng/ul	97
15) Phenanthrene	17.442	178	207987	3.359	ng/ul	98
16) Anthracene	17.535	178	188844	3.727	ng/ul	99
19) Fluoranthene	19.454	202	191374	3.109	ng/ul	98
20) Pyrene	19.812	202	181625	2.982	ng/ul	99
21) Benzo(a)anthracene	21.558	228	131703	3.287	ng/ul	99
22) Chrysene	21.614	228	139324	2.992	ng/ul	100
24) Benzo(b)fluoranthene	23.280	252	135446	3.373	ng/ul	92
25) Benzo(k)fluoranthene	23.330	252	139839	3.362	ng/ul#	92
26) Benzo(a)pyrene	23.920	252	110354	3.398	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.588	276	162209	3.667	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.608	278	133555	3.761	ng/ul	94
29) Benzo(g,h,i)perylene	27.369	276	134313	3.542	ng/ul	96

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

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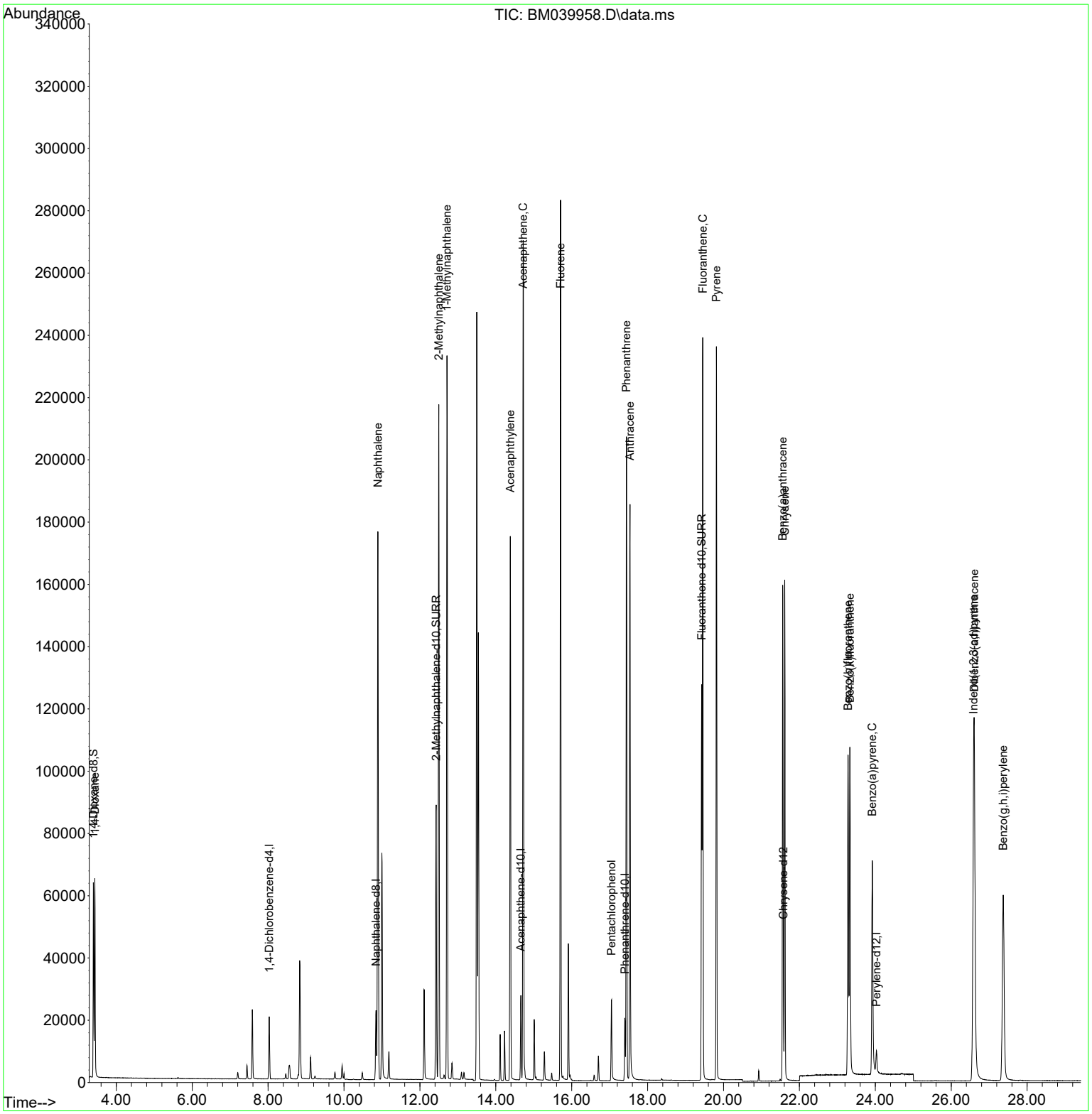
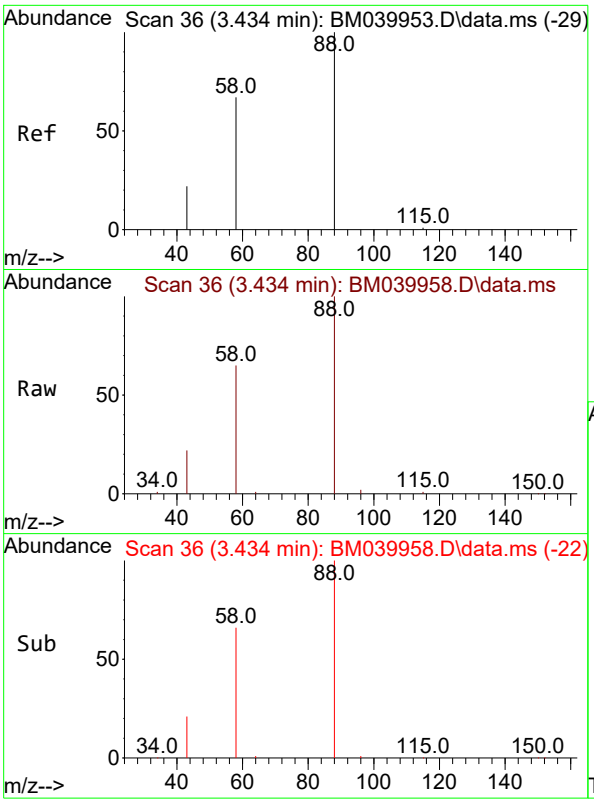


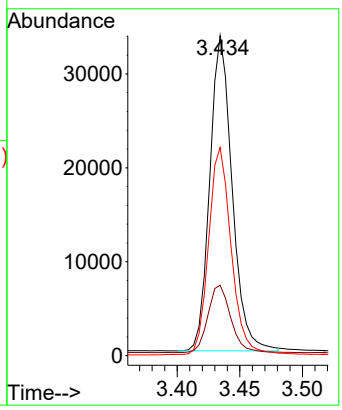


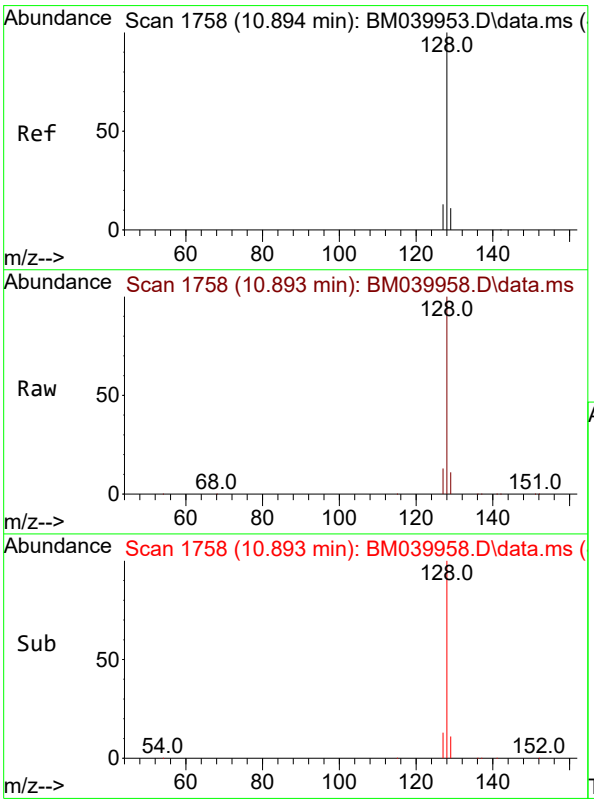
#2
1,4-Dioxane
Concen: 3.108 ng/ul
RT: 3.434 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion: 88 Resp: 41618

Ion	Ratio	Lower	Upper
88	100		
43	22.0	21.7	32.5
58	65.0	49.4	74.0

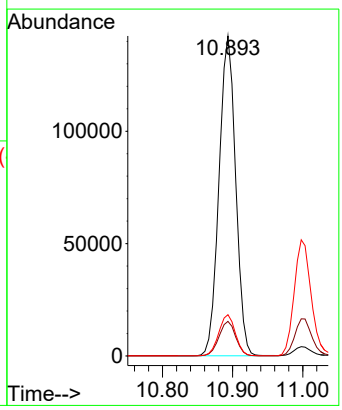


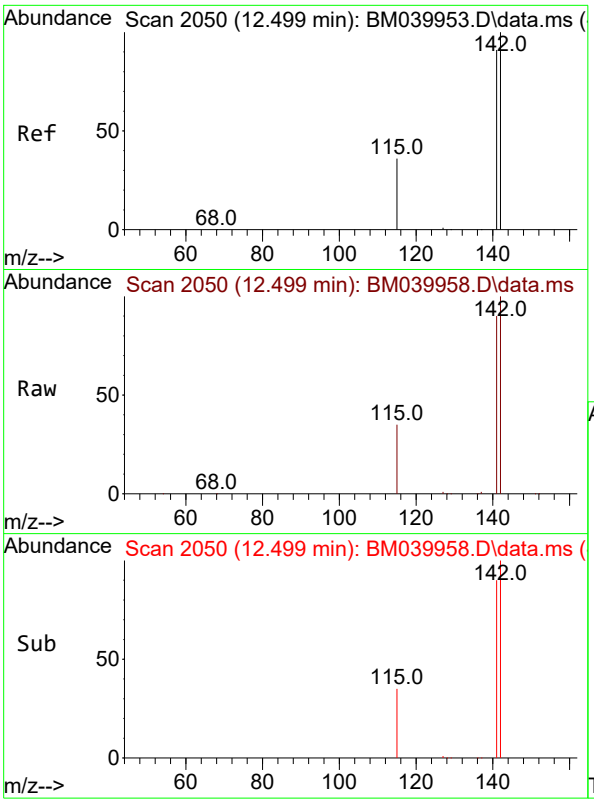


#5
Naphthalene
Concen: 3.164 ng/ul
RT: 10.893 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:128 Resp: 233345

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.9	10.4	15.6



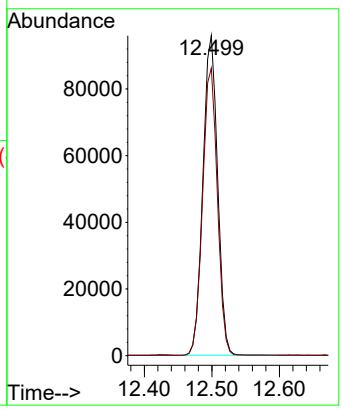


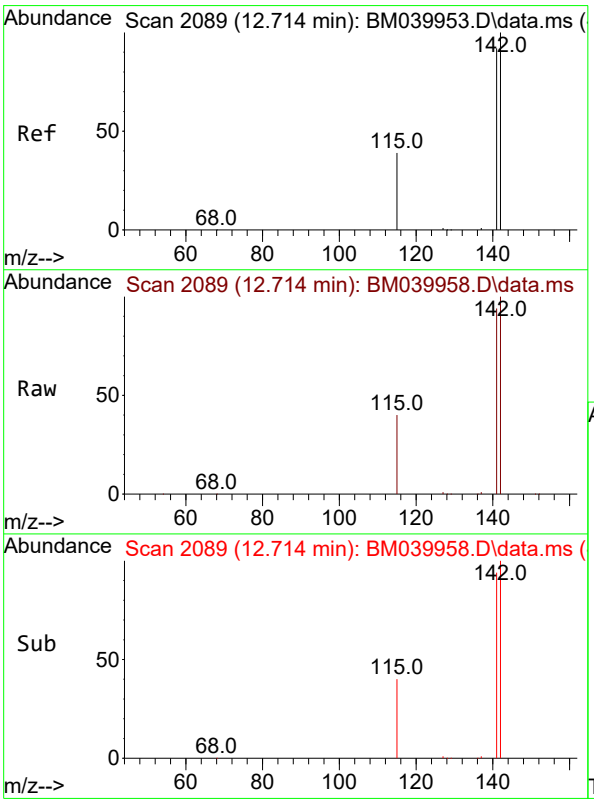
#7
2-Methylnaphthalene
Concen: 3.470 ng/ul
RT: 12.499 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:142 Resp: 144364

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.4	108.6

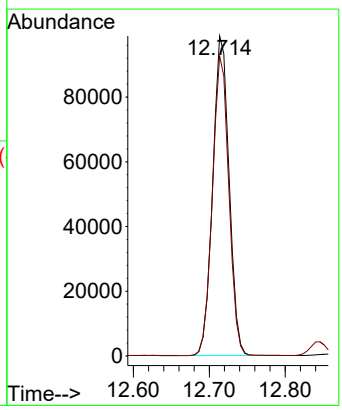


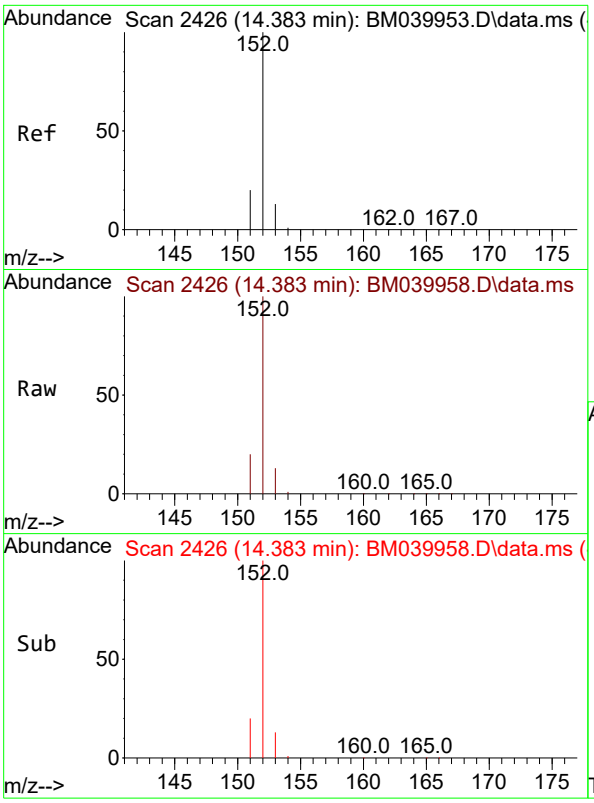


#8
1-Methylnaphthalene
Concen: 3.402 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:142 Resp: 147798

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.7	112.1



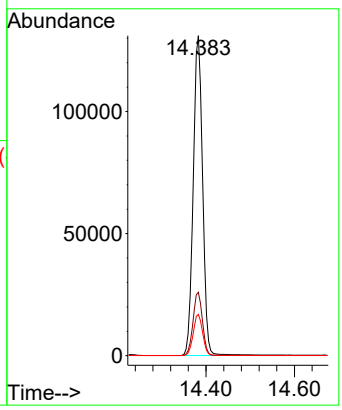


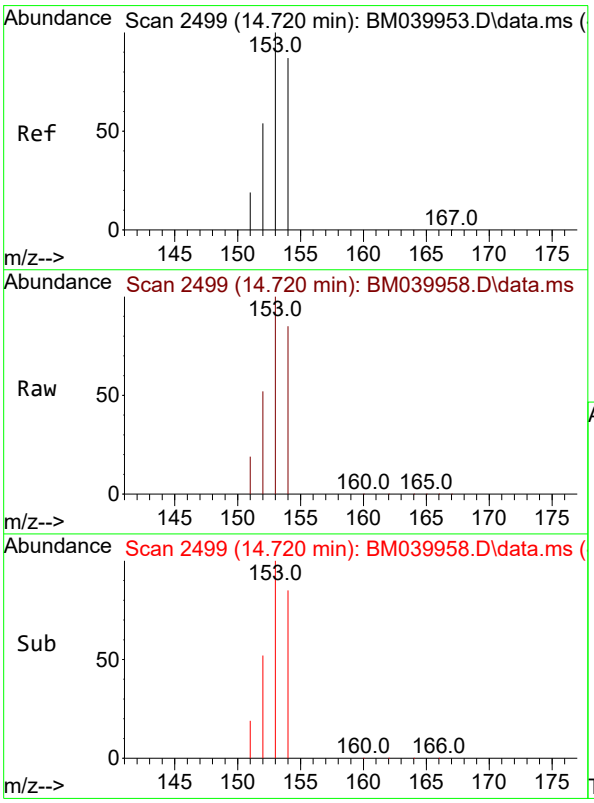
#10
Acenaphthylene
Concen: 3.367 ng/ul
RT: 14.383 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:152 Resp: 193022

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	12.9	10.6	15.8

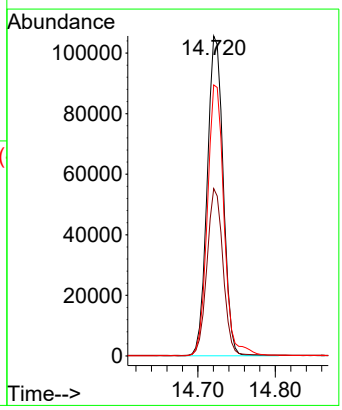


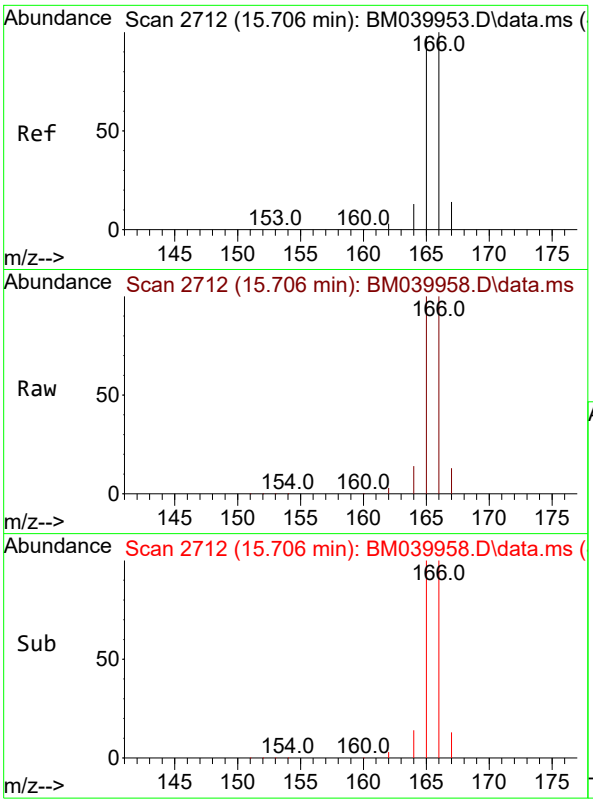


#11
Acenaphthene
Concen: 3.207 ng/ul
RT: 14.720 min Scan# 2499
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:153 Resp: 151089

Ion	Ratio	Lower	Upper
153	100		
152	52.3	43.5	65.3
154	84.7	67.8	101.6



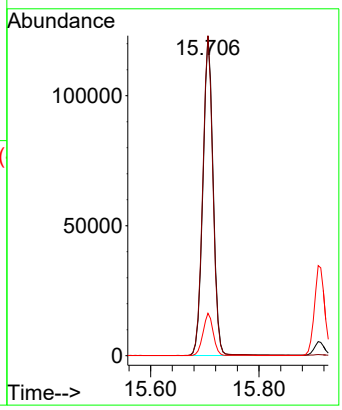


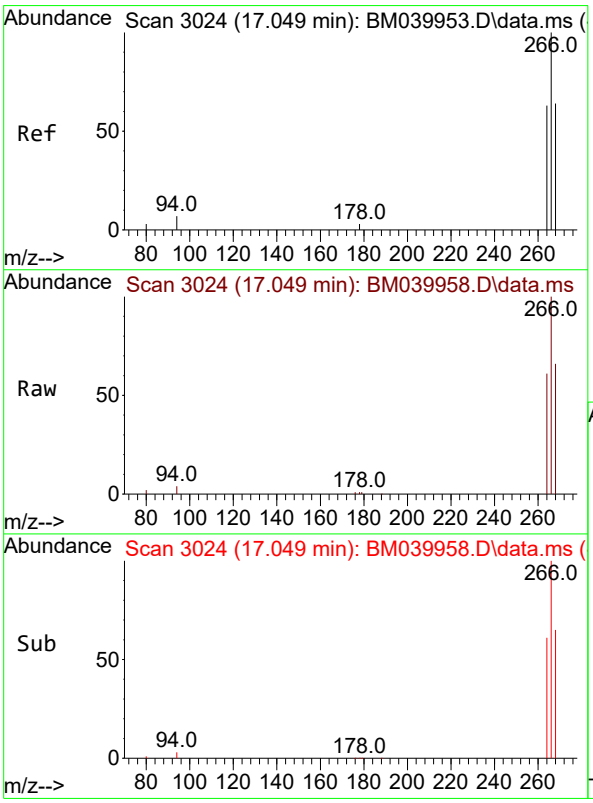
#12
Fluorene
Concen: 3.374 ng/ul
RT: 15.706 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:166 Resp: 160694

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.1	120.1
167	13.3	11.0	16.4

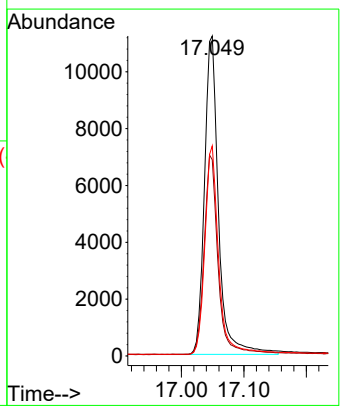


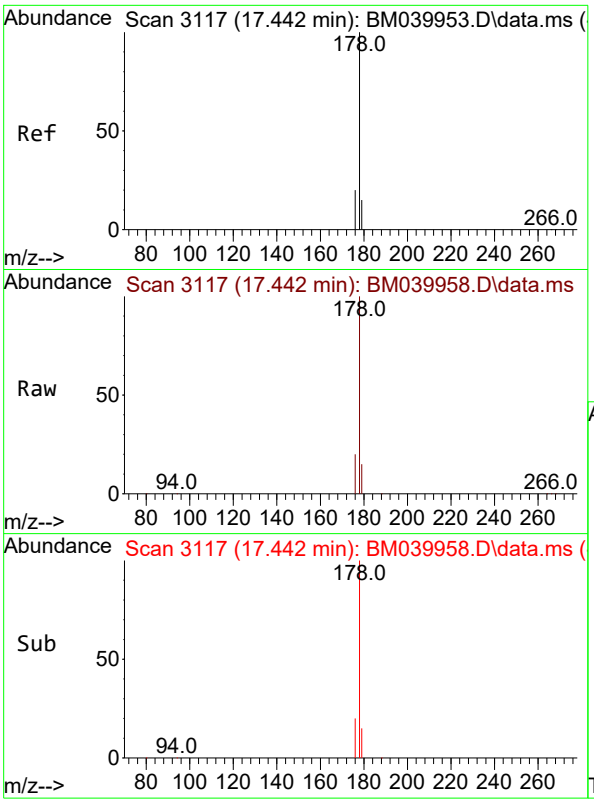


#14
Pentachlorophenol
Concen: 3.890 ng/ul
RT: 17.049 min Scan# 3024
Delta R.T. 0.004 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:266 Resp: 17465

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.0	76.6
268	64.2	53.4	80.2



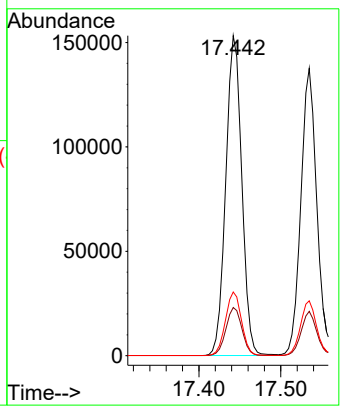


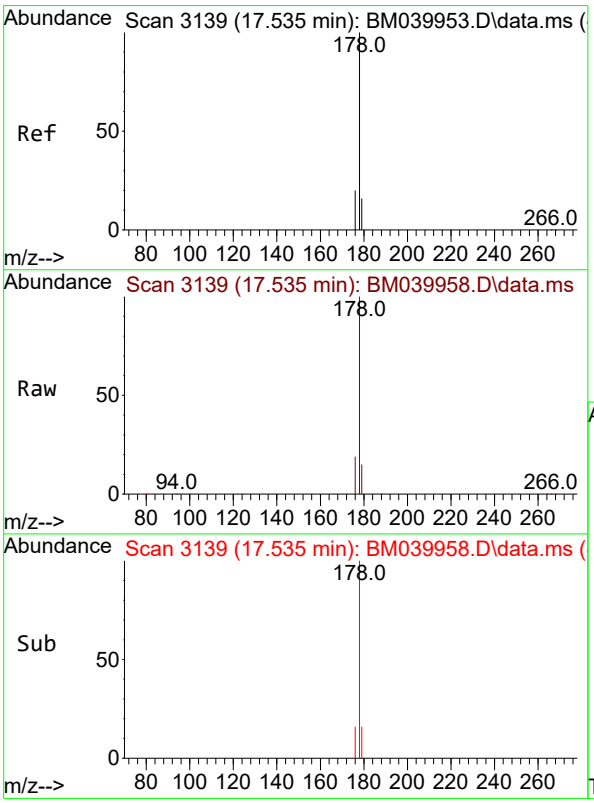
#15
Phenanthrene
Concen: 3.359 ng/ul
RT: 17.442 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:178 Resp: 207987

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.5	18.7
176	19.9	16.6	24.8

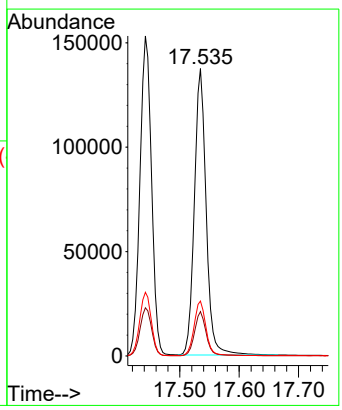


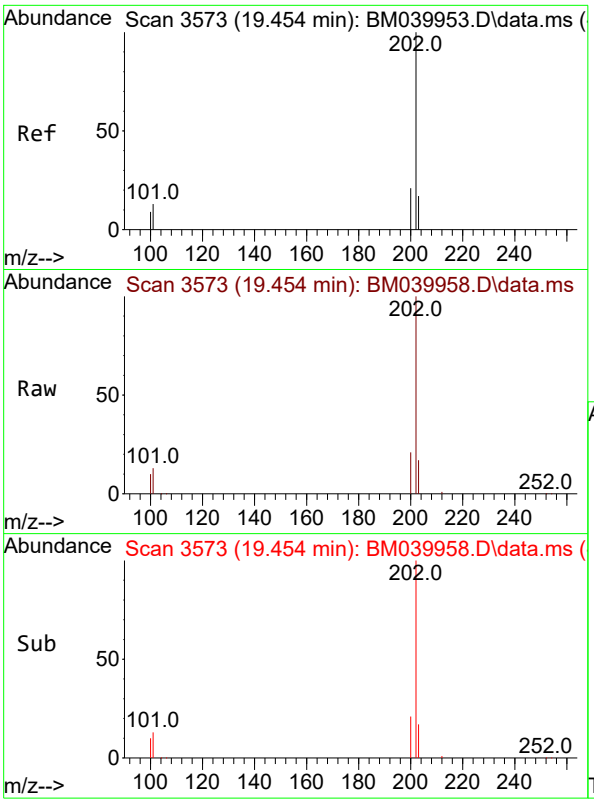


#16
Anthracene
Concen: 3.727 ng/ul
RT: 17.535 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:178 Resp: 188844

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.1	15.6	23.4



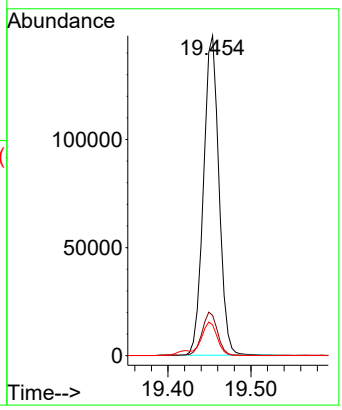


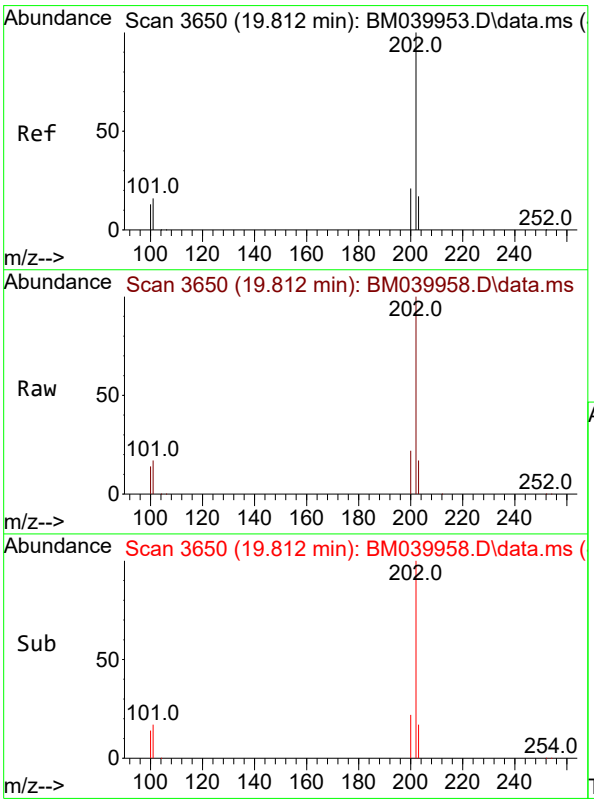
#19
Fluoranthene
Concen: 3.109 ng/ul
RT: 19.454 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:202 Resp: 191374

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.8	16.2
100	9.6	8.2	12.4

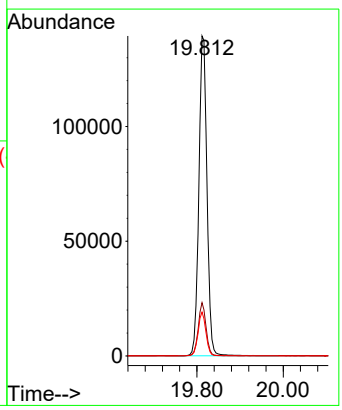


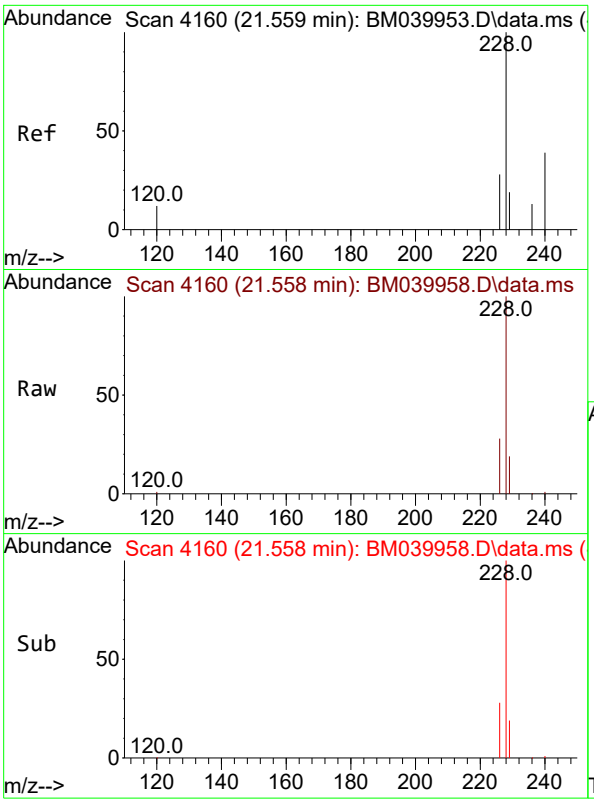


#20
Pyrene
Concen: 2.982 ng/ul
RT: 19.812 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:202 Resp: 181625

Ion	Ratio	Lower	Upper
202	100		
101	16.7	13.8	20.6
100	13.7	11.1	16.7



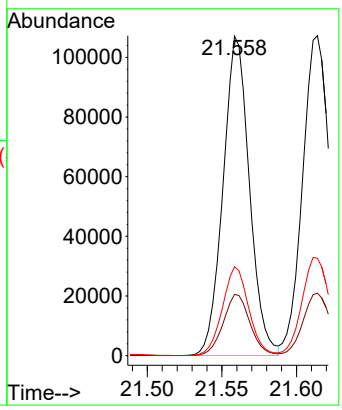


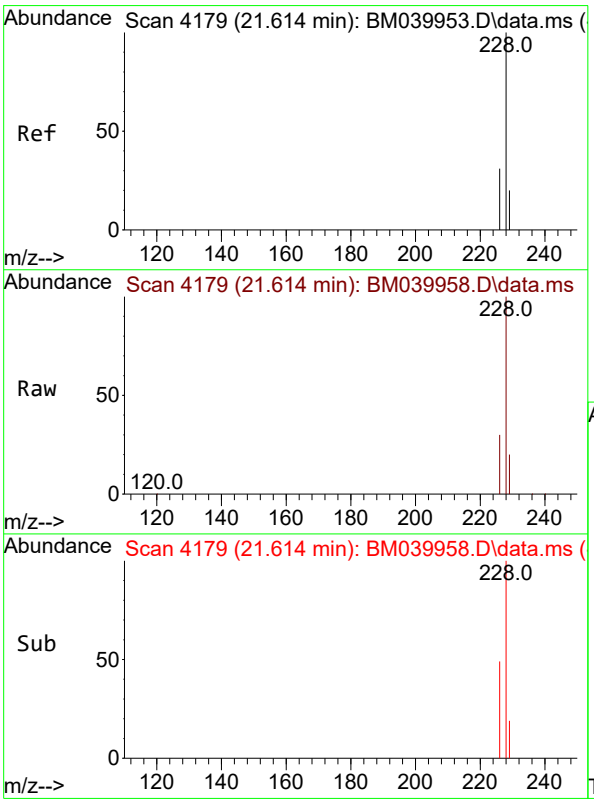
#21
Benzo(a)anthracene
Concen: 3.287 ng/ul
RT: 21.558 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:228 Resp: 131703

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.7	23.5
226	27.9	22.7	34.1

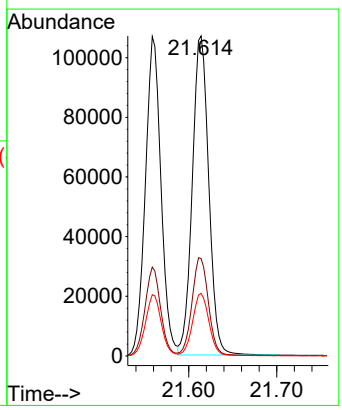


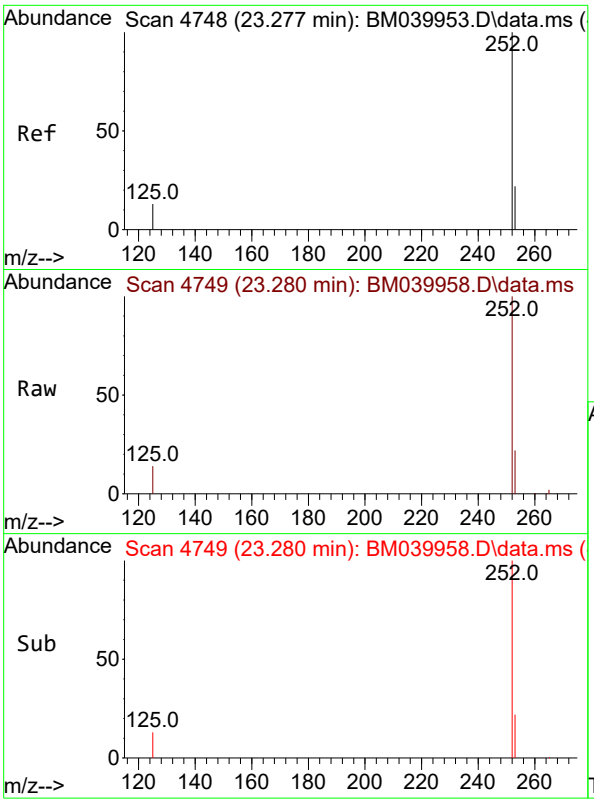


#22
Chrysene
Concen: 2.992 ng/ul
RT: 21.614 min Scan# 4179
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:228 Resp: 139324

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	36.8
229	19.5	15.8	23.6



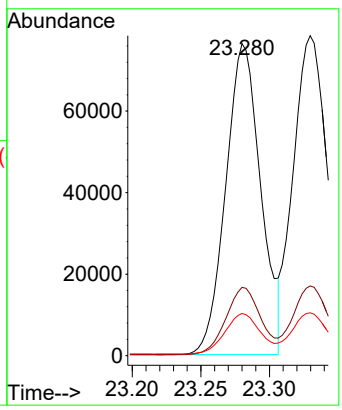


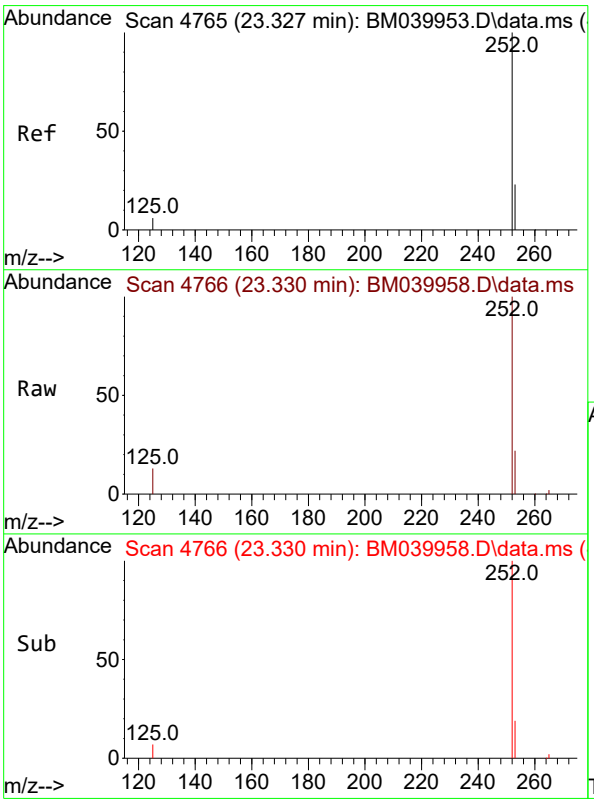
#24
Benzo(b)fluoranthene
Concen: 3.373 ng/ul
RT: 23.280 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:252 Resp: 135446

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	49.2
125	13.6	0.0	37.2

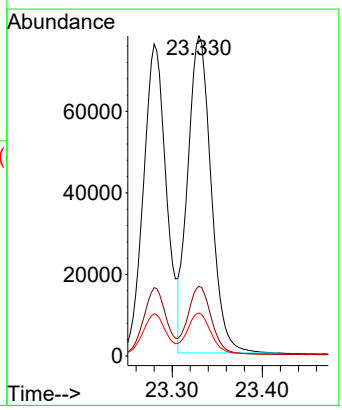


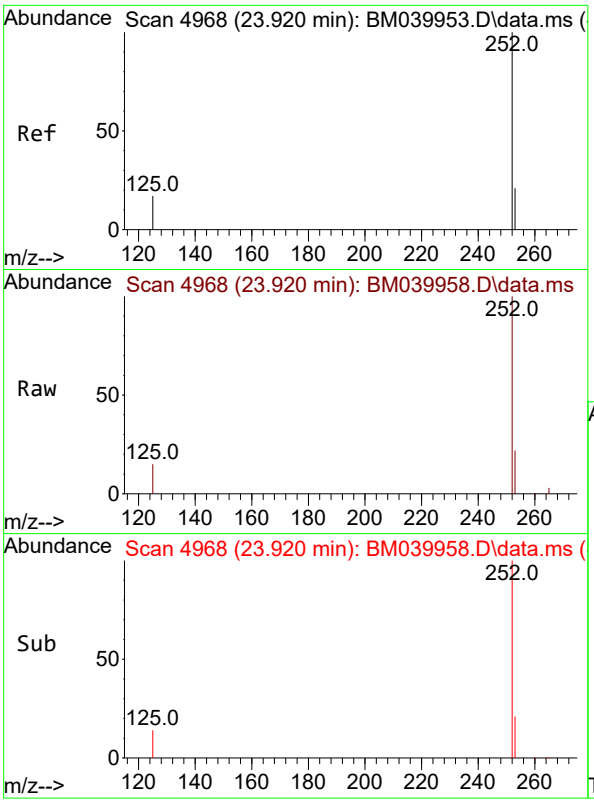


#25
Benzo(k)fluoranthene
Concen: 3.362 ng/ul
RT: 23.330 min Scan# 4766
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:252 Resp: 139839

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.8	29.8
125	13.4	14.7	22.1#



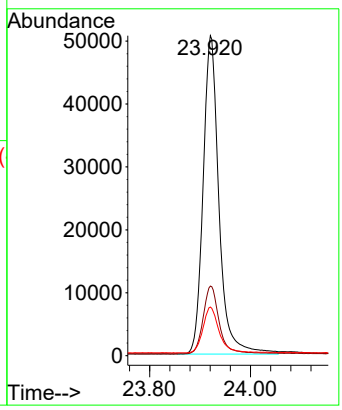


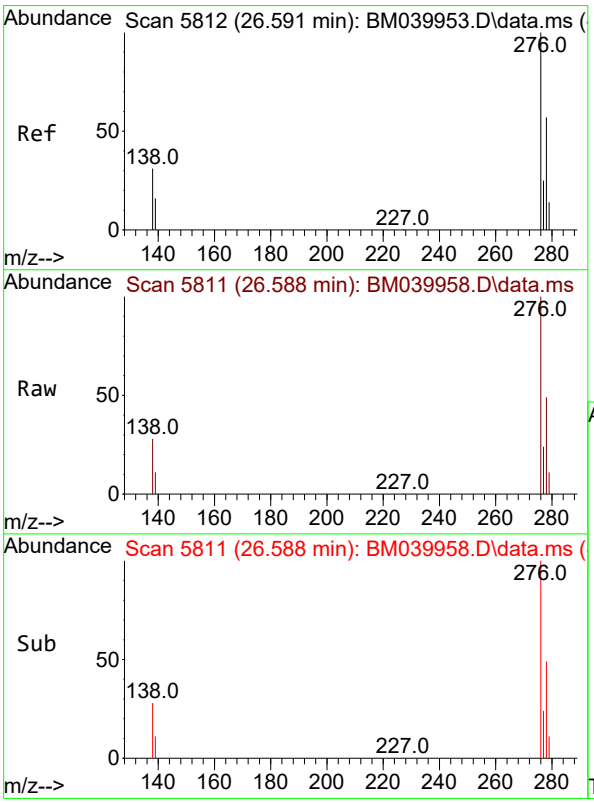
#26
Benzo(a)pyrene
Concen: 3.398 ng/ul
RT: 23.920 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:252 Resp: 110354

Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.3	30.5
125	15.2	17.8	26.8#

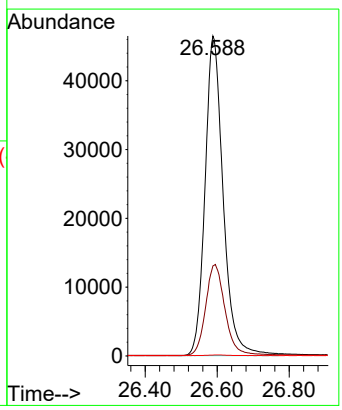


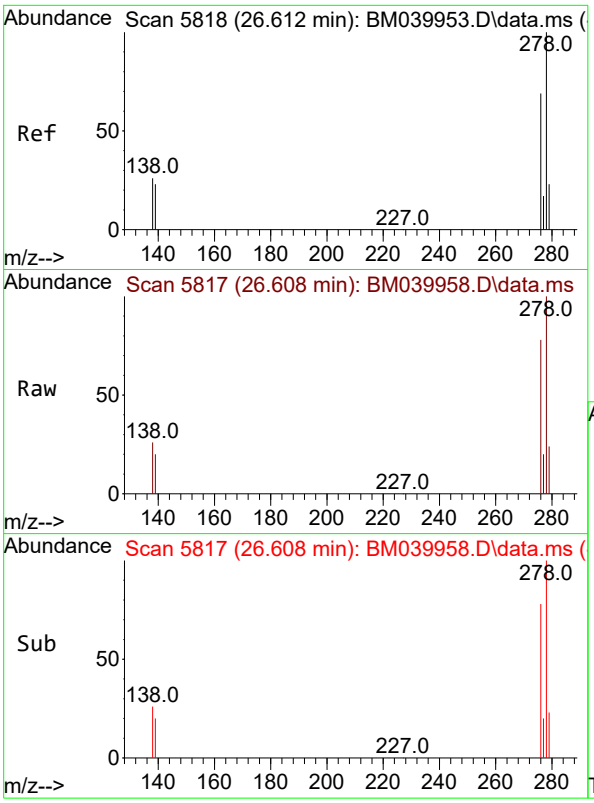


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.667 ng/ul
RT: 26.588 min Scan# 5811
Delta R.T. 0.007 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:276 Resp: 162209

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.8	37.2
227	0.2	0.1	0.1#



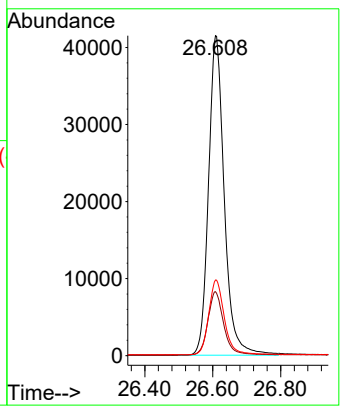


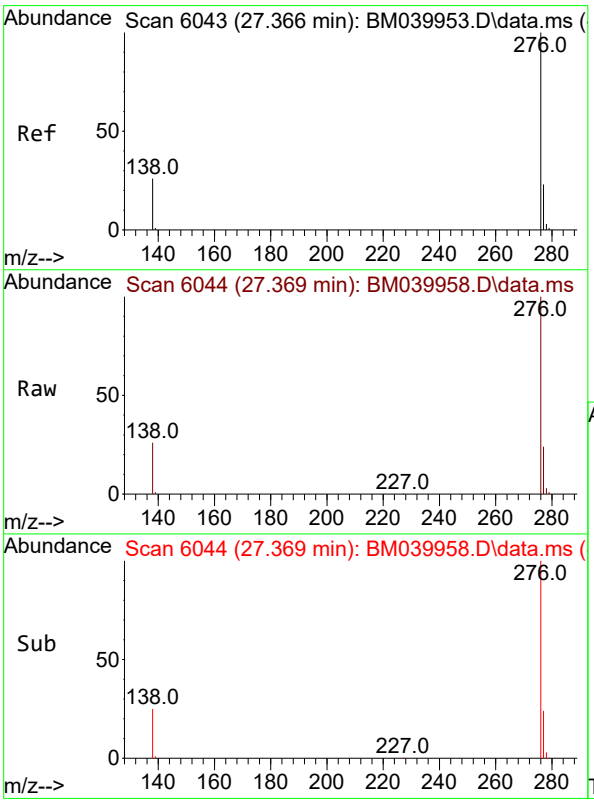
#28
Dibenzo(a,h)anthracene
Concen: 3.761 ng/ul
RT: 26.608 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Instrument :
BNA_M
ClientSampleId :
SSTD3.2048

Tgt Ion:278 Resp: 133555

Ion	Ratio	Lower	Upper
278	100		
139	20.0	18.4	27.6
279	23.6	21.6	32.4





#29
Benzo(g,h,i)perylene
Concen: 3.542 ng/ul
RT: 27.369 min Scan# 6044
Delta R.T. -0.000 min
Lab File: BM039958.D
Acq: 19 May 2023 14:27

Tgt Ion:276 Resp: 134313

Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.1	34.7
277	23.8	19.9	29.9