Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051723\
Data File : BM039944.D
Acq On : 17 May 2023 17:46
Operator : CG/JU
Sample : PB152823BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS823

Quant Time: May 18 03:14:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 01:47:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.031	152	6282	0.400	ng/ul	0.00
4) Naphthalene-d8	10.848	136	17983	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.663	164	7796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	15318	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	9654	0.400	ng/ul	0.00
23) Perylene-d12	24.042	264	10661	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	6246	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.426	152	8735	0.411	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	11721	0.445	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.433	88	15651	1.889	ng/ul	94
5) Naphthalene	10.897	128	19206	0.412	ng/ul	100
7) 2-Methylnaphthalene	12.503	142	10629	0.392	ng/ul	100
8) 1-Methylnaphthalene	12.718	142	10862	0.382	ng/ul	100
10) Acenaphthylene	14.386	152	12788	0.398	ng/ul	100
11) Acenaphthene	14.728	153	10985	0.412	ng/ul	99
12) Fluorene	15.709	166	11545	0.407	ng/ul	98
14) Pentachlorophenol	17.052	266	1754	0.642	ng/ul	98
15) Phenanthrene	17.449	178	18028	0.404	ng/ul	100
16) Anthracene	17.537	178	14026	0.385	ng/ul	99
19) Fluoranthene	19.457	202	17216	0.434	ng/ul	97
20) Pyrene	19.819	202	16827	0.428	ng/ul	100
21) Benzo(a)anthracene	21.566	228	12479	0.428	ng/ul	99
22) Chrysene	21.618	228	16036	0.459	ng/ul	100
24) Benzo(b)fluoranthene	23.290	252	17056	0.449	ng/ul	99
25) Benzo(k)fluoranthene	23.340	252	18345	0.438	ng/ul	98
26) Benzo(a)pyrene	23.933	252	13508	0.424	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.607	276	20945	0.458	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.627	278	17104	0.465	ng/ul	98
29) Benzo(g,h,i)perylene	27.391	276	18838	0.465	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051723\
Data File : BM039944.D
Acq On : 17 May 2023 17:46
Operator : CG/JU
Sample : PB152823BS
Misc :
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Instrument :
BNA_M
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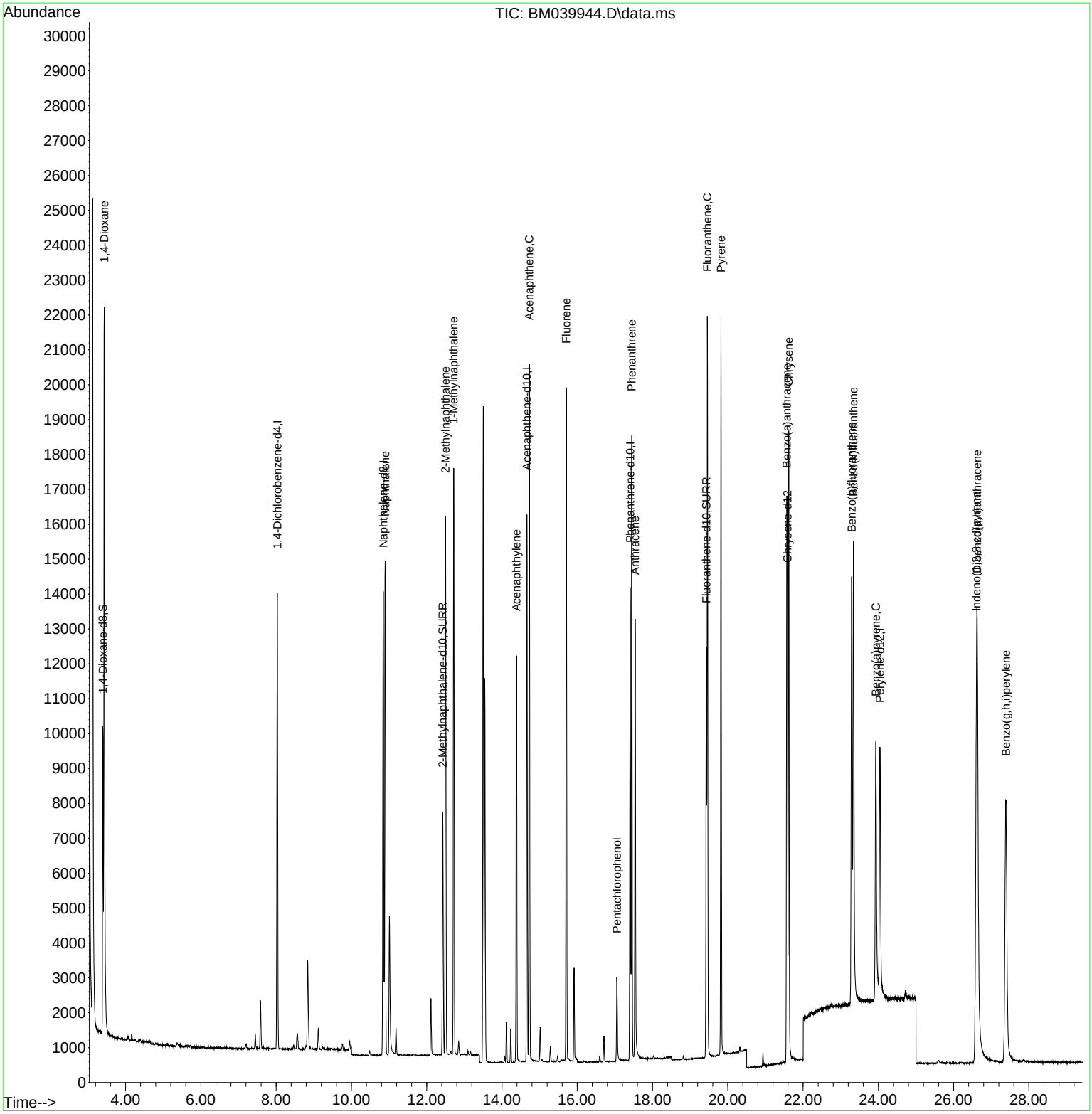
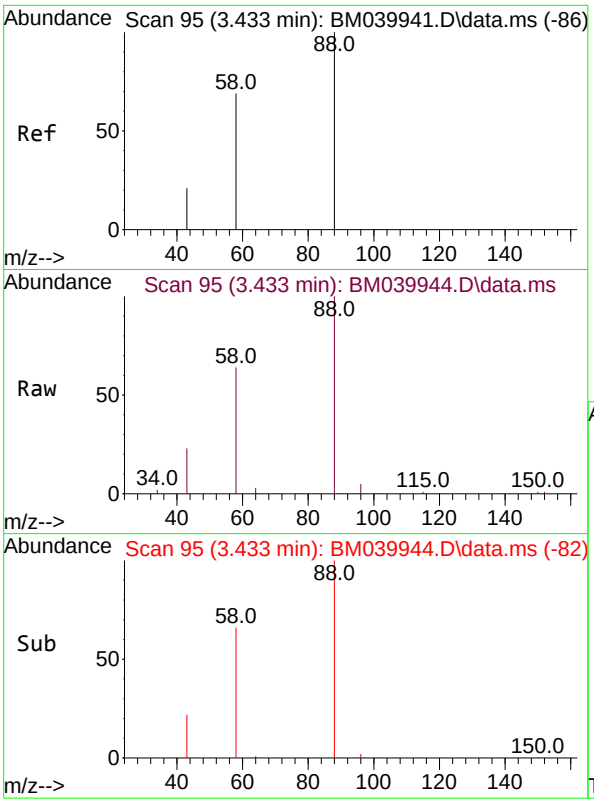
SLCS823

Quant Time: May 18 03:14:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 01:47:11 2023
Response via : Initial Calibration



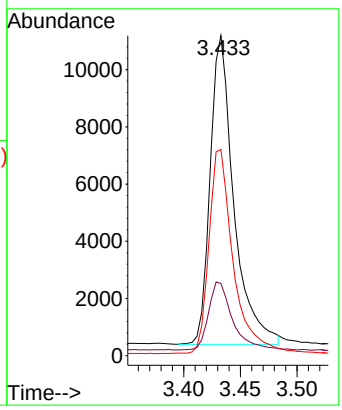


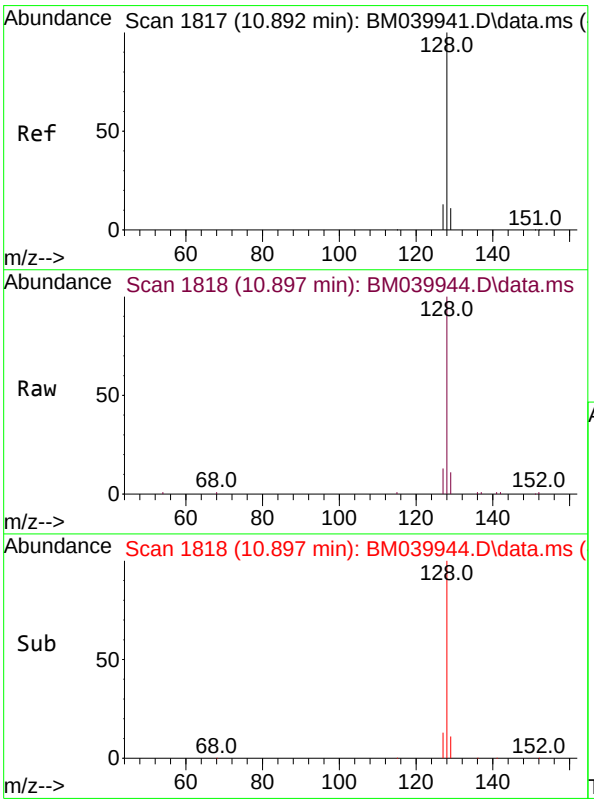
#2
1,4-Dioxane
Concen: 1.889 ng/ul
RT: 3.433 min Scan# 9
Delta R.T. -0.004 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion: 88 Resp: 15651

Ion	Ratio	Lower	Upper
88	100		
43	22.5	20.1	30.1
58	64.5	47.4	71.2

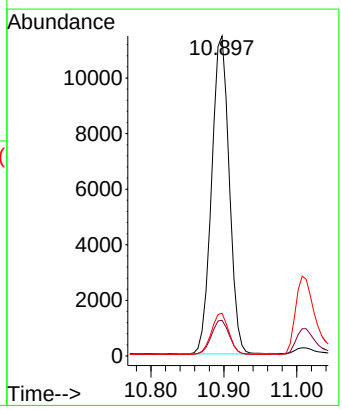


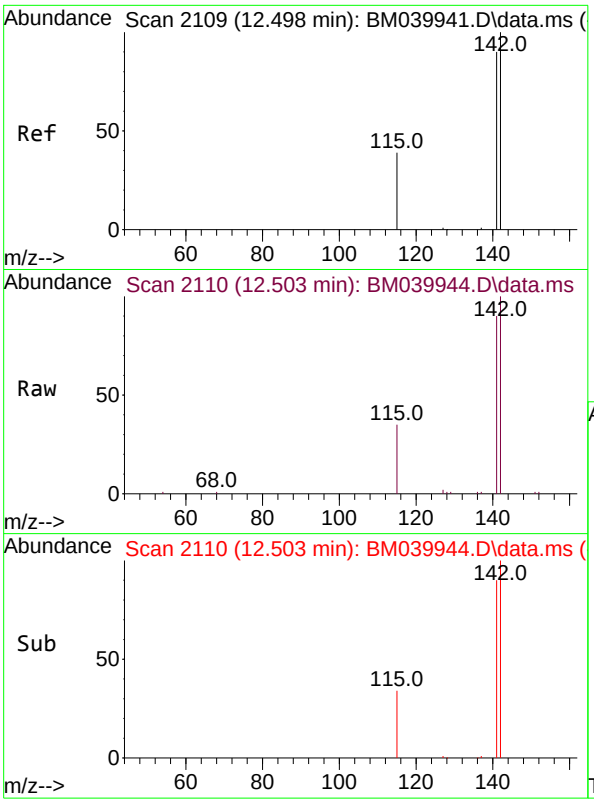


#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.897 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:128 Resp: 19206

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.5	15.7



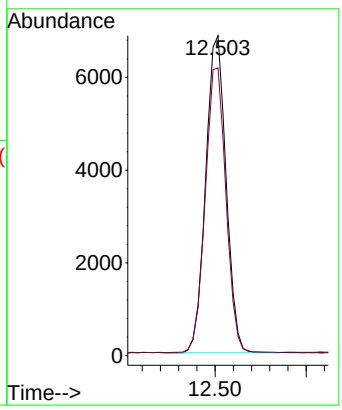


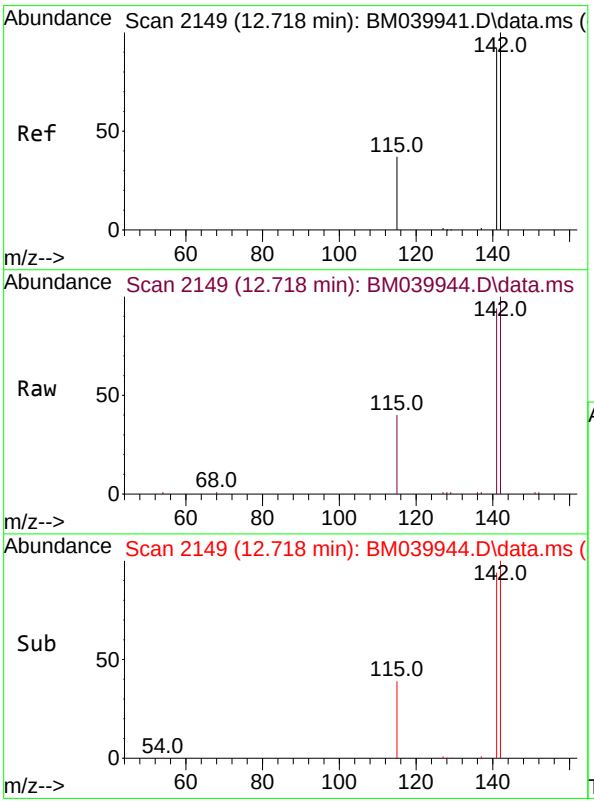
#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.503 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:142 Resp: 10629

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.7	109.1

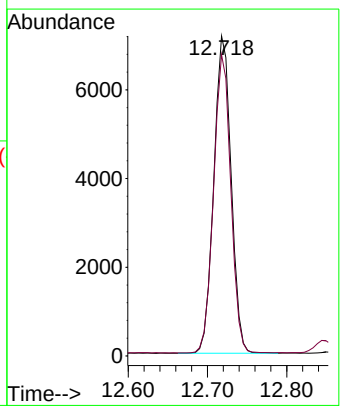


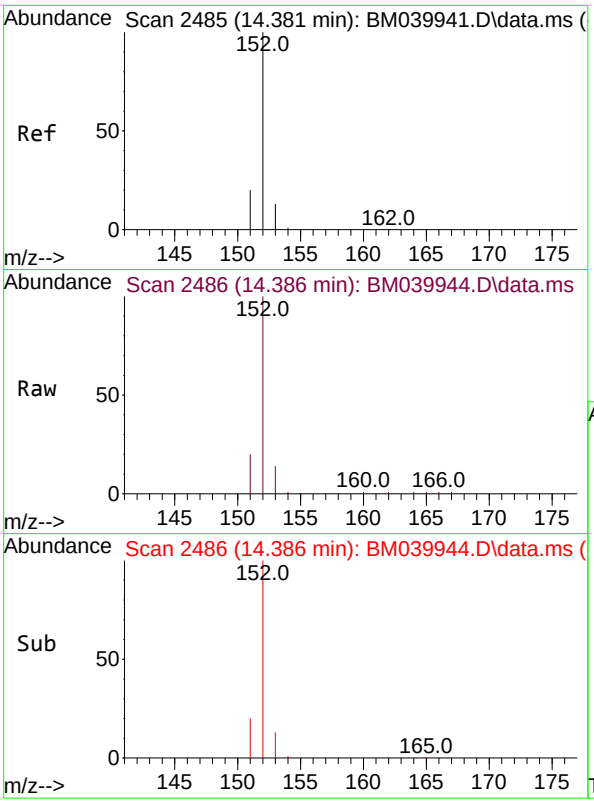


#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.718 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:142 Resp: 10862

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.6	112.0



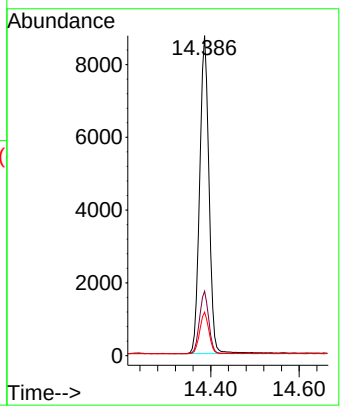


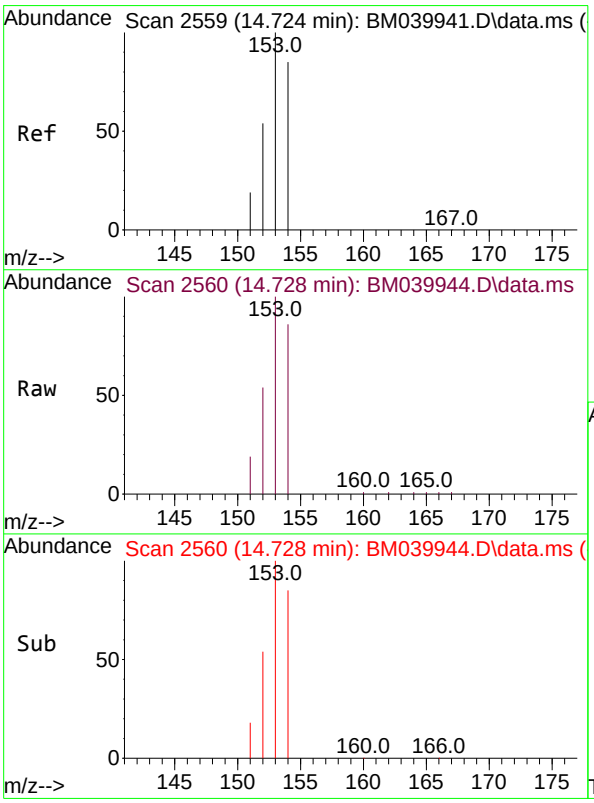
#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.386 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:152 Resp: 12788

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.6	10.9	16.3

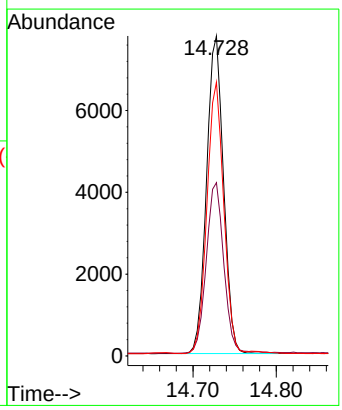


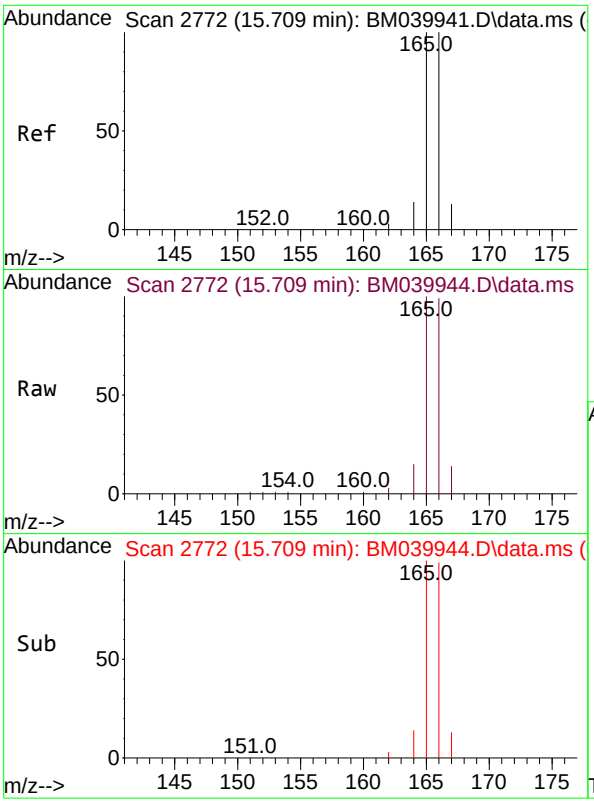


#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.728 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:153 Resp: 10985

Ion	Ratio	Lower	Upper
153	100		
152	54.1	43.1	64.7
154	85.5	67.8	101.6



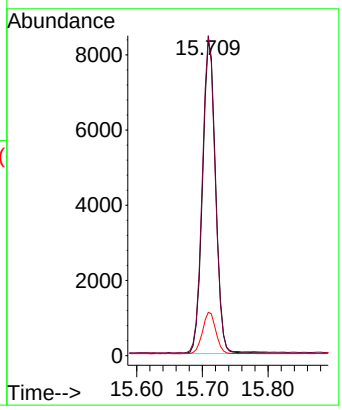


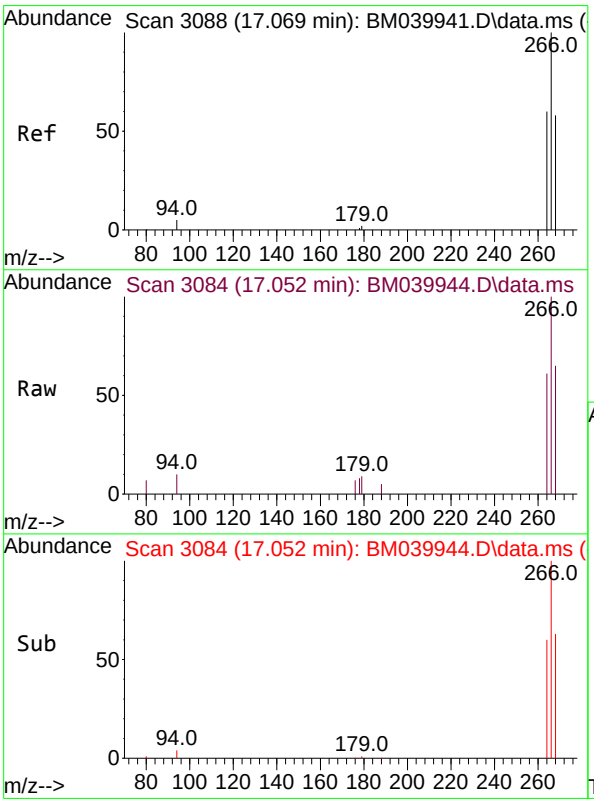
#12
Fluorene
Concen: 0.407 ng/ul
RT: 15.709 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:166 Resp: 11545

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.3	118.9
167	13.8	11.3	16.9

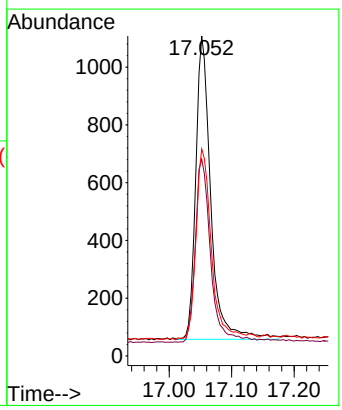


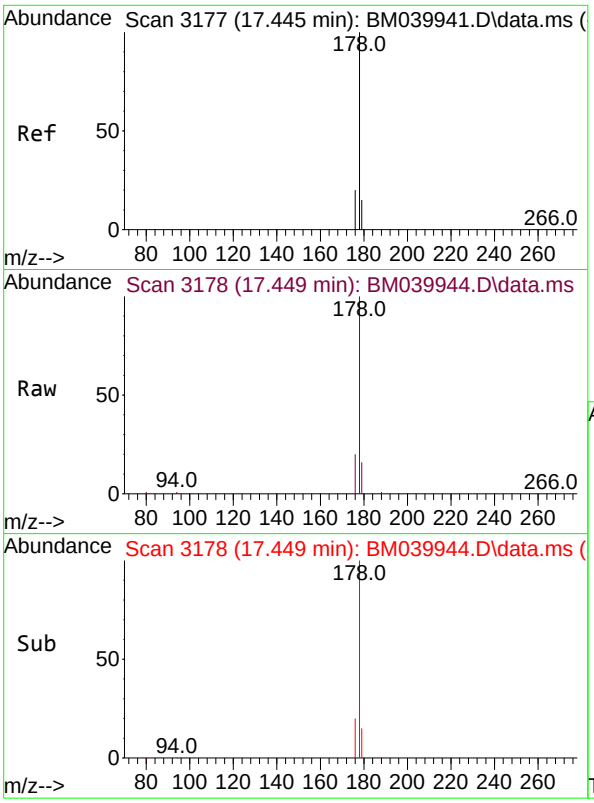


#14
Pentachlorophenol
Concen: 0.642 ng/ul
RT: 17.052 min Scan# 3084
Delta R.T. -0.009 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:266 Resp: 1754

Ion	Ratio	Lower	Upper
266	100		
264	62.5	48.9	73.3
268	65.5	51.5	77.3



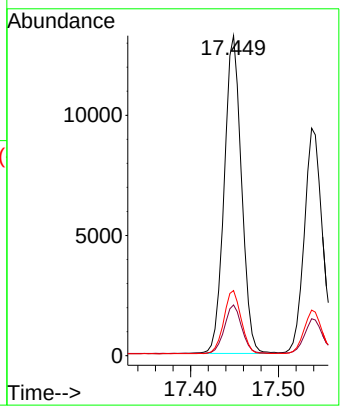


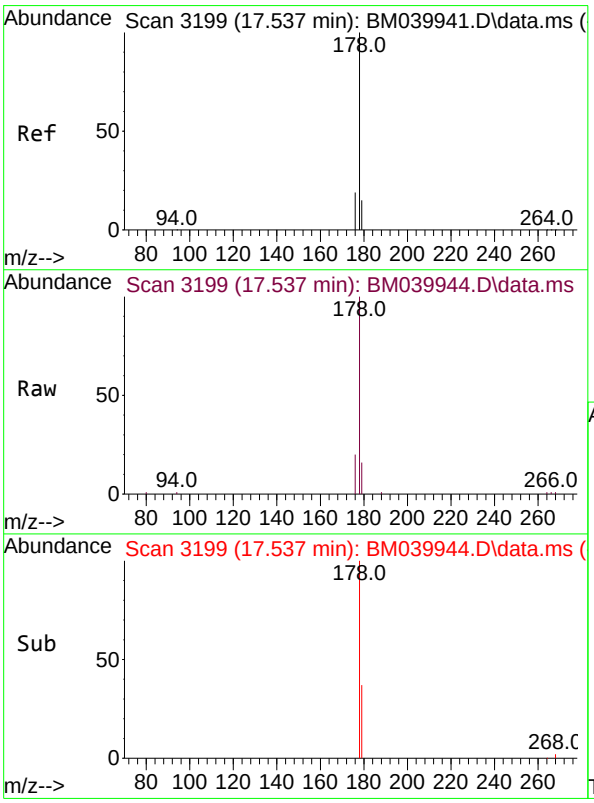
#15
Phenanthrene
Concen: 0.404 ng/ul
RT: 17.449 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:178 Resp: 18028

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	20.3	16.3	24.5

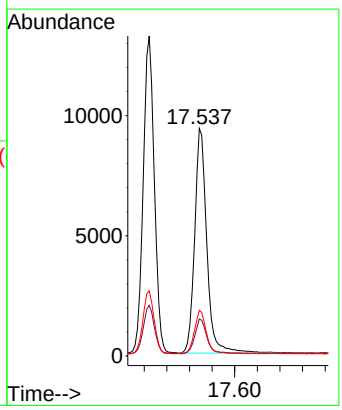


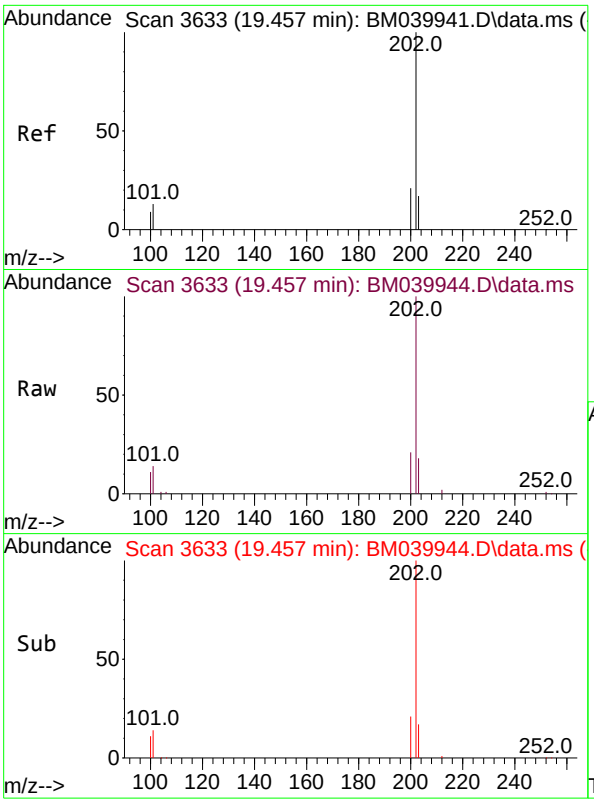


#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.537 min Scan# 3199
Delta R.T. -0.004 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:178 Resp: 14026

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	20.1	15.4	23.2



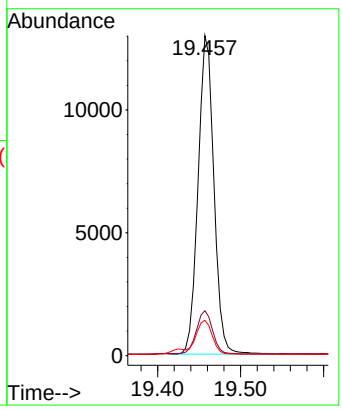


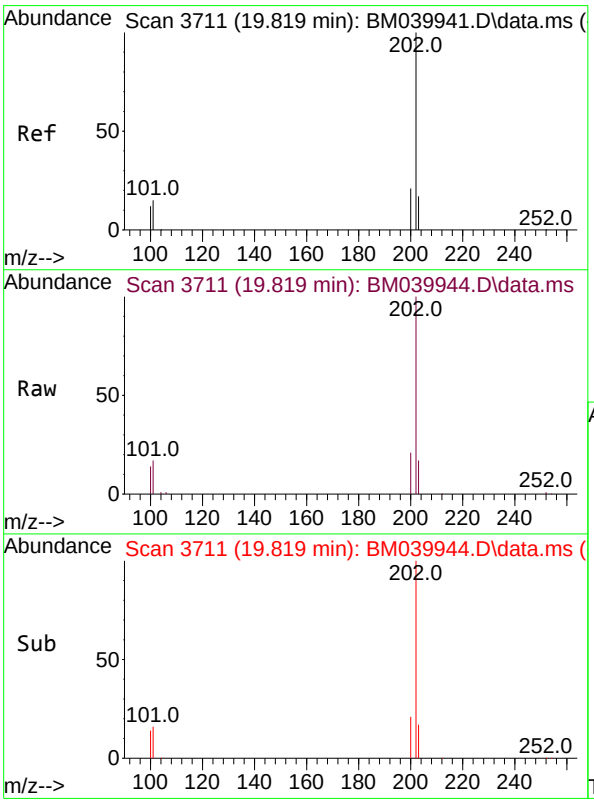
#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.457 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:202 Resp: 17216

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.4	15.6
100	11.0	7.8	11.6

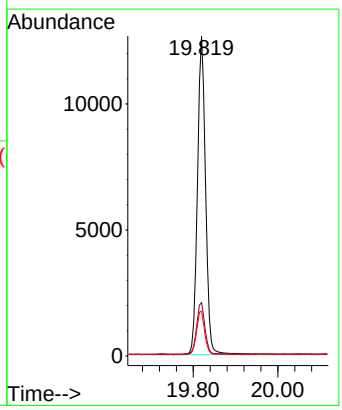


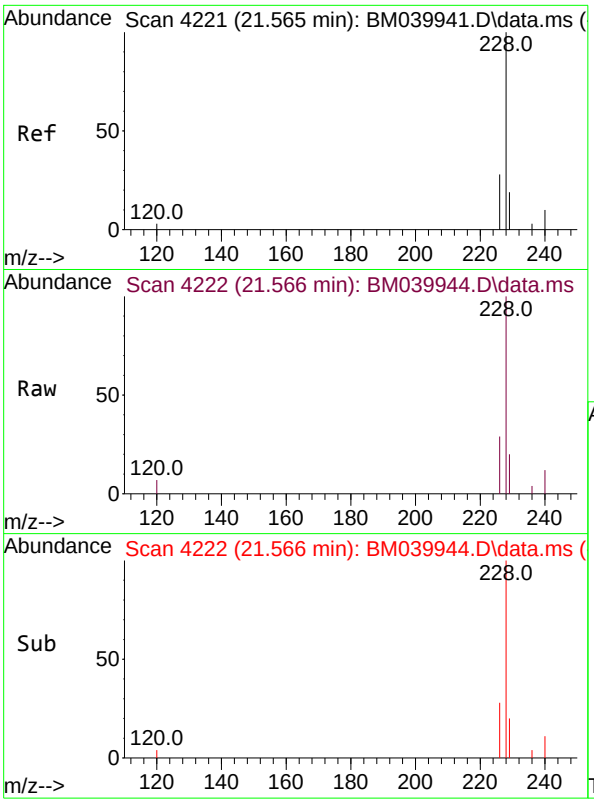


#20
Pyrene
Concen: 0.428 ng/ul
RT: 19.819 min Scan# 3711
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:202 Resp: 16827

Ion	Ratio	Lower	Upper
202	100		
101	16.7	13.4	20.0
100	14.0	11.0	16.6



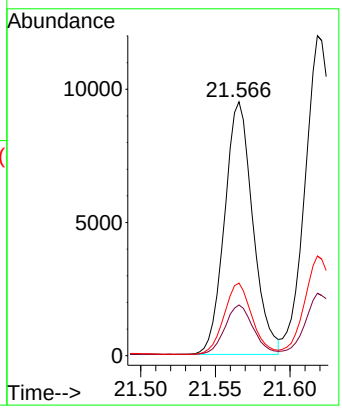


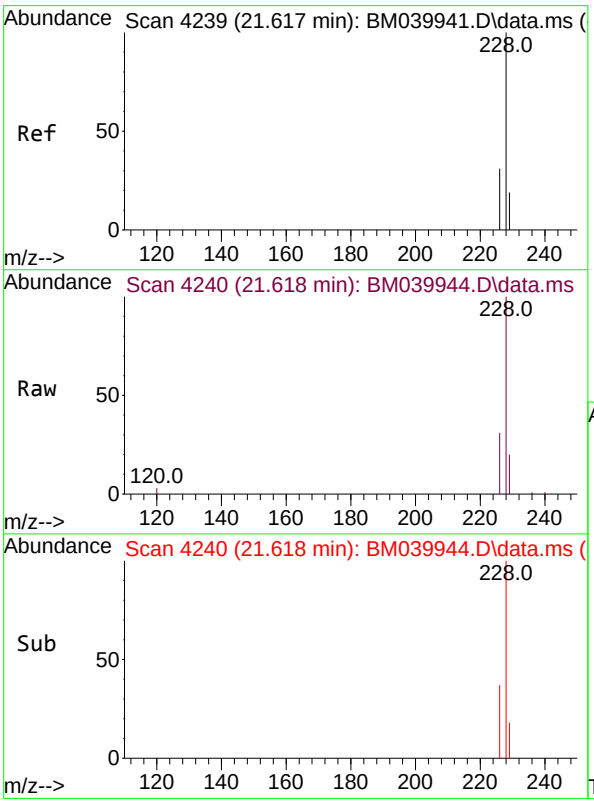
#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.566 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:228 Resp: 12479

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	28.6	22.3	33.5

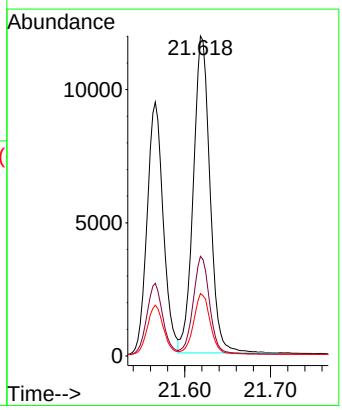


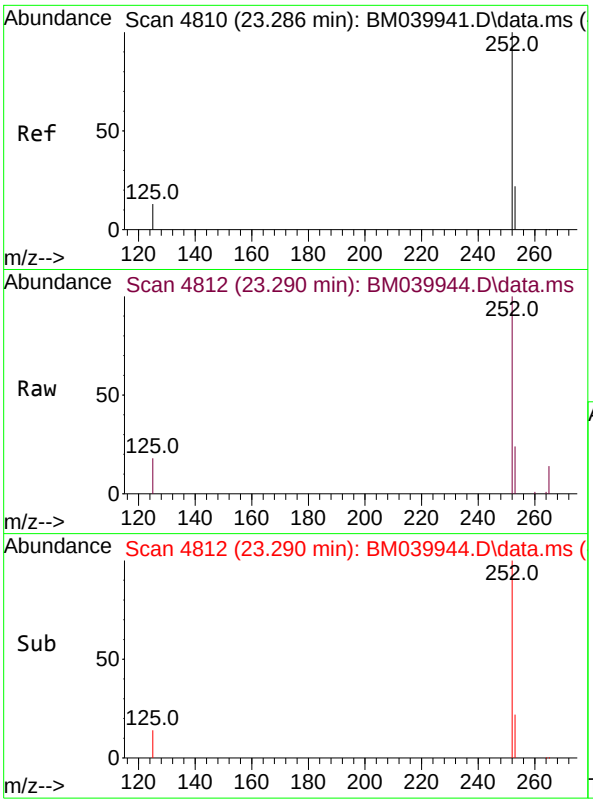


#22
Chrysene
Concen: 0.459 ng/ul
RT: 21.618 min Scan# 4240
Delta R.T. -0.003 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:228 Resp: 16036

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	19.5	15.6	23.4



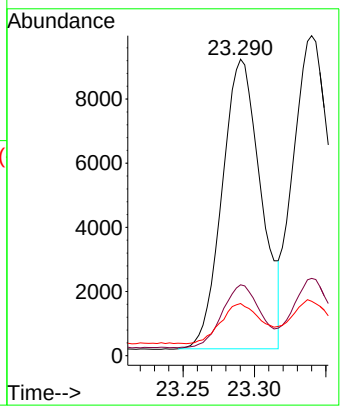


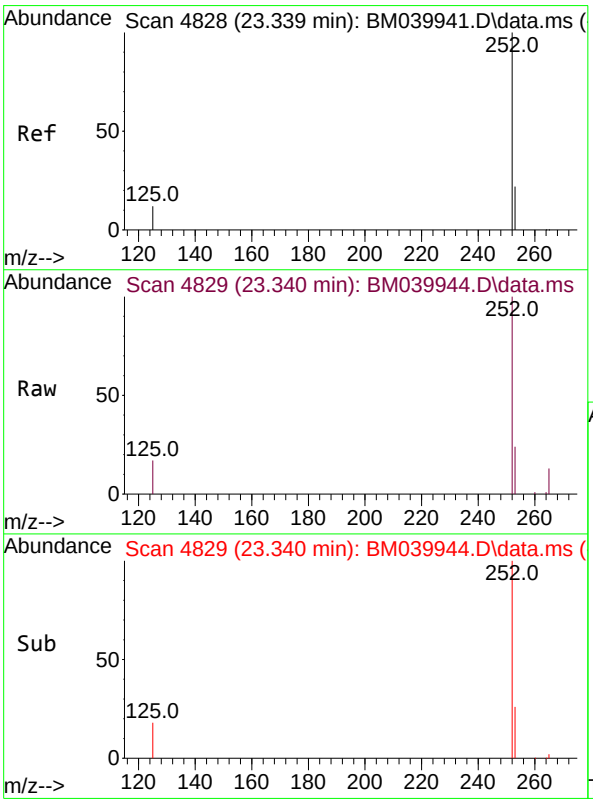
#24
Benzo(b)fluoranthene
Concen: 0.449 ng/ul
RT: 23.290 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:252 Resp: 17056

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	47.6
125	17.6	0.0	32.6

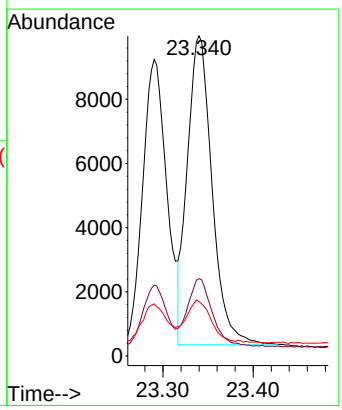


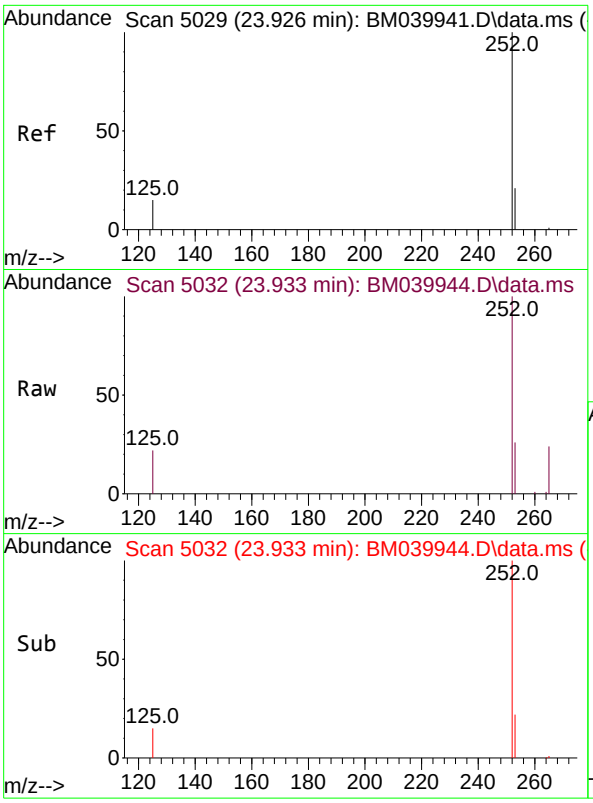


#25
Benzo(k)fluoranthene
Concen: 0.438 ng/ul
RT: 23.340 min Scan# 4829
Delta R.T. -0.003 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:252 Resp: 18345

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	17.0	12.9	19.3



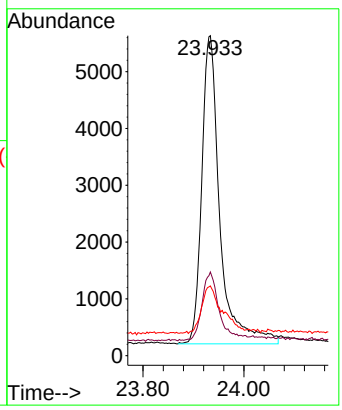


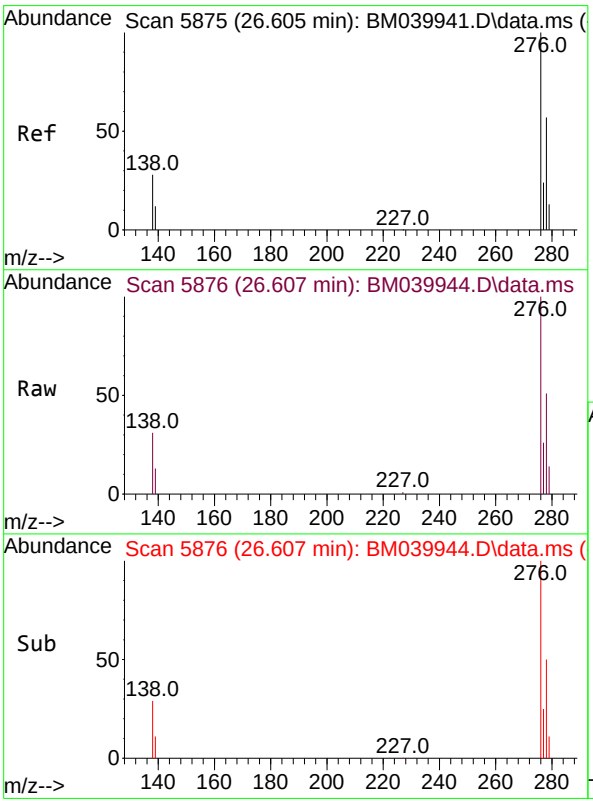
#26
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.933 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:252 Resp: 13508

Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.0	30.0
125	21.8	15.4	23.2

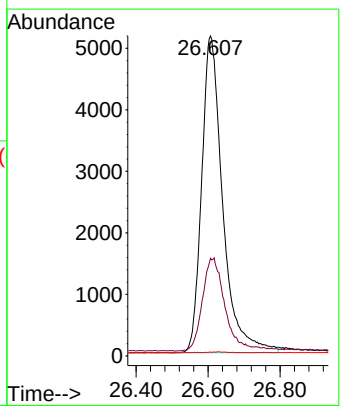


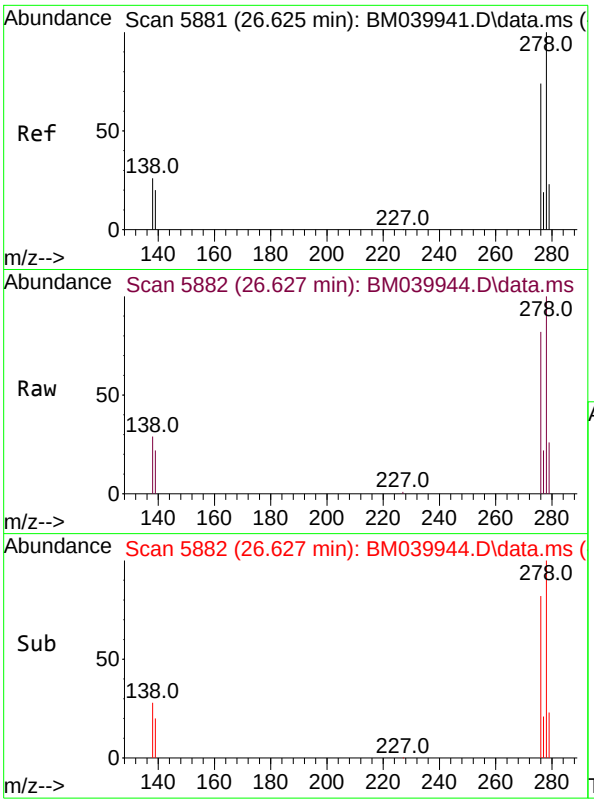


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 26.607 min Scan# 5876
Delta R.T. -0.007 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:276 Resp: 20945

Ion	Ratio	Lower	Upper
276	100		
138	31.7	24.3	36.5
227	0.1	0.2	0.2#



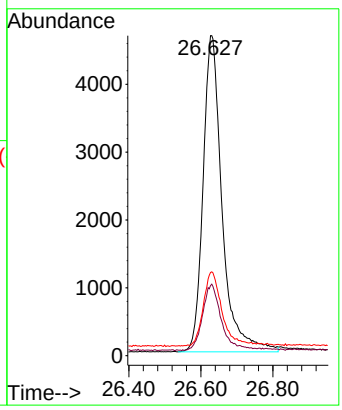


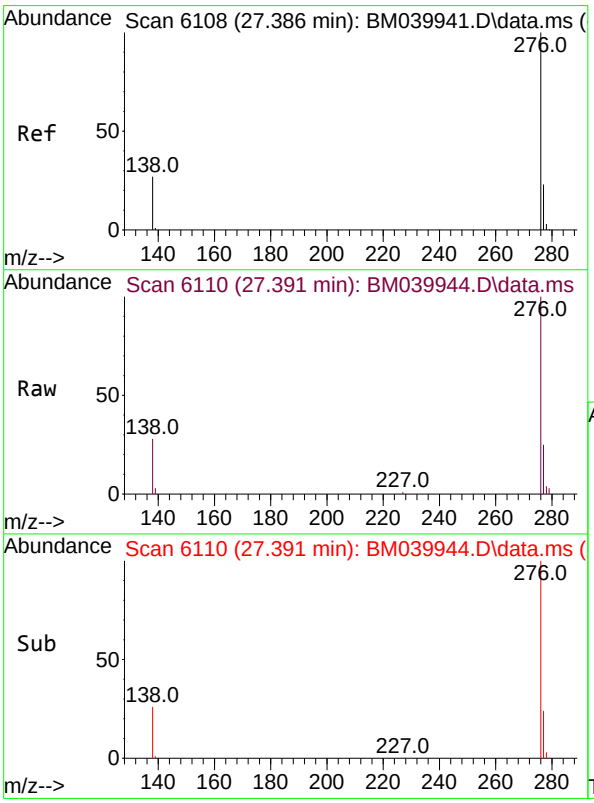
#28
Dibenzo(a,h)anthracene
Concen: 0.465 ng/ul
RT: 26.627 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SLCS823

Tgt Ion:278 Resp: 17104

Ion	Ratio	Lower	Upper
278	100		
139	21.9	16.9	25.3
279	26.0	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.465 ng/ul
RT: 27.391 min Scan# 6110
Delta R.T. -0.003 min
Lab File: BM039944.D
Acq: 17 May 2023 17:46

Tgt Ion:276 Resp: 18838

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.4	33.6
277	25.4	19.5	29.3