Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045410.D
Acq On : 20 Apr 2024 02:13
Operator : MA/JU
Sample : PB160234BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS234

Quant Time: Apr 20 02:48:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	598	0.400	ng/ul	# 0.03
4) Naphthalene-d8	10.397	136	1918	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.242	164	920	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.022	188	1918	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.222	240	1363	0.400	ng/ul	# 0.00
23) Perylene-d12	23.426	264	1818	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	771	0.982	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.002	152	1033	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.052	212	1735	0.504	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.209	88	2075	2.756	ng/ul#	85
5) Naphthalene	10.441	128	2170	0.426	ng/ul#	85
7) 2-Methylnaphthalene	12.085	142	1213	0.399	ng/ul	96
8) 1-Methylnaphthalene	12.277	142	1331	0.401	ng/ul	100
10) Acenaphthylene	13.969	152	2009	0.438	ng/ul#	91
11) Acenaphthene	14.302	153	1489	0.453	ng/ul	97
12) Fluorene	15.325	166	1558	0.423	ng/ul#	95
14) Pentachlorophenol	16.693	266	306	0.680	ng/ul	93
15) Phenanthrene	17.064	178	2332	0.432	ng/ul#	92
16) Anthracene	17.178	178	2183	0.410	ng/ul#	86
19) Fluoranthene	19.089	202	2607	0.535	ng/ul#	90
20) Pyrene	19.447	202	2778	0.540	ng/ul#	91
21) Benzo(a)anthracene	21.217	228	1894	0.399	ng/ul	93
22) Chrysene	21.260	228	3147	0.531	ng/ul	97
24) Benzo(b)fluoranthene	22.762	252	2857	0.435	ng/ul	93
25) Benzo(k)fluoranthene	22.809	252	3849	0.523	ng/ul#	89
26) Benzo(a)pyrene	23.338	252	2984	0.476	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.642	276	4188	0.487	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.669	278	3231	0.475	ng/ul#	80
29) Benzo(g,h,i)perylene	26.299	276	3938	0.531	ng/ul#	91

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045410.D
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Sample : PB160234BS
Misc :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
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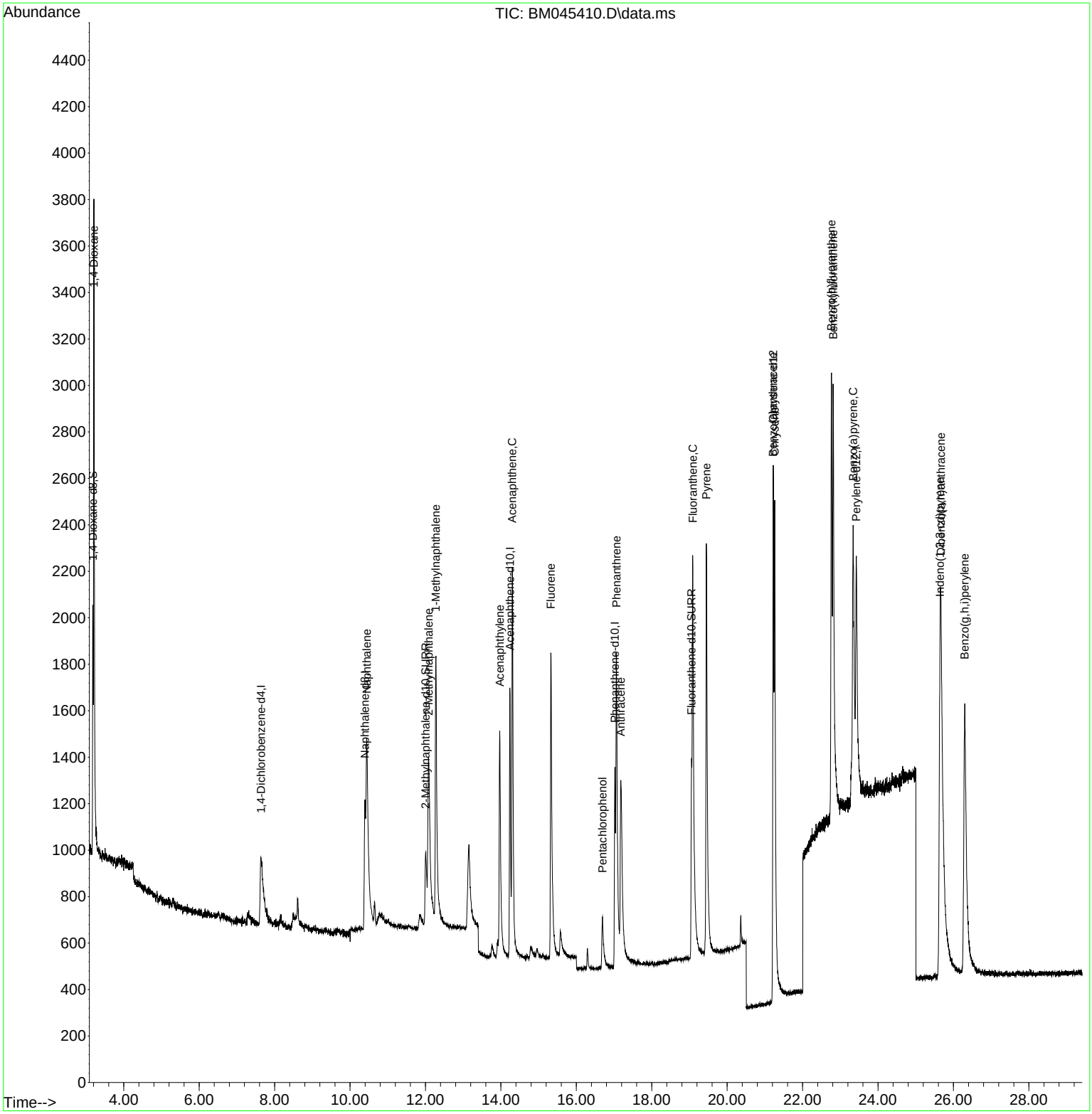
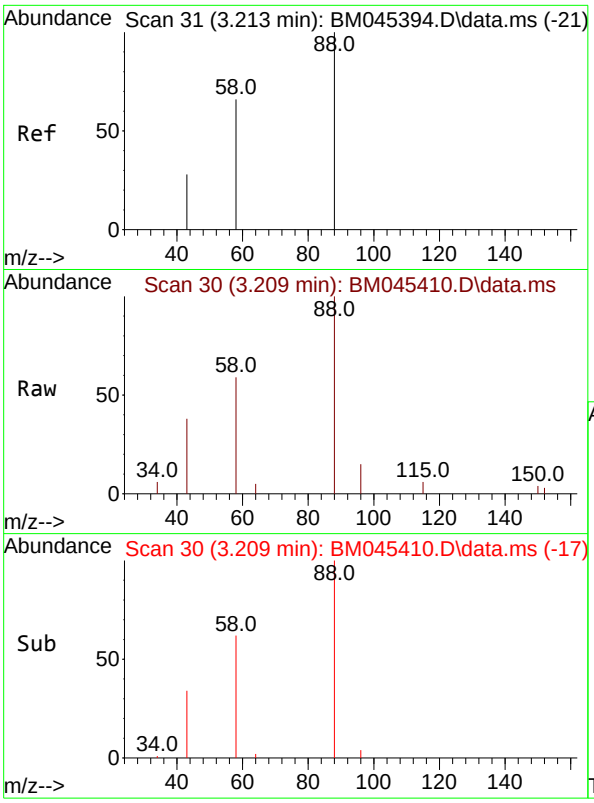


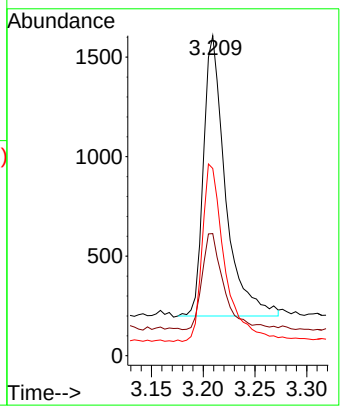


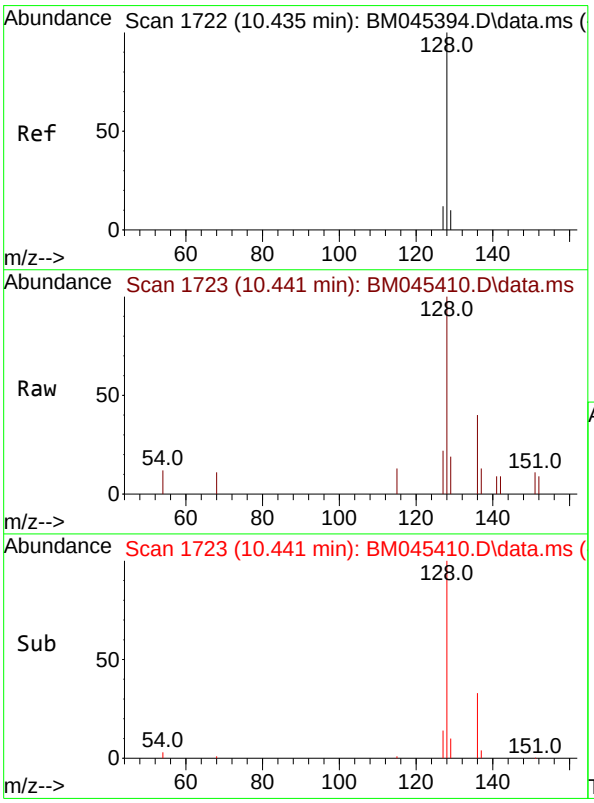
#2
1,4-Dioxane
Concen: 2.756 ng/ul
RT: 3.209 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion: 88 Resp: 2075

Ion	Ratio	Lower	Upper
88	100		
43	38.2	30.6	46.0
58	58.5	32.6	48.8#

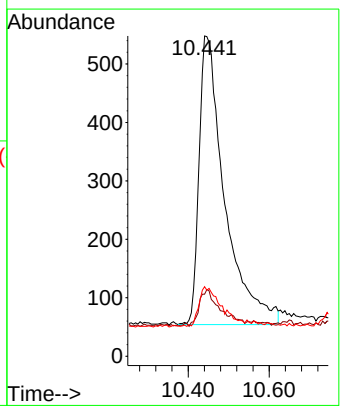


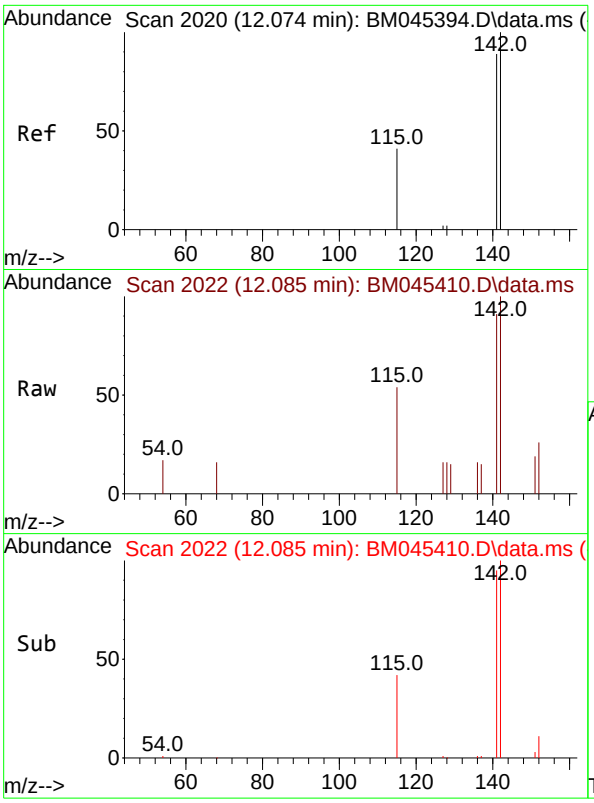


#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.441 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:128 Resp: 2170

Ion	Ratio	Lower	Upper
128	100		
129	19.3	11.3	16.9#
127	21.7	11.9	17.9#



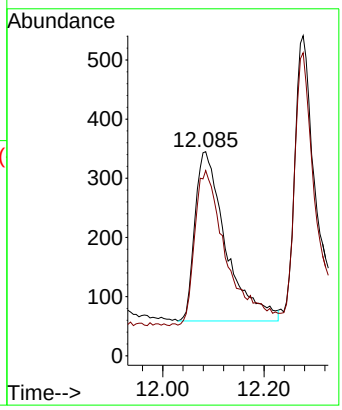


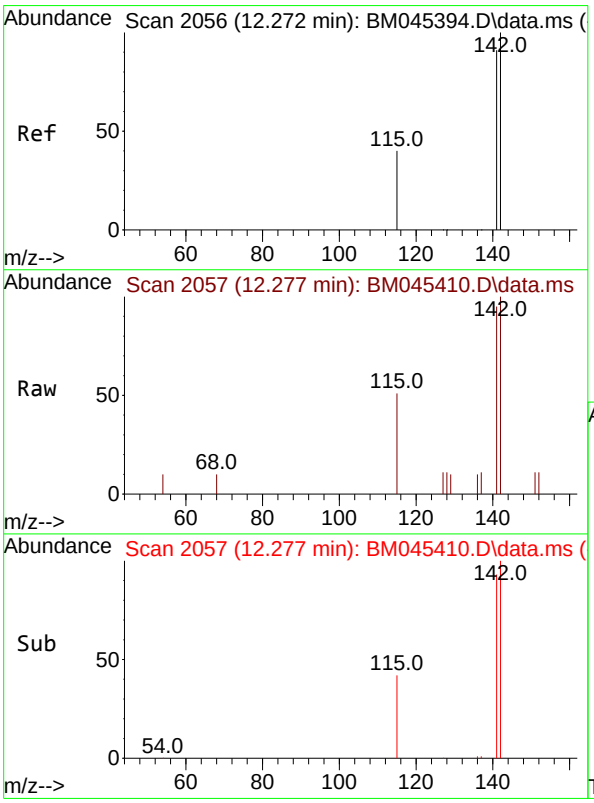
#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.085 min Scan# 2
Delta R.T. 0.016 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:142 Resp: 1213

Ion	Ratio	Lower	Upper
142	100		
141	96.0	73.8	110.8

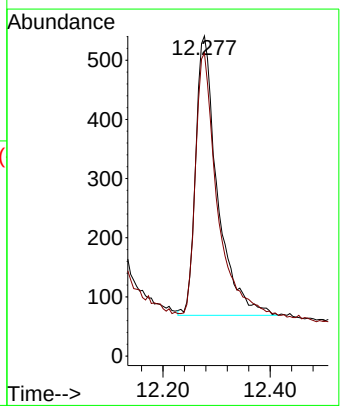


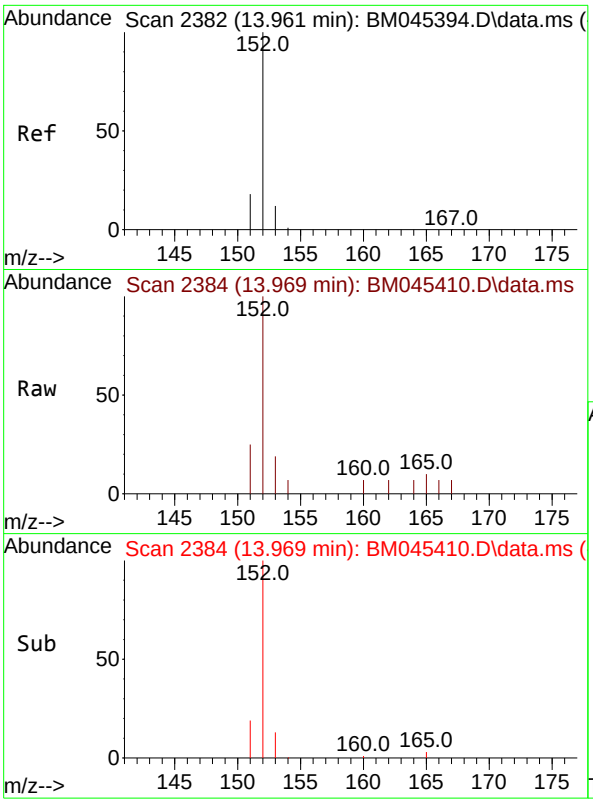


#8
1-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.277 min Scan# 2057
Delta R.T. 0.006 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:142 Resp: 1331

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.2



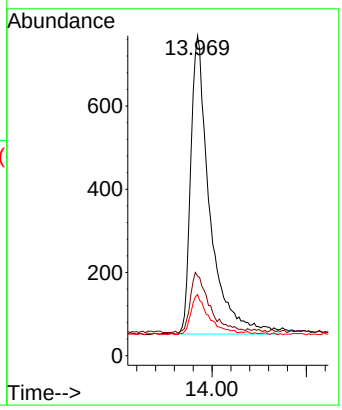


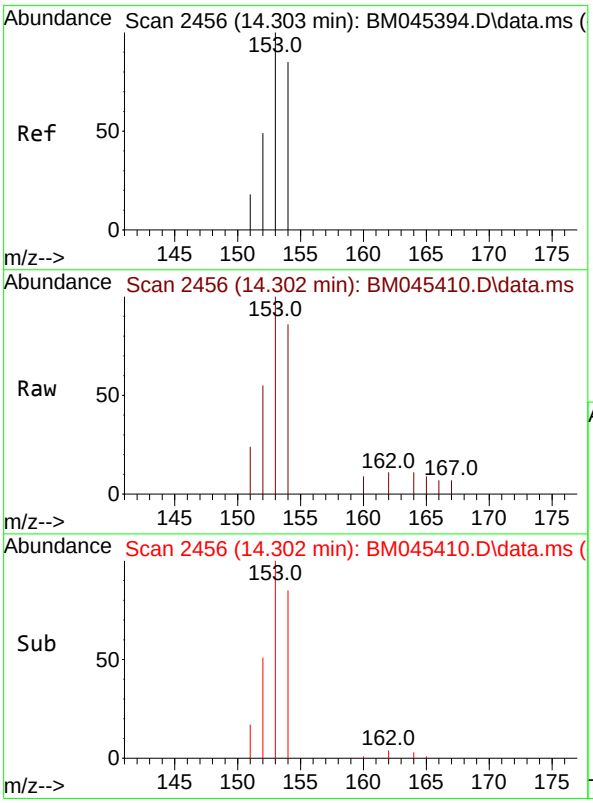
#10
Acenaphthylene
Concen: 0.438 ng/ul
RT: 13.969 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:152 Resp: 2009

Ion	Ratio	Lower	Upper
152	100		
151	24.8	17.0	25.4
153	19.1	11.9	17.9#

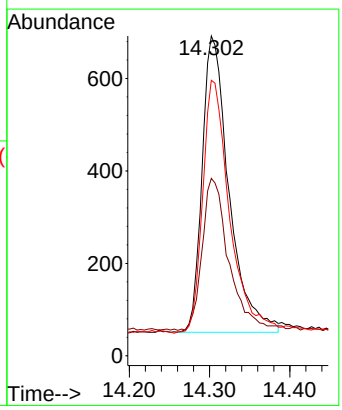


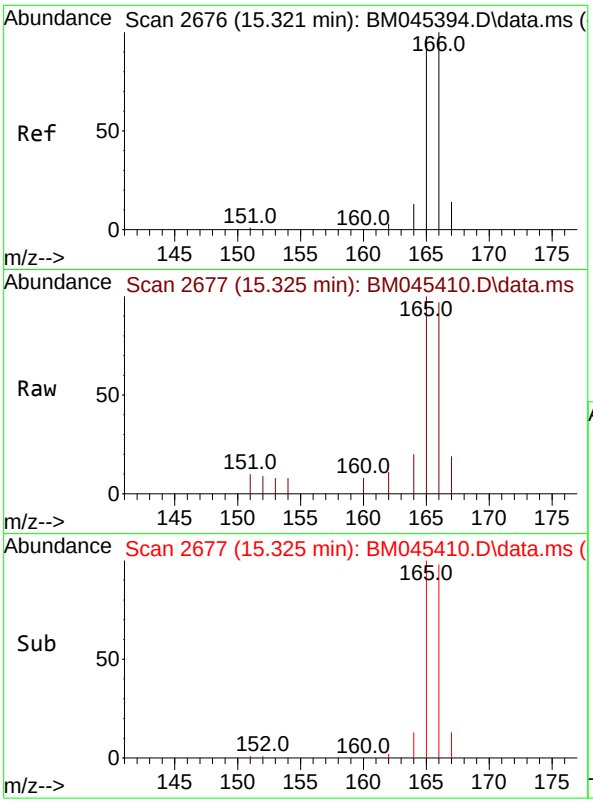


#11
Acenaphthene
Concen: 0.453 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:153 Resp: 1489

Ion	Ratio	Lower	Upper
153	100		
152	55.5	41.2	61.8
154	86.1	69.4	104.0



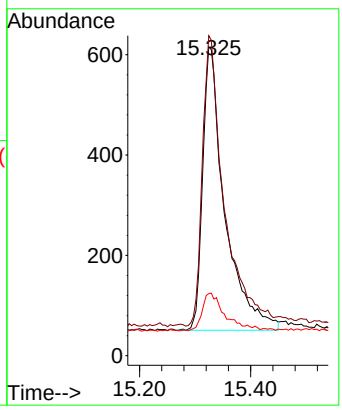


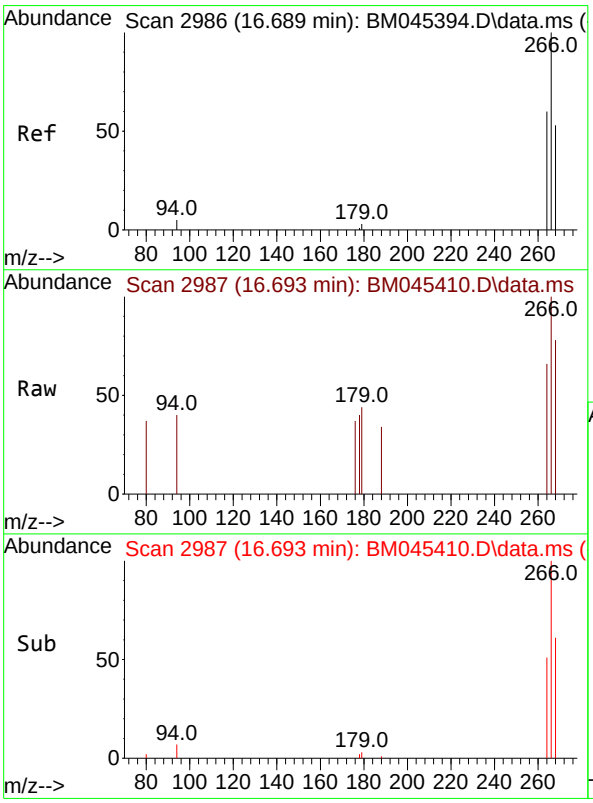
#12
Fluorene
Concen: 0.423 ng/ul
RT: 15.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:166 Resp: 1558

Ion	Ratio	Lower	Upper
166	100		
165	103.6	79.9	119.9
167	20.1	12.2	18.2#

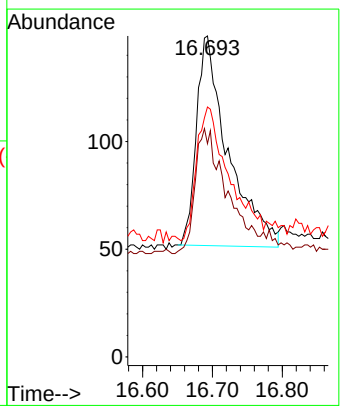


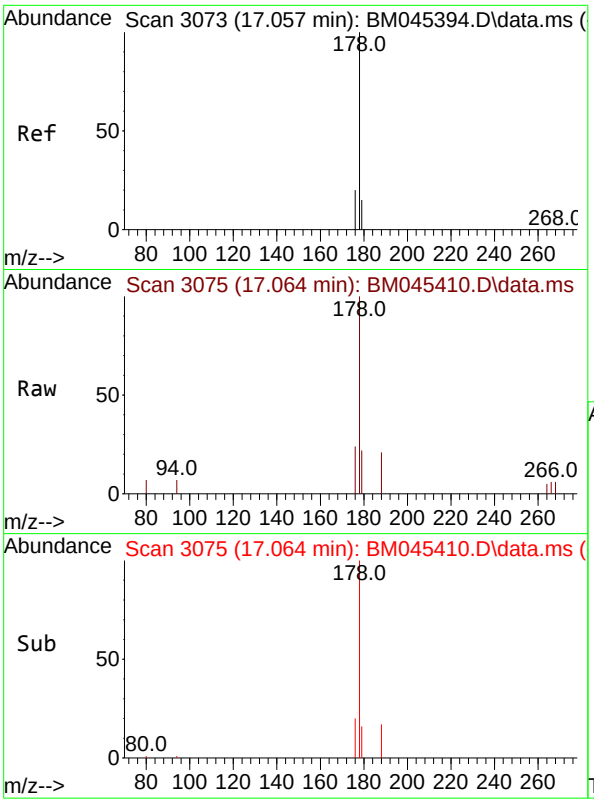


#14
Pentachlorophenol
Concen: 0.680 ng/ul
RT: 16.693 min Scan# 2987
Delta R.T. 0.004 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:266 Resp: 306

Ion	Ratio	Lower	Upper
266	100		
264	66.7	48.3	72.5
268	69.9	52.6	79.0



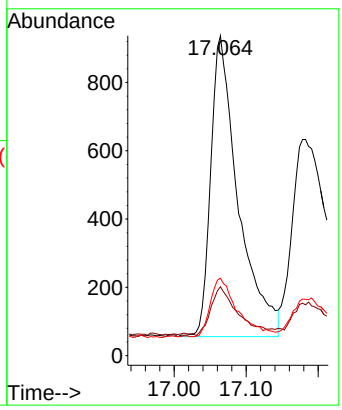


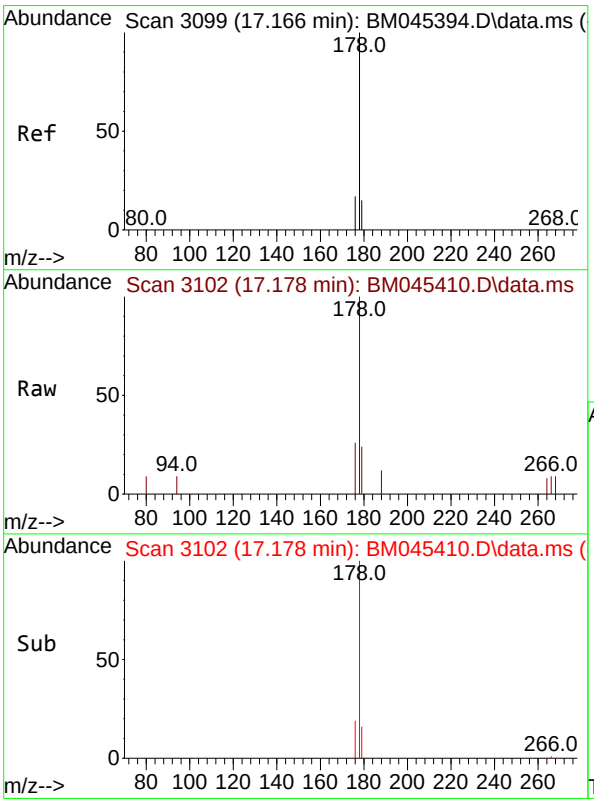
#15
Phenanthrene
Concen: 0.432 ng/ul
RT: 17.064 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:178 Resp: 2332

Ion	Ratio	Lower	Upper
178	100		
179	21.6	13.7	20.5#
176	24.2	17.0	25.4

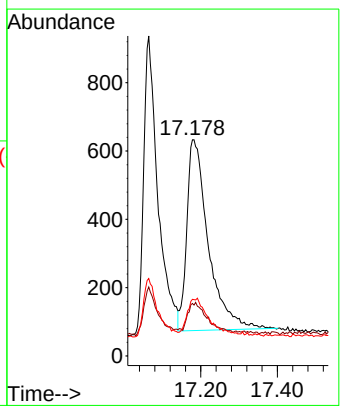


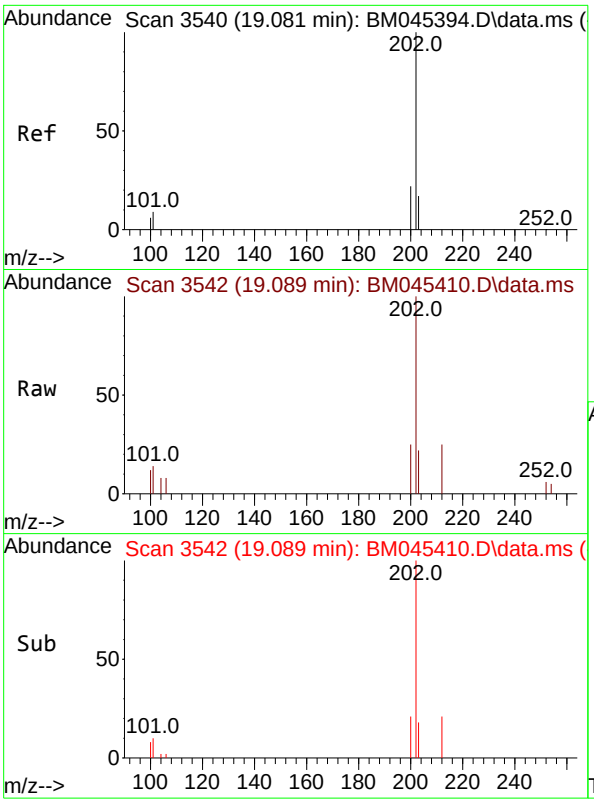


#16
Anthracene
Concen: 0.410 ng/ul
RT: 17.178 min Scan# 3102
Delta R.T. 0.008 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:178 Resp: 2183

Ion	Ratio	Lower	Upper
178	100		
179	24.3	13.8	20.8#
176	26.2	16.2	24.4#



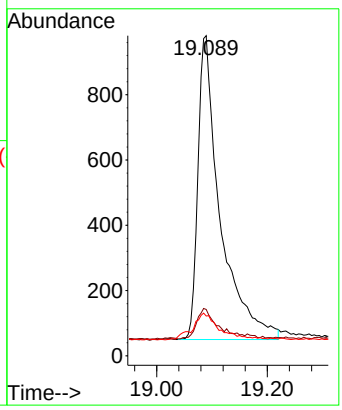


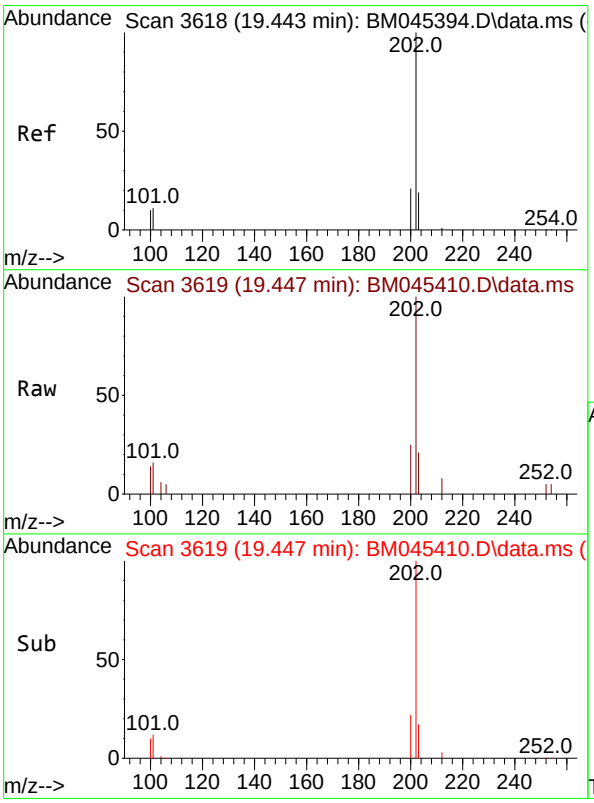
#19
Fluoranthene
Concen: 0.535 ng/ul
RT: 19.089 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:202 Resp: 2607

Ion	Ratio	Lower	Upper
202	100		
101	14.5	8.8	13.2#
100	12.4	7.0	10.4#

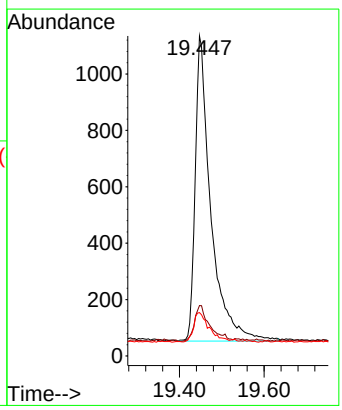


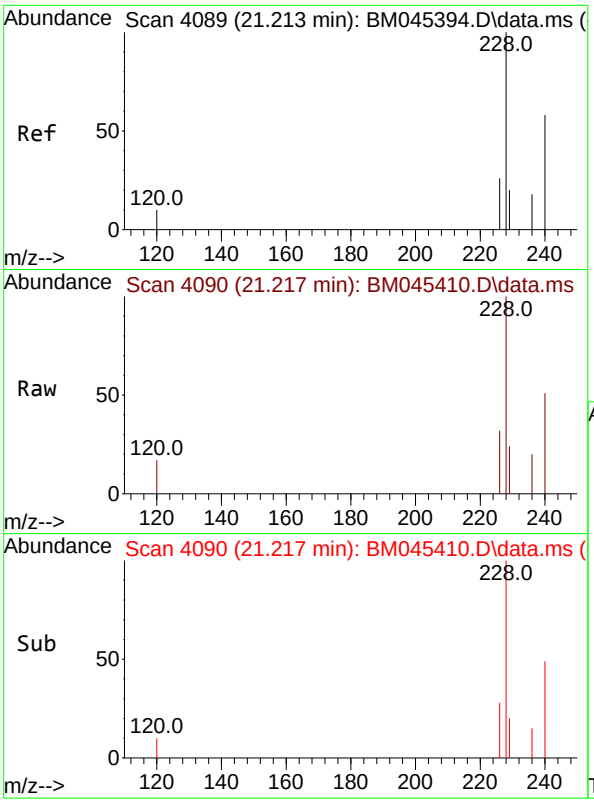


#20
Pyrene
Concen: 0.540 ng/ul
RT: 19.447 min Scan# 3619
Delta R.T. -0.000 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:202 Resp: 2778

Ion	Ratio	Lower	Upper
202	100		
101	15.8	9.8	14.6#
100	13.6	8.1	12.1#



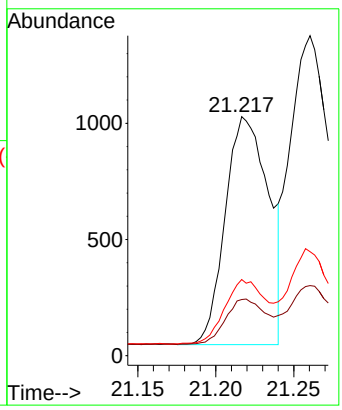


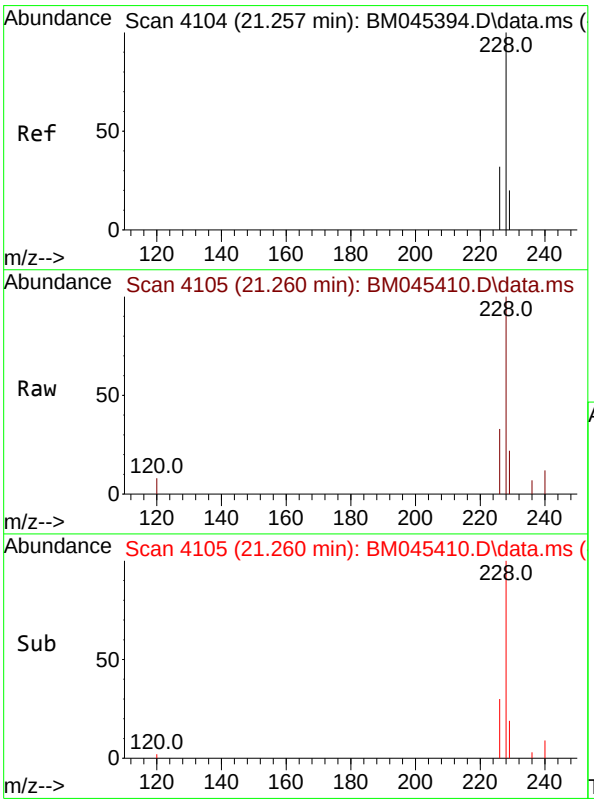
#21
Benzo(a)anthracene
Concen: 0.399 ng/ul
RT: 21.217 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:228 Resp: 1894

Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.4	24.6
226	31.9	22.3	33.5

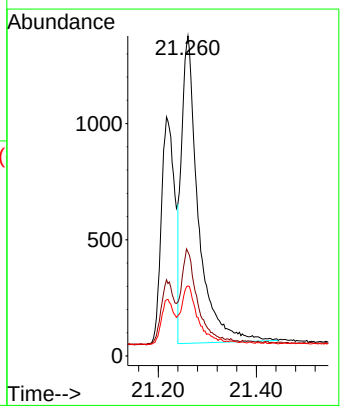


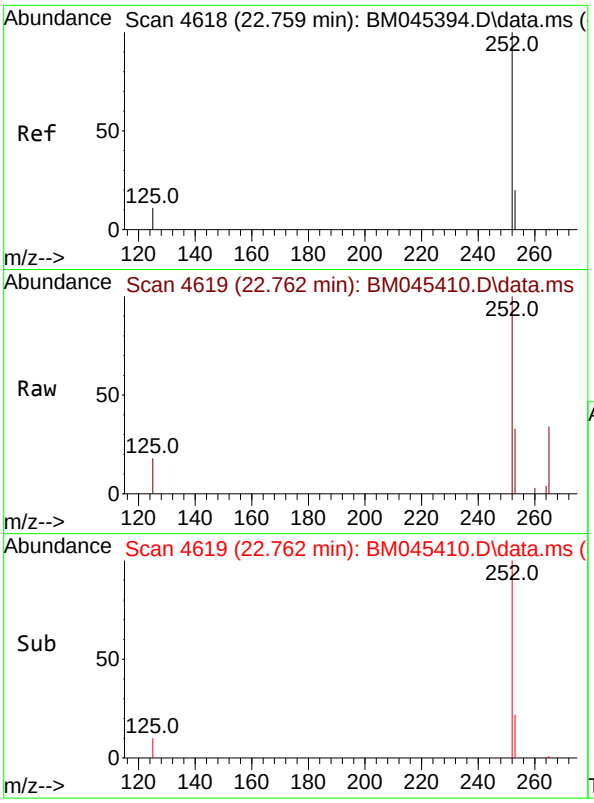


#22
Chrysene
Concen: 0.531 ng/ul
RT: 21.260 min Scan# 4105
Delta R.T. 0.006 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:228 Resp: 3147

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.9	15.9	23.9



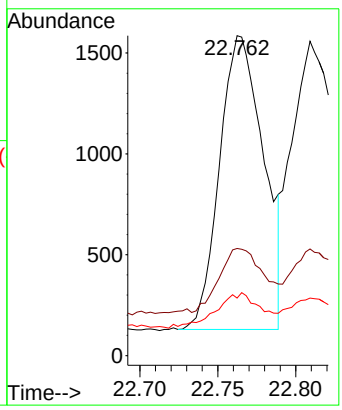


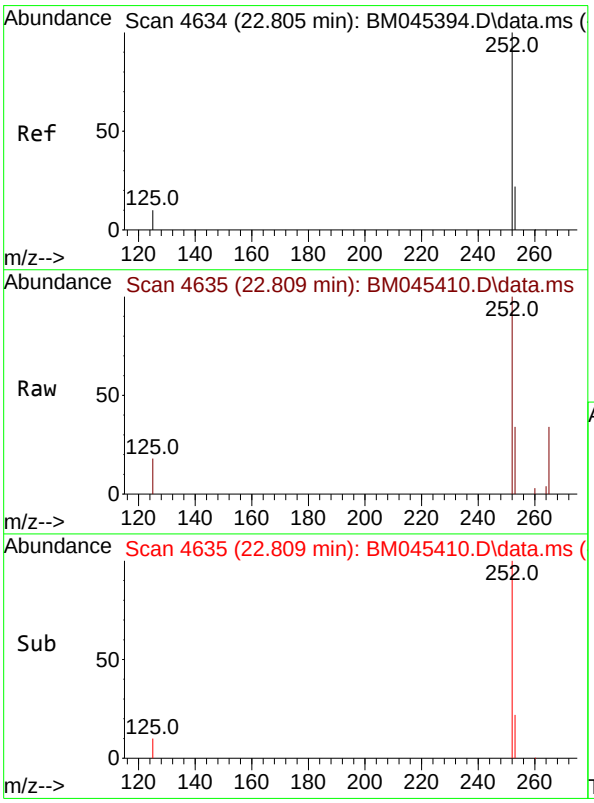
#24
Benzo(b)fluoranthene
Concen: 0.435 ng/ul
RT: 22.762 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:252 Resp: 2857

Ion	Ratio	Lower	Upper
252	100		
253	33.5	0.0	56.4
125	18.0	0.0	33.4

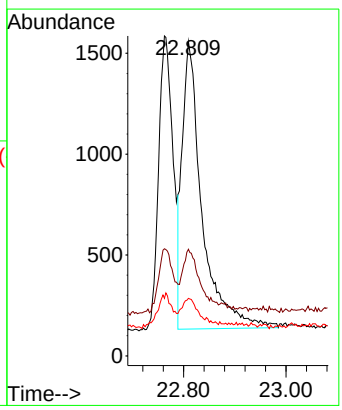


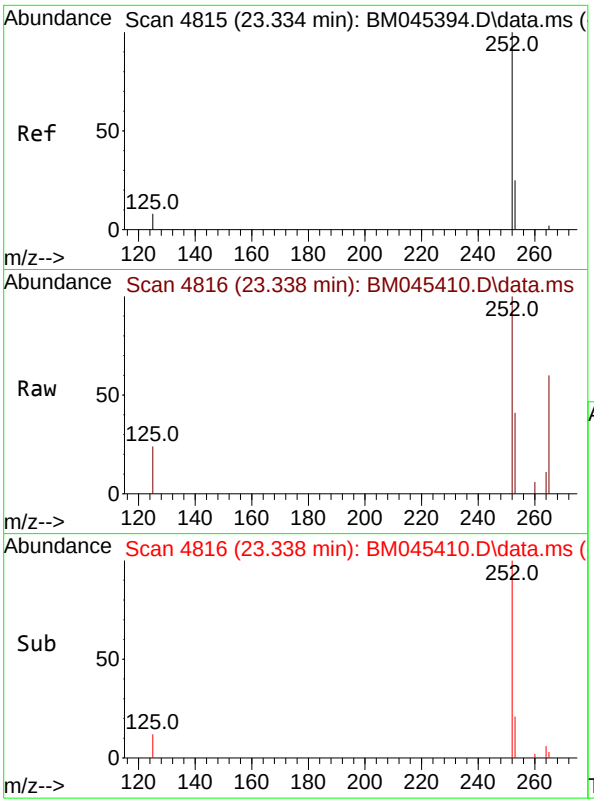


#25
Benzo(k)fluoranthene
Concen: 0.523 ng/ul
RT: 22.809 min Scan# 4635
Delta R.T. 0.003 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:252 Resp: 3849

Ion	Ratio	Lower	Upper
252	100		
253	34.0	22.3	33.5#
125	18.3	11.6	17.4#



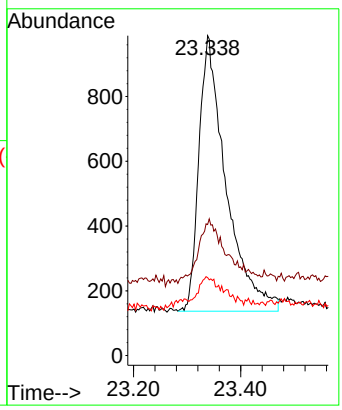


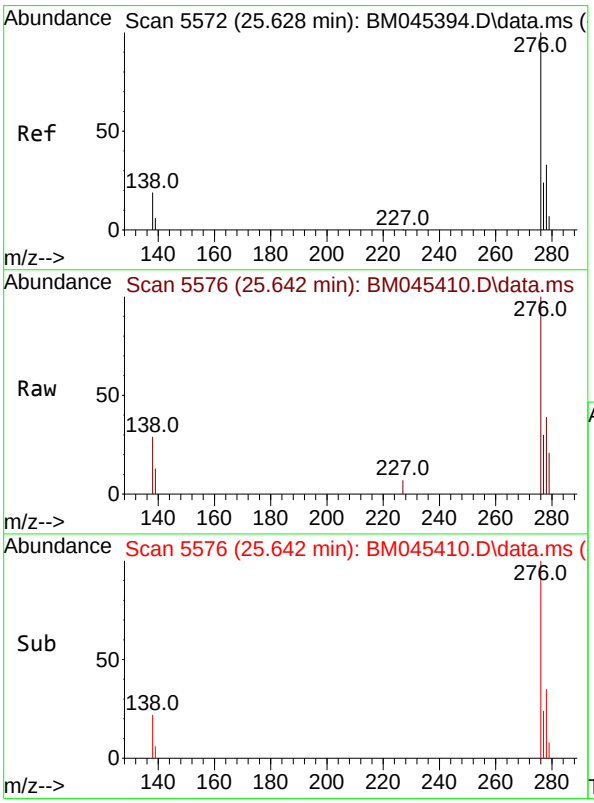
#26
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.338 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:252 Resp: 2984

Ion	Ratio	Lower	Upper
252	100		
253	41.0	24.6	37.0#
125	24.4	18.2	27.4

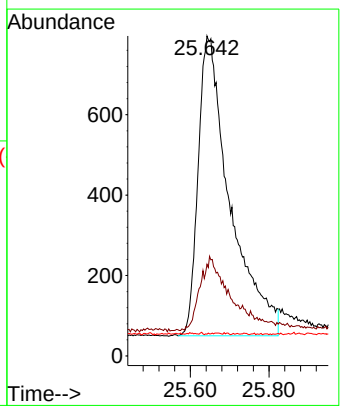


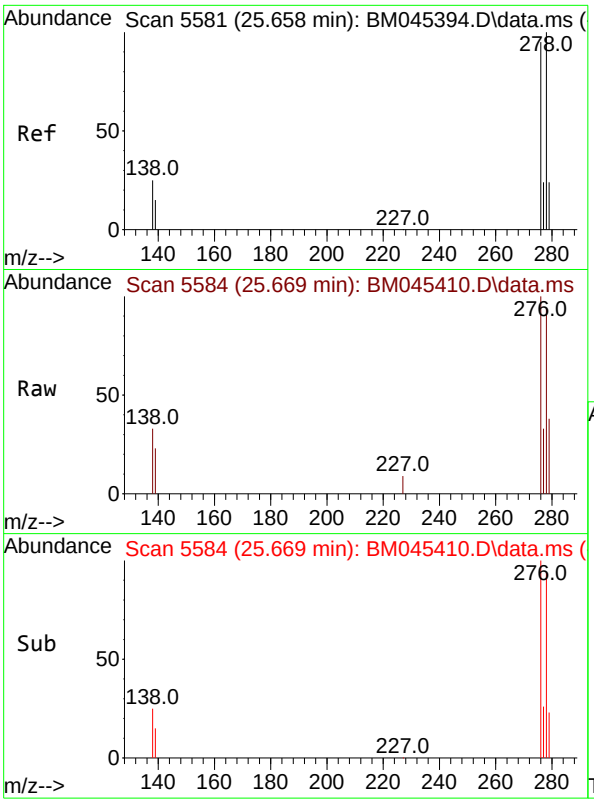


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng/ul
RT: 25.642 min Scan# 5576
Delta R.T. 0.010 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:276 Resp: 4188

Ion	Ratio	Lower	Upper
276	100		
138	24.1	0.0	0.0#
227	0.0	0.1	0.1#



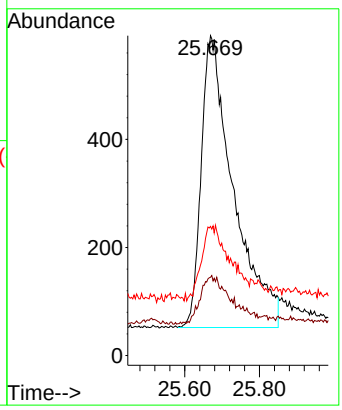


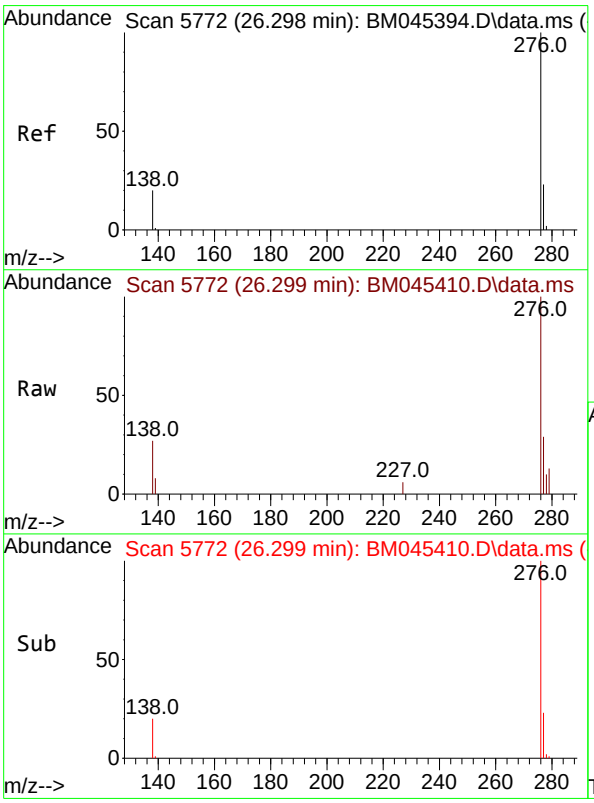
#28
Dibenzo(a,h)anthracene
Concen: 0.475 ng/ul
RT: 25.669 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Instrument :
BNA_M
ClientSampleId :
SLCS234

Tgt Ion:278 Resp: 3231

Ion	Ratio	Lower	Upper
278	100		
139	24.5	13.6	20.4#
279	40.4	23.0	34.4#





#29
Benzo(g,h,i)perylene
Concen: 0.531 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. -0.003 min
Lab File: BM045410.D
Acq: 20 Apr 2024 02:13

Tgt Ion:276 Resp: 3938

Ion	Ratio	Lower	Upper
276	100		
138	26.8	16.8	25.2#
277	28.6	20.3	30.5