Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042020.D
Acq On : 23 Sep 2023 11:49
Operator : MA/JU
Sample : PB155506BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS506

Quant Time: Sep 25 01:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	5479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	12852	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5692	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	10235	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	3815	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	3838	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	6389	0.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	7538	0.468	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	8600	0.547	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	15255	1.942	ng/ul#	87
5) Naphthalene	10.818	128	17893	0.416	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	10544	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.643	142	11341	0.435	ng/ul	99
10) Acenaphthylene	14.324	152	15465	0.405	ng/ul	99
11) Acenaphthene	14.657	153	12011	0.411	ng/ul	99
12) Fluorene	15.647	166	13124	0.398	ng/ul	98
14) Pentachlorophenol	16.978	266	3752	0.693	ng/ul	99
15) Phenanthrene	17.392	178	19476	0.410	ng/ul	99
16) Anthracene	17.485	178	17003	0.415	ng/ul	99
19) Fluoranthene	19.403	202	19632	0.455	ng/ul	99
20) Pyrene	19.766	202	19797	0.467	ng/ul	99
21) Benzo(a)anthracene	21.504	228	12418	0.429	ng/ul	99
22) Chrysene	21.559	228	12965	0.434	ng/ul	100
24) Benzo(b)fluoranthene	23.187	252	12746	0.431	ng/ul	96
25) Benzo(k)fluoranthene	23.237	252	12357	0.430	ng/ul	95
26) Benzo(a)pyrene	23.822	252	10849	0.447	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.424	276	15051	0.451	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.441	278	10697	0.444	ng/ul	99
29) Benzo(g,h,i)perylene	27.199	276	12799	0.456	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042020.D
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Quant Time: Sep 25 01:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
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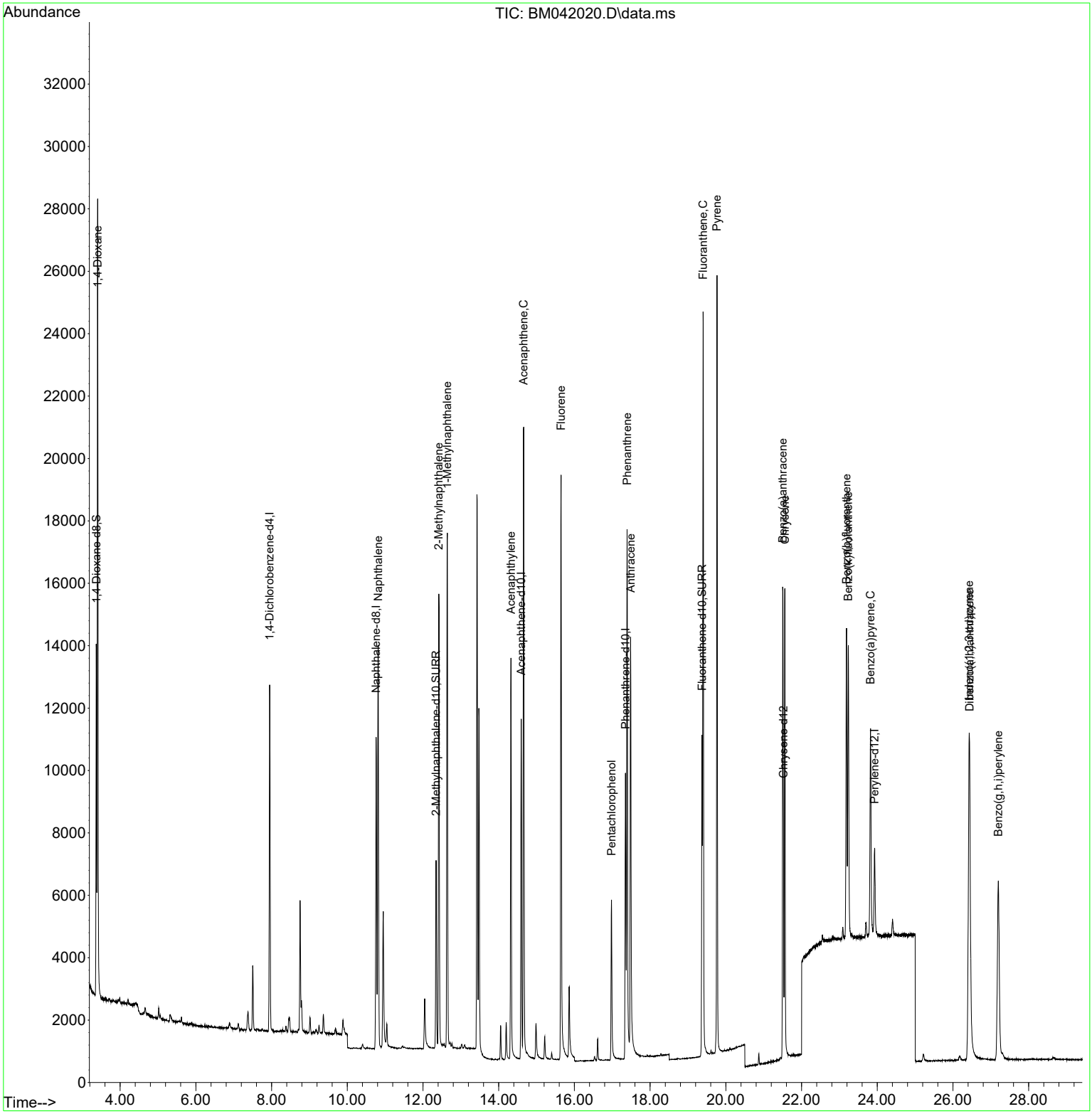
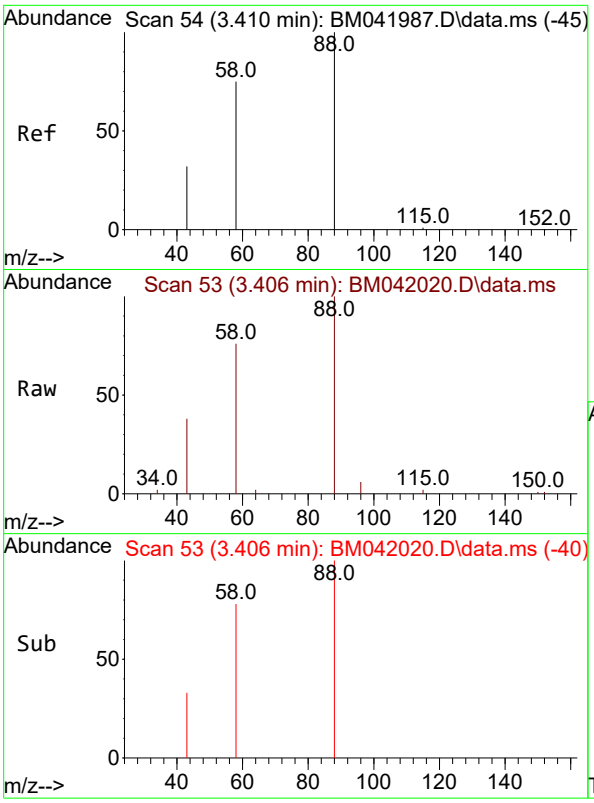


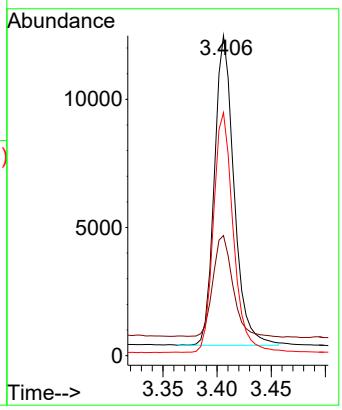


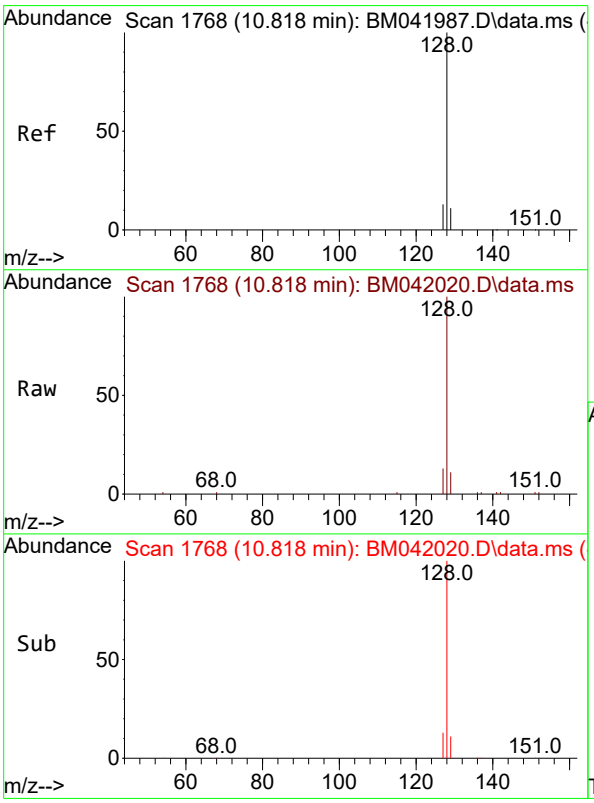
#2
1,4-Dioxane
Concen: 1.942 ng/ul
RT: 3.406 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion: 88 Resp: 15255

Ion	Ratio	Lower	Upper
88	100		
43	37.5	42.9	64.3#
58	76.0	56.4	84.6

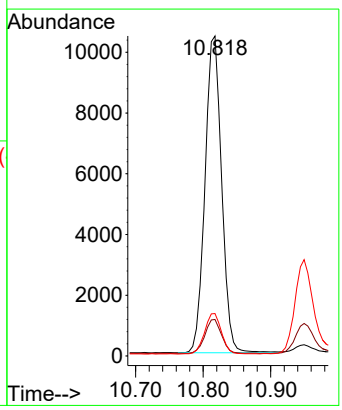


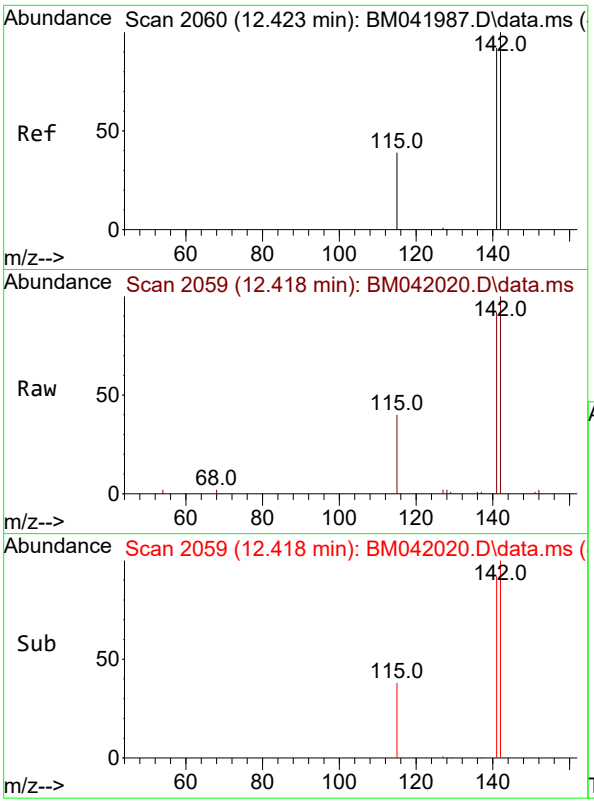


#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:128 Resp: 17893

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.2	10.8	16.2



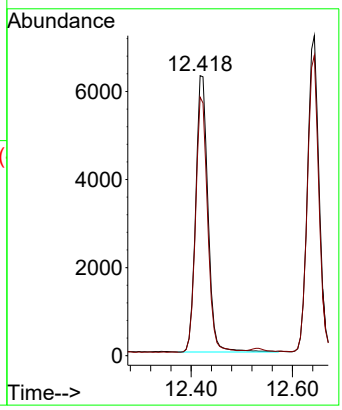


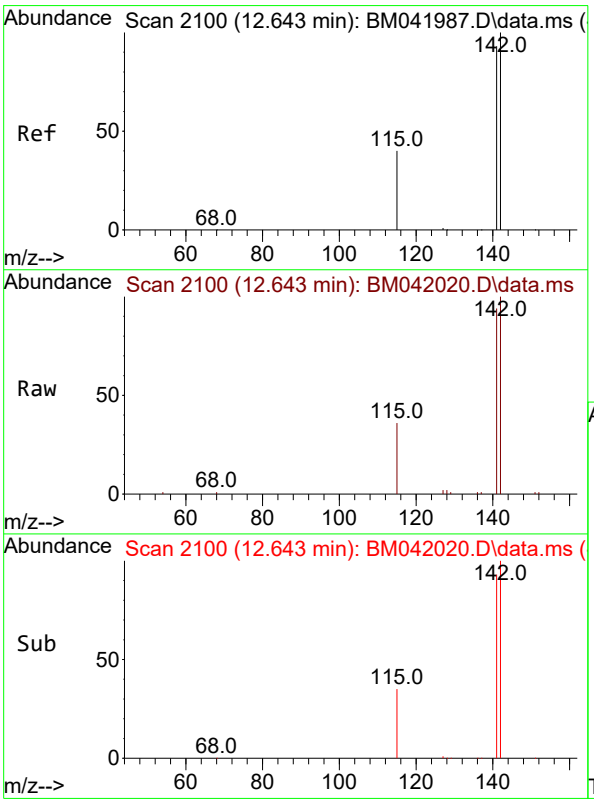
#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.418 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:142 Resp: 10544

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.1	108.1

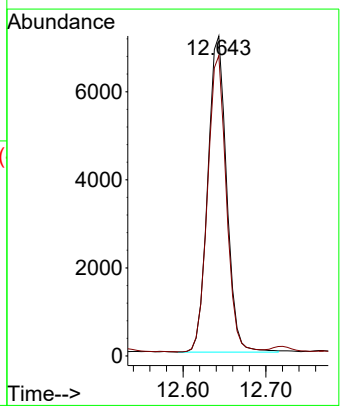


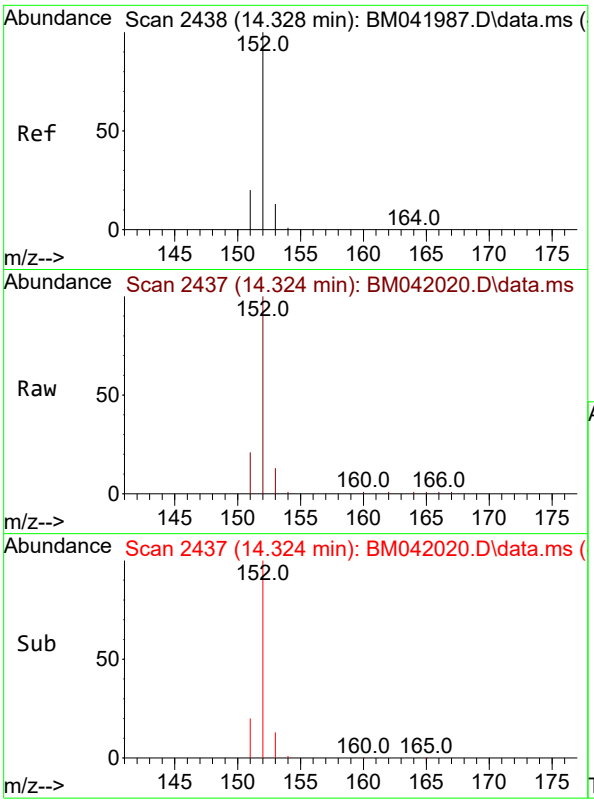


#8
1-Methylnaphthalene
Concen: 0.435 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:142 Resp: 11341

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.1	112.7



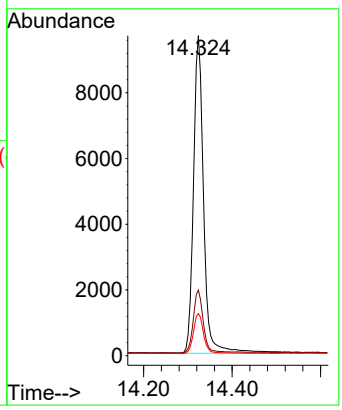


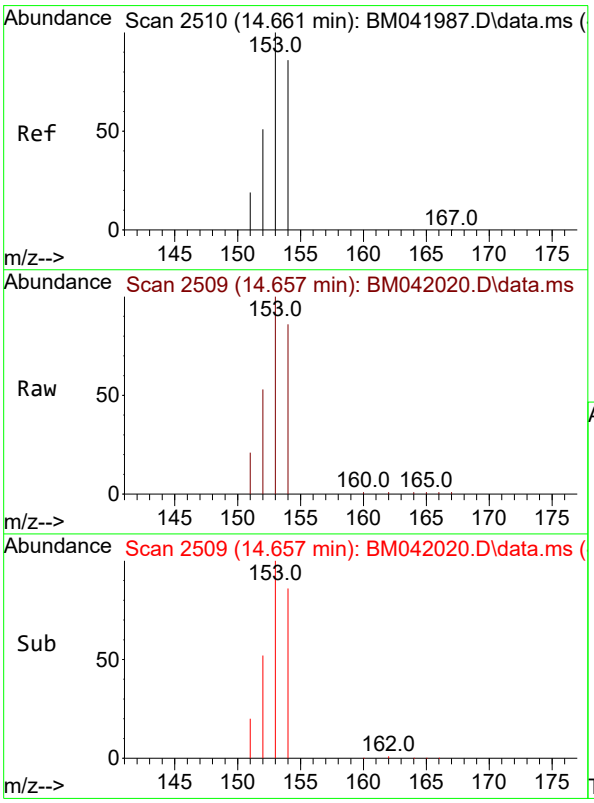
#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:152 Resp: 15465

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.2	10.8	16.2

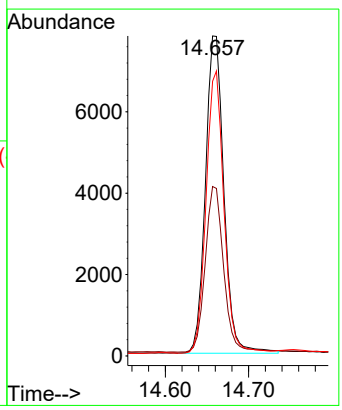


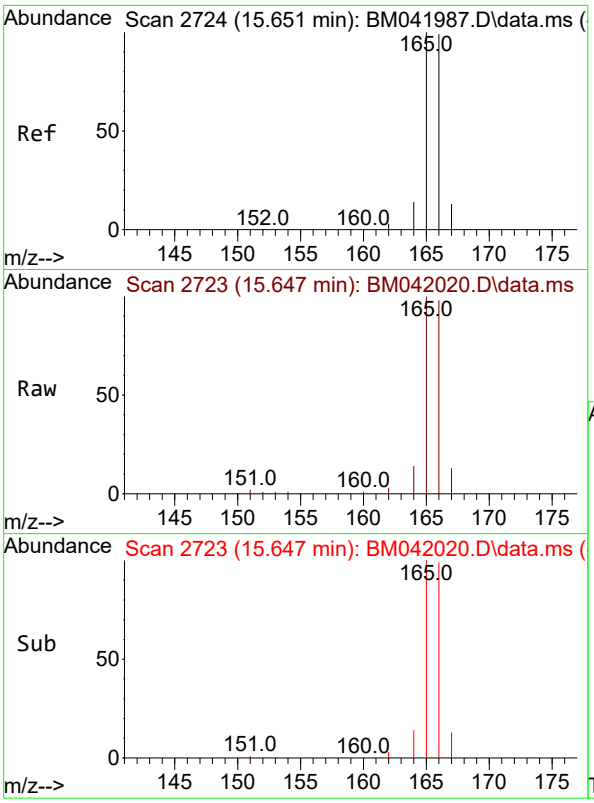


#11
Acenaphthene
Concen: 0.411 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:153 Resp: 12011

Ion	Ratio	Lower	Upper
153	100		
152	53.0	41.8	62.8
154	85.9	69.0	103.6



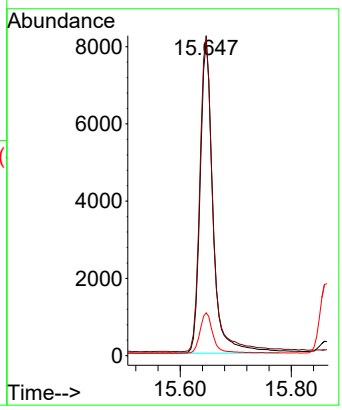


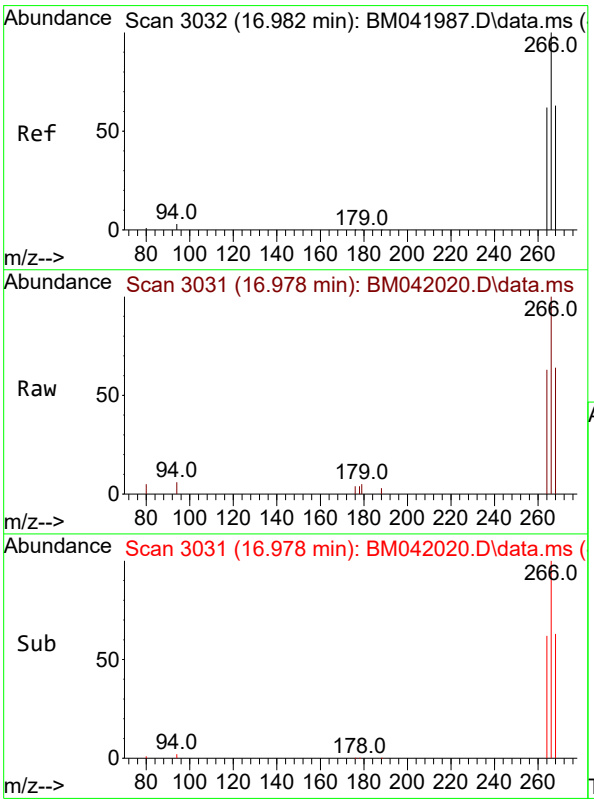
#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.647 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:166 Resp: 13124

Ion	Ratio	Lower	Upper
166	100		
165	101.6	79.8	119.8
167	13.6	11.1	16.7

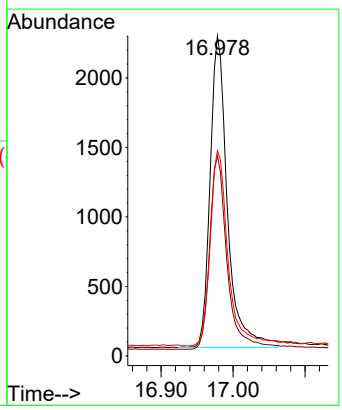


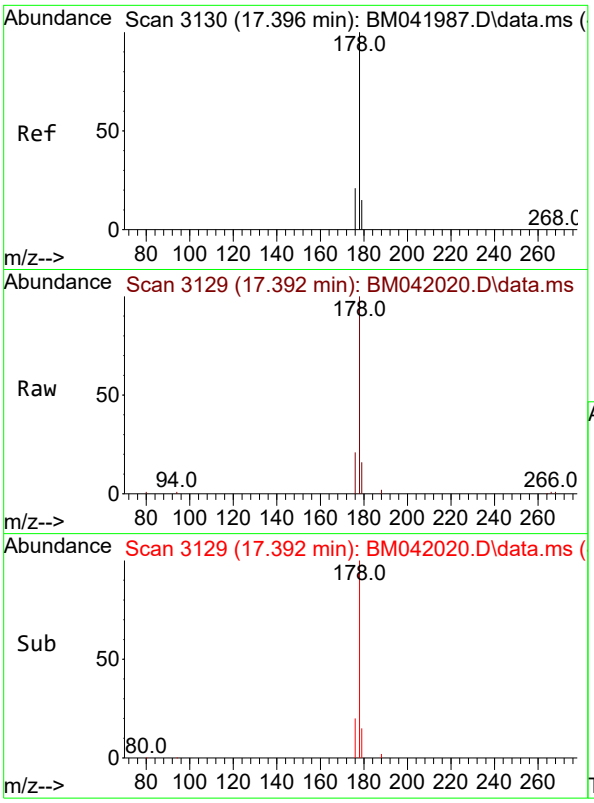


#14
Pentachlorophenol
Concen: 0.693 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:266 Resp: 3752

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.2	75.4
268	64.6	51.0	76.4



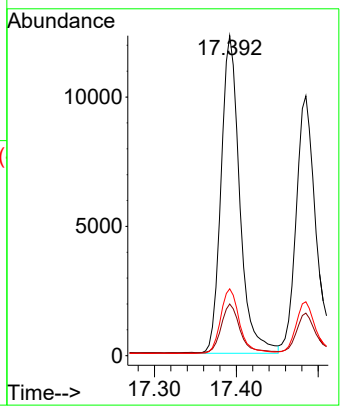


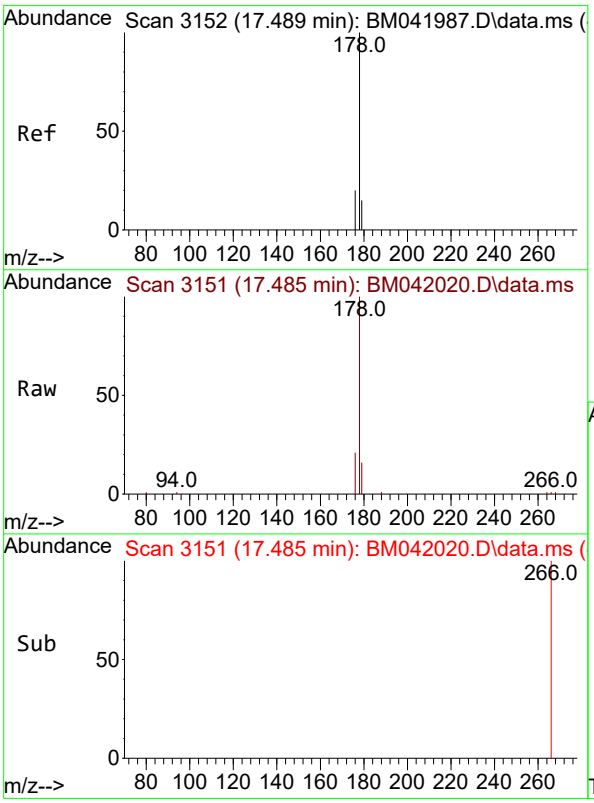
#15
Phenanthrene
Concen: 0.410 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:178 Resp: 19476

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	20.9	16.6	24.8

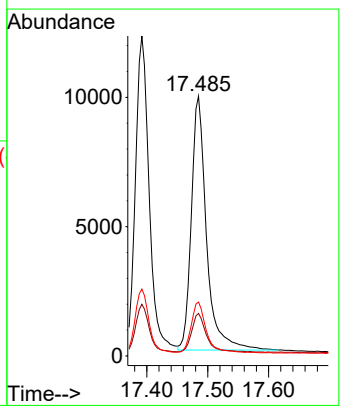


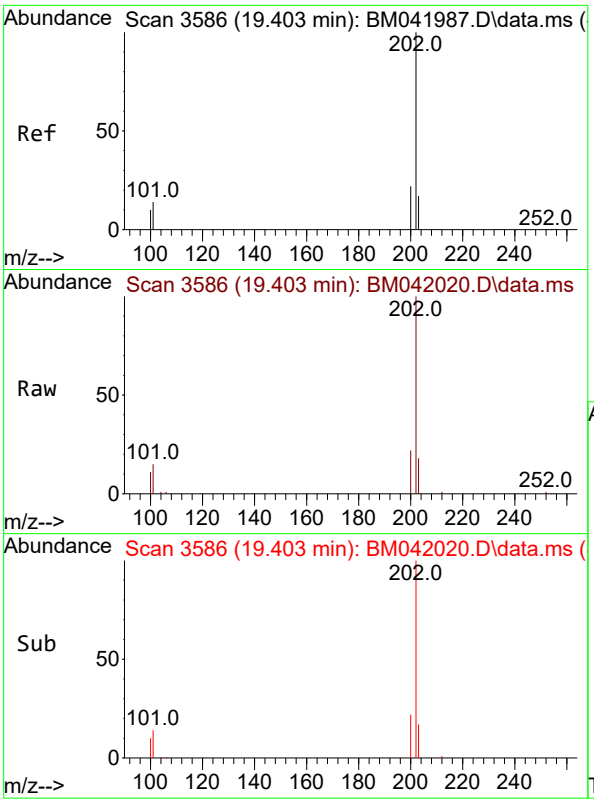


#16
Anthracene
Concen: 0.415 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:178 Resp: 17003

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	20.7	16.2	24.2



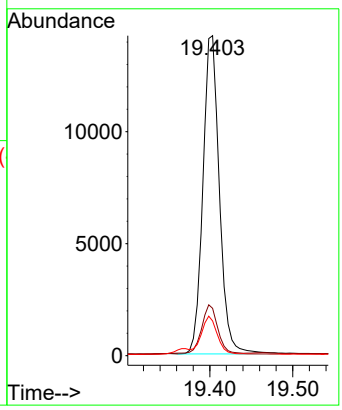


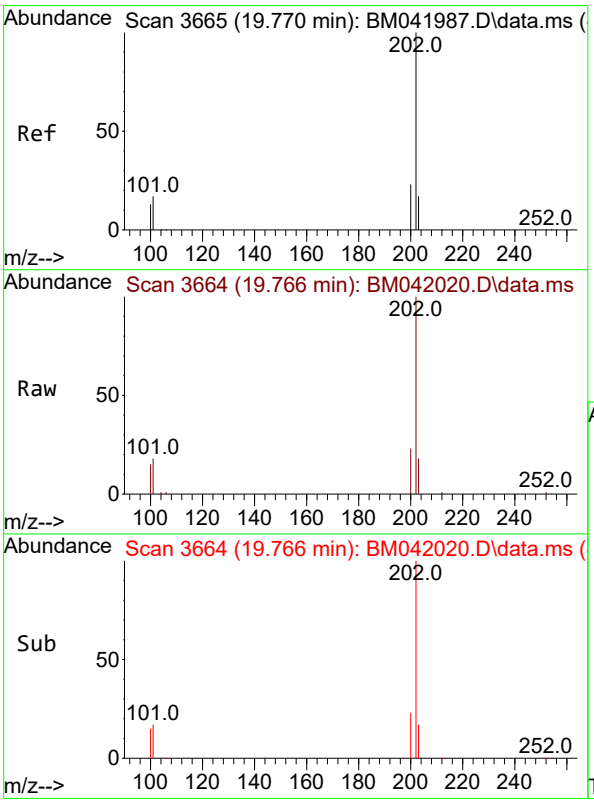
#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:202 Resp: 19632

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.8	17.6
100	10.9	9.1	13.7

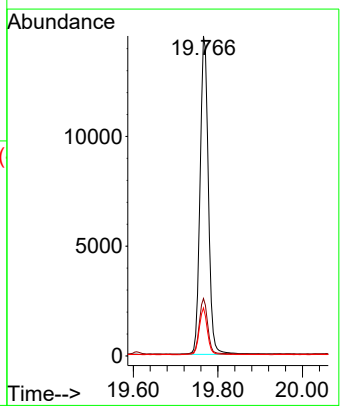


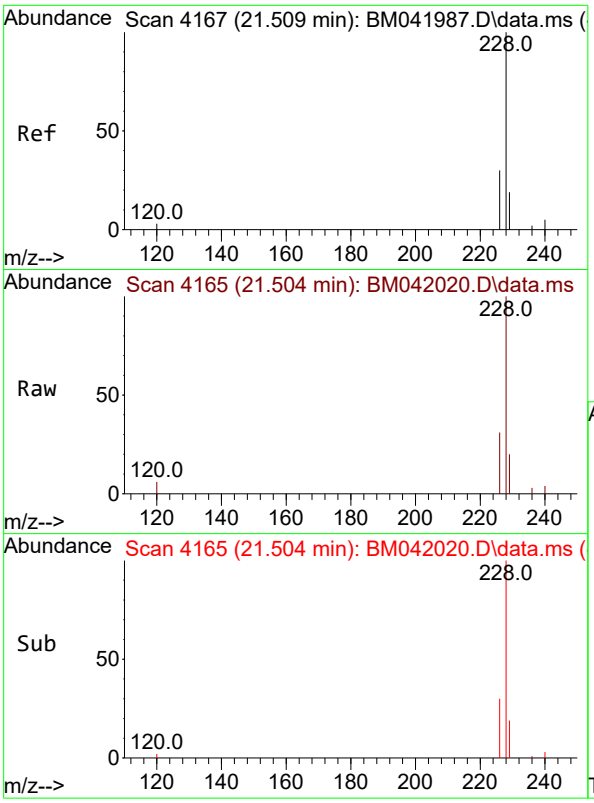


#20
Pyrene
Concen: 0.467 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:202 Resp: 19797

Ion	Ratio	Lower	Upper
202	100		
101	17.9	14.1	21.1
100	15.0	11.4	17.0





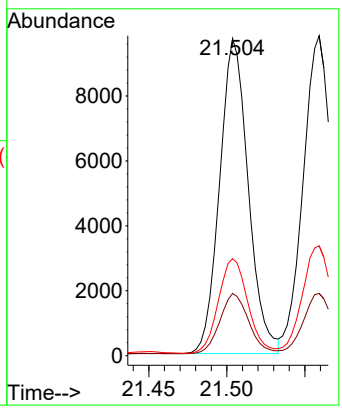
#21
Benzo(a)anthracene
Concen: 0.429 ng/ul
RT: 21.504 min Scan# 4

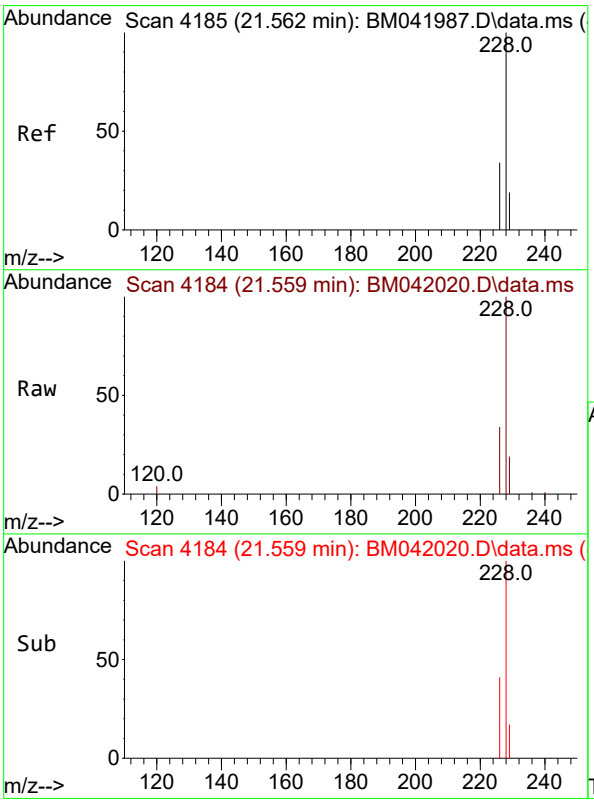
Instrument :
BNA_M
ClientSampleId :
SLCS506

Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:228 Resp: 12418

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.5	23.3
226	30.5	24.8	37.2

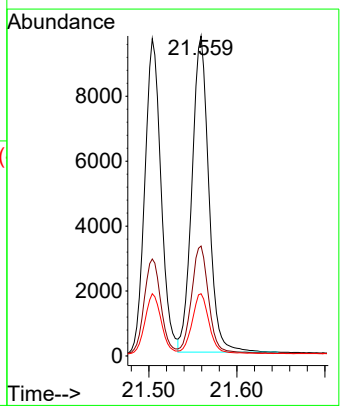


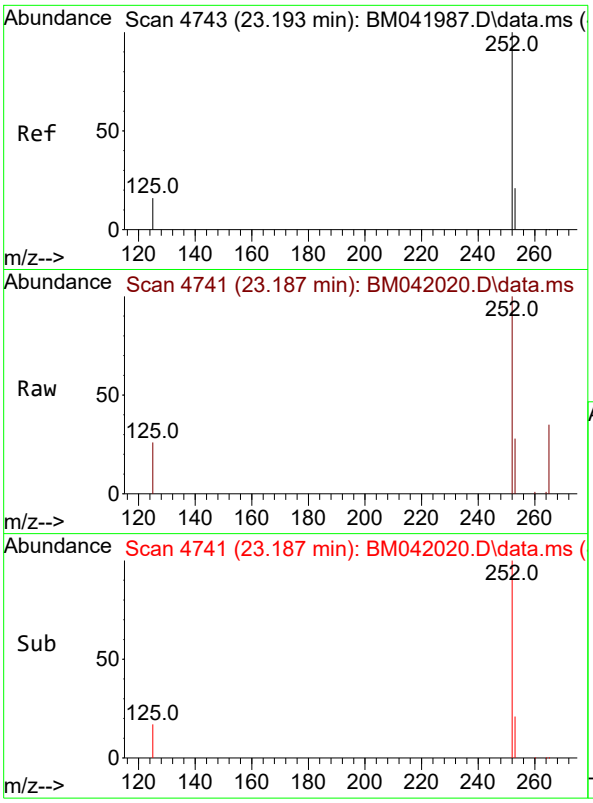


#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:228 Resp: 12965

Ion	Ratio	Lower	Upper
228	100		
226	34.3	27.8	41.6
229	19.4	15.6	23.4



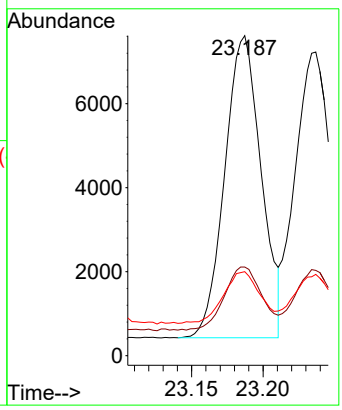


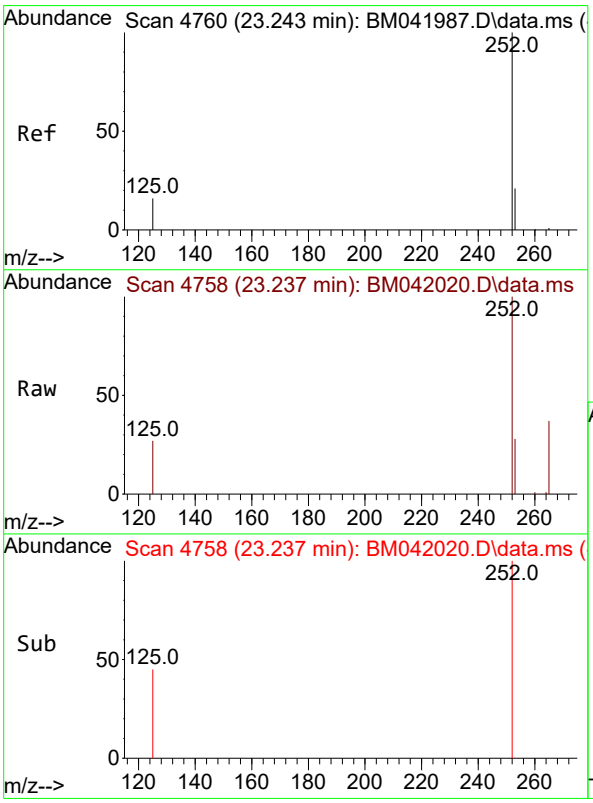
#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 23.187 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:252 Resp: 12746

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	54.4
125	26.2	0.0	46.2

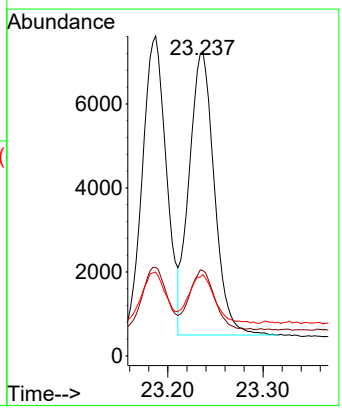


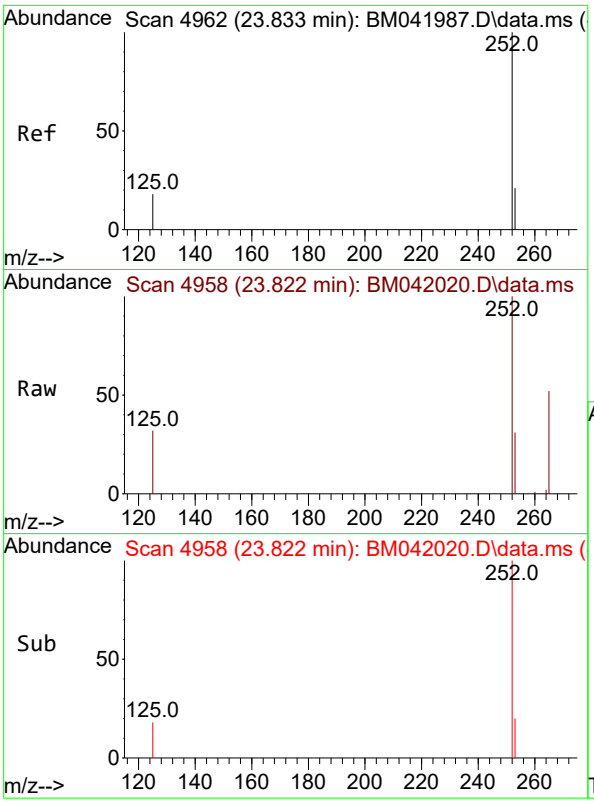


#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.237 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:252 Resp: 12357

Ion	Ratio	Lower	Upper
252	100		
253	28.1	21.0	31.6
125	26.8	19.0	28.6



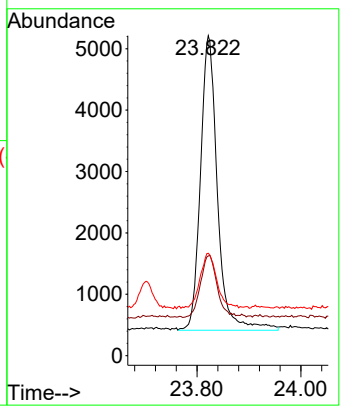


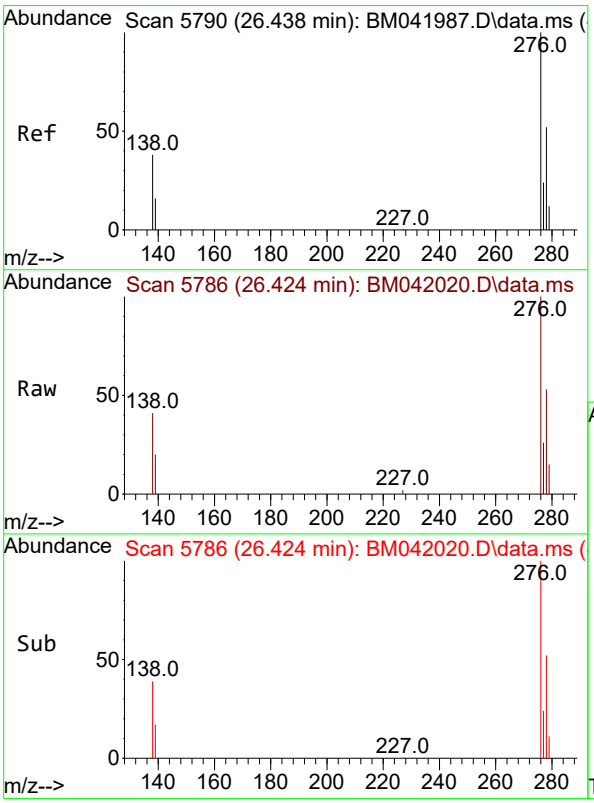
#26
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.822 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:252 Resp: 10849

Ion	Ratio	Lower	Upper
252	100		
253	31.2	23.2	34.8
125	32.0	22.5	33.7

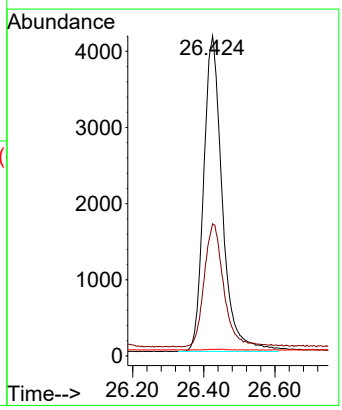


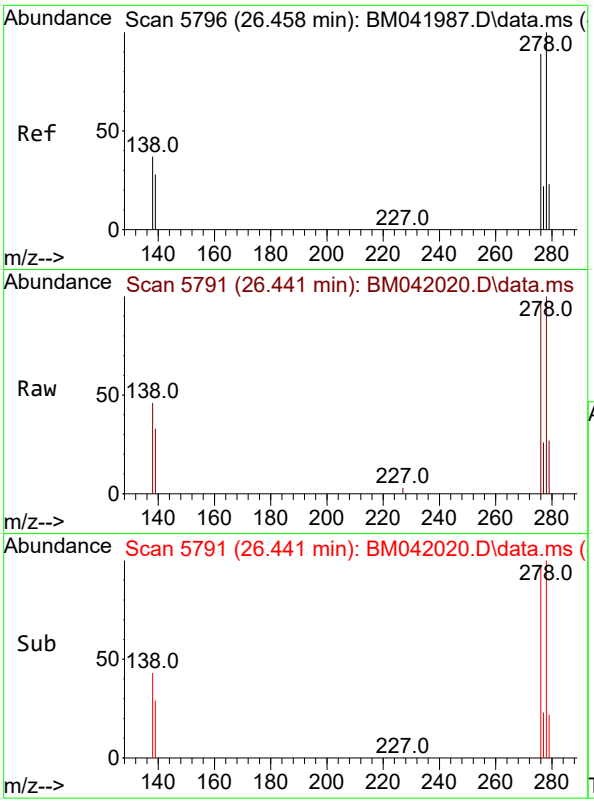


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.424 min Scan# 5786
Delta R.T. -0.007 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:276 Resp: 15051

Ion	Ratio	Lower	Upper
276	100		
138	41.0	32.1	48.1
227	0.1	0.2	0.2#



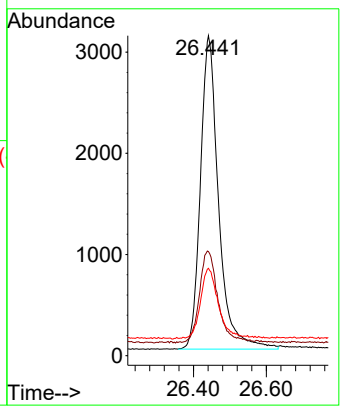


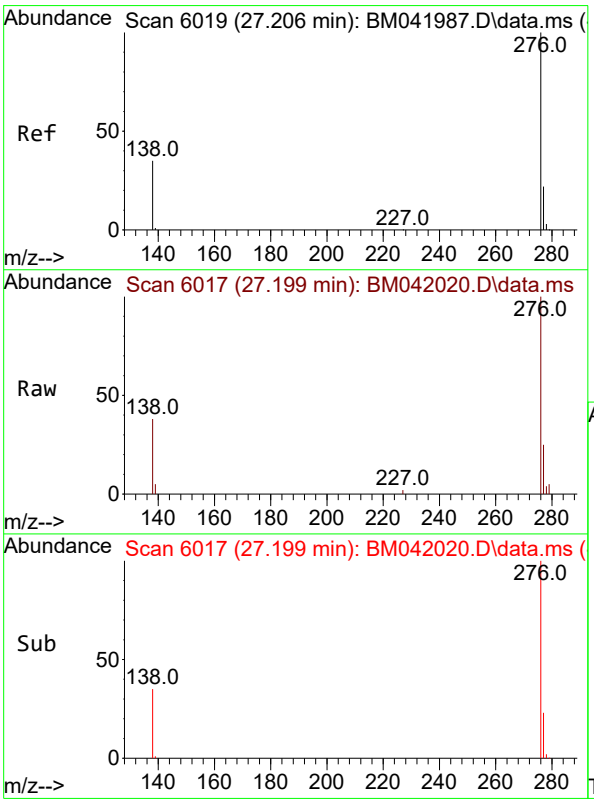
#28
Dibenzo(a,h)anthracene
Concen: 0.444 ng/ul
RT: 26.441 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Instrument :
BNA_M
ClientSampleId :
SLCS506

Tgt Ion:278 Resp: 10697

Ion	Ratio	Lower	Upper
278	100		
139	32.5	25.0	37.6
279	27.3	21.7	32.5





#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 27.199 min Scan# 6017
Delta R.T. -0.010 min
Lab File: BM042020.D
Acq: 23 Sep 2023 11:49

Tgt Ion:276 Resp: 12799

Ion	Ratio	Lower	Upper
276	100		
138	38.3	29.0	43.4
277	24.7	19.6	29.4