Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030223.D
Acq On : 03 Mar 2024 18:11
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Quant Time: Mar 03 22:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	1257	0.400	ng/ul	0.00
4) Naphthalene-d8	10.628	136	3293	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.479	164	1600	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.239	188	3180	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	3022	0.400	ng/ul	# 0.00
23) Perylene-d12	23.803	264	3586	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	768	0.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	1972	0.463	ng/ul	-0.01
18) Fluoranthene-d10	19.272	212	4075	0.414	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	781	0.414	ng/ul	99
5) Naphthalene	10.678	128	4368	0.450	ng/ul	100
7) 2-Methylnaphthalene	12.306	142	2384	0.453	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	2515	0.451	ng/ul	100
10) Acenaphthylene	14.201	152	3996	0.447	ng/ul	99
11) Acenaphthene	14.543	153	2846	0.433	ng/ul	97
12) Fluorene	15.538	166	2966	0.444	ng/ul	99
14) Pentachlorophenol	16.888	266	514	0.567	ng/ul	99
15) Phenanthrene	17.281	178	4567	0.428	ng/ul	99
16) Anthracene	17.374	178	4184	0.446	ng/ul	99
19) Fluoranthene	19.305	202	5480	0.408	ng/ul	97
20) Pyrene	19.667	202	5952	0.408	ng/ul	95
21) Benzo(a)anthracene	21.432	228	4893	0.458	ng/ul	99
22) Chrysene	21.485	228	5554	0.433	ng/ul	99
24) Benzo(b)fluoranthene	23.087	252	5850	0.423	ng/ul	94
25) Benzo(k)fluoranthene	23.133	252	6593	0.404	ng/ul	95
26) Benzo(a)pyrene	23.701	252	5821	0.414	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.235	276	7754	0.431	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.259	278	6192	0.445	ng/ul	89
29) Benzo(g,h,i)perylene	26.967	276	6896	0.413	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030223.D
Acq On : 03 Mar 2024 18:11
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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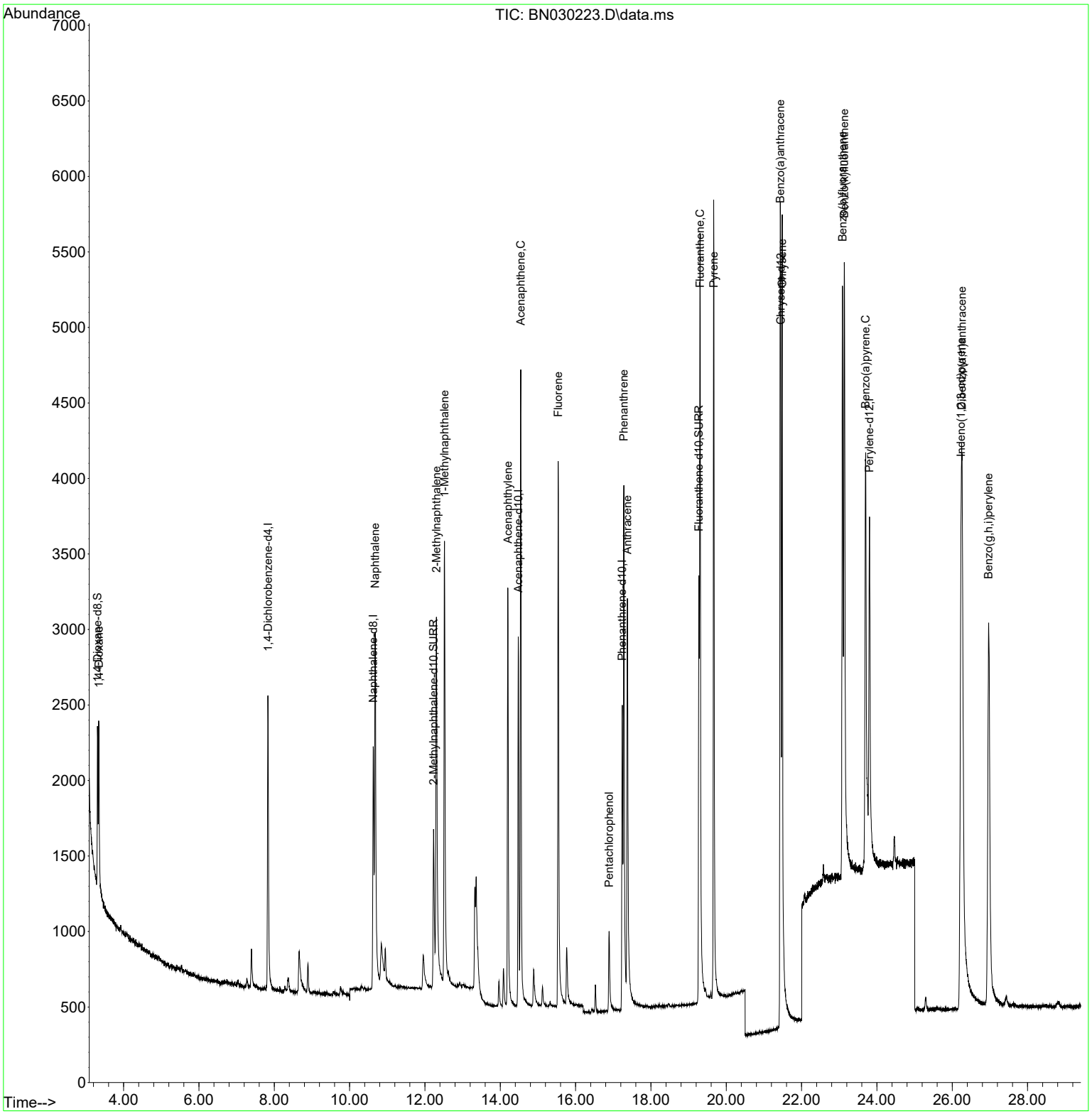
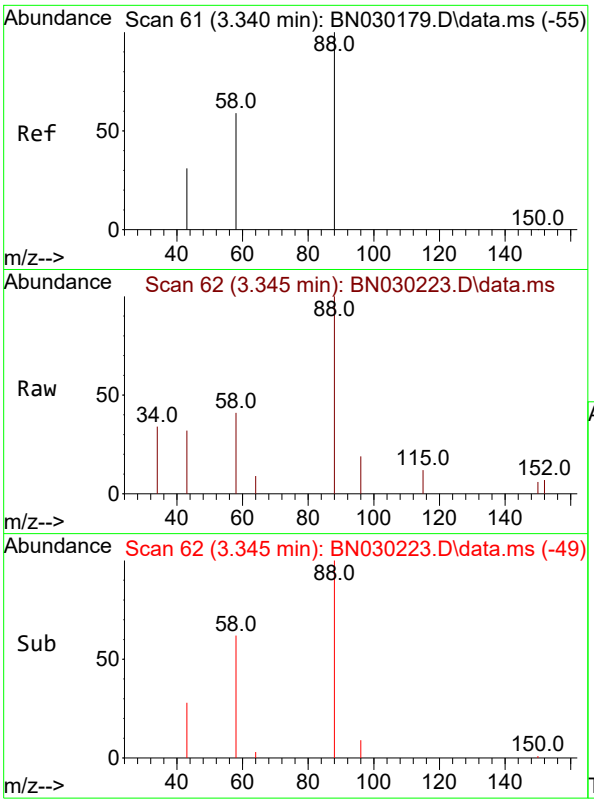
Quant Time: Mar 03 22:54:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 02 16:09:30 2024
Response via : Initial Calibration



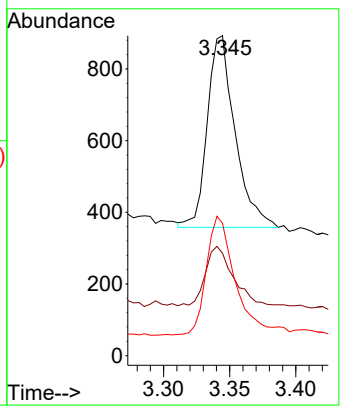


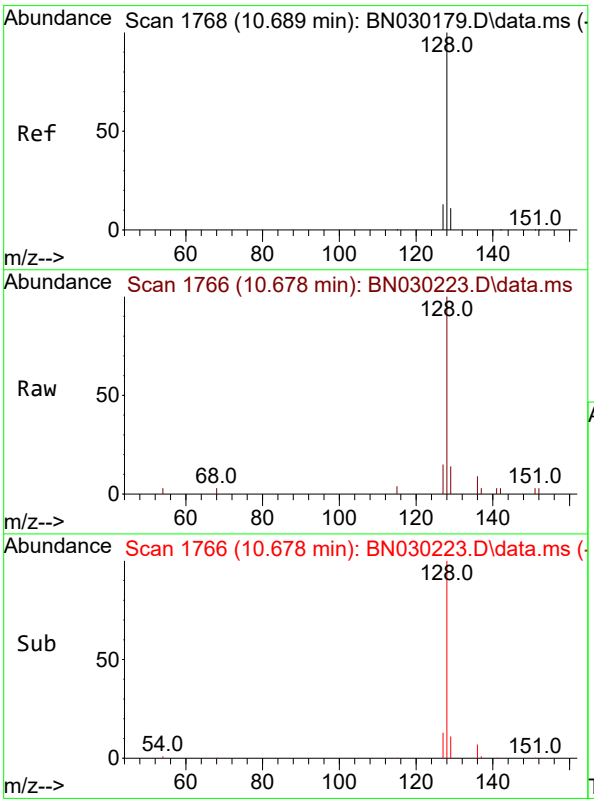
#2
1,4-Dioxane
Concen: 0.414 ng/ul
RT: 3.345 min Scan# 6
Delta R.T. 0.004 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion: 88 Resp: 781

Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.7	38.5
58	41.3	33.8	50.8

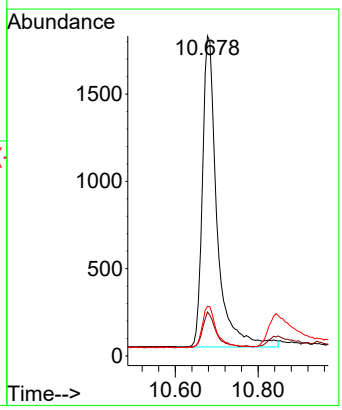


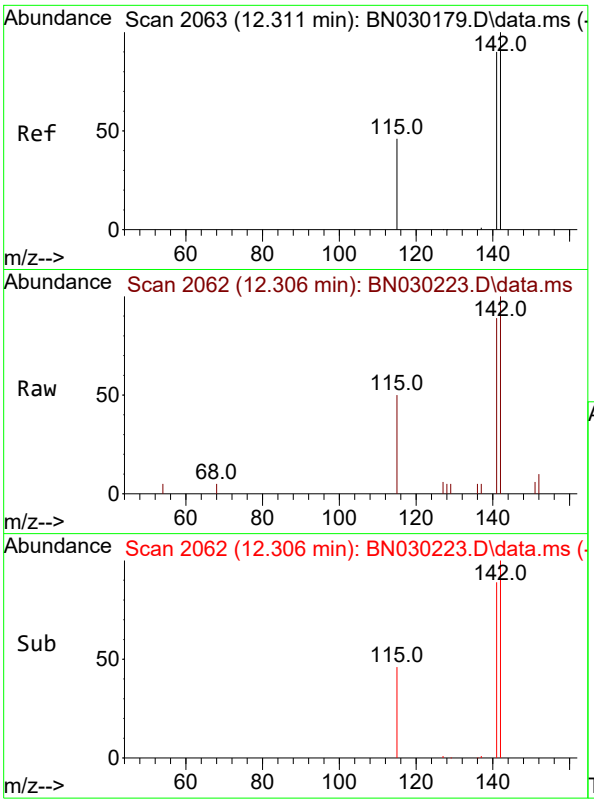


#5
Naphthalene
Concen: 0.450 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:128 Resp: 4368

Ion	Ratio	Lower	Upper
128	100		
129	13.7	11.0	16.4
127	15.4	12.3	18.5



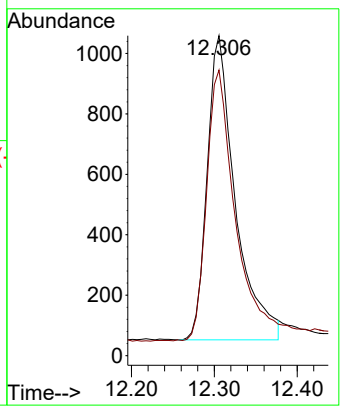


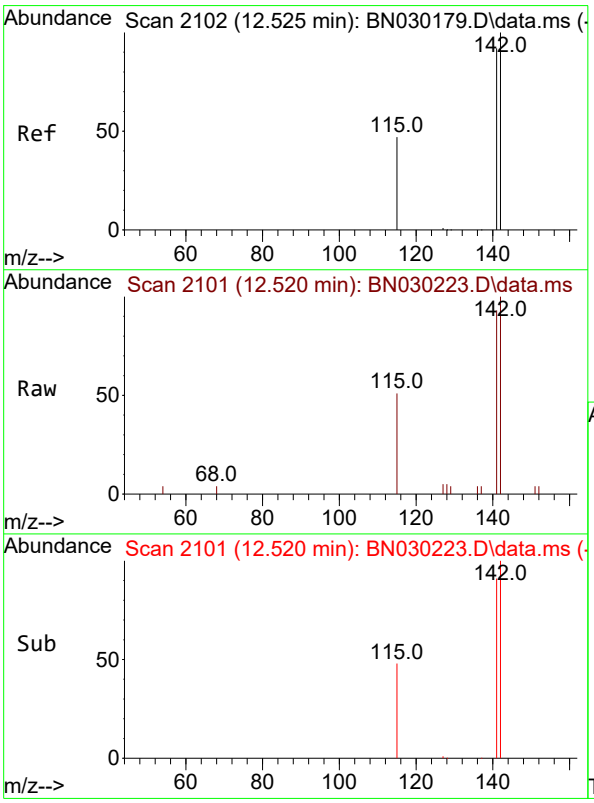
#7
2-Methylnaphthalene
Concen: 0.453 ng/ul
RT: 12.306 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:142 Resp: 2384

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.8	109.2

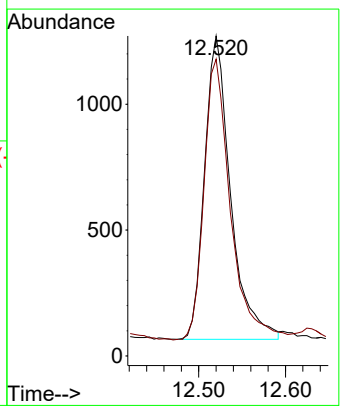


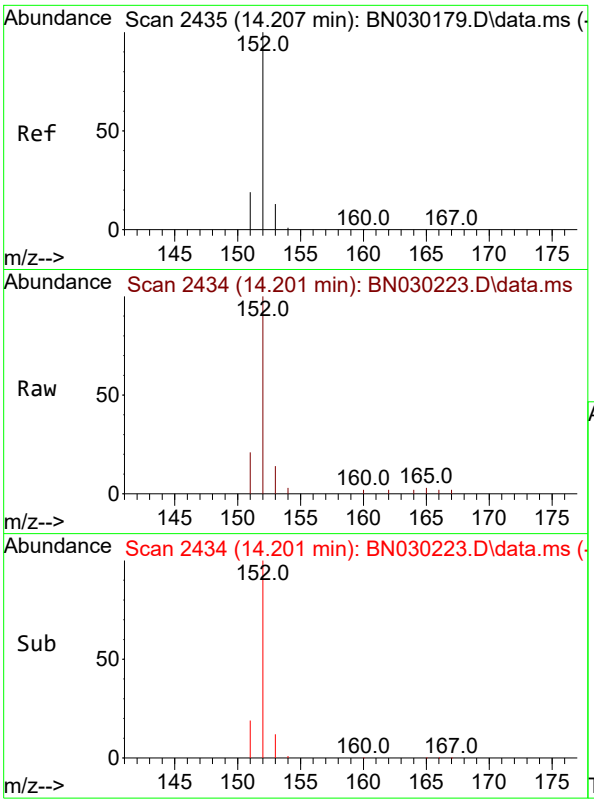


#8
1-Methylnaphthalene
Concen: 0.451 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:142 Resp: 2515

Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.2



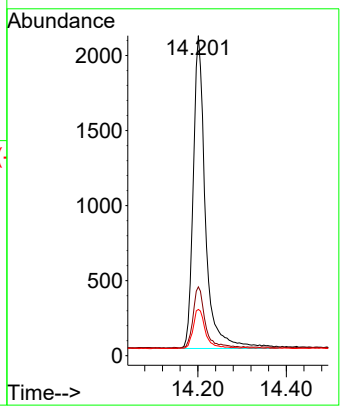


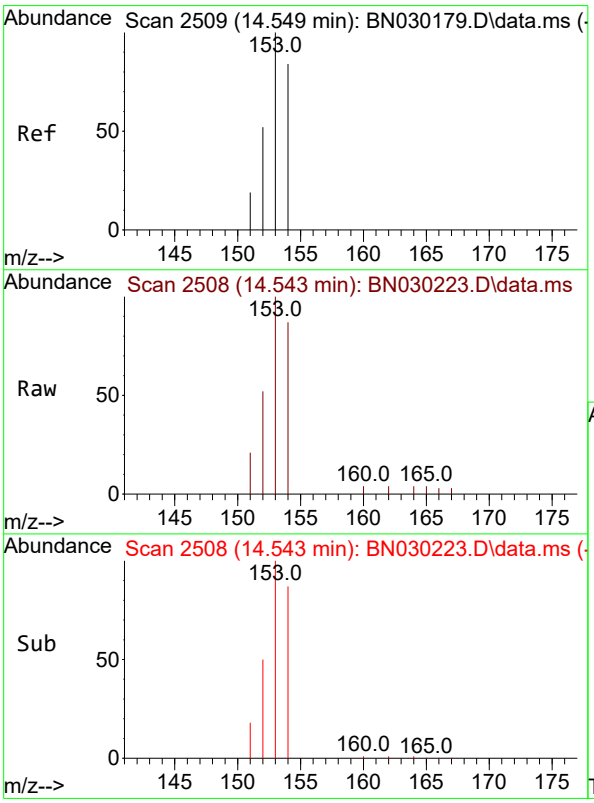
#10
Acenaphthylene
Concen: 0.447 ng/ul
RT: 14.201 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:152 Resp: 3996

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.9	25.3
153	14.4	11.8	17.6

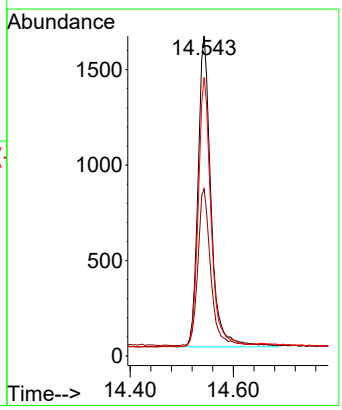


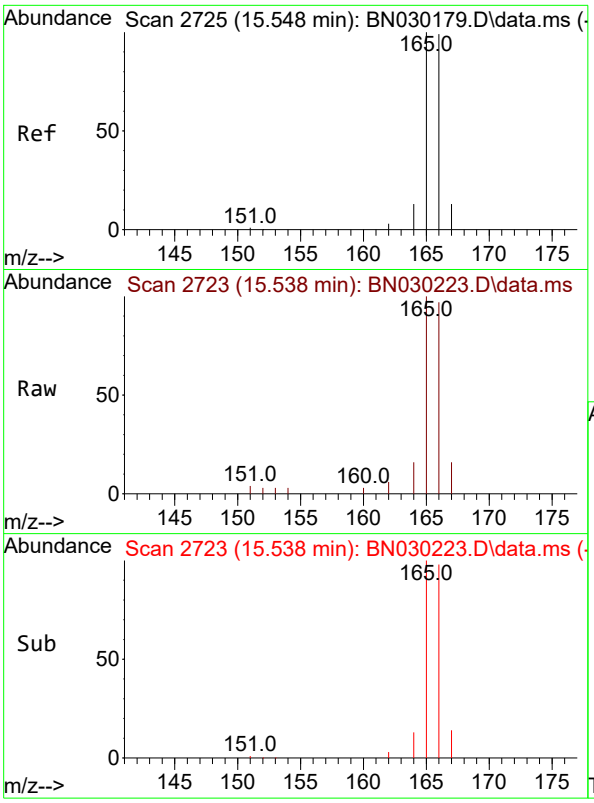


#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.543 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:153 Resp: 2846

Ion	Ratio	Lower	Upper
153	100		
152	52.3	43.2	64.8
154	87.1	67.5	101.3



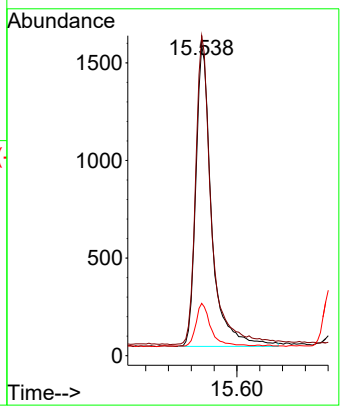


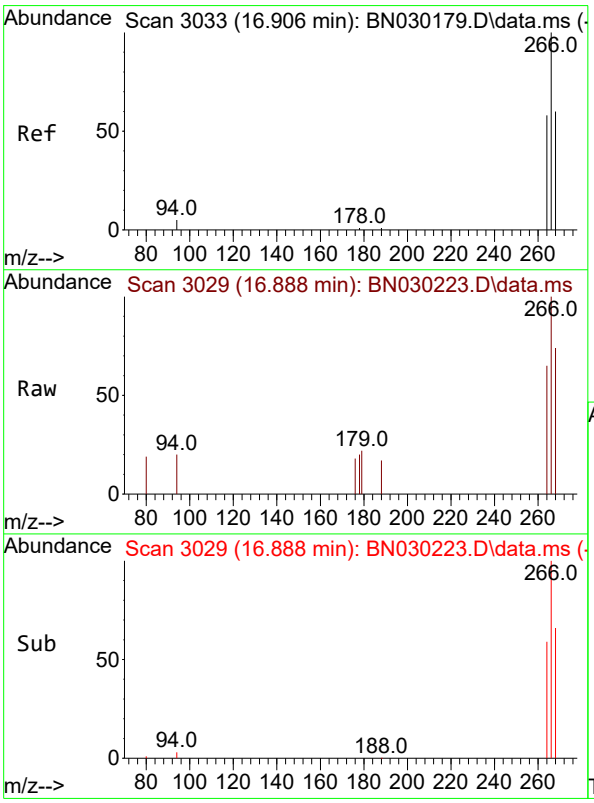
#12
Fluorene
Concen: 0.444 ng/ul
RT: 15.538 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:166 Resp: 2966

Ion	Ratio	Lower	Upper
166	100		
165	103.0	81.8	122.6
167	16.8	13.0	19.4

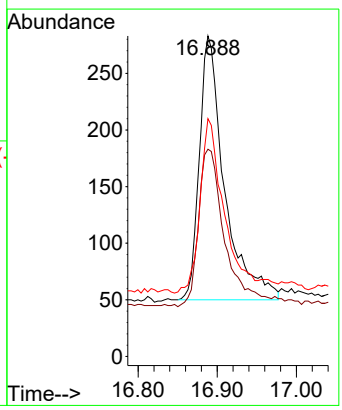


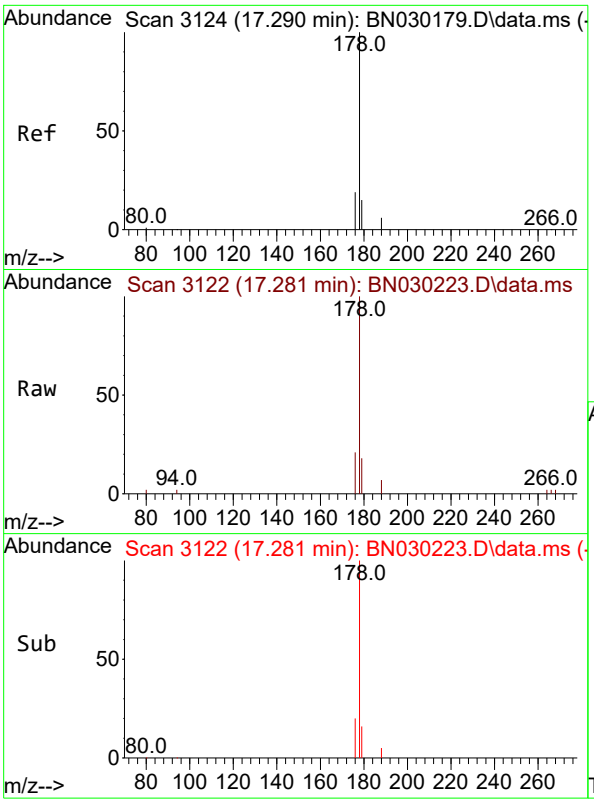


#14
Pentachlorophenol
Concen: 0.567 ng/ul
RT: 16.888 min Scan# 3029
Delta R.T. -0.018 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:266 Resp: 514

Ion	Ratio	Lower	Upper
266	100		
264	63.2	49.8	74.8
268	66.0	53.4	80.2



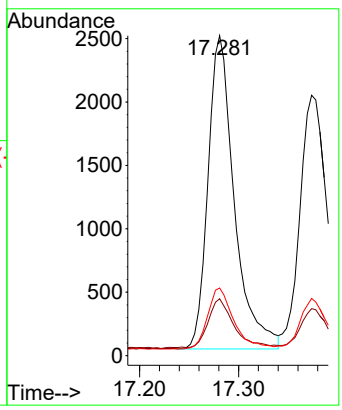


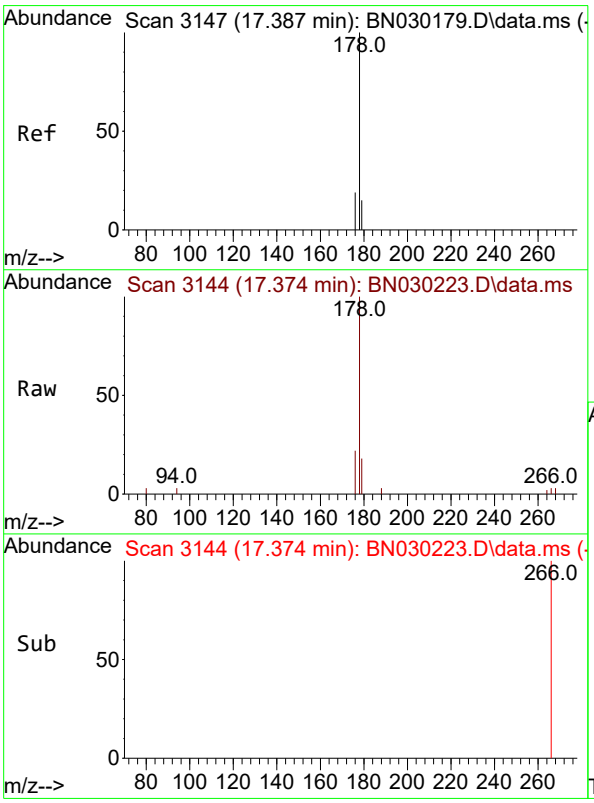
#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 17.281 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:178 Resp: 4567

Ion	Ratio	Lower	Upper
178	100		
179	17.8	13.8	20.8
176	21.2	16.6	25.0

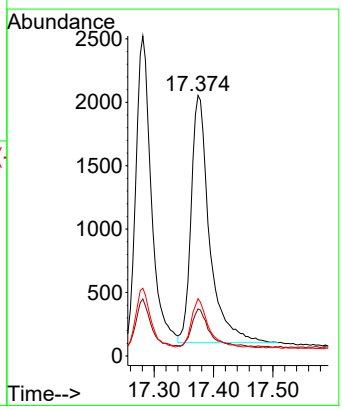


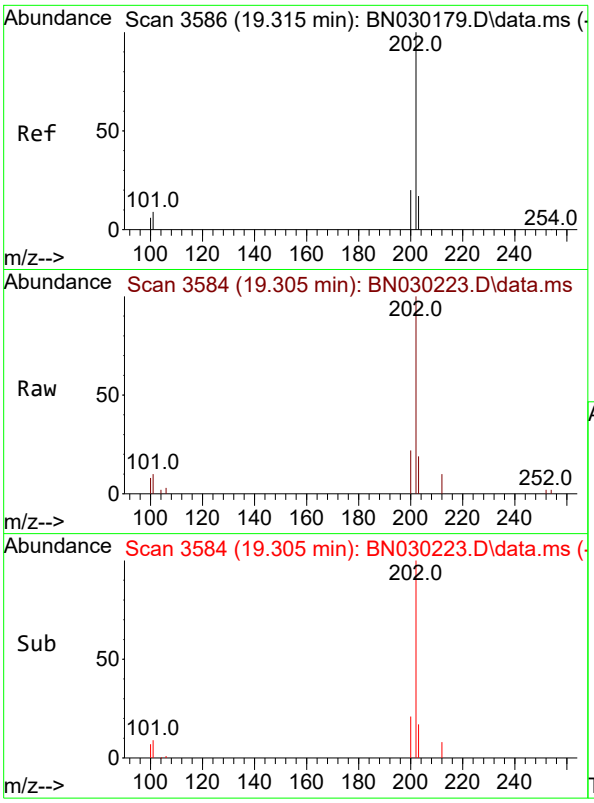


#16
Anthracene
Concen: 0.446 ng/ul
RT: 17.374 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:178 Resp: 4184

Ion	Ratio	Lower	Upper
178	100		
179	18.1	14.8	22.2
176	22.0	17.8	26.6



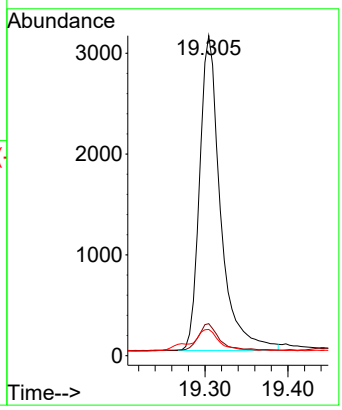


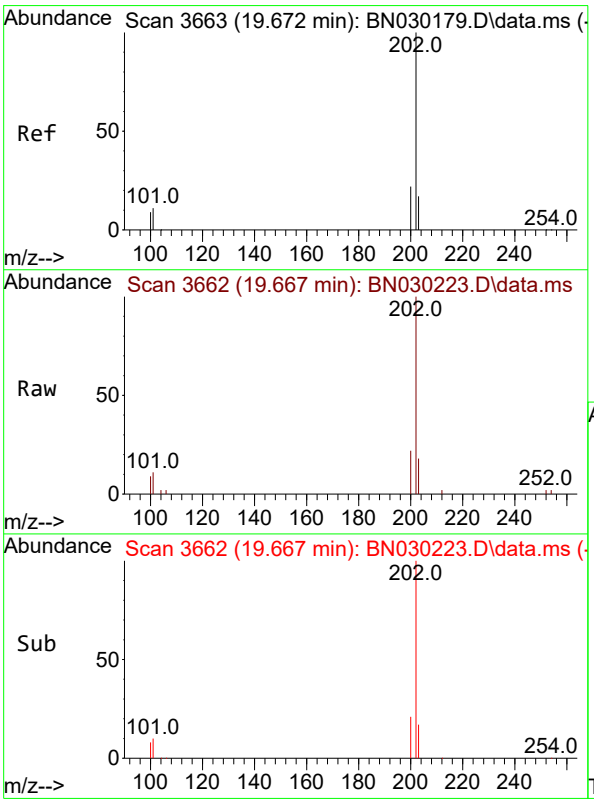
#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.305 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:202 Resp: 5480

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.8	13.2
100	8.2	7.4	11.2

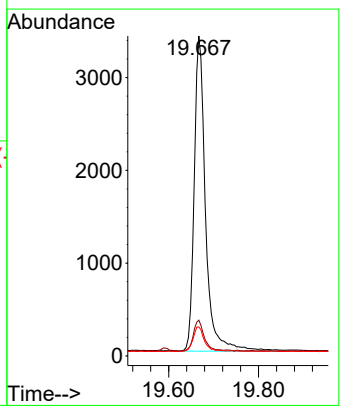


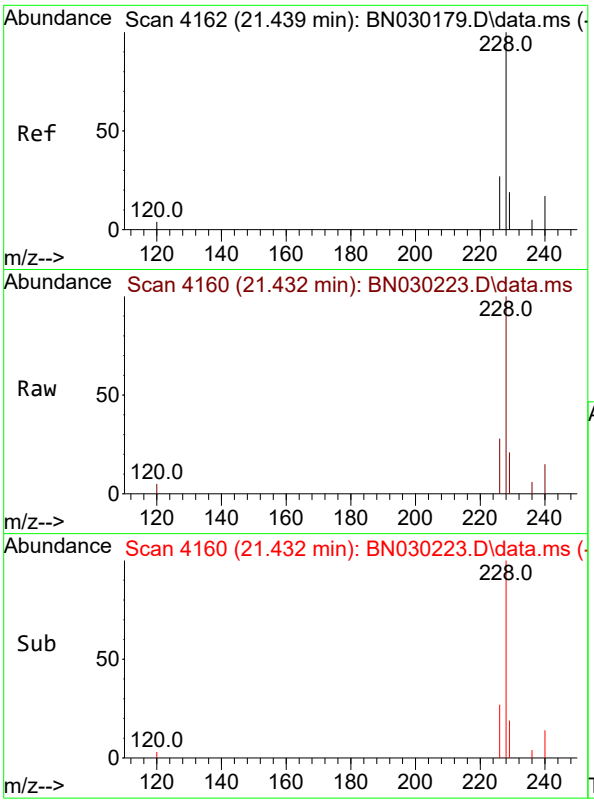


#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.667 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:202 Resp: 5952

Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.6	15.8
100	9.0	8.8	13.2



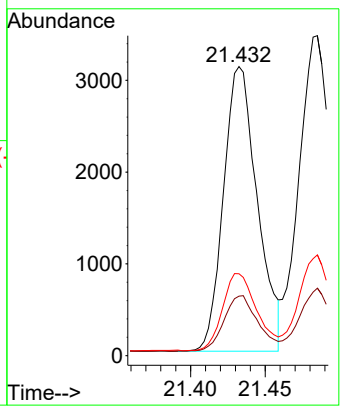


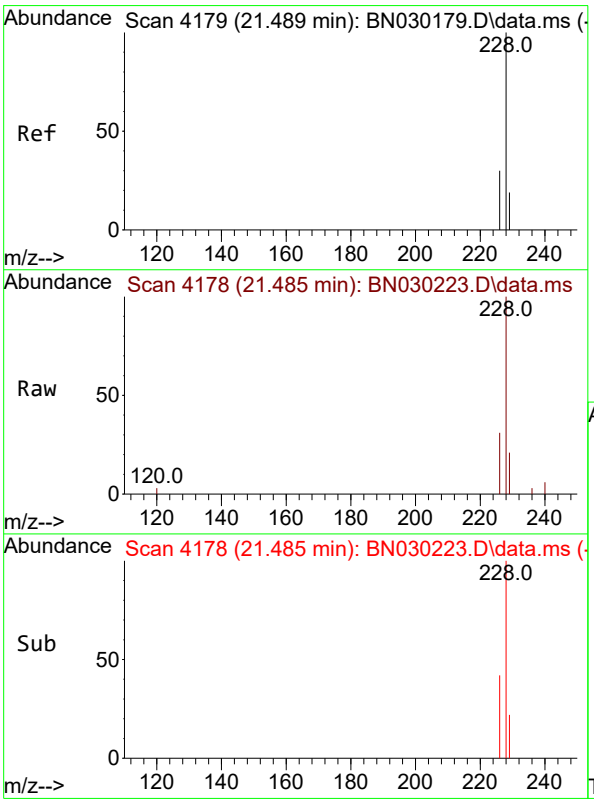
#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.432 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:228 Resp: 4893

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.6	24.8
226	28.3	23.7	35.5

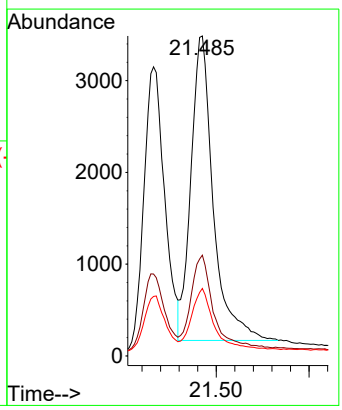


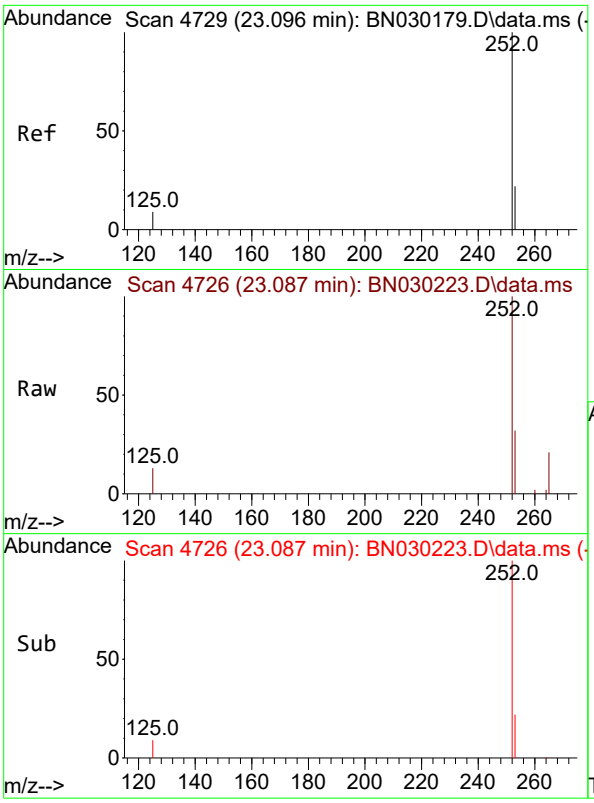


#22
Chrysene
Concen: 0.433 ng/ul
RT: 21.485 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:228 Resp: 5554

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	21.1	16.6	24.8



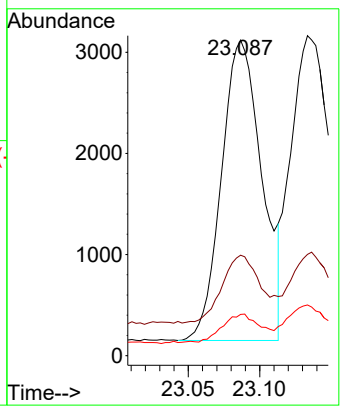


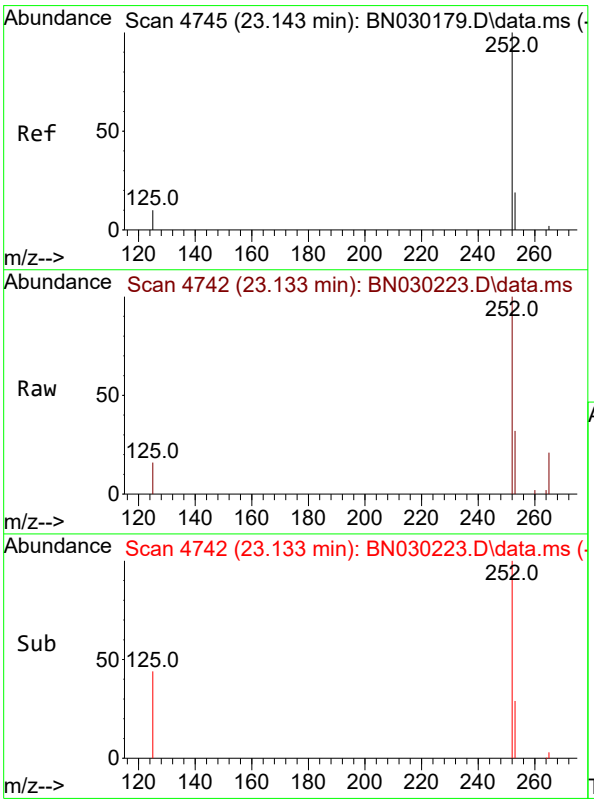
#24
Benzo(b)fluoranthene
Concen: 0.423 ng/ul
RT: 23.087 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:252 Resp: 5850

Ion	Ratio	Lower	Upper
252	100		
253	31.8	0.0	69.4
125	13.1	0.0	32.8

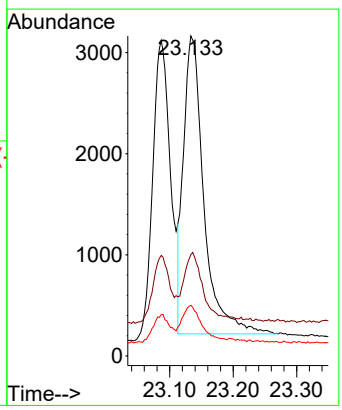


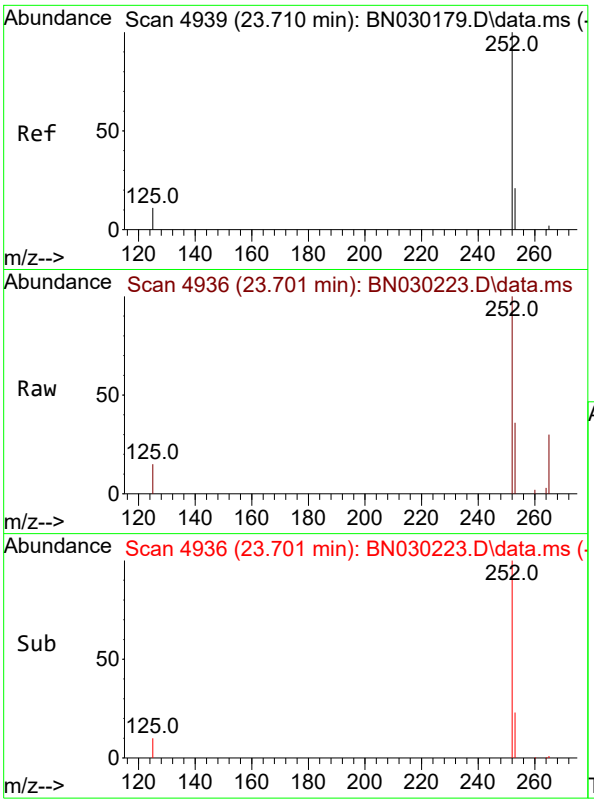


#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 23.133 min Scan# 4742
Delta R.T. -0.010 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:252 Resp: 6593

Ion	Ratio	Lower	Upper
252	100		
253	31.7	28.0	42.0
125	15.9	14.4	21.6



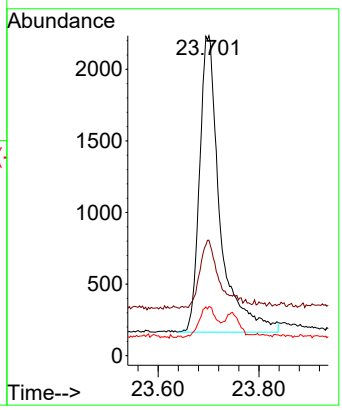


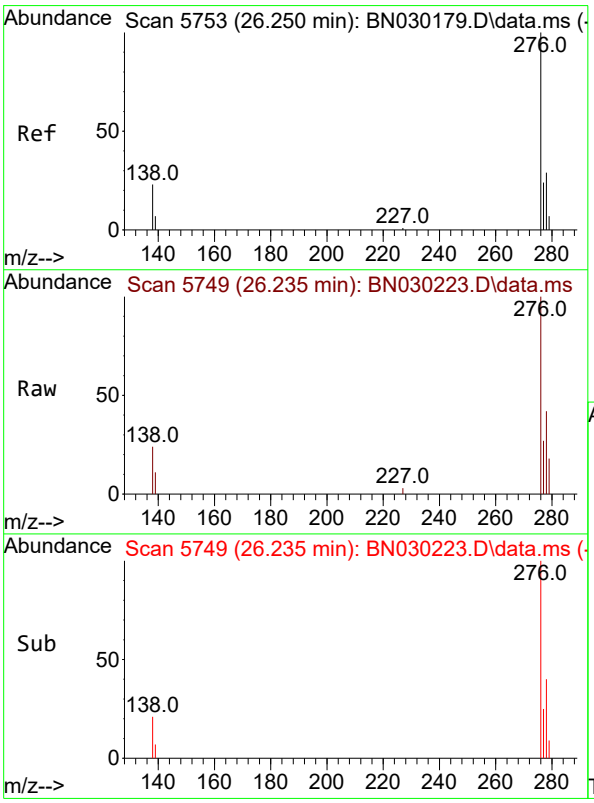
#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.701 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:252 Resp: 5821

Ion	Ratio	Lower	Upper
252	100		
253	36.1	33.0	49.4
125	15.3	16.9	25.3#

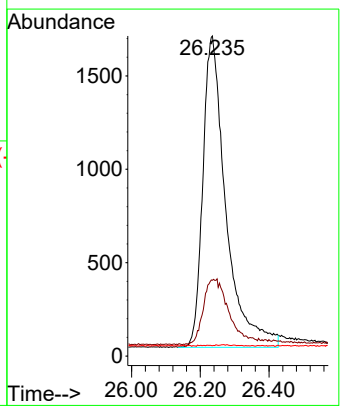


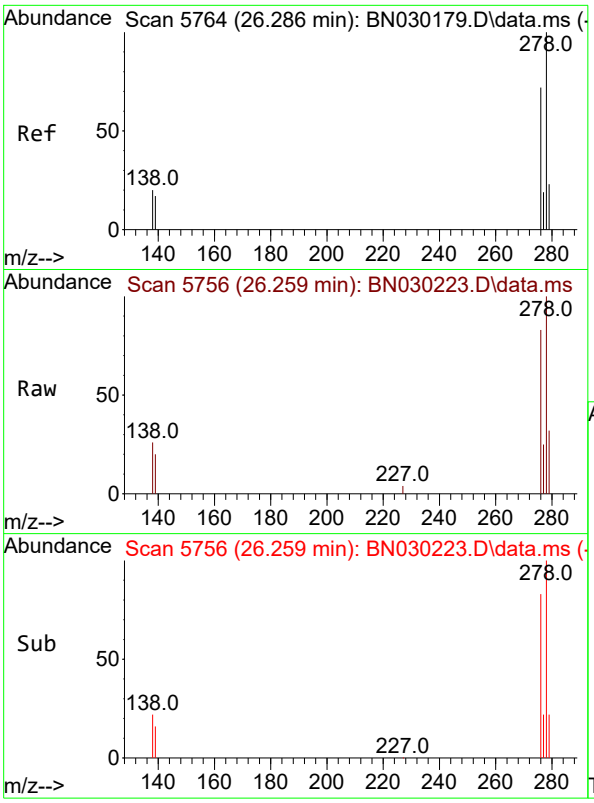


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.431 ng/ul
RT: 26.235 min Scan# 5749
Delta R.T. -0.014 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:276 Resp: 7754

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.9	31.3
227	0.1	0.1	0.1#



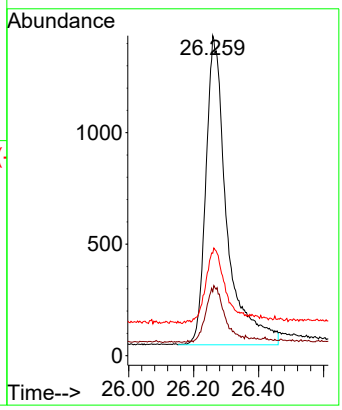


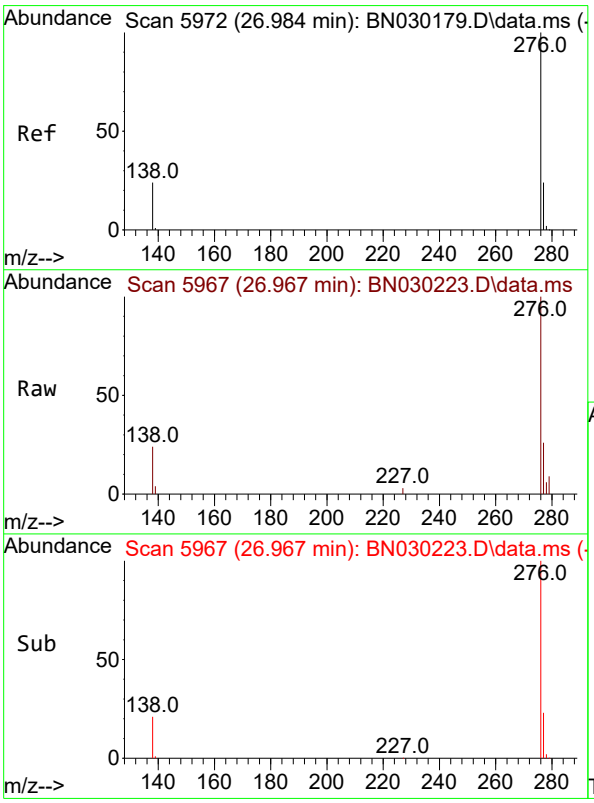
#28
Dibenzo(a,h)anthracene
Concen: 0.445 ng/ul
RT: 26.259 min Scan# 5
Delta R.T. -0.028 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Instrument :
BNA_N
ClientSampleId :
SSTD0.4354

Tgt Ion:278 Resp: 6192

Ion	Ratio	Lower	Upper
278	100		
139	20.0	18.9	28.3
279	32.0	31.8	47.6





#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.967 min Scan# 5967
Delta R.T. -0.018 min
Lab File: BN030223.D
Acq: 03 Mar 2024 18:11

Tgt Ion:276 Resp: 6896

Ion	Ratio	Lower	Upper
276	100		
138	23.9	22.6	33.8
277	25.7	21.9	32.9