Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
Data File : BN024994.D
Acq On : 19 Apr 2023 10:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Quant Time: Apr 20 04:19:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 18:38:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	9412	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	29121	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	15730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	33023	0.400	ng/ul	0.00
17) Chrysene-d12	21.520	240	24670	0.400	ng/ul	0.00
23) Perylene-d12	23.970	264	19177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4343	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	16213	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	31825	0.519	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.343	88	4794	0.423	ng/ul	96
5) Naphthalene	10.792	128	32058	0.432	ng/ul	100
7) 2-Methylnaphthalene	12.403	142	19888	0.431	ng/ul	100
8) 1-Methylnaphthalene	12.623	142	21026	0.430	ng/ul	99
10) Acenaphthylene	14.297	152	25268	0.428	ng/ul	100
11) Acenaphthene	14.639	153	22092	0.437	ng/ul	98
12) Fluorene	15.625	166	24347	0.430	ng/ul	98
14) Pentachlorophenol	16.975	266	2616	0.371	ng/ul	99
15) Phenanthrene	17.364	178	39906	0.429	ng/ul	99
16) Anthracene	17.456	178	32151	0.416	ng/ul	99
19) Fluoranthene	19.387	202	44083	0.519	ng/ul	97
20) Pyrene	19.749	202	44368	0.510	ng/ul	96
21) Benzo(a)anthracene	21.505	228	33845	0.434	ng/ul	100
22) Chrysene	21.558	228	37829	0.449	ng/ul	100
24) Benzo(b)fluoranthene	23.218	252	33901	0.441	ng/ul	99
25) Benzo(k)fluoranthene	23.268	252	32956	0.439	ng/ul	99
26) Benzo(a)pyrene	23.864	252	26164	0.410	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.521	276	31160	0.414	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.544	278	24218	0.410	ng/ul	99
29) Benzo(g,h,i)perylene	27.299	276	27731	0.436	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041923\
Data File : BN024994.D
Acq On : 19 Apr 2023 10:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
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Instrument :
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ClientSampleId :
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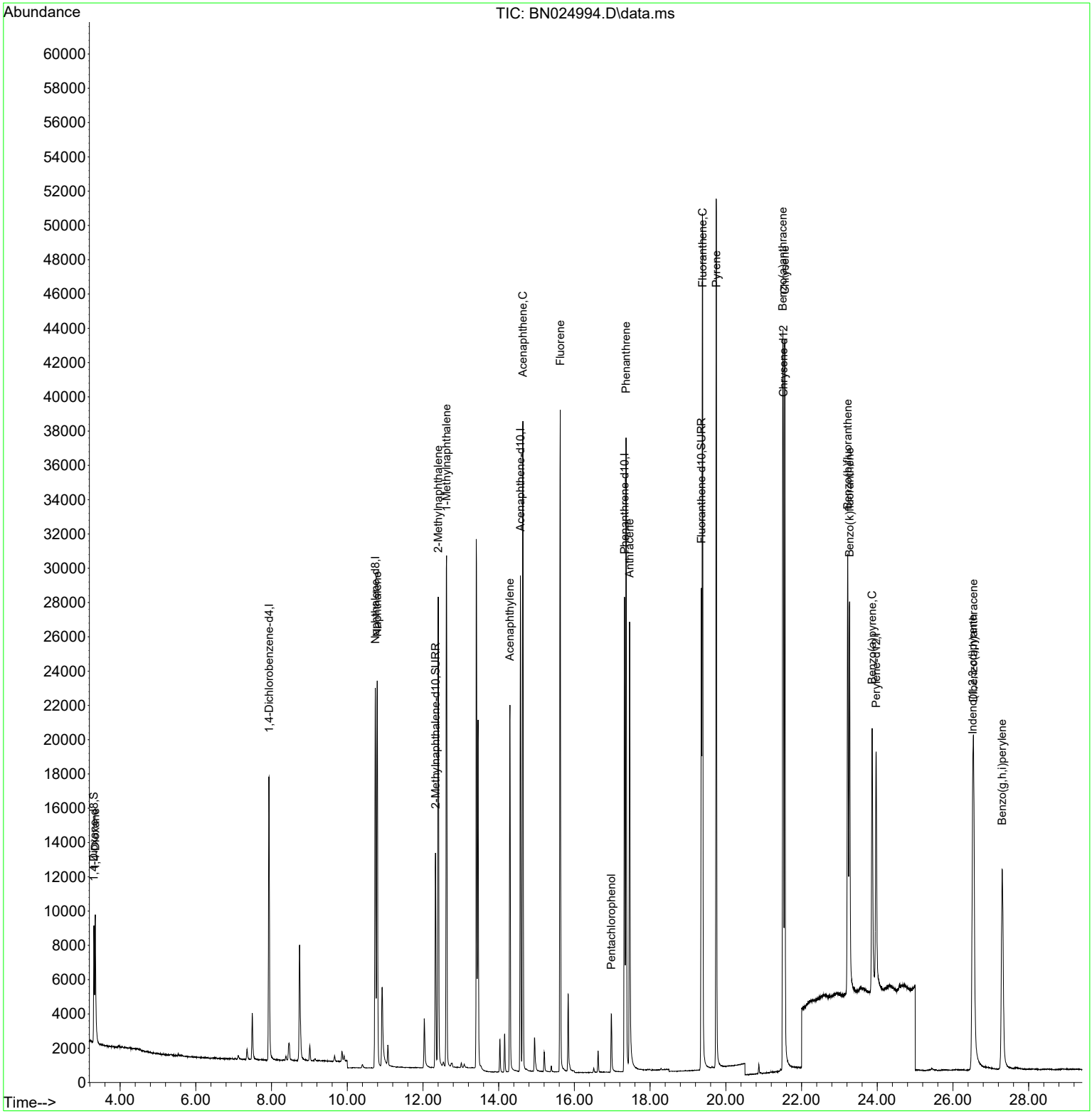
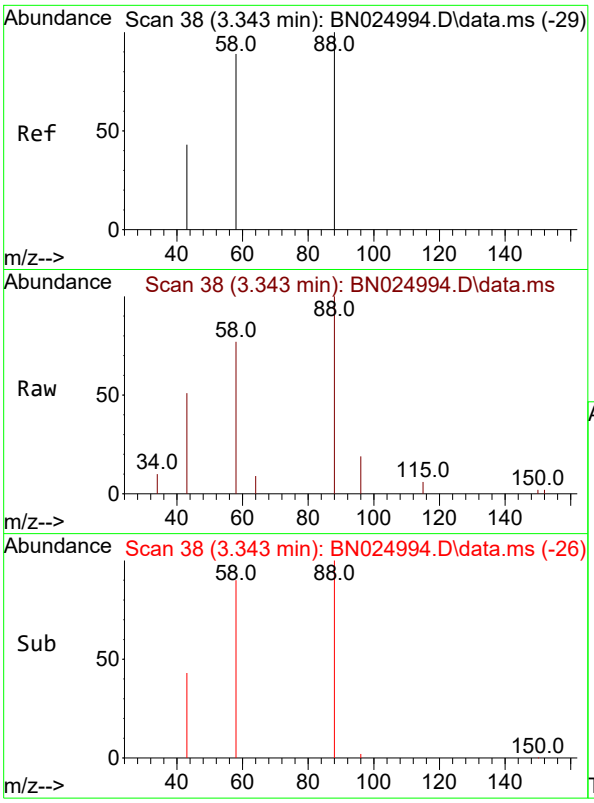
Quant Time: Apr 20 04:19:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN040723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 18:38:47 2023
Response via : Initial Calibration



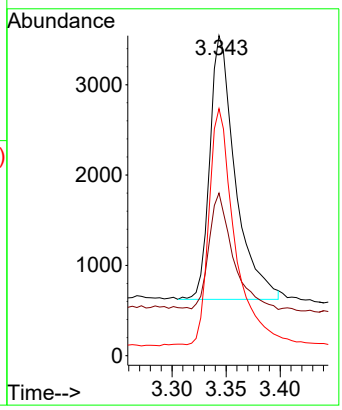


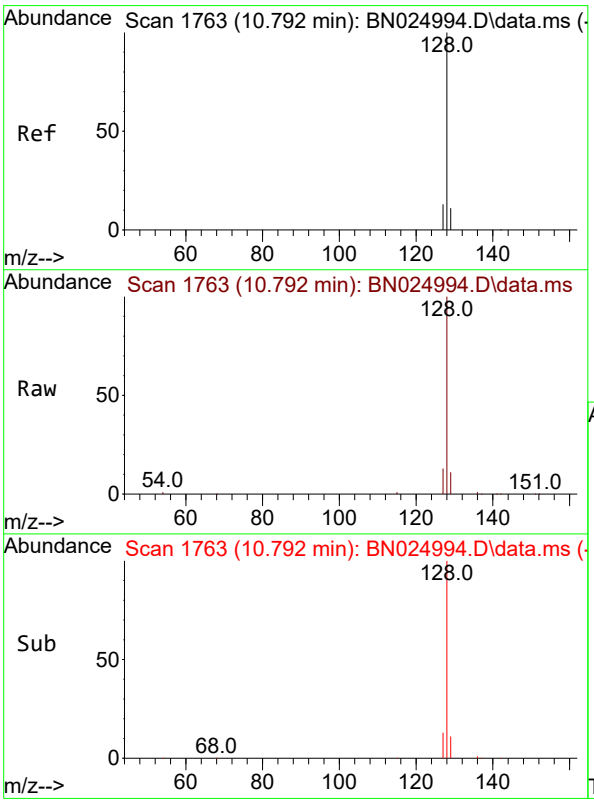
#2
1,4-Dioxane
Concen: 0.423 ng/ul
RT: 3.343 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion: 88 Resp: 4794

Ion	Ratio	Lower	Upper
88	100		
43	50.8	39.1	58.7
58	77.2	65.7	98.5

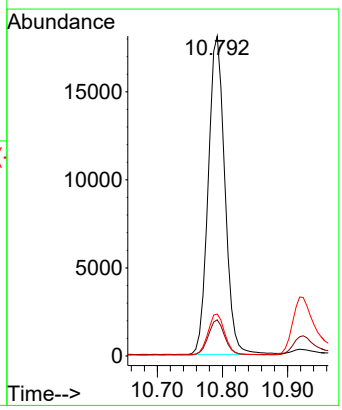


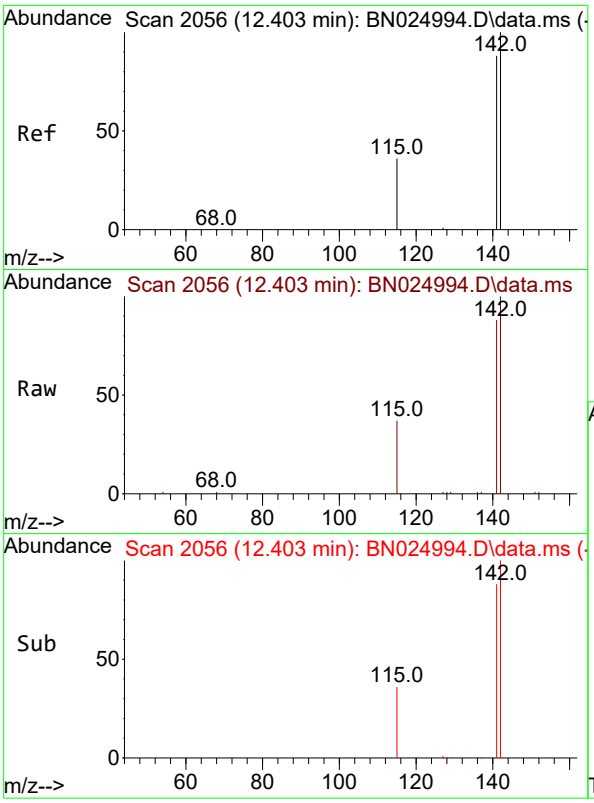


#5
Naphthalene
Concen: 0.432 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:128 Resp: 32058

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.1	10.5	15.7



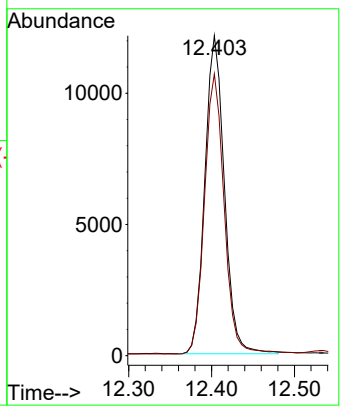


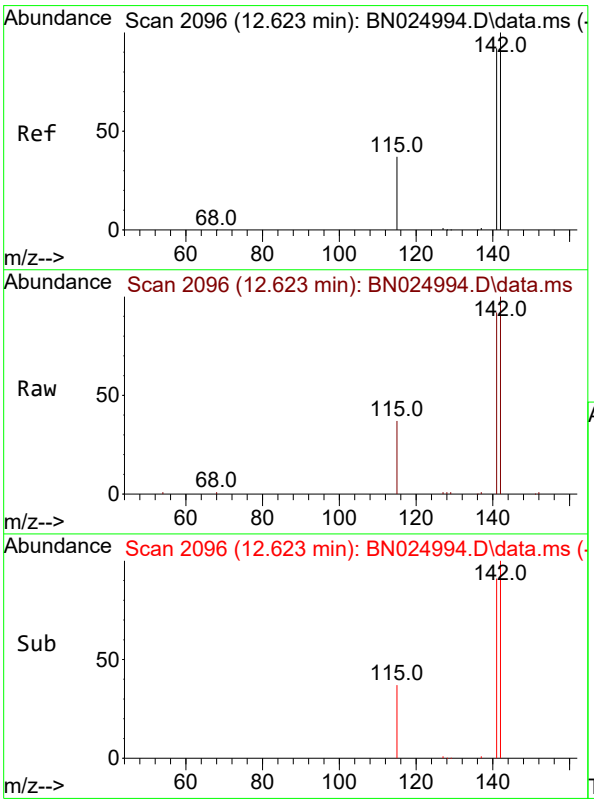
#7
2-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.403 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:142 Resp: 19888

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.7	106.1

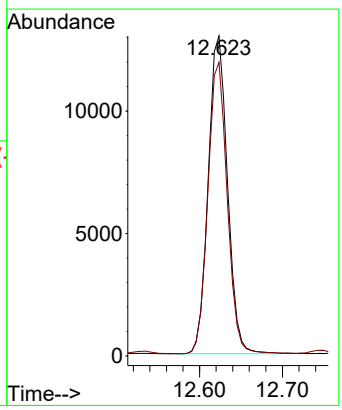


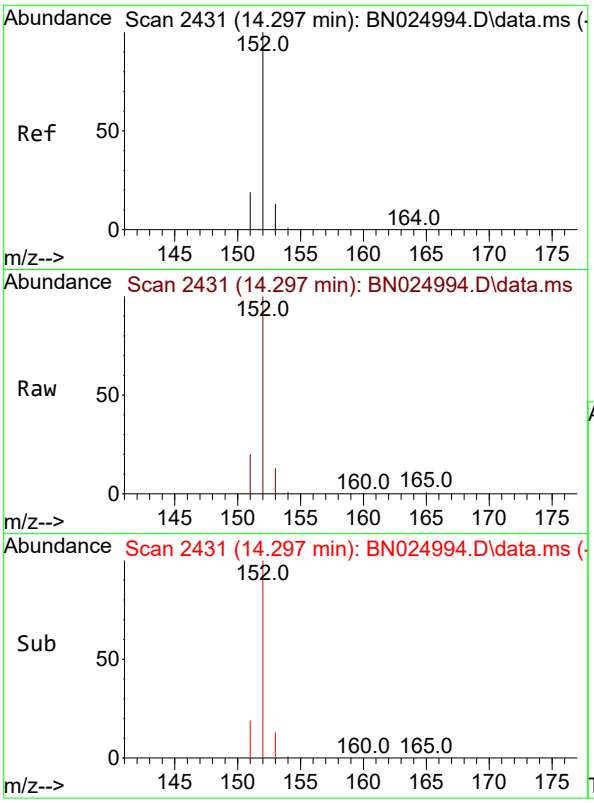


#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:142 Resp: 21026

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.0	111.0



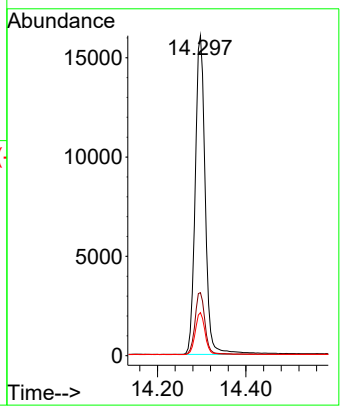


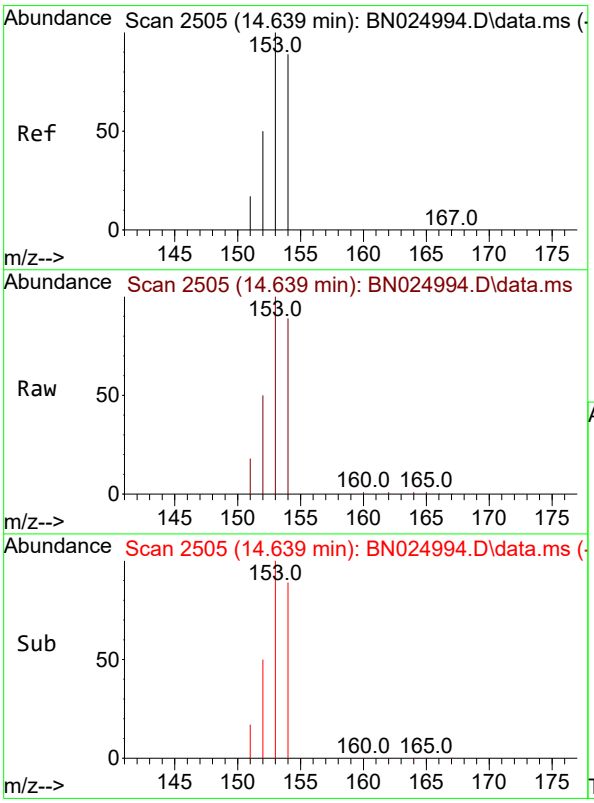
#10
Acenaphthylene
Concen: 0.428 ng/ul
RT: 14.297 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:152 Resp: 25268

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.5	10.6	16.0

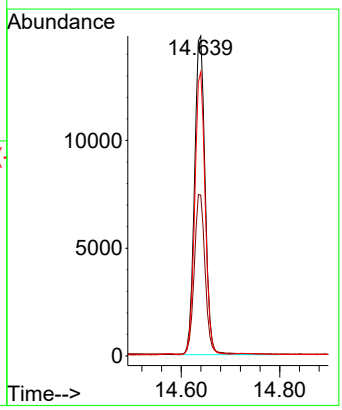


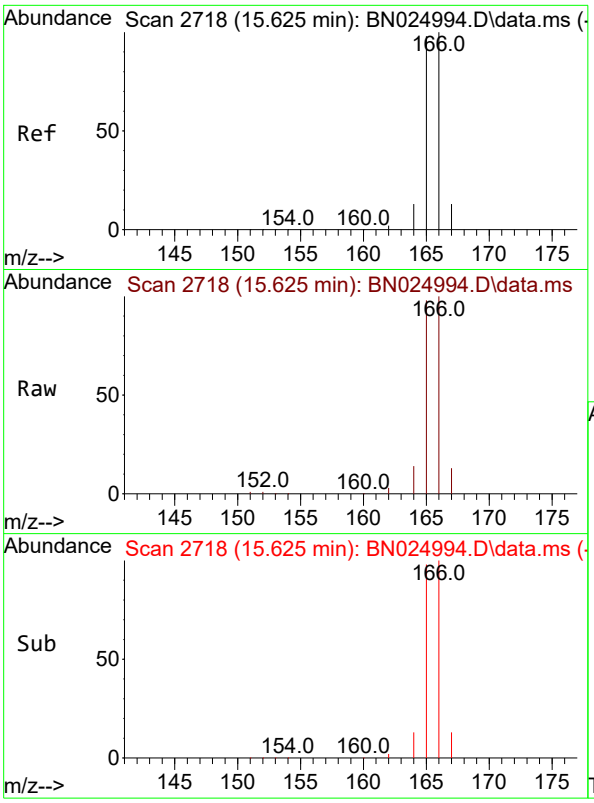


#11
Acenaphthene
Concen: 0.437 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:153 Resp: 22092

Ion	Ratio	Lower	Upper
153	100		
152	50.3	40.7	61.1
154	88.8	69.4	104.2



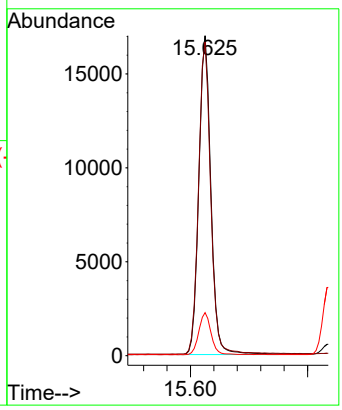


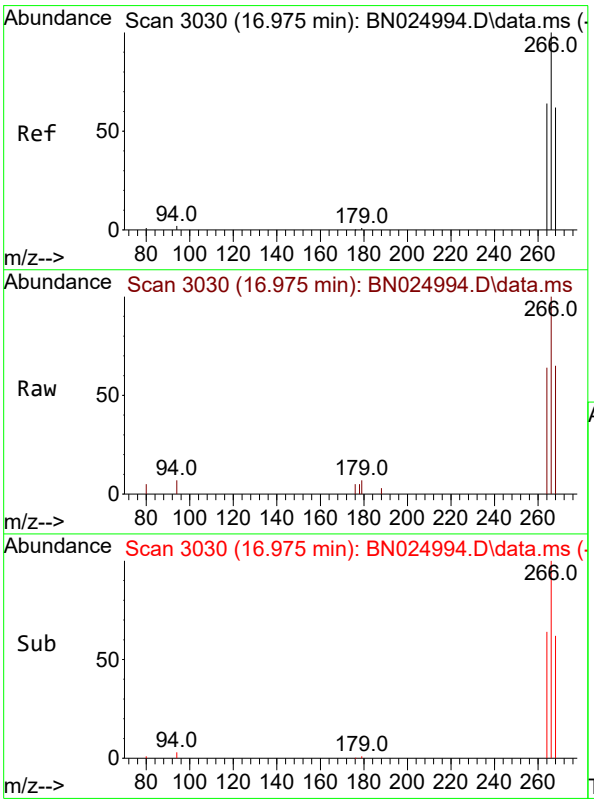
#12
Fluorene
Concen: 0.430 ng/ul
RT: 15.625 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:166 Resp: 24347

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.1	120.1
167	13.4	10.7	16.1

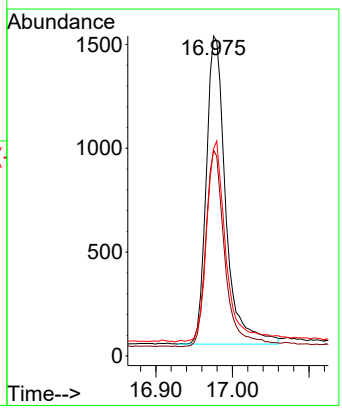


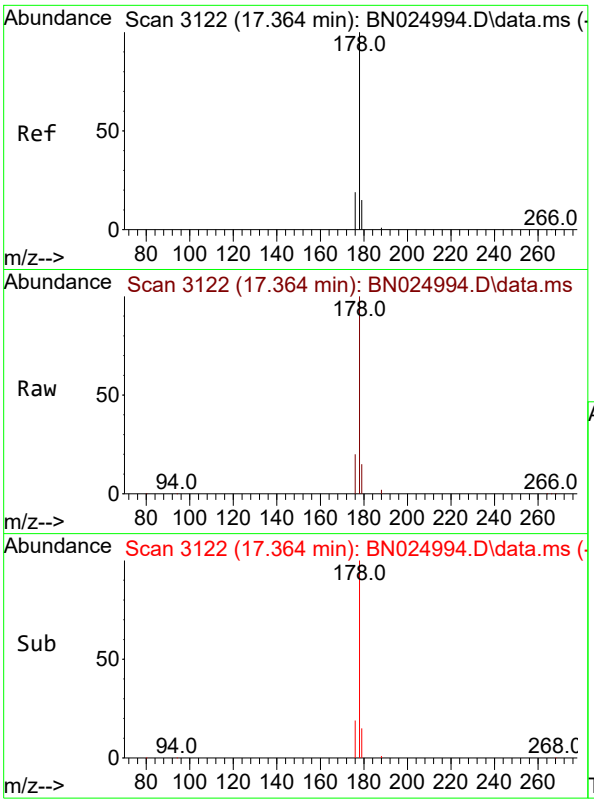


#14
Pentachlorophenol
Concen: 0.371 ng/ul
RT: 16.975 min Scan# 3030
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:266 Resp: 2616

Ion	Ratio	Lower	Upper
266	100		
264	62.4	51.2	76.8
268	64.0	51.4	77.2



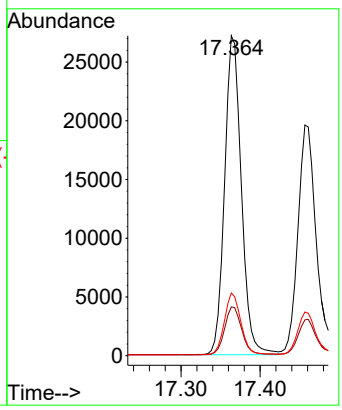


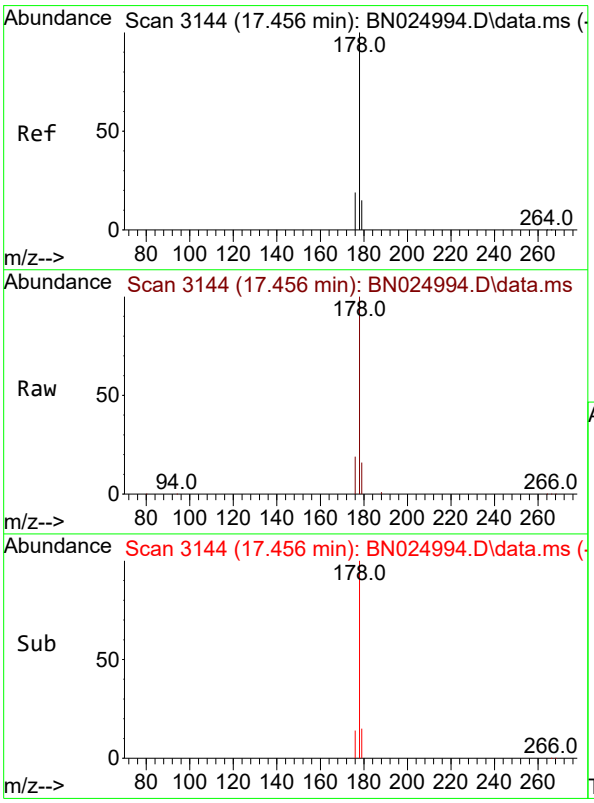
#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.364 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:178 Resp: 39906

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.6	15.4	23.0

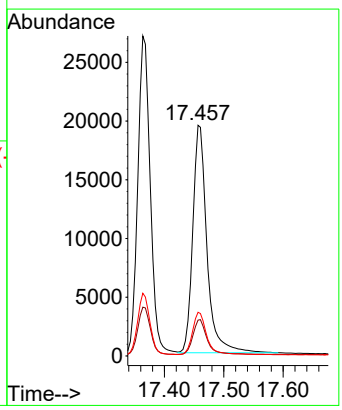


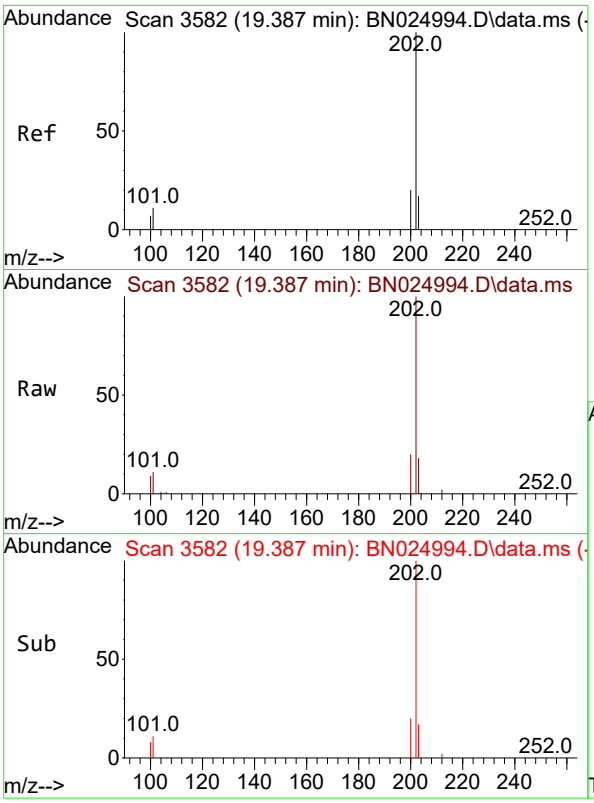


#16
Anthracene
Concen: 0.416 ng/ul
RT: 17.456 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:178 Resp: 32151

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.0	14.7	22.1



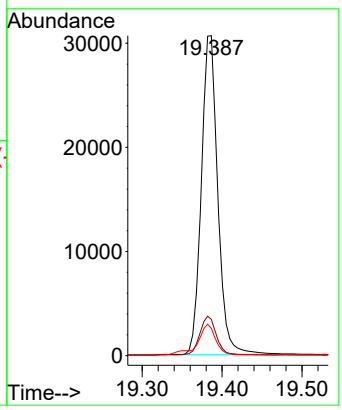


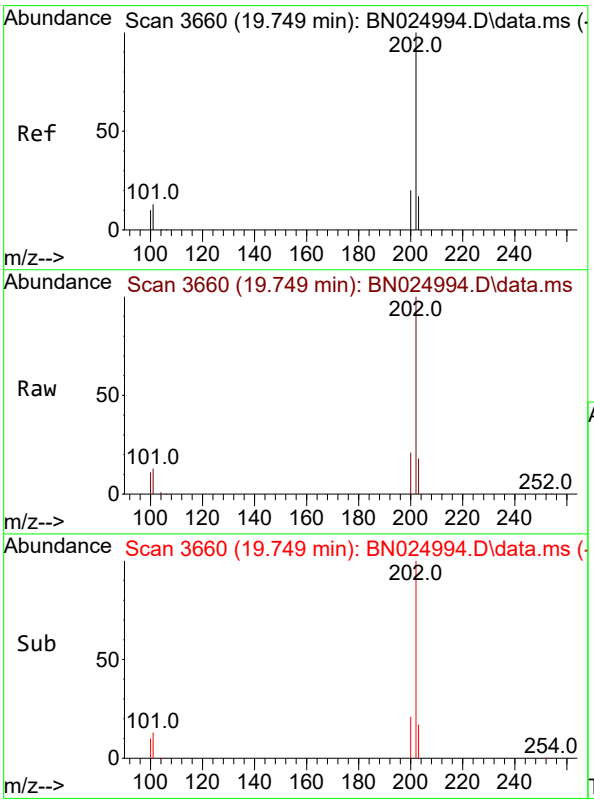
#19
Fluoranthene
Concen: 0.519 ng/ul
RT: 19.387 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:202 Resp: 44083

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.0	15.0
100	8.5	7.5	11.3

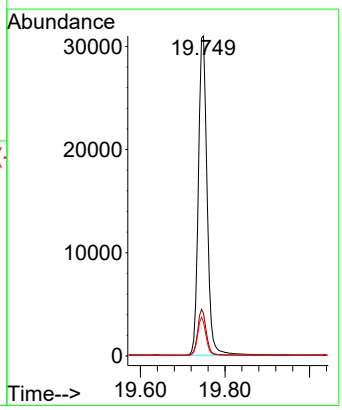


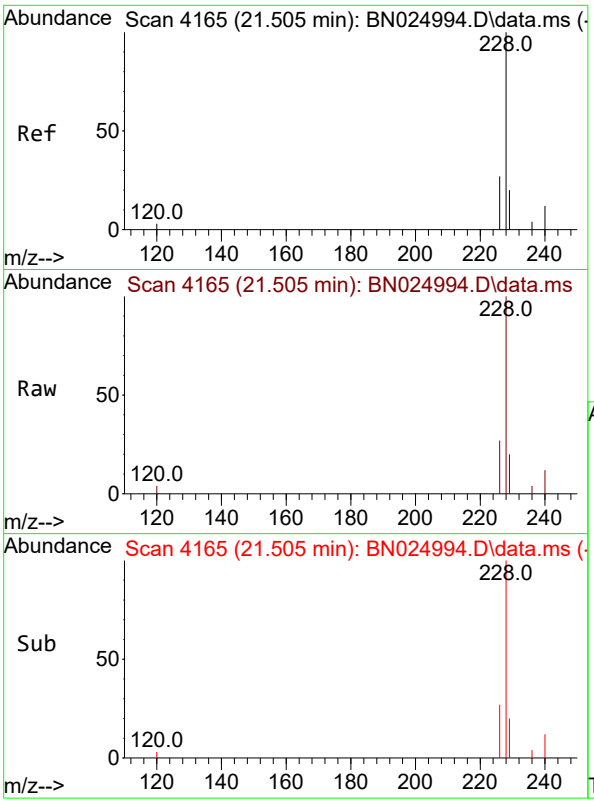


#20
Pyrene
Concen: 0.510 ng/ul
RT: 19.749 min Scan# 3660
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:202 Resp: 44368

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.8	17.8
100	10.6	9.5	14.3



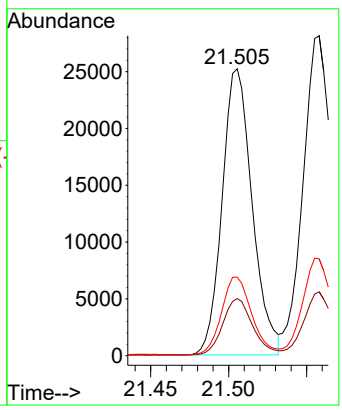


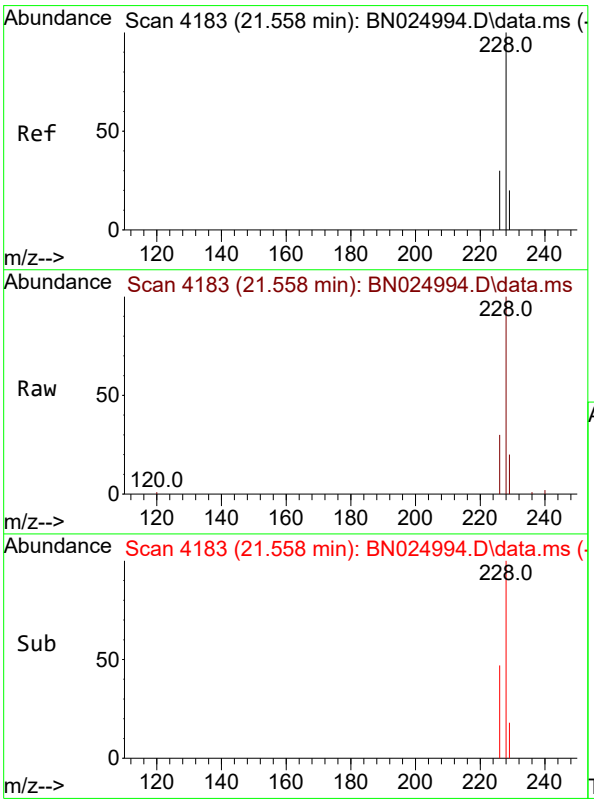
#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.505 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:228 Resp: 33845

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	27.4	22.2	33.2

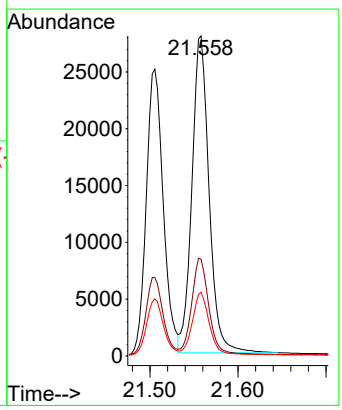


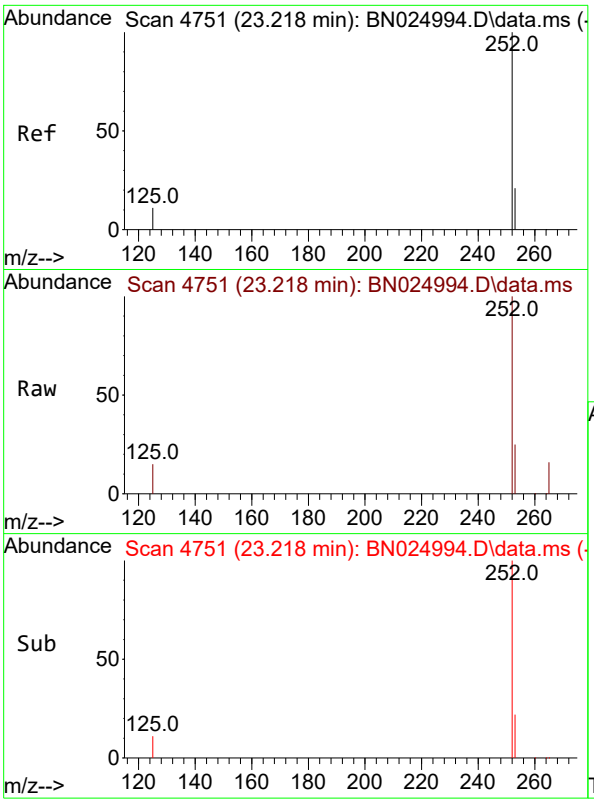


#22
Chrysene
Concen: 0.449 ng/ul
RT: 21.558 min Scan# 4183
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:228 Resp: 37829

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.9	15.7	23.5



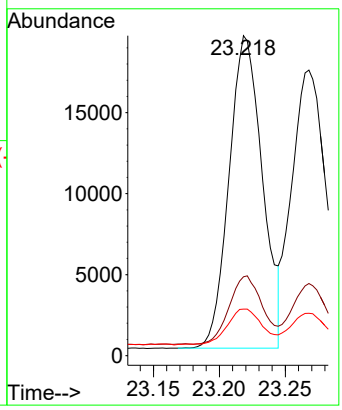


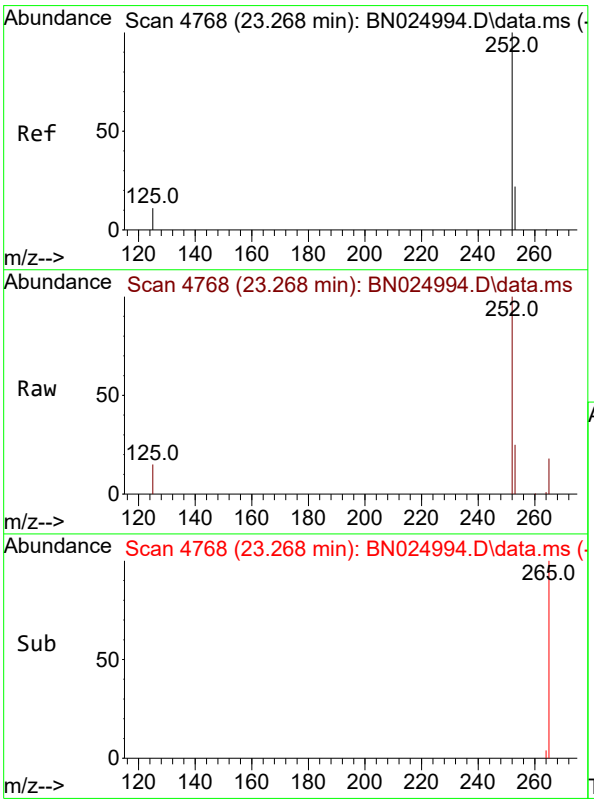
#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 23.218 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:252 Resp: 33901

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	49.4
125	14.6	0.0	31.2

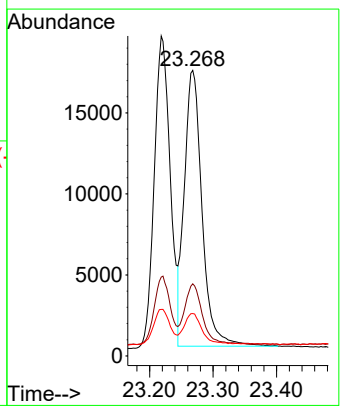


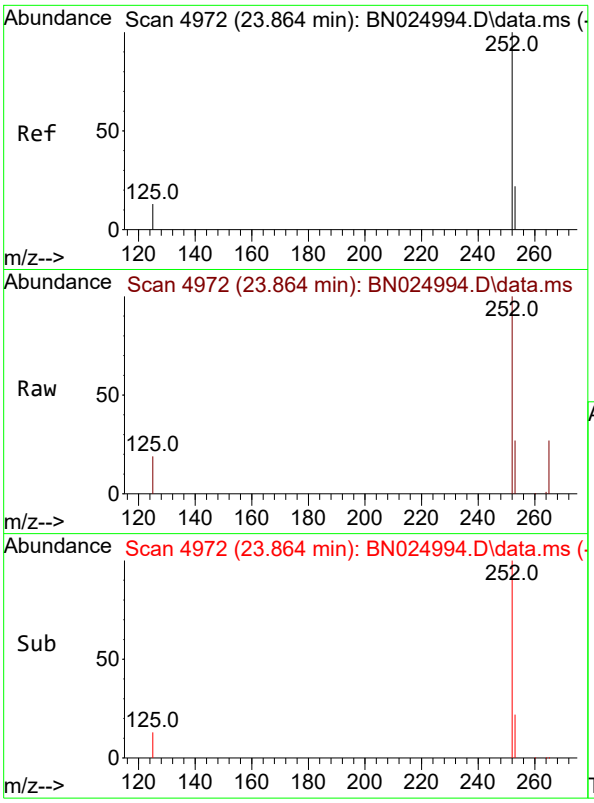


#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.268 min Scan# 4768
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:252 Resp: 32956

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.1	30.1
125	14.8	12.2	18.2



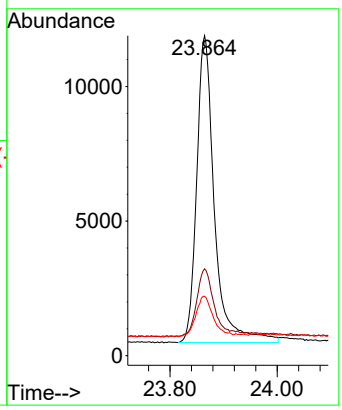


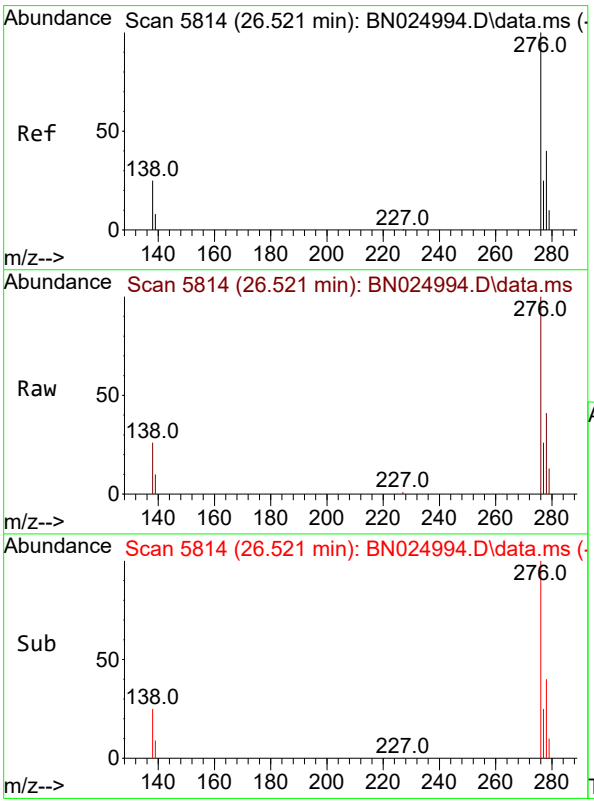
#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.864 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:252 Resp: 26164

Ion	Ratio	Lower	Upper
252	100		
253	27.2	20.7	31.1
125	18.6	15.9	23.9

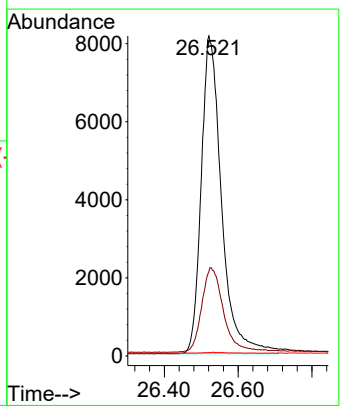


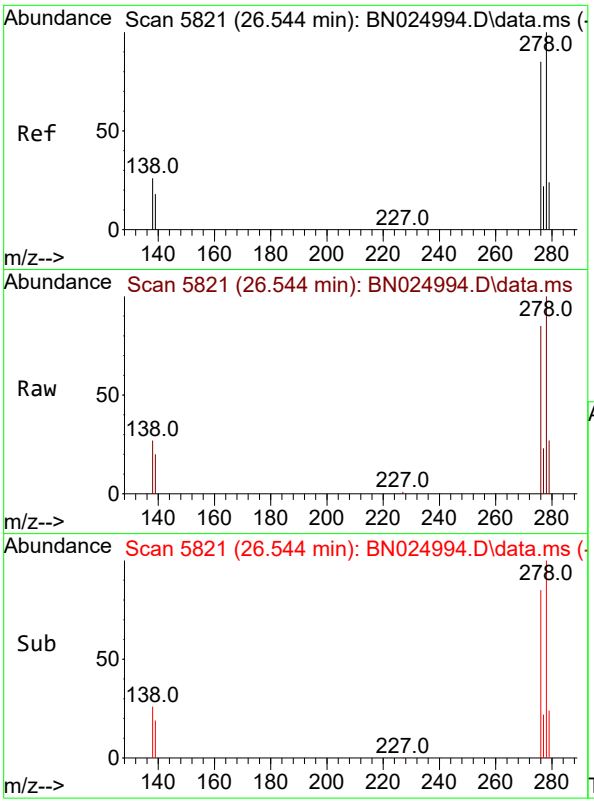


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 26.521 min Scan# 5814
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:276 Resp: 31160

Ion	Ratio	Lower	Upper
276	100		
138	28.9	24.2	36.2
227	0.1	0.0	0.0#



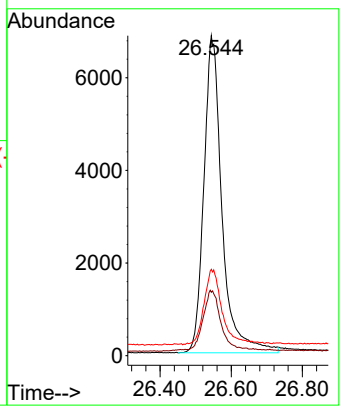


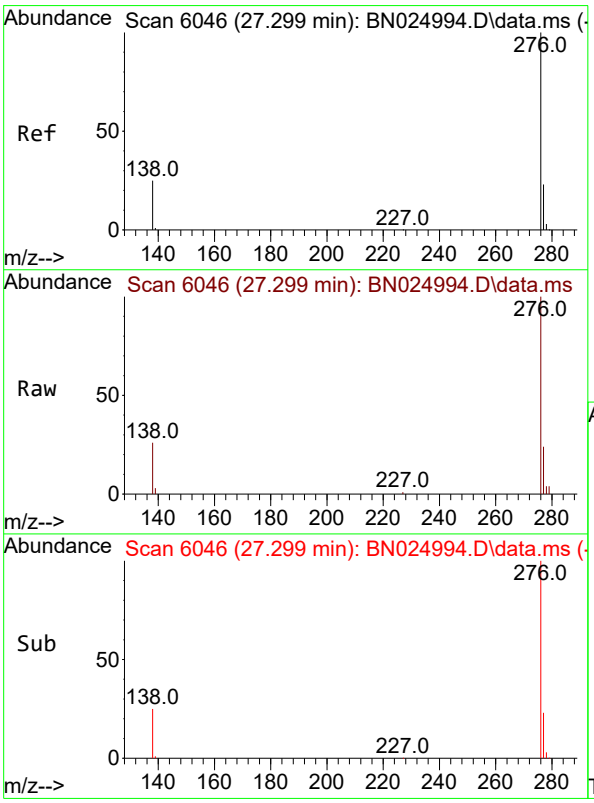
#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.544 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Instrument :
BNA_N
ClientSampleId :
SSTD0.4270

Tgt Ion:278 Resp: 24218

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.4	24.6
279	27.0	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 27.299 min Scan# 6046
Delta R.T. 0.000 min
Lab File: BN024994.D
Acq: 19 Apr 2023 10:19

Tgt Ion:276 Resp: 27731

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.0	31.4
277	24.4	19.7	29.5