Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034915.D
Acq On : 08 Nov 2024 21:52
Operator : RC/JU
Sample : SSTD0.433
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Quant Time: Nov 08 23:56:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 23:54:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1555	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	3806	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	2878	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	7501	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	7914	0.400	ng/ul	0.00
23) Perylene-d12	23.311	264	8238	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	609	0.378	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.934	152	2324	0.487	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	8148	0.316	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	652	0.369	ng/ul	100
5) Naphthalene	10.388	128	3793	0.376	ng/ul	100
7) 2-Methylnaphthalene	12.011	142	2799	0.427	ng/ul	100
8) 1-Methylnaphthalene	12.231	142	2800	0.420	ng/ul	100
10) Acenaphthylene	13.926	152	4653	0.355	ng/ul	100
11) Acenaphthene	14.273	153	3521	0.351	ng/ul	100
12) Fluorene	15.263	166	4494	0.403	ng/ul	100
14) Pentachlorophenol	16.607	266	628	0.424	ng/ul	100
15) Phenanthrene	16.996	178	7937	0.350	ng/ul	100
16) Anthracene	17.084	178	7392	0.352	ng/ul	100
19) Fluoranthene	19.018	202	10520	0.274	ng/ul	100
20) Pyrene	19.381	202	10828	0.271	ng/ul	100
21) Benzo(a)anthracene	21.131	228	11261	0.356	ng/ul	100
22) Chrysene	21.183	228	11704	0.369	ng/ul	100
24) Benzo(b)fluoranthene	22.671	252	11571	0.345	ng/ul	100
25) Benzo(k)fluoranthene	22.711	252	11997	0.355	ng/ul	100
26) Benzo(a)pyrene	23.217	252	10305	0.357	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.470	276	12566	0.409	ng/ul	100
28) Dibenzo(a,h)anthracene	25.487	278	9799	0.422	ng/ul	100
29) Benzo(g,h,i)perylene	26.127	276	9675	0.401	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
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Acq On : 08 Nov 2024 21:52
Operator : RC/JU
Sample : SSTD0.433
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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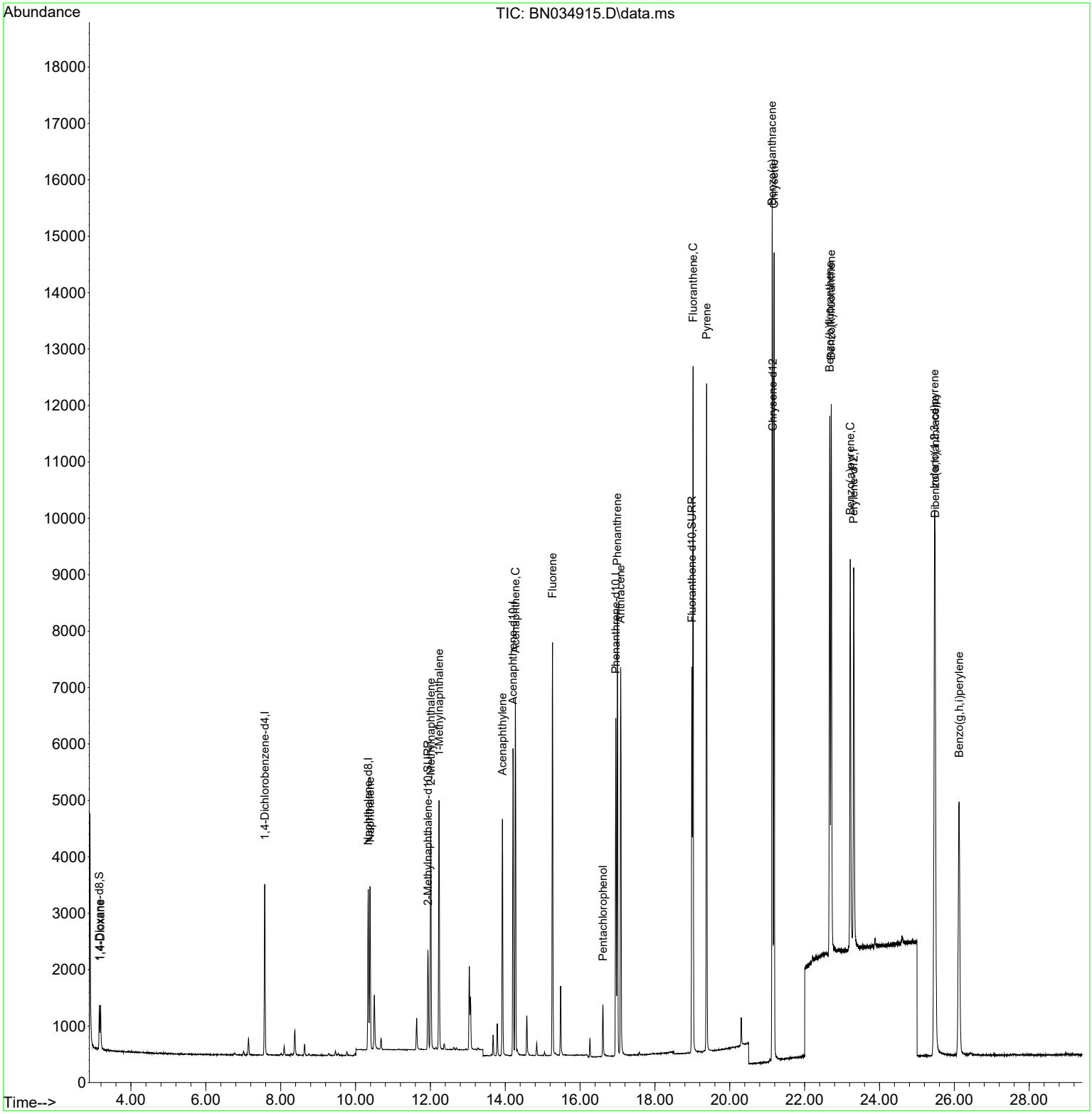
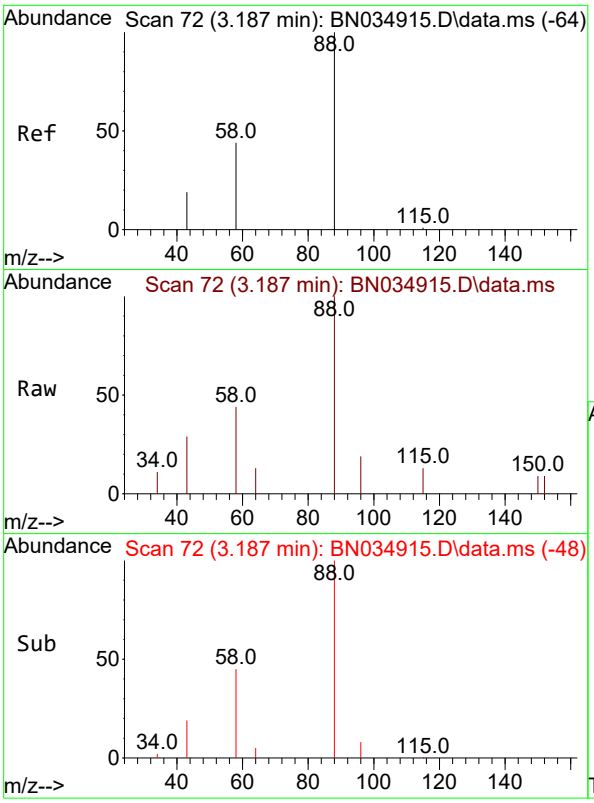
SSTD0.4218

Quant Time: Nov 08 23:56:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 23:54:11 2024
Response via : Initial Calibration



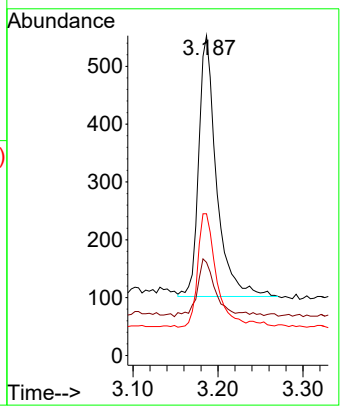


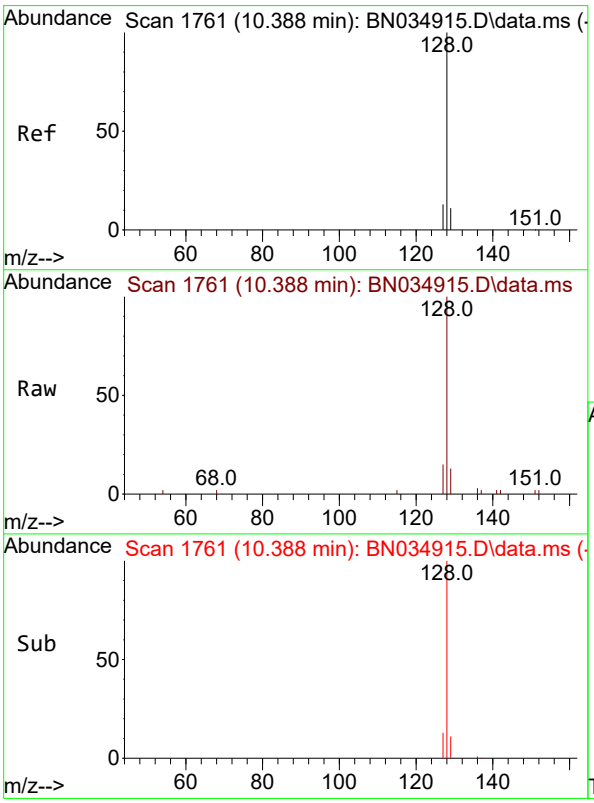
#2
1,4-Dioxane
Concen: 0.369 ng/ul
RT: 3.187 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion: 88 Resp: 652

Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.3	34.9
58	44.3	35.4	53.2

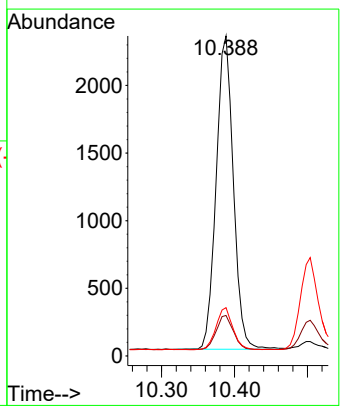


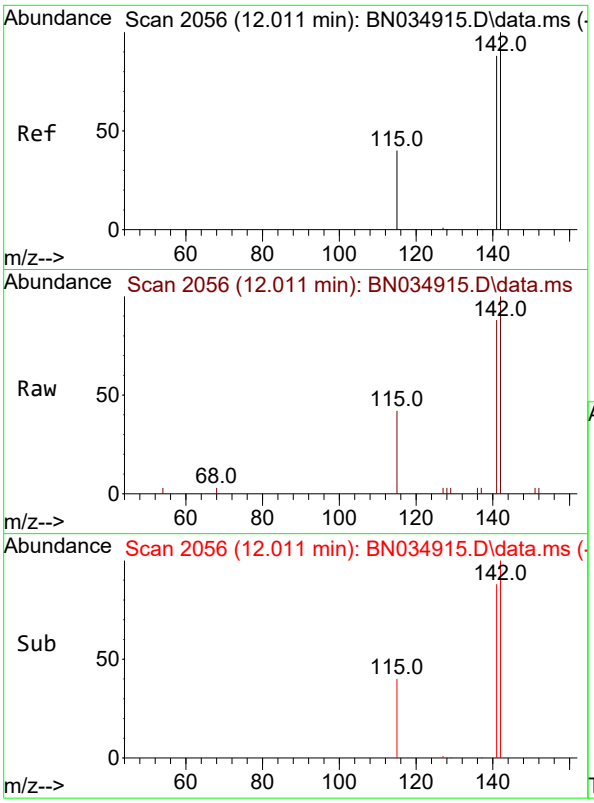


#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.388 min Scan# 1761
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:128 Resp: 3793

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.1	15.1
127	15.1	12.1	18.1



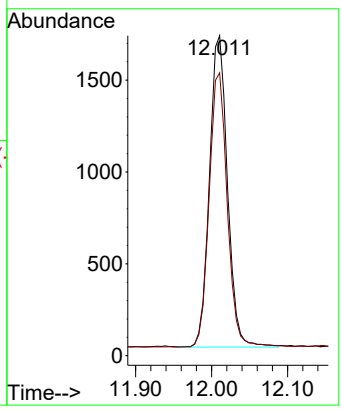


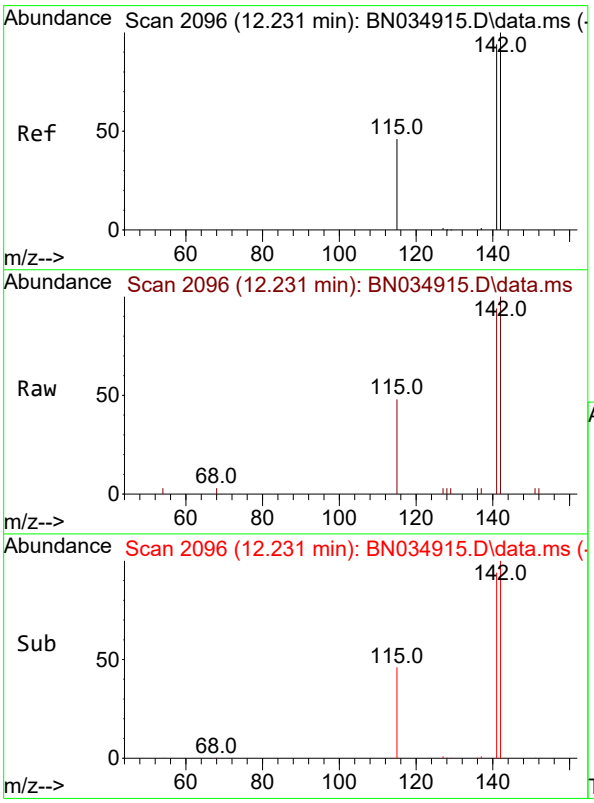
#7
2-Methylnaphthalene
Concen: 0.427 ng/ul
RT: 12.011 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:142 Resp: 2799

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2

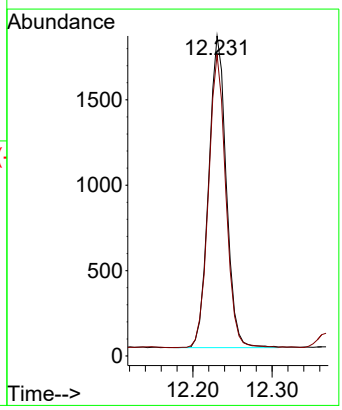


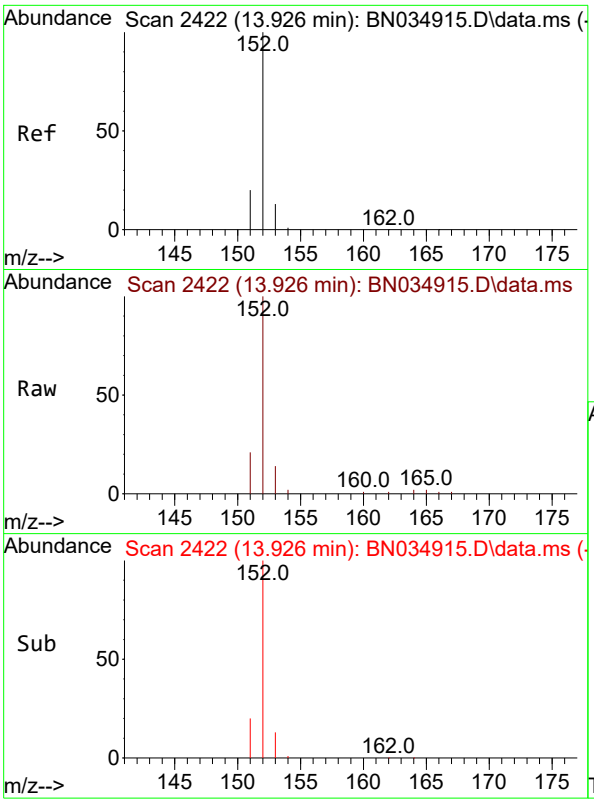


#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.231 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:142 Resp: 2800

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.6	111.8



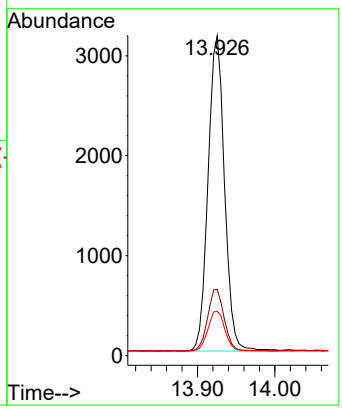


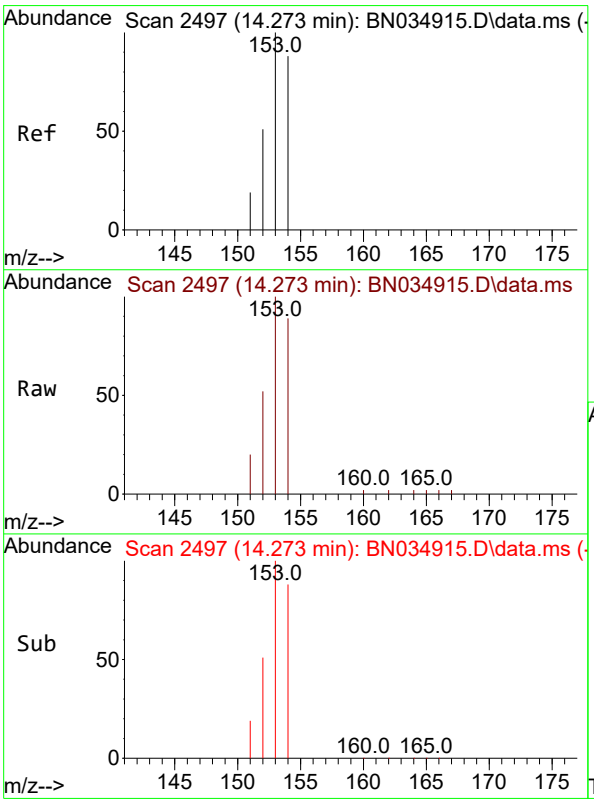
#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 13.926 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:152 Resp: 4653

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	24.8
153	13.8	11.0	16.6

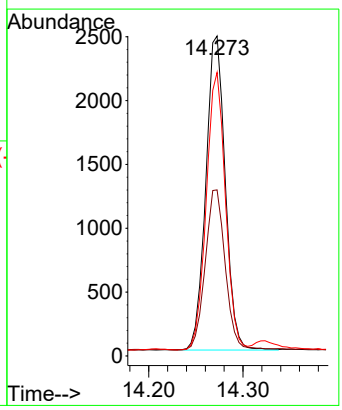


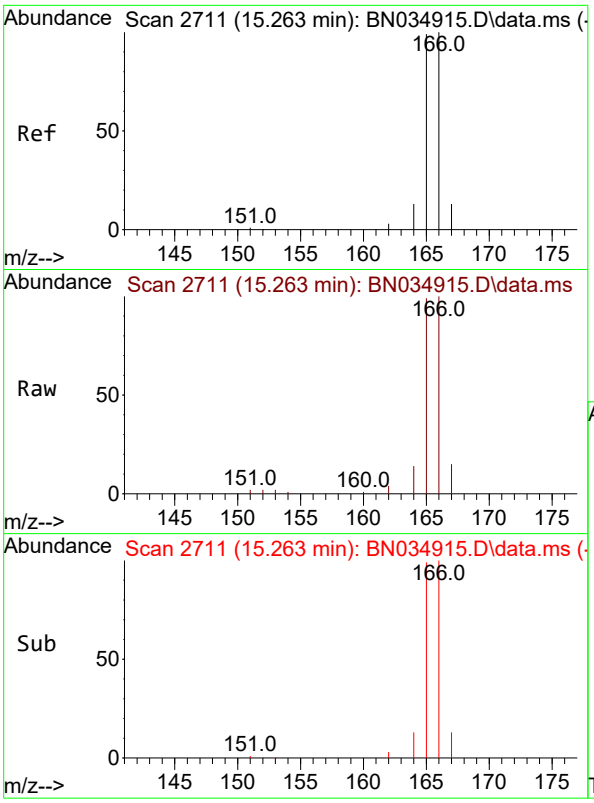


#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:153 Resp: 3521

Ion	Ratio	Lower	Upper
153	100		
152	51.9	41.5	62.3
154	88.6	70.9	106.3



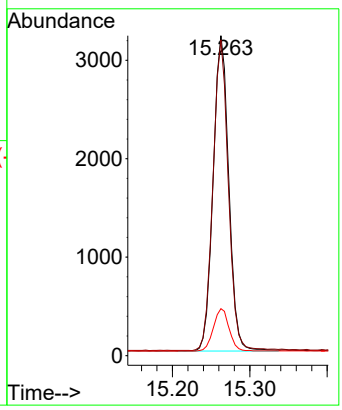


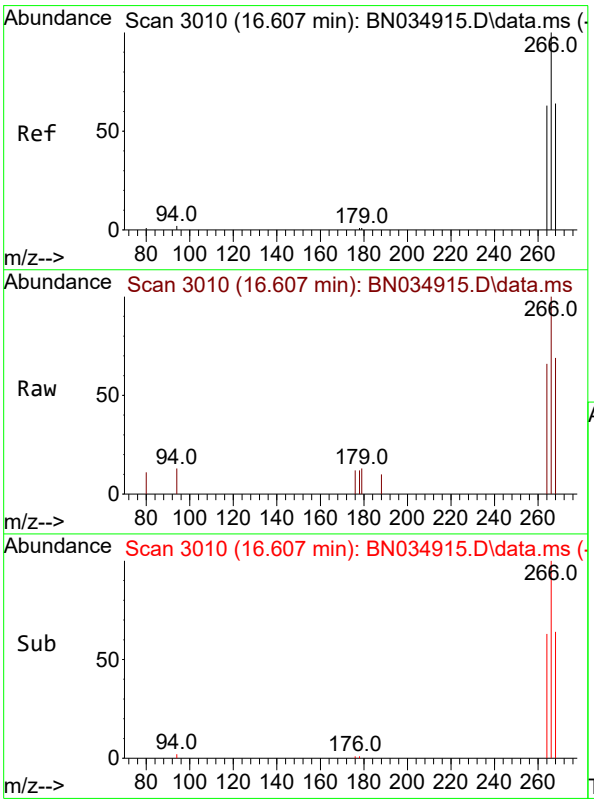
#12
Fluorene
Concen: 0.403 ng/ul
RT: 15.263 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:166 Resp: 4494

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	14.7	11.8	17.6

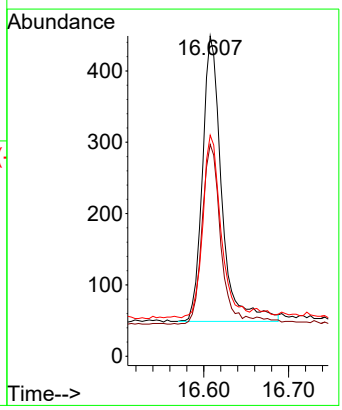


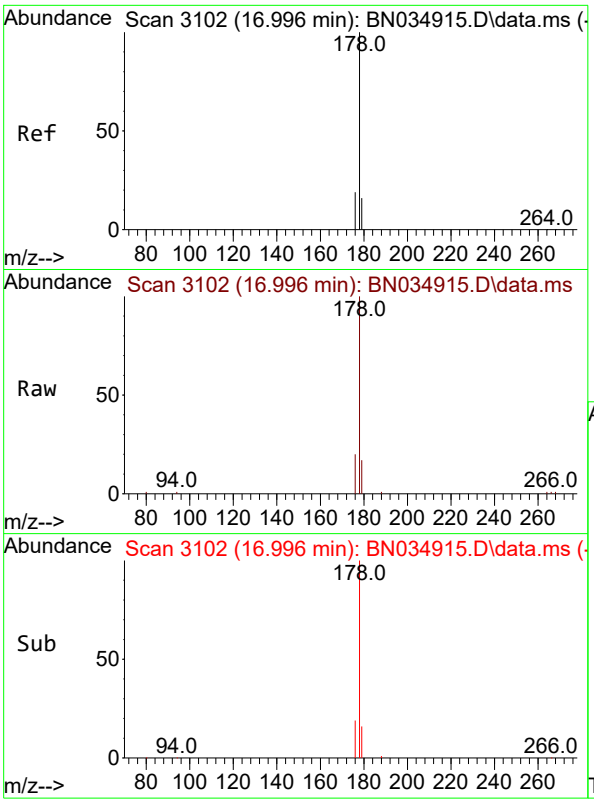


#14
Pentachlorophenol
Concen: 0.424 ng/ul
RT: 16.607 min Scan# 3010
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:266 Resp: 628

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.2
268	60.5	48.4	72.6



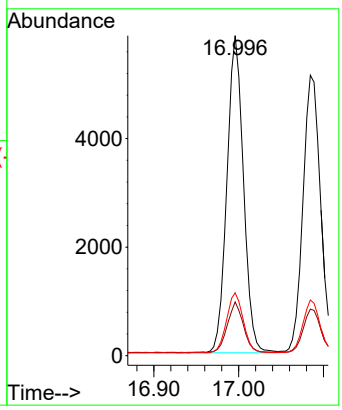


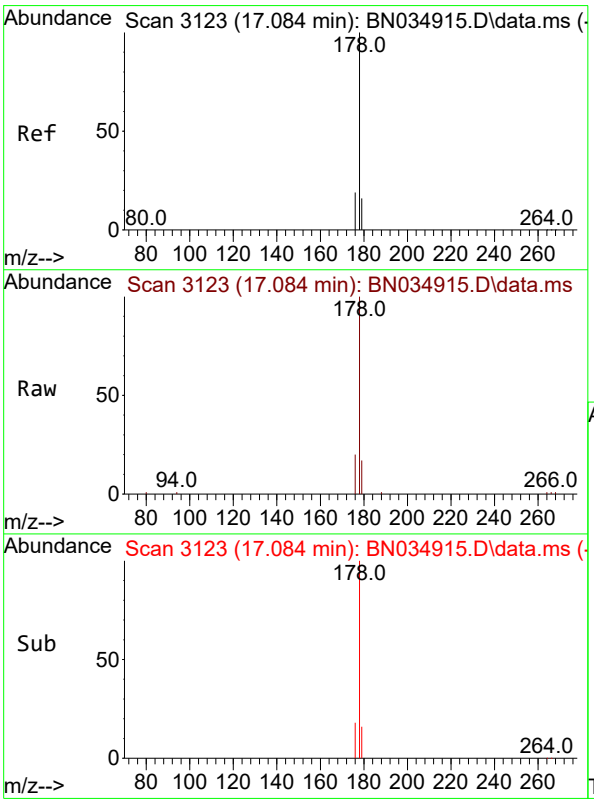
#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 16.996 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:178 Resp: 7937

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.4	20.2
176	19.7	15.8	23.6

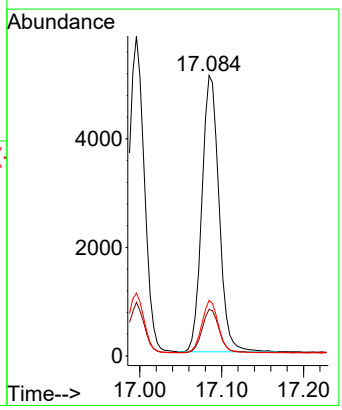


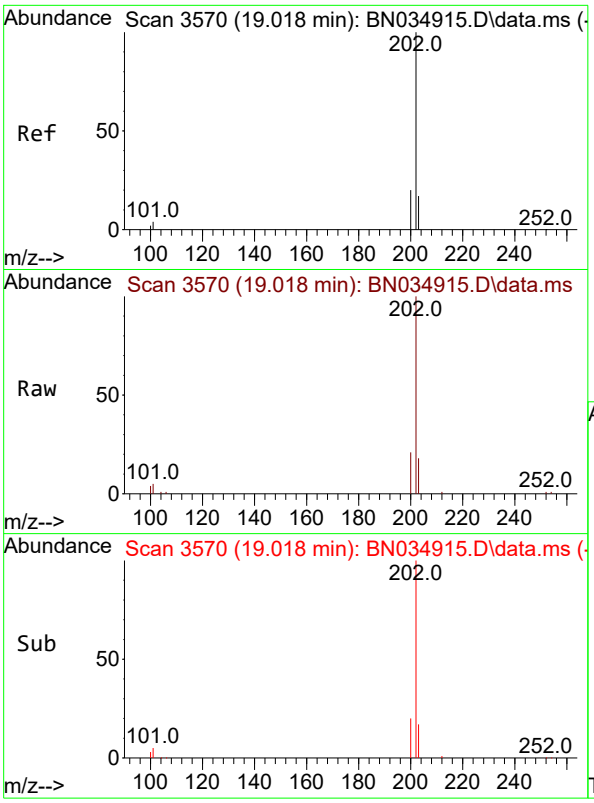


#16
Anthracene
Concen: 0.352 ng/ul
RT: 17.084 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:178 Resp: 7392

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.3	19.9
176	19.8	15.8	23.8



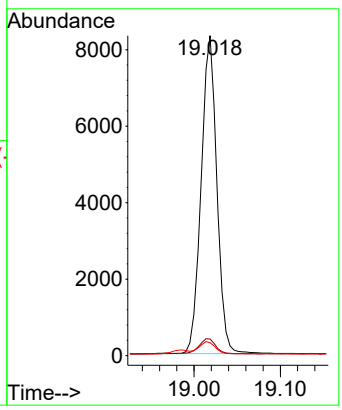


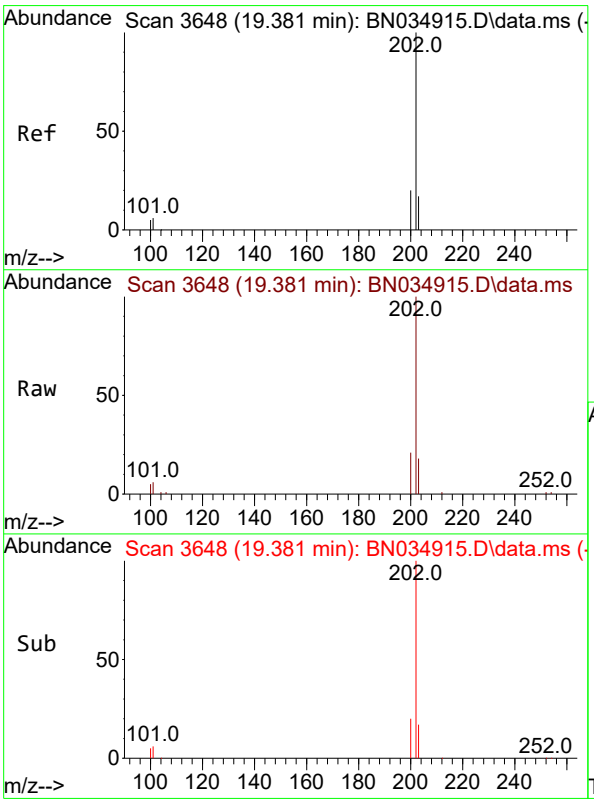
#19
Fluoranthene
Concen: 0.274 ng/ul
RT: 19.018 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:202 Resp: 10520

Ion	Ratio	Lower	Upper
202	100		
101	5.2	4.2	6.2
100	4.0	3.2	4.8

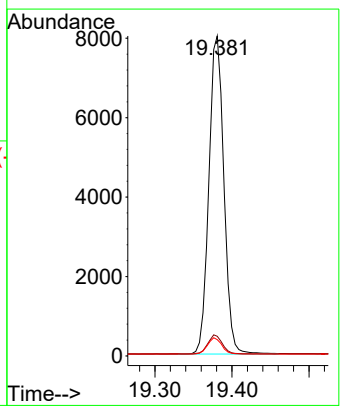


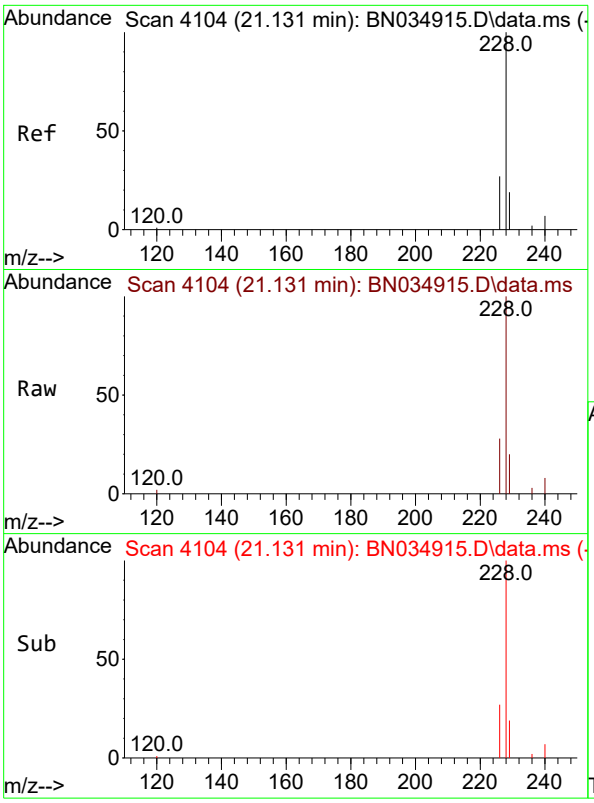


#20
Pyrene
Concen: 0.271 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:202 Resp: 10828

Ion	Ratio	Lower	Upper
202	100		
101	6.2	5.0	7.4
100	5.1	4.1	6.1





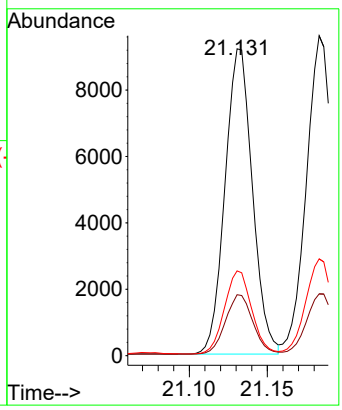
#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.131 min Scan# 4

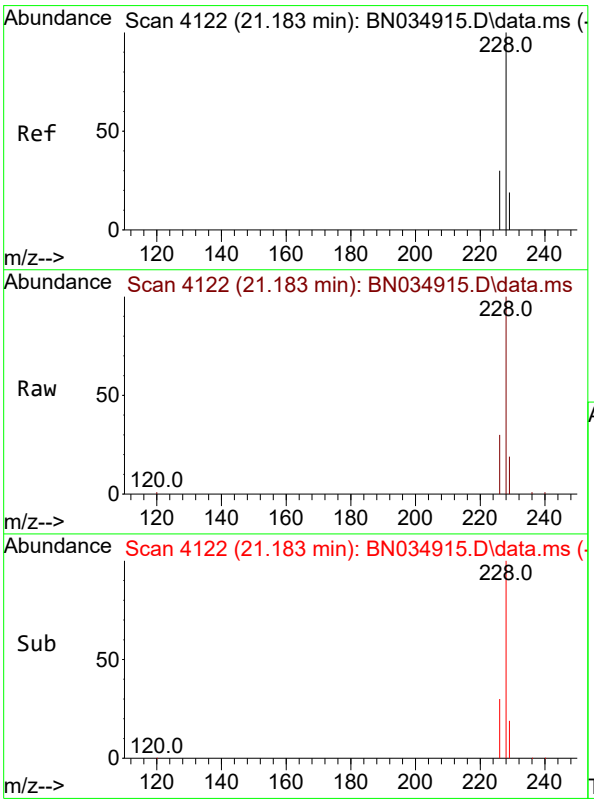
Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:228 Resp: 11261

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.7	22.2	33.2

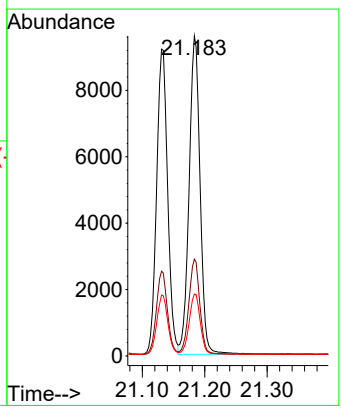


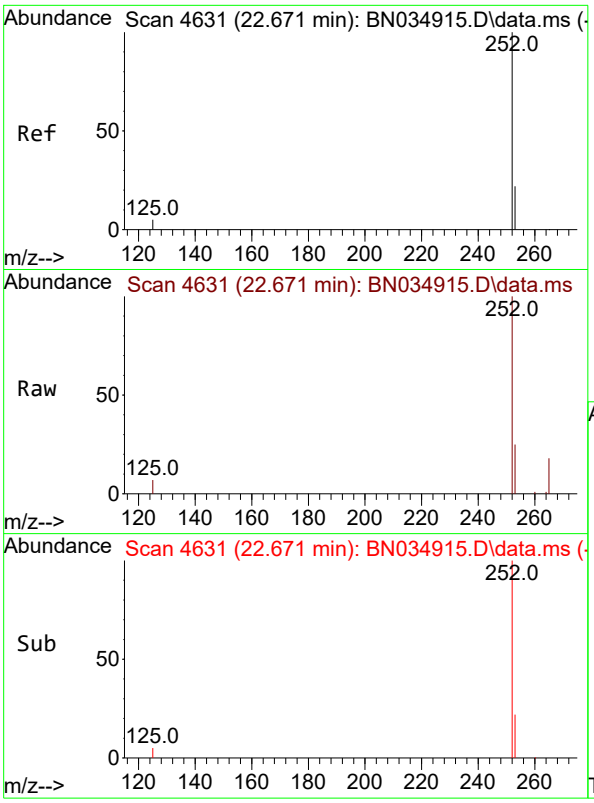


#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:228 Resp: 11704

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.3	15.4	23.2



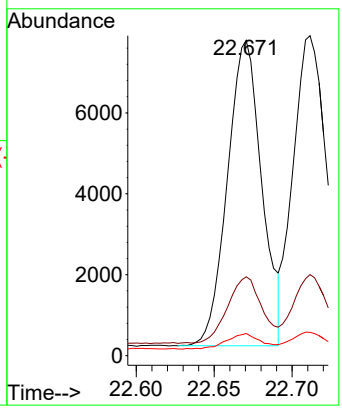


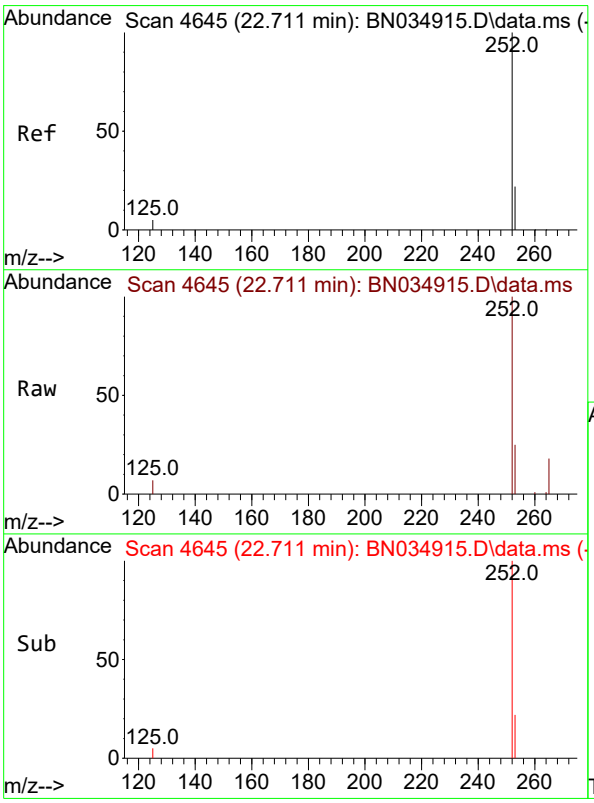
#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul
RT: 22.671 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:252 Resp: 11571

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	50.0
125	7.0	0.0	14.0

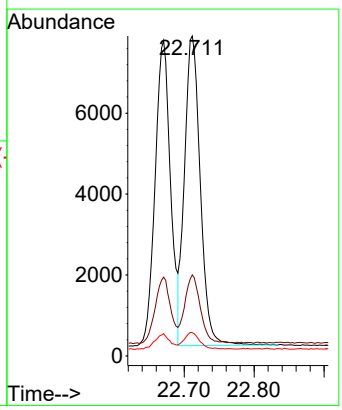


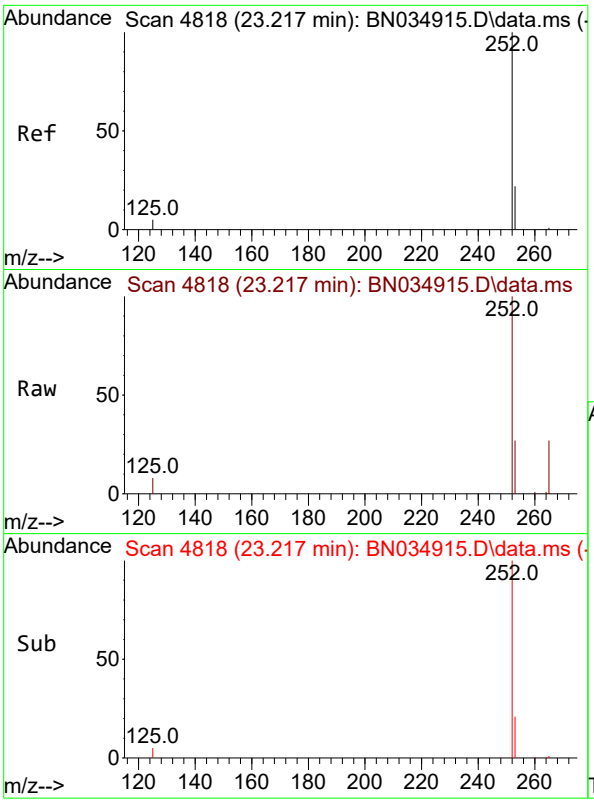


#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.711 min Scan# 4645
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:252 Resp: 11997

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.2	30.4
125	7.3	5.8	8.8



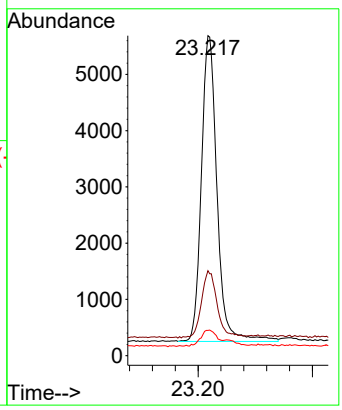


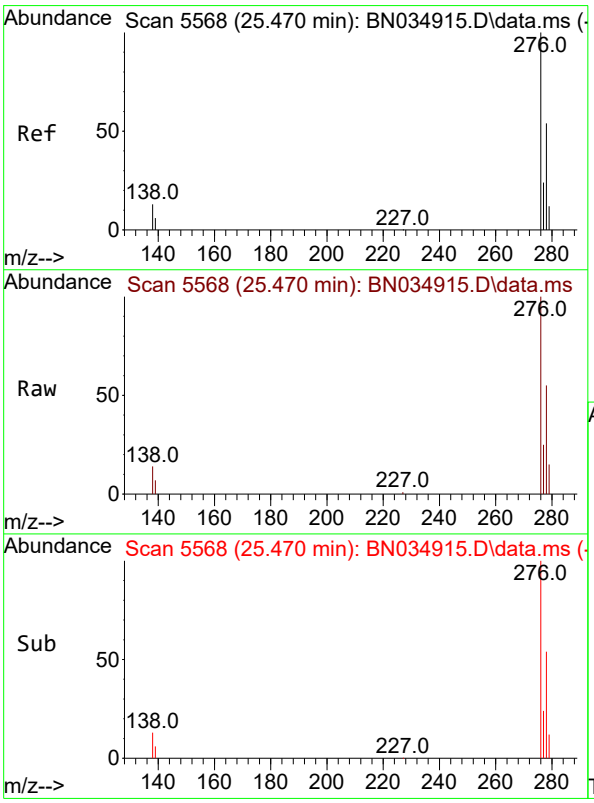
#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.217 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:252 Resp: 10305

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.2	31.8
125	7.9	6.3	9.5

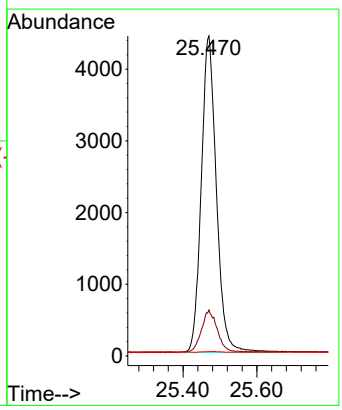


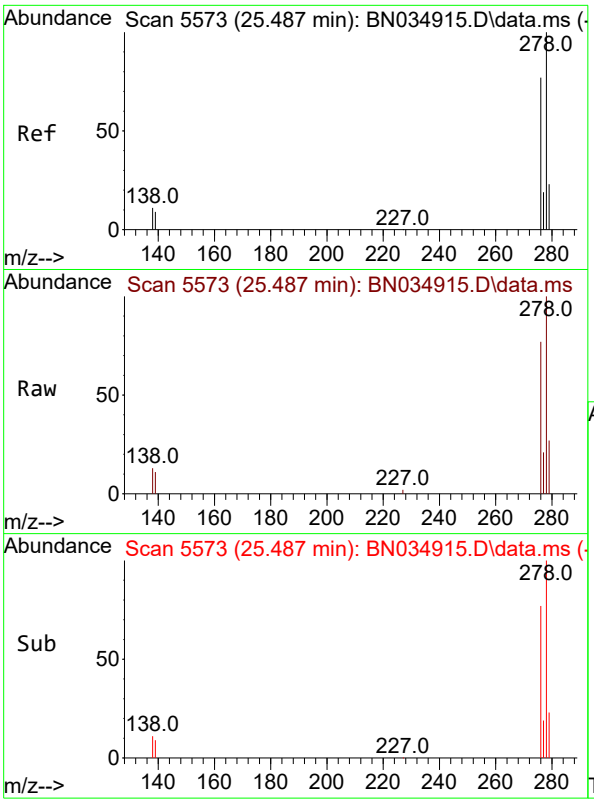


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 25.470 min Scan# 5568
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:276 Resp: 12566

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.8	16.2
227	0.3	0.2	0.4



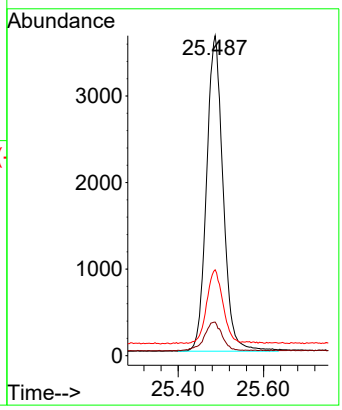


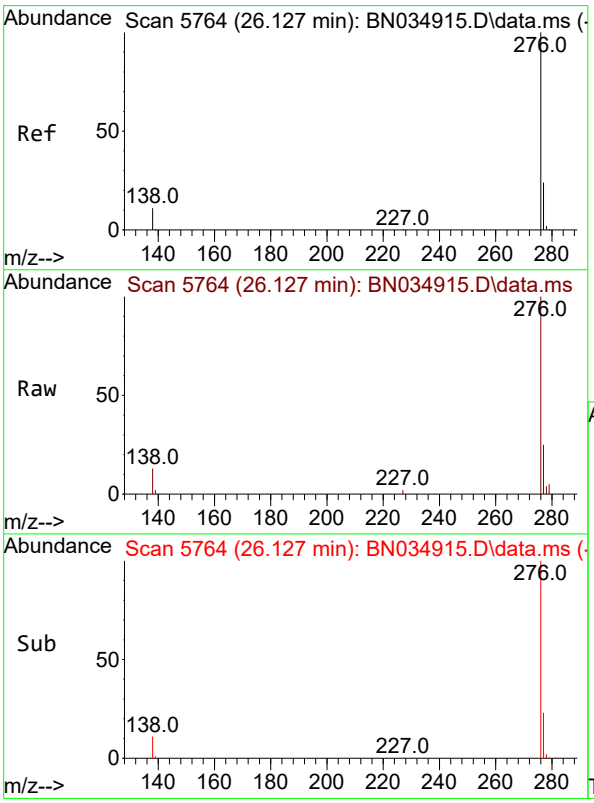
#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 25.487 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Instrument :
BNA_N
ClientSampleId :
SSTD0.4218

Tgt Ion:278 Resp: 9799

Ion	Ratio	Lower	Upper
278	100		
139	10.5	8.4	12.6
279	26.9	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 26.127 min Scan# 5764
Delta R.T. 0.000 min
Lab File: BN034915.D
Acq: 08 Nov 2024 21:52

Tgt Ion:276 Resp: 9675

Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.3	15.5
277	25.2	20.2	30.2