Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034800.D
Acq On : 01 Nov 2024 12:21
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Quant Time: Nov 03 23:26:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	7127	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	21371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	11623	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	24500	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	18202	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	15663	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	2947	0.399	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	10815	0.404	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	21644	0.365	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	3278	0.405	ng/ul#	88
5) Naphthalene	10.416	128	23098	0.408	ng/ul	100
7) 2-Methylnaphthalene	12.033	142	14911	0.405	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	15217	0.406	ng/ul	100
10) Acenaphthylene	13.949	152	21189	0.400	ng/ul	100
11) Acenaphthene	14.296	153	16548	0.409	ng/ul	99
12) Fluorene	15.286	166	18325	0.406	ng/ul	99
14) Pentachlorophenol	16.629	266	1658	0.343	ng/ul	100
15) Phenanthrene	17.017	178	30272	0.409	ng/ul	100
16) Anthracene	17.110	178	27462	0.400	ng/ul	100
19) Fluoranthene	19.037	202	32988	0.374	ng/ul	98
20) Pyrene	19.400	202	35060	0.381	ng/ul	96
21) Benzo(a)anthracene	21.154	228	28753	0.395	ng/ul	99
22) Chrysene	21.204	228	29345	0.402	ng/ul	99
24) Benzo(b)fluoranthene	22.700	252	26656	0.418	ng/ul	99
25) Benzo(k)fluoranthene	22.744	252	26851	0.418	ng/ul	99
26) Benzo(a)pyrene	23.252	252	22173	0.404	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.523	276	23527	0.403	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.540	278	18136	0.410	ng/ul	99
29) Benzo(g,h,i)perylene	26.177	276	18192	0.396	ng/ul	99

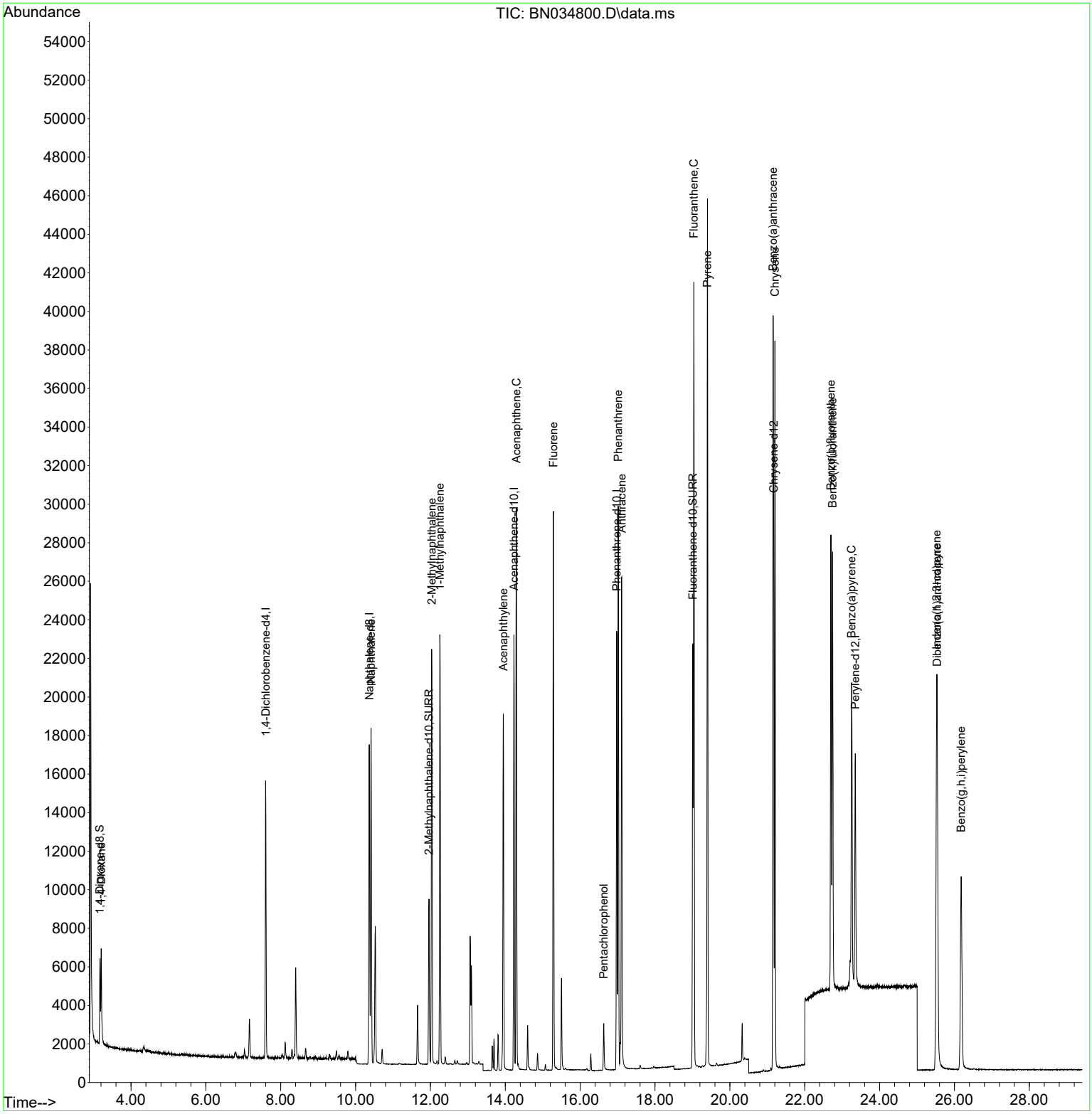
(#) = qualifier out of range (m) = manual integration (+) = signals summed

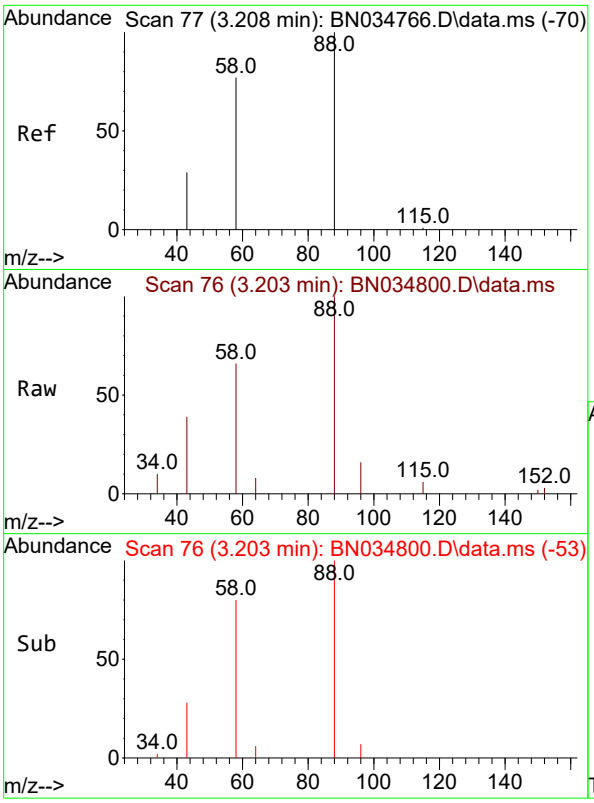
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034800.D
Acq On : 01 Nov 2024 12:21
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Quant Time: Nov 03 23:26:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration



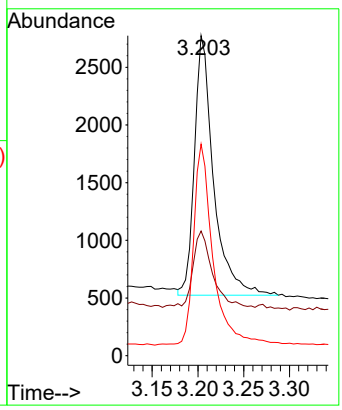


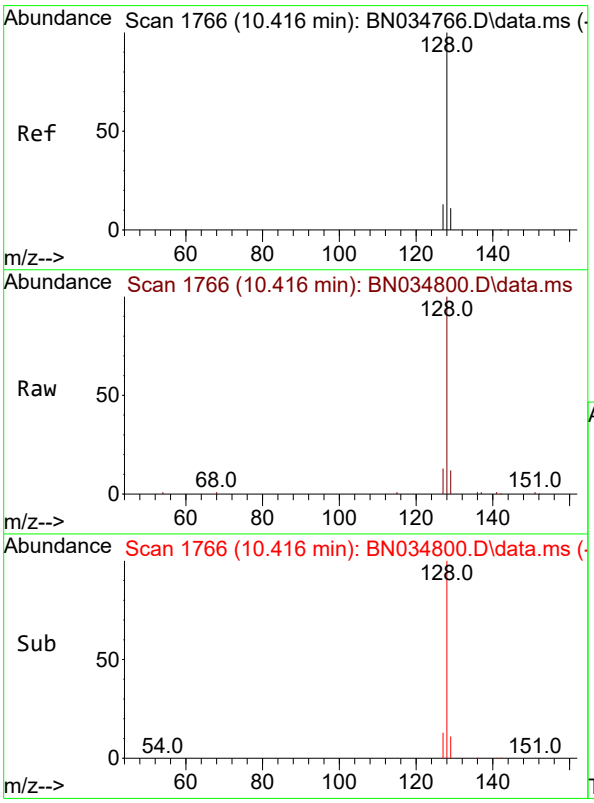
#2
1,4-Dioxane
Concen: 0.405 ng/ul
RT: 3.203 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion: 88 Resp: 3278

Ion	Ratio	Lower	Upper
88	100		
43	38.9	41.9	62.9#
58	66.1	57.5	86.3

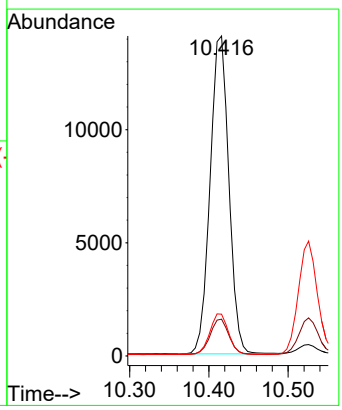


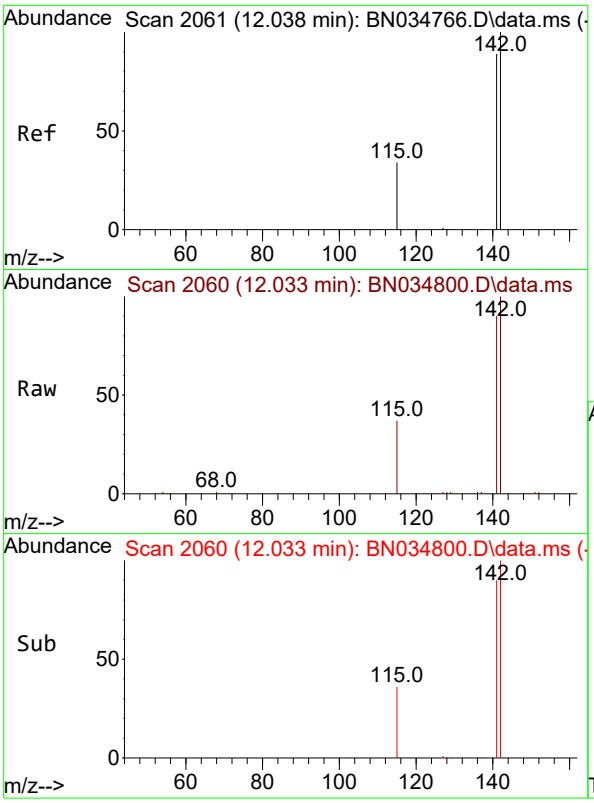


#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:128 Resp: 23098

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.0	10.5	15.7



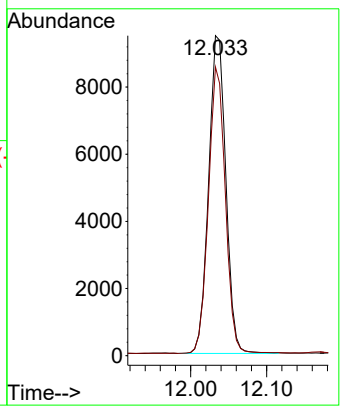


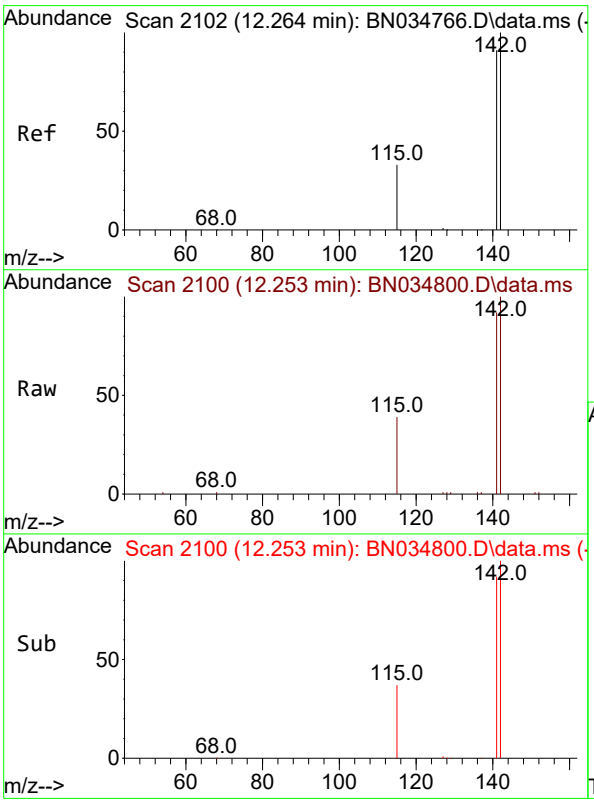
#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.033 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:142 Resp: 14911

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7

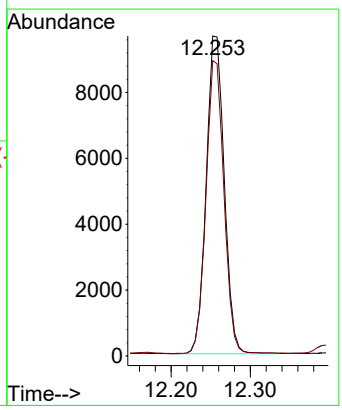


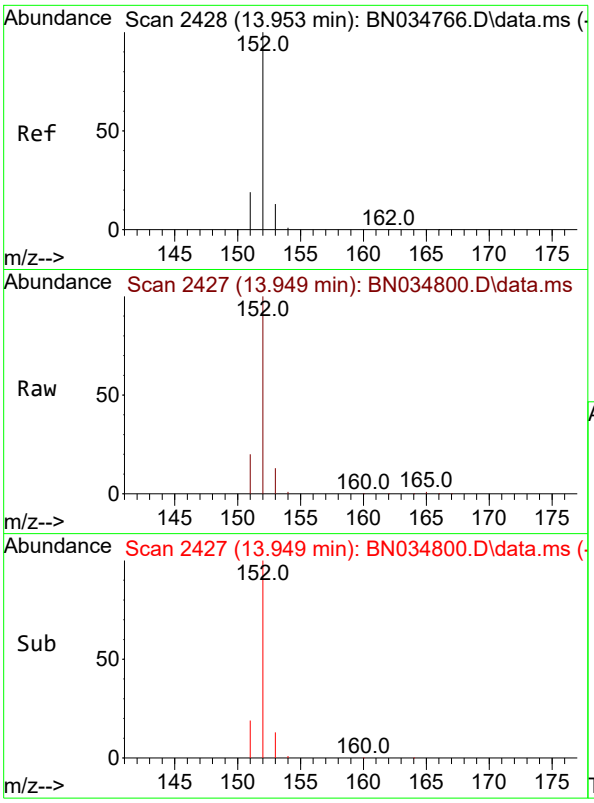


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:142 Resp: 15217

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.6	110.4



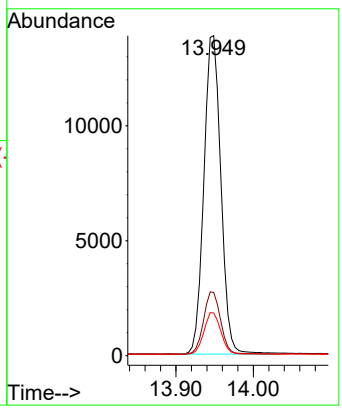


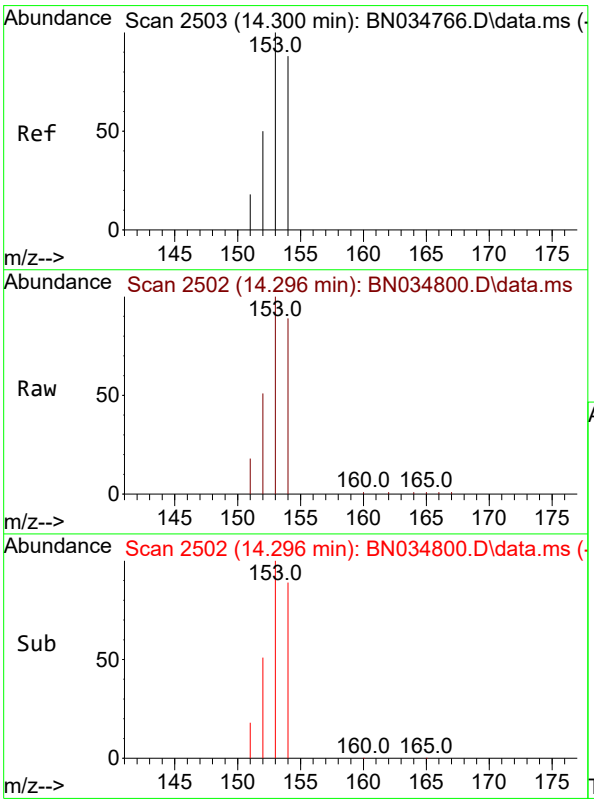
#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 13.949 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:152 Resp: 21189

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.4	10.7	16.1

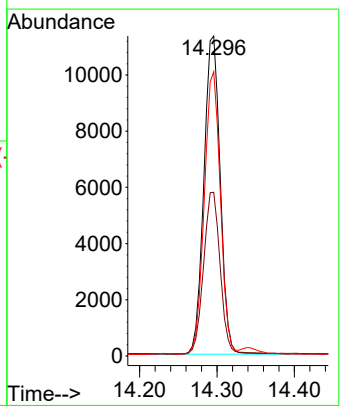


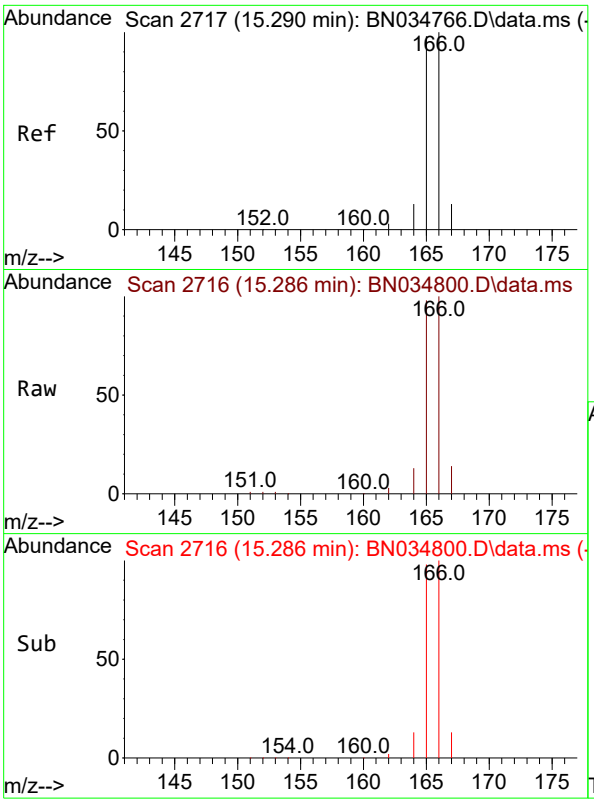


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.296 min Scan# 2502
Delta R.T. -0.005 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:153 Resp: 16548

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.3	60.5
154	88.8	69.9	104.9



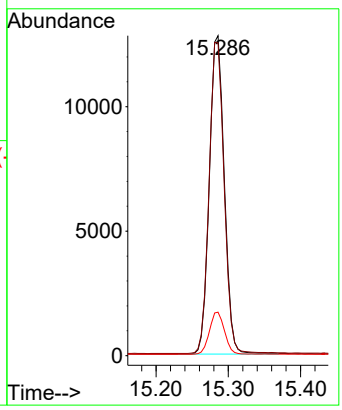


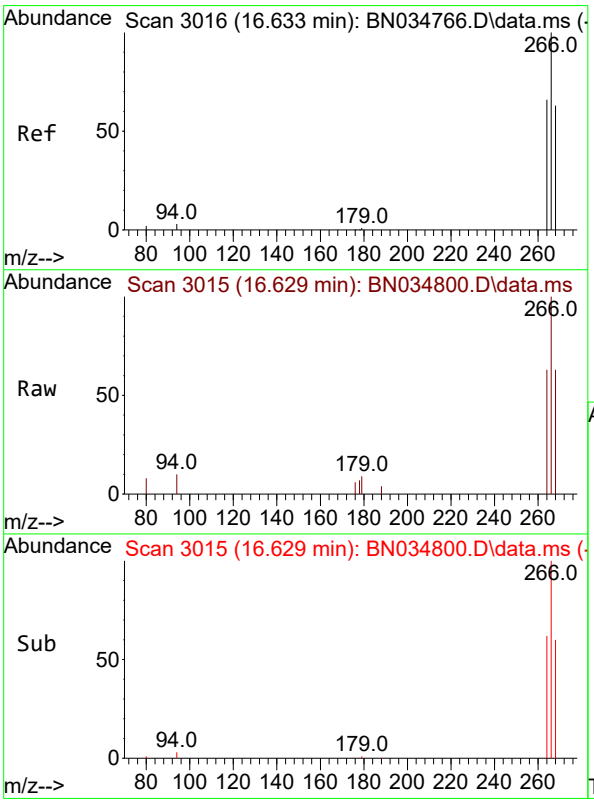
#12
Fluorene
Concen: 0.406 ng/ul
RT: 15.286 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:166 Resp: 18325

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.6	11.0	16.4

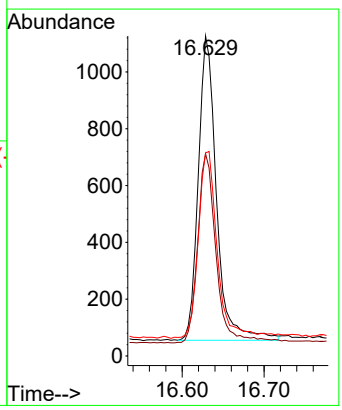


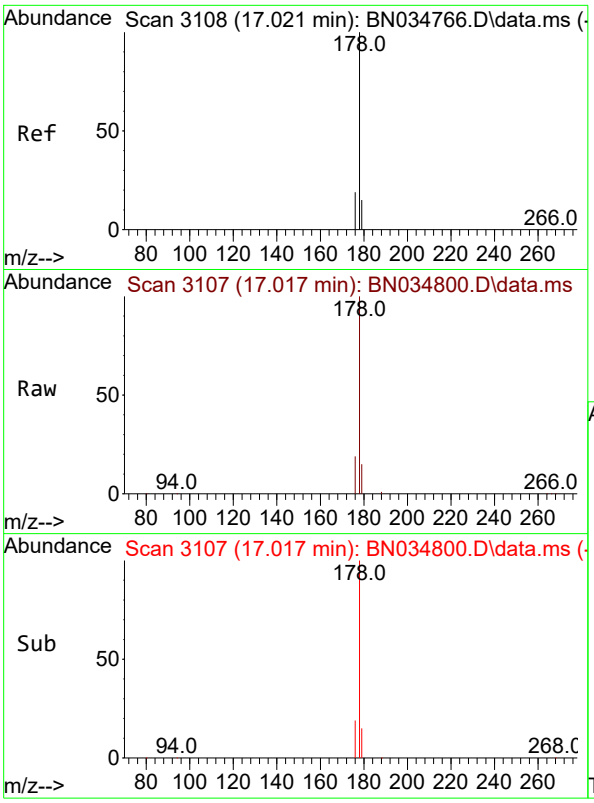


#14
Pentachlorophenol
Concen: 0.343 ng/ul
RT: 16.629 min Scan# 3015
Delta R.T. -0.009 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:266 Resp: 1658

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.1	75.1
268	64.6	52.0	78.0



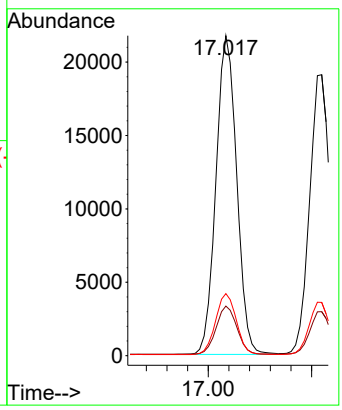


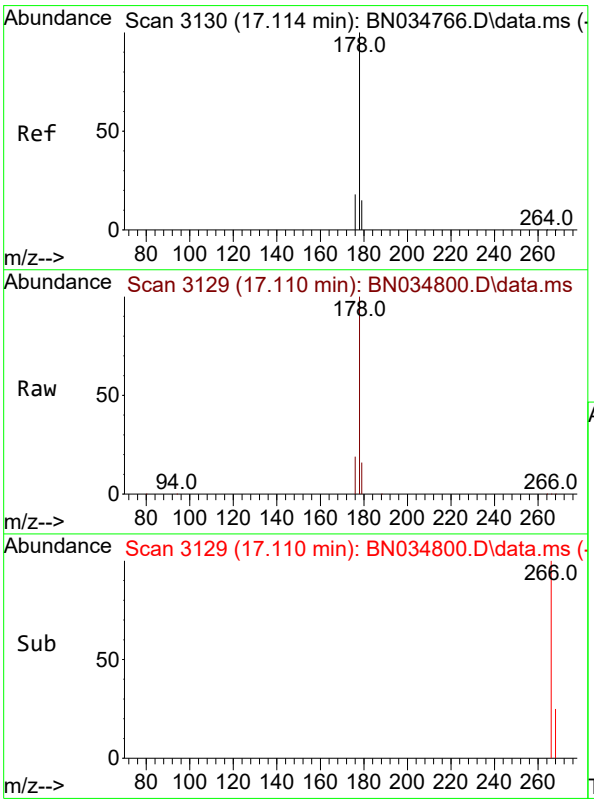
#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.017 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:178 Resp: 30272

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.4	15.4	23.0

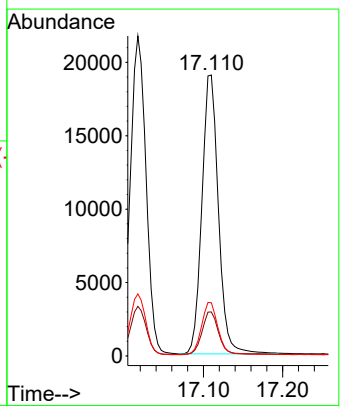


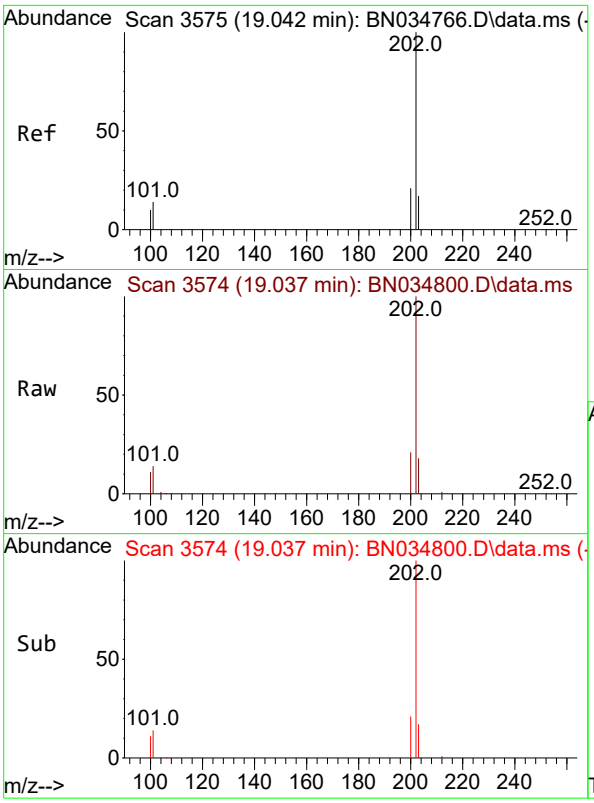


#16
Anthracene
Concen: 0.400 ng/ul
RT: 17.110 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:178 Resp: 27462

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.0	15.1	22.7



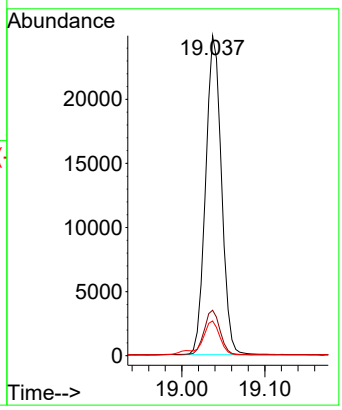


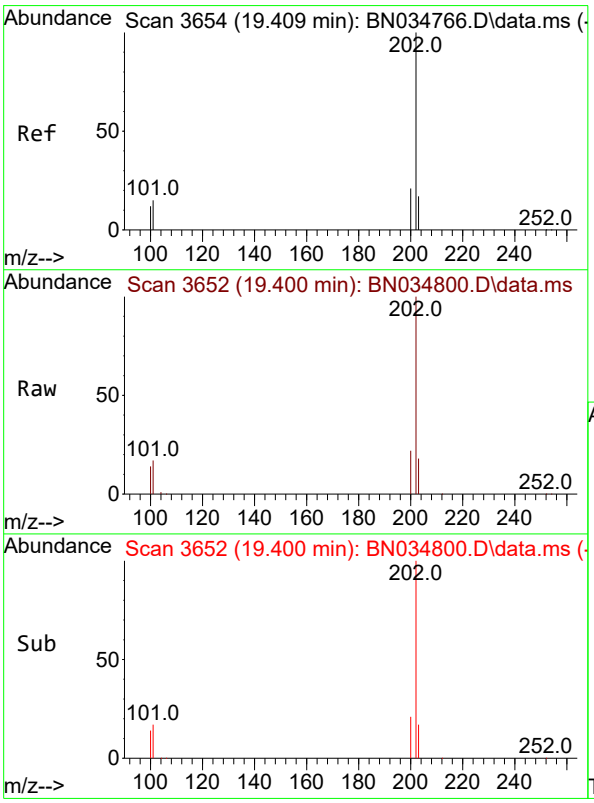
#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.037 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:202 Resp: 32988

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.8	16.2
100	10.8	8.2	12.2

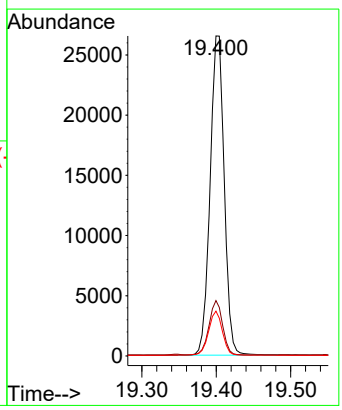


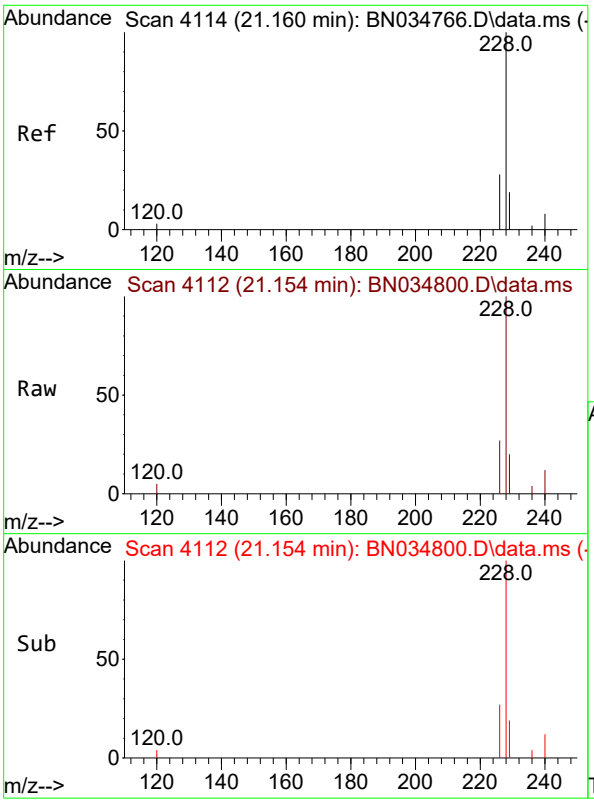


#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:202 Resp: 35060

Ion	Ratio	Lower	Upper
202	100		
101	17.3	12.4	18.6
100	14.0	10.0	15.0



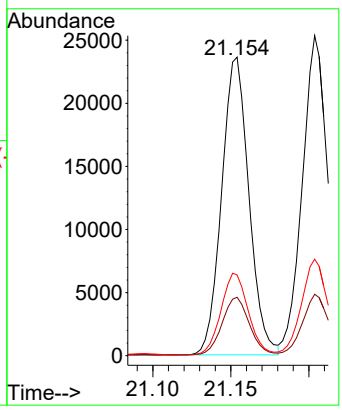


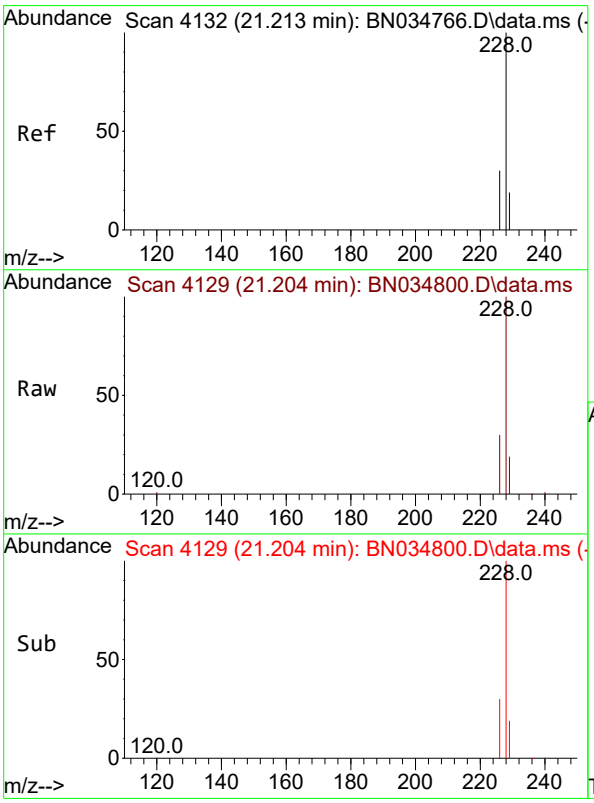
#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.154 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:228 Resp: 28753

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.5	23.3
226	27.1	22.1	33.1

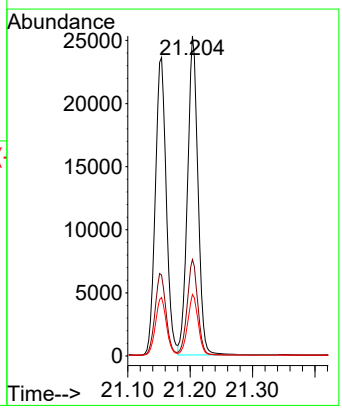


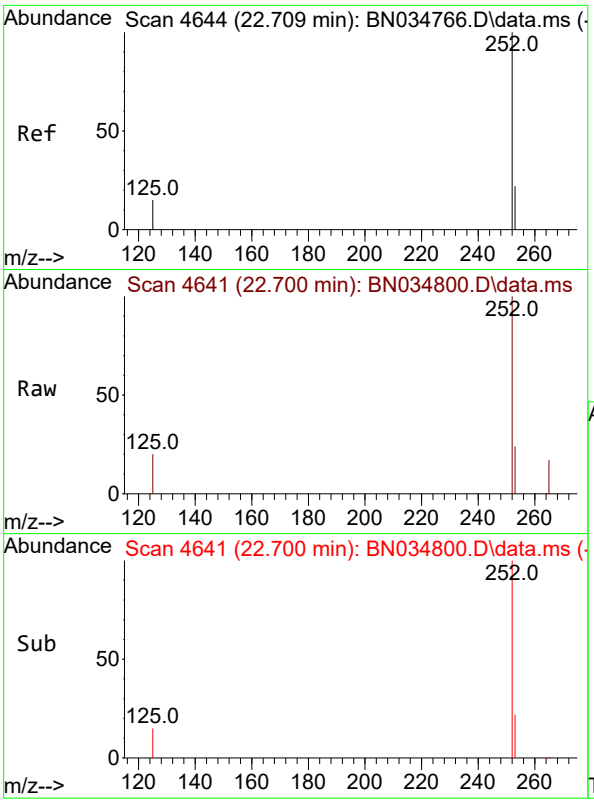


#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.204 min Scan# 4129
Delta R.T. -0.009 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:228 Resp: 29345

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	19.2	15.6	23.4



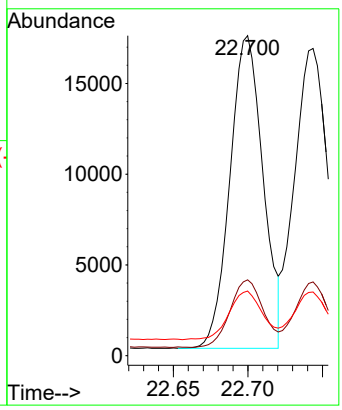


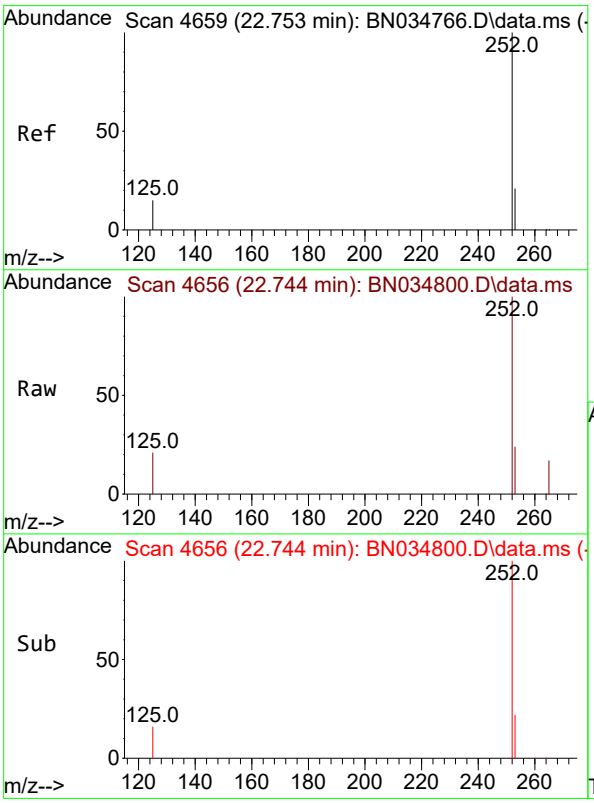
#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 22.700 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:252 Resp: 26656

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	47.6
125	20.2	0.0	41.4

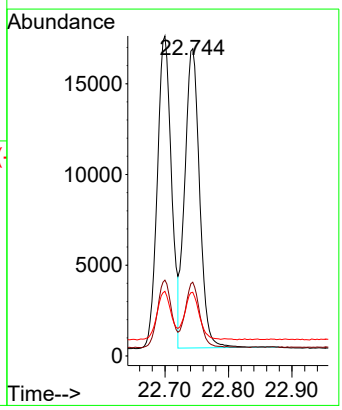


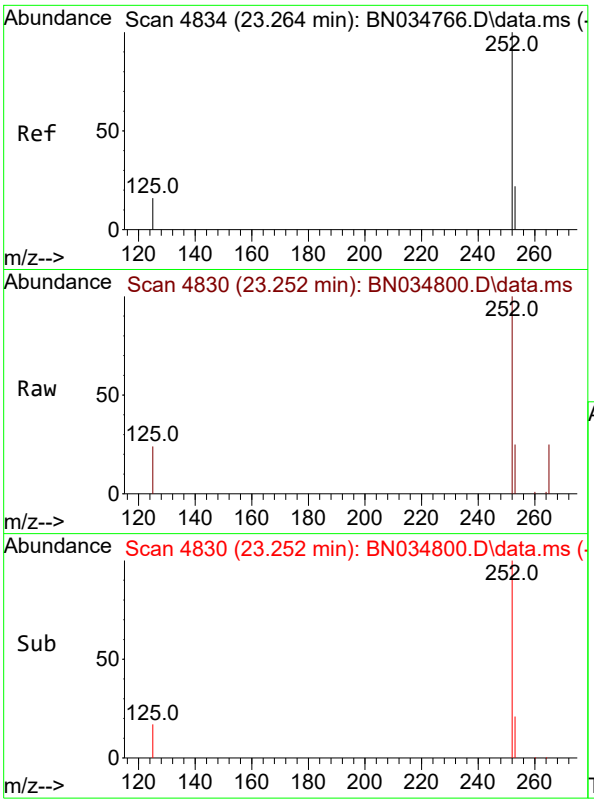


#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 22.744 min Scan# 4656
Delta R.T. -0.006 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:252 Resp: 26851

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	20.7	17.0	25.4



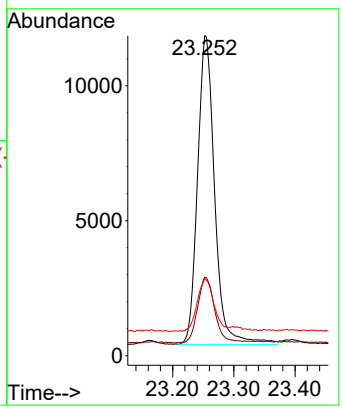


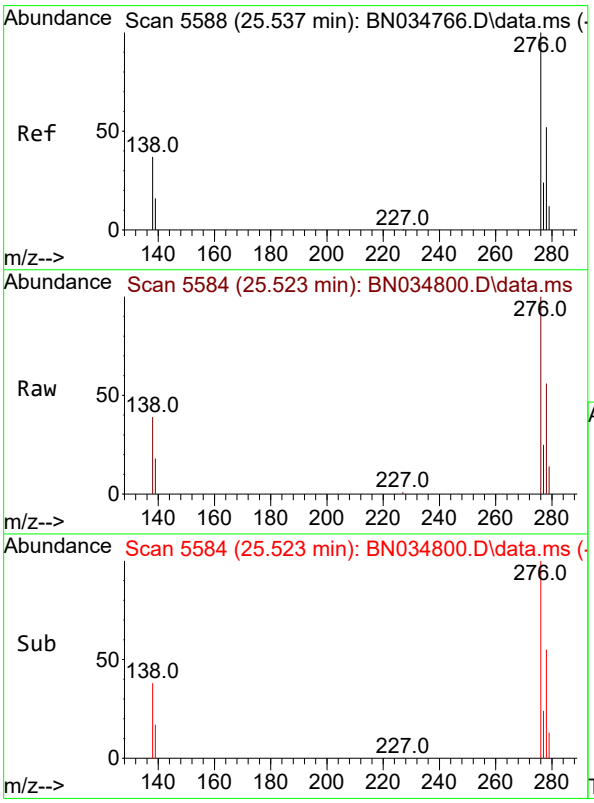
#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.252 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:252 Resp: 22173

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.0	30.0
125	24.1	19.8	29.6

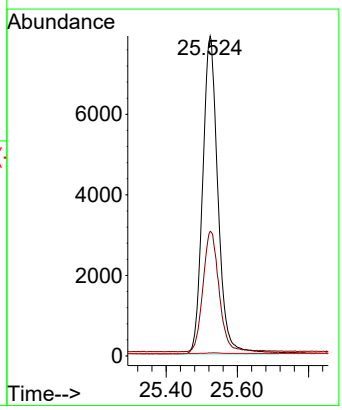


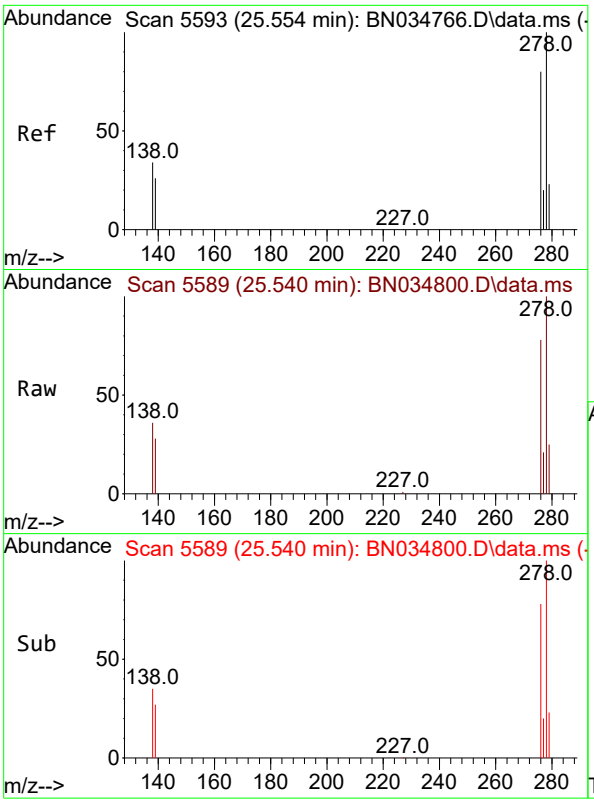


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 25.523 min Scan# 5584
Delta R.T. -0.014 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:276 Resp: 23527

Ion	Ratio	Lower	Upper
276	100		
138	40.2	31.8	47.6
227	0.2	0.2	0.4#



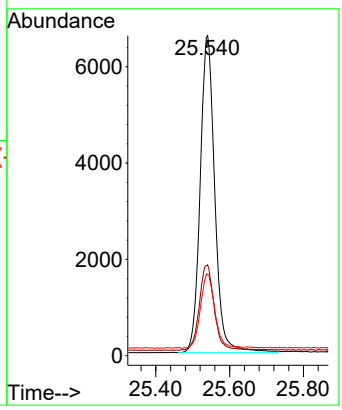


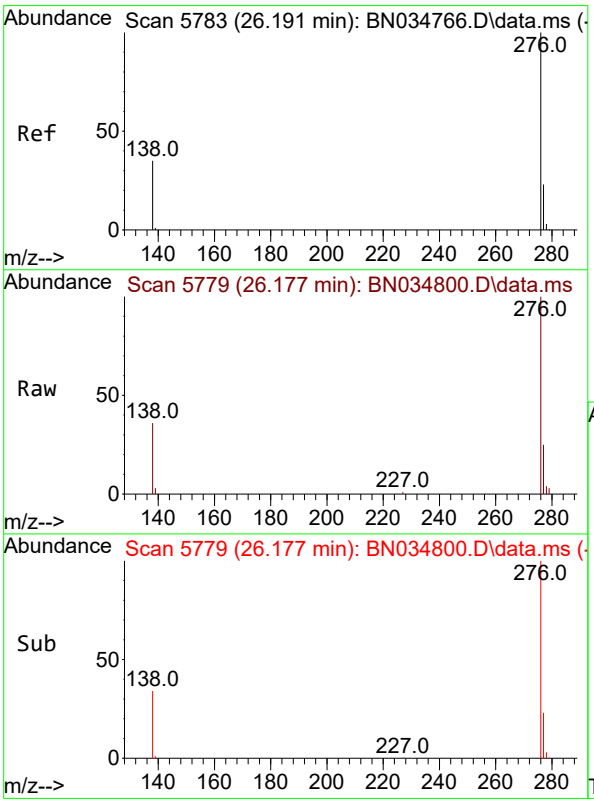
#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 25.540 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Instrument :
BNA_N
ClientSampleId :
SSTD0.4323

Tgt Ion:278 Resp: 18136

Ion	Ratio	Lower	Upper
278	100		
139	28.4	23.4	35.2
279	25.3	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 0.396 ng/ul
RT: 26.177 min Scan# 5779
Delta R.T. -0.017 min
Lab File: BN034800.D
Acq: 01 Nov 2024 12:21

Tgt Ion:276 Resp: 18192

Ion	Ratio	Lower	Upper
276	100		
138	35.8	28.8	43.2
277	24.6	20.2	30.2