Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034991.D
Acq On : 10 Nov 2024 22:17
Operator : RC/JU
Sample : PB164814BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS814

Quant Time: Nov 10 23:32:44 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 : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	2524	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	5981	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	4344	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	10387	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	10324	0.400	ng/ul	0.00
23) Perylene-d12	23.306	264	11104	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	1967	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	4346	0.474	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	12790	0.482	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	5271	2.003	ng/ul#	92
5) Naphthalene	10.378	128	6420	0.429	ng/ul	99
7) 2-Methylnaphthalene	12.000	142	4608	0.412	ng/ul	99
8) 1-Methylnaphthalene	12.220	142	5387	0.480	ng/ul	99
10) Acenaphthylene	13.917	152	7225	0.407	ng/ul	100
11) Acenaphthene	14.264	153	5537	0.412	ng/ul	99
12) Fluorene	15.254	166	6755	0.395	ng/ul	99
14) Pentachlorophenol	16.599	266	2016	0.839	ng/ul	97
15) Phenanthrene	16.988	178	11642	0.419	ng/ul	99
16) Anthracene	17.081	178	10673	0.409	ng/ul	99
19) Fluoranthene	19.010	202	14724	0.427	ng/ul#	97
20) Pyrene	19.372	202	15306	0.428	ng/ul#	97
21) Benzo(a)anthracene	21.125	228	15494	0.414	ng/ul	99
22) Chrysene	21.175	228	16043	0.421	ng/ul	99
24) Benzo(b)fluoranthene	22.662	252	16263	0.417	ng/ul	100
25) Benzo(k)fluoranthene	22.703	252	17004	0.416	ng/ul	99
26) Benzo(a)pyrene	23.212	252	14529	0.417	ng/ul#	99
27) Indeno(1,2,3-cd)pyrene	25.454	276	19984	0.468	ng/ul	94
28) Dibenzo(a,h)anthracene	25.474	278	15623	0.470	ng/ul	98
29) Benzo(g,h,i)perylene	26.108	276	15487	0.475	ng/ul	98

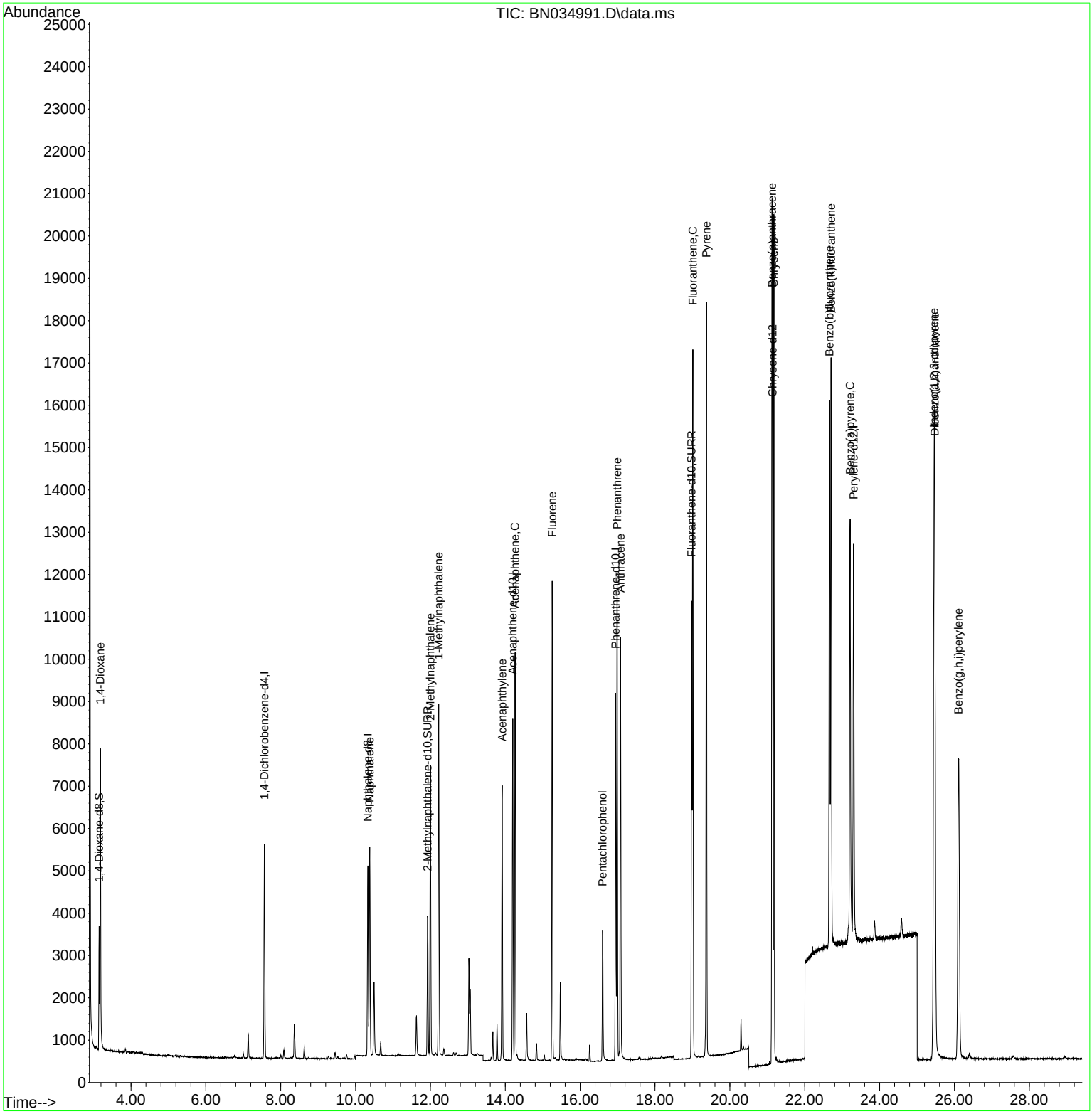
(#) = qualifier out of range (m) = manual integration (+) = signals summed

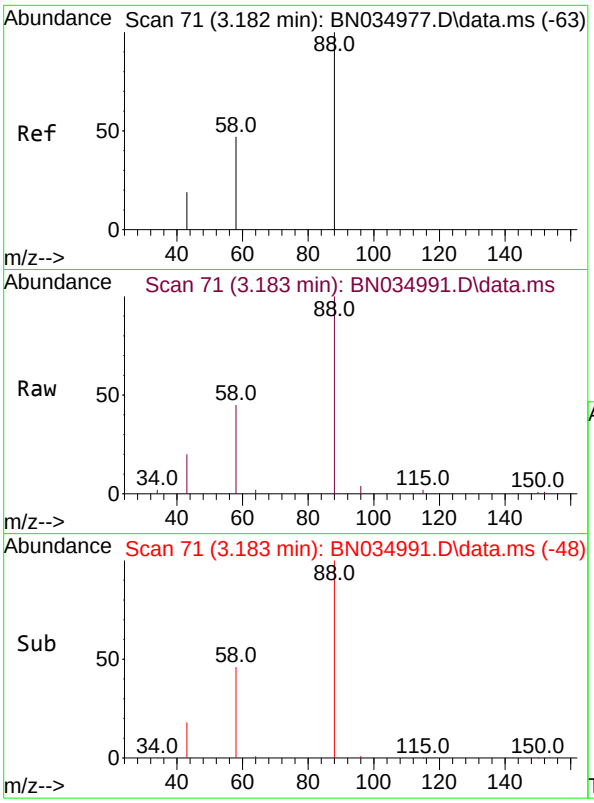
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110924\
Data File : BN034991.D
Acq On : 10 Nov 2024 22:17
Operator : RC/JU
Sample : PB164814BS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS814

Quant Time: Nov 10 23:32:44 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 : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration



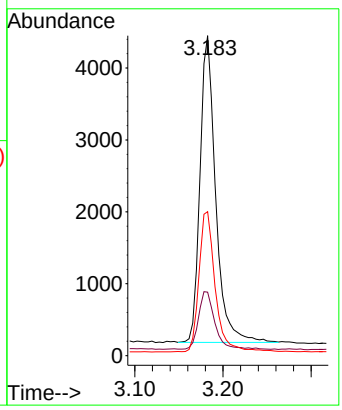


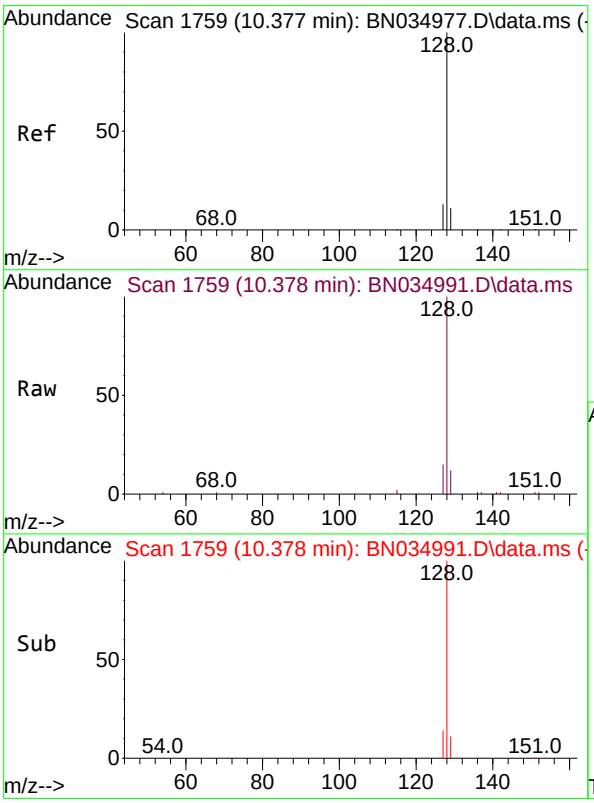
#2
1,4-Dioxane
Concen: 2.003 ng/ul
RT: 3.183 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion: 88 Resp: 5271

Ion	Ratio	Lower	Upper
88	100		
43	19.9	23.3	34.9#
58	45.0	35.4	53.2

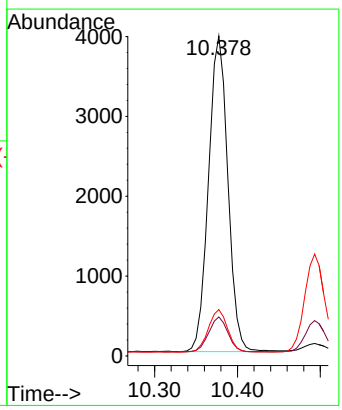


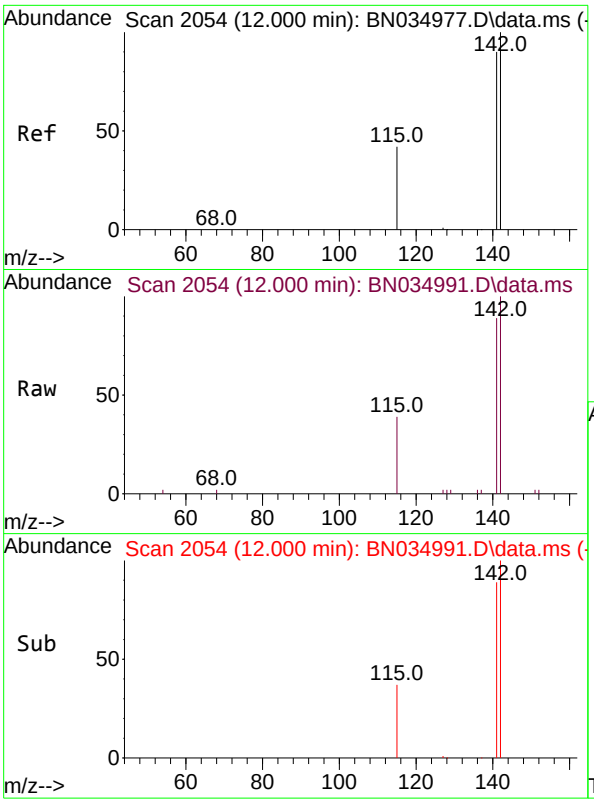


#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.378 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:128 Resp: 6420

Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.1	15.1
127	14.5	12.1	18.1



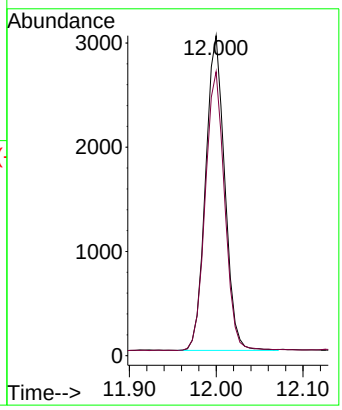


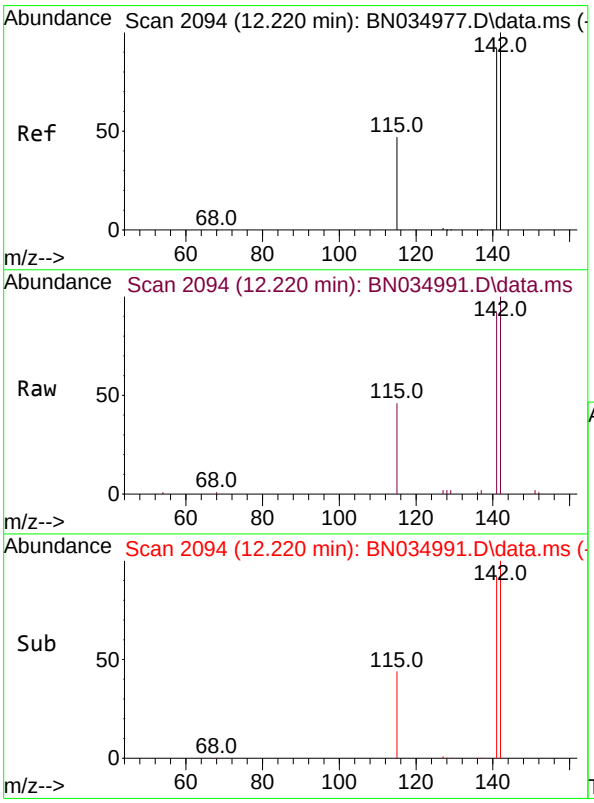
#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.000 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:142 Resp: 4608

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2

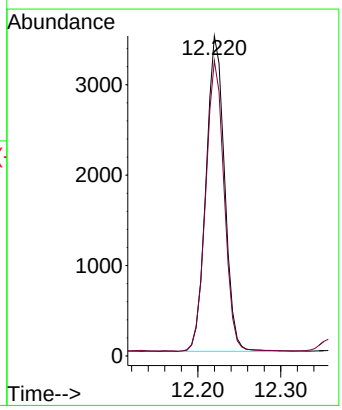


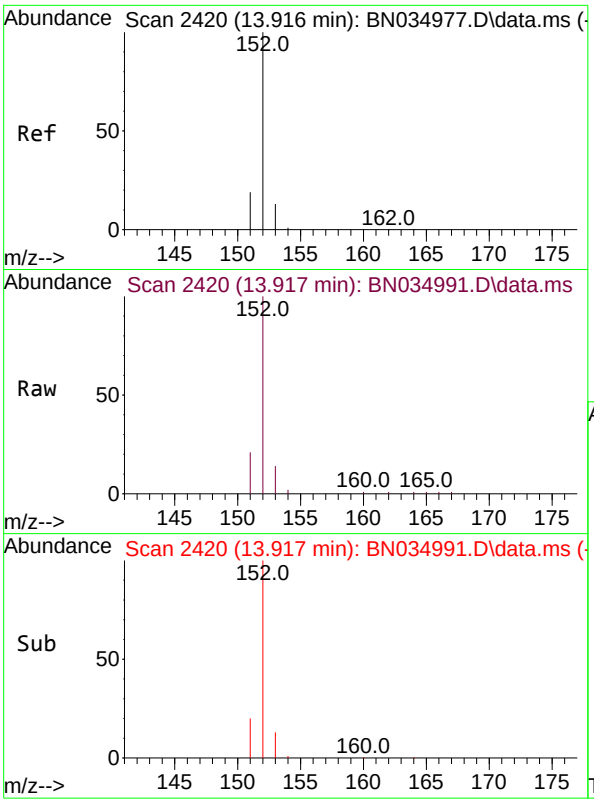


#8
1-Methylnaphthalene
Concen: 0.480 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:142 Resp: 5387

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.6	111.8



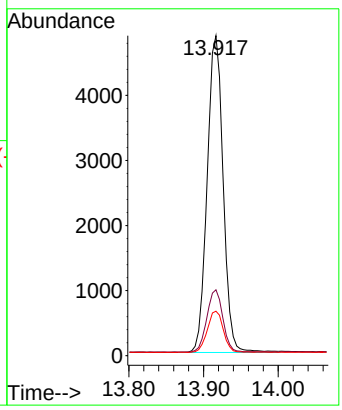


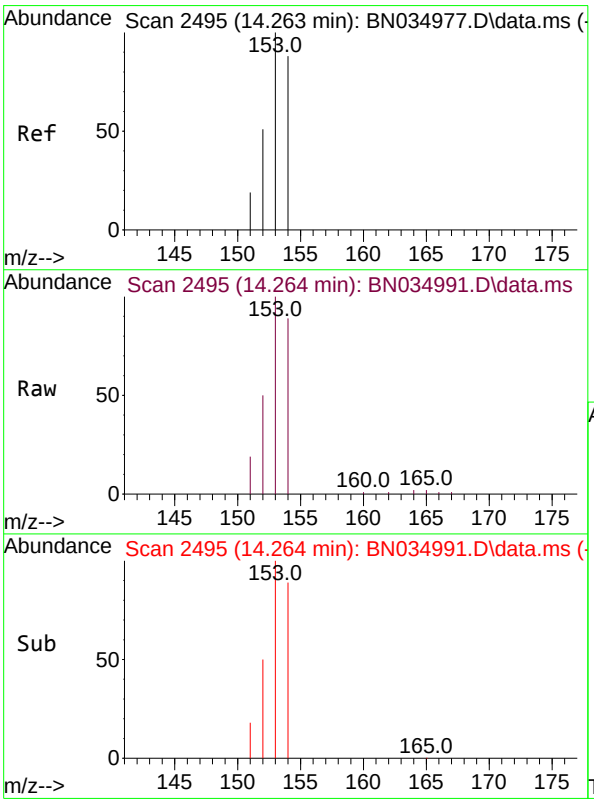
#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 13.917 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:152 Resp: 7225

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	13.9	11.0	16.6

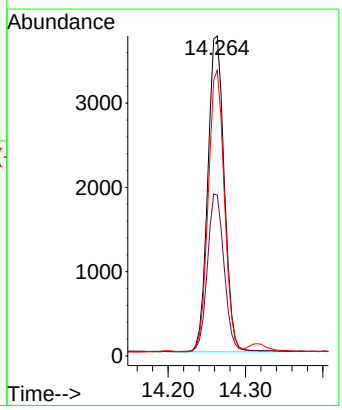


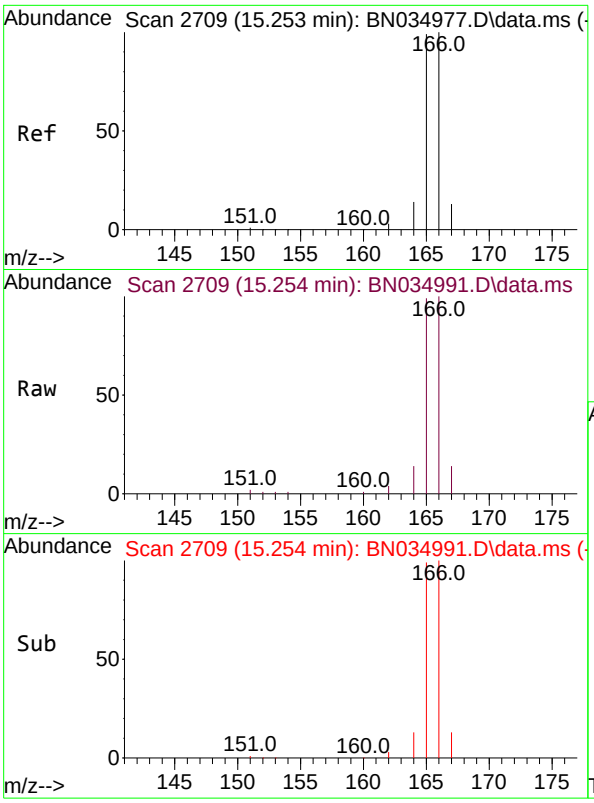


#11
Acenaphthene
Concen: 0.412 ng/ul
RT: 14.264 min Scan# 2495
Delta R.T. -0.009 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:153 Resp: 5537

Ion	Ratio	Lower	Upper
153	100		
152	50.3	41.5	62.3
154	89.3	70.9	106.3



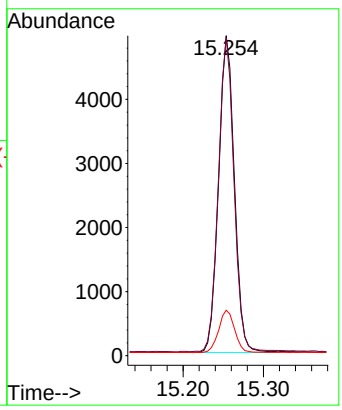


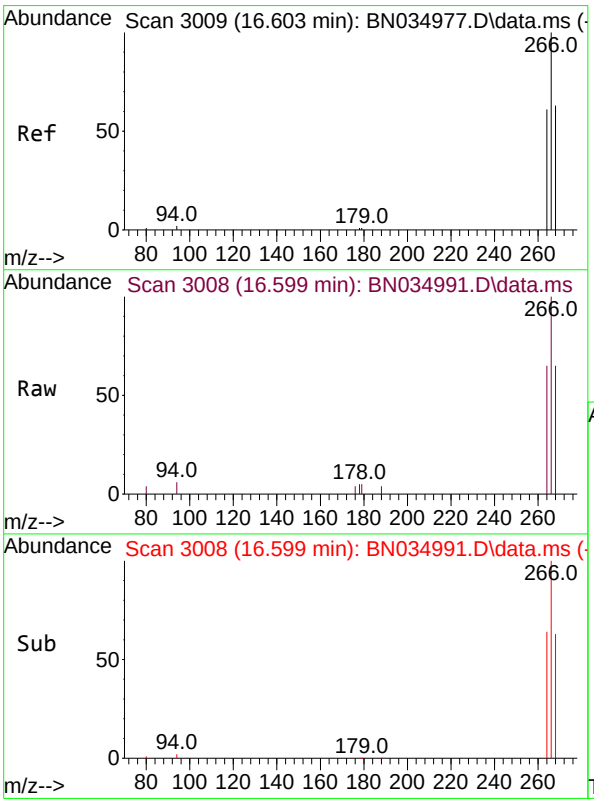
#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.254 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:166 Resp: 6755

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.0	118.4
167	14.2	11.8	17.6

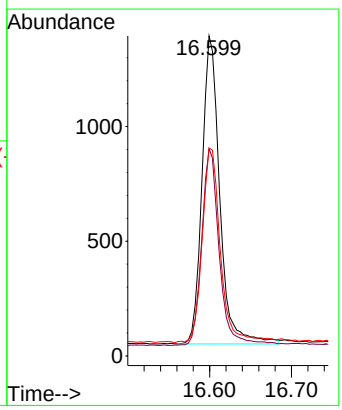


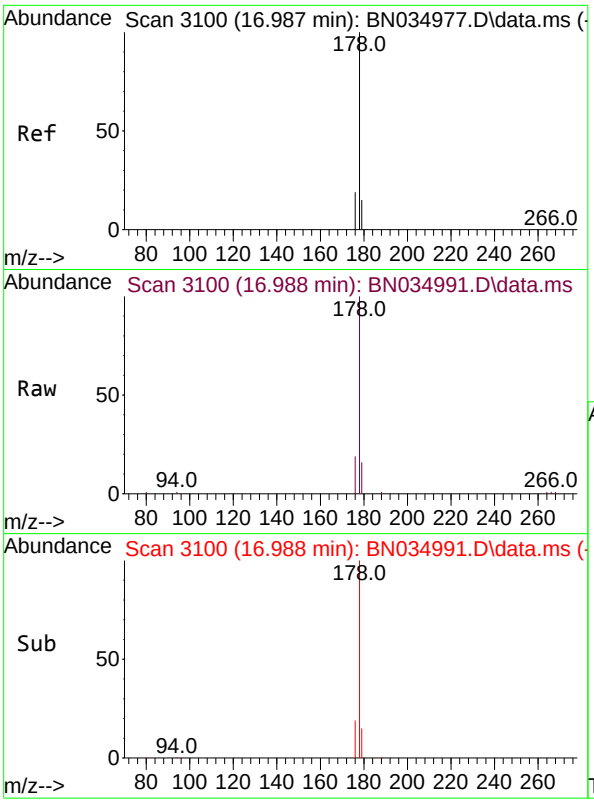


#14
Pentachlorophenol
Concen: 0.839 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. -0.008 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:266 Resp: 2016

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.2	75.2
268	65.3	48.4	72.6



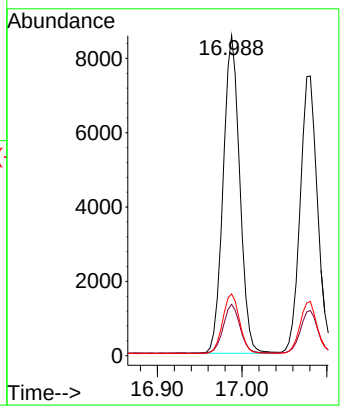


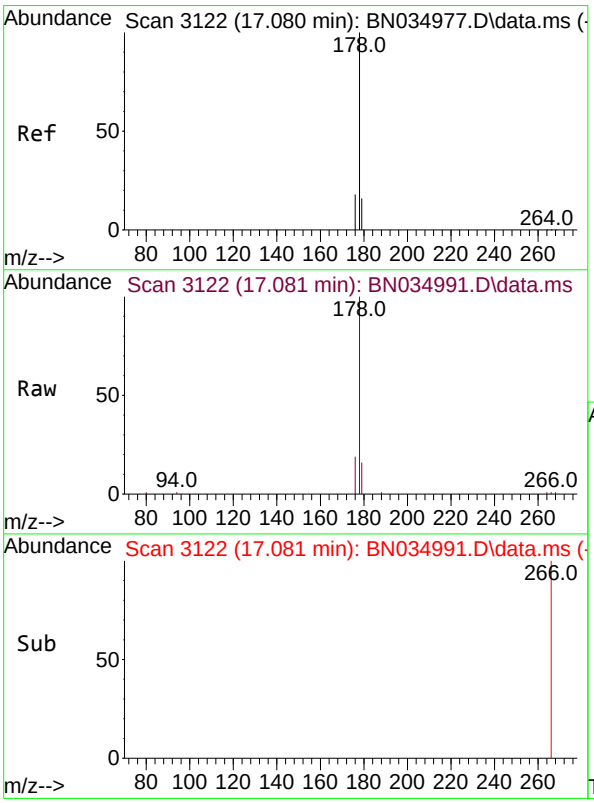
#15
Phenanthrene
Concen: 0.419 ng/ul
RT: 16.988 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:178 Resp: 11642

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.2
176	19.3	15.8	23.6

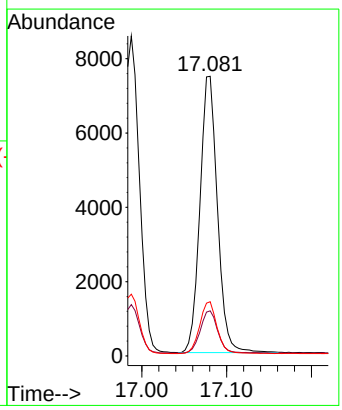


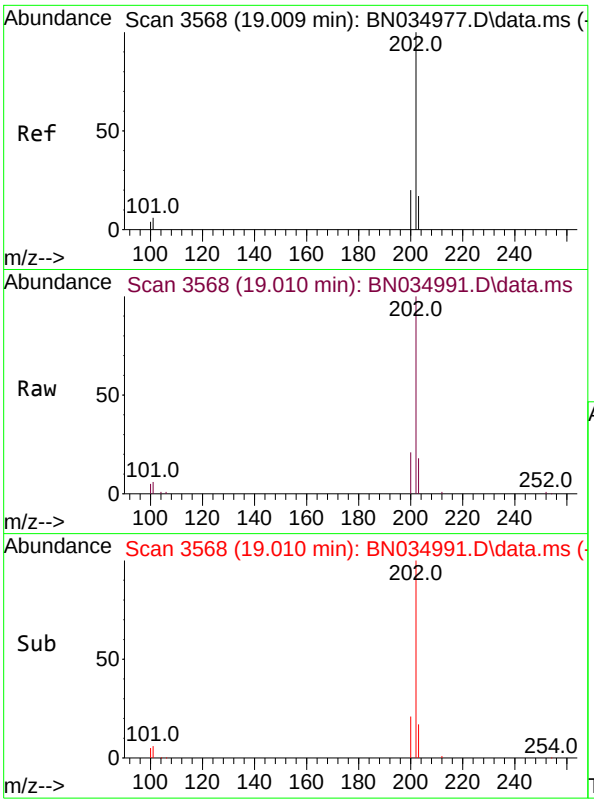


#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.081 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:178 Resp: 10673

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.3	19.9
176	19.4	15.8	23.8



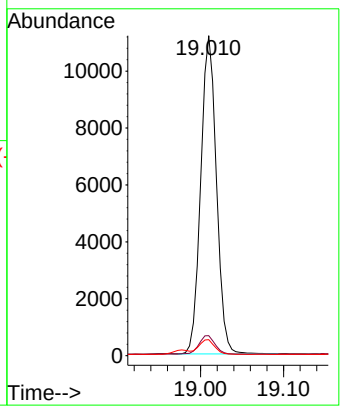


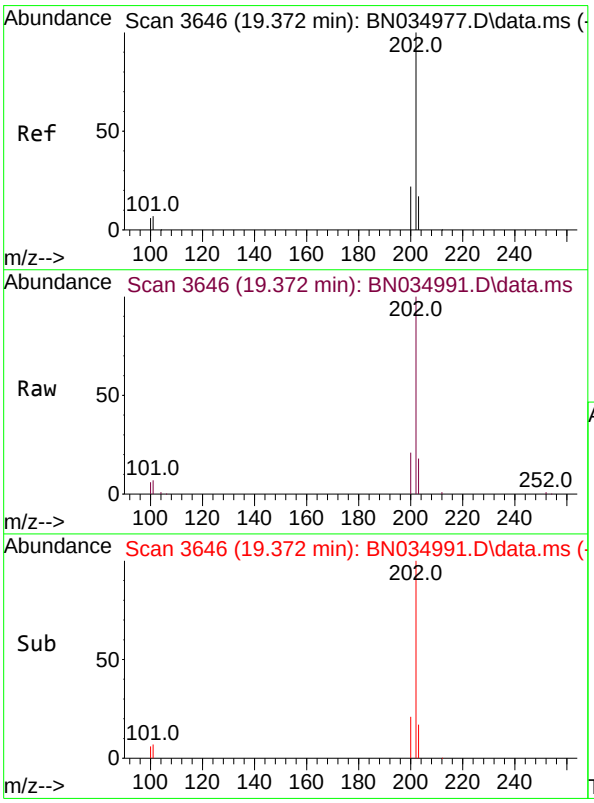
#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.010 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:202 Resp: 14724

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.2	6.2#
100	5.0	3.2	4.8#

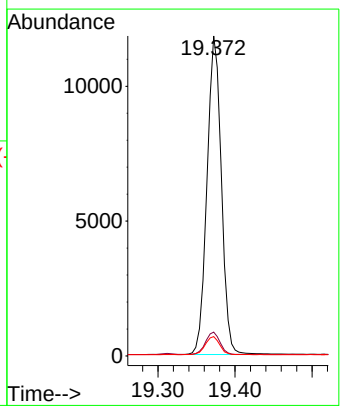


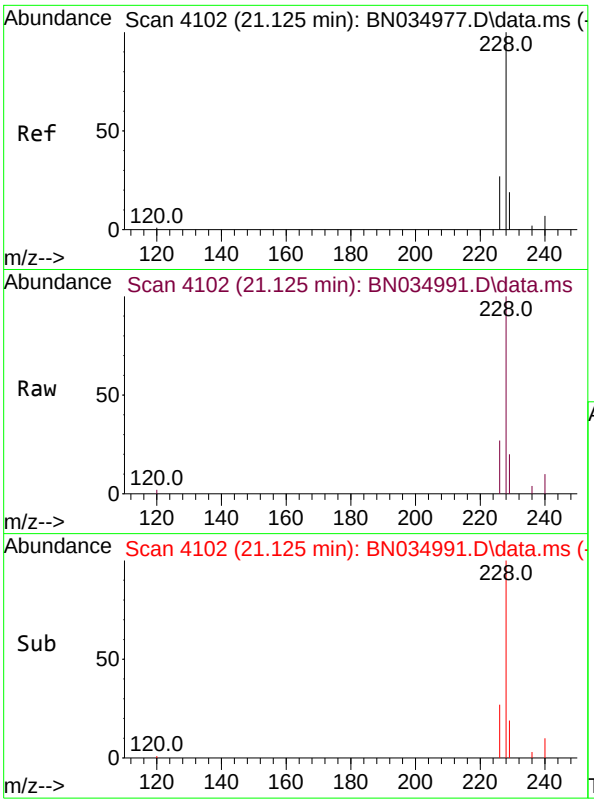


#20
Pyrene
Concen: 0.428 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:202 Resp: 15306

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.0	7.4#
100	6.1	4.1	6.1





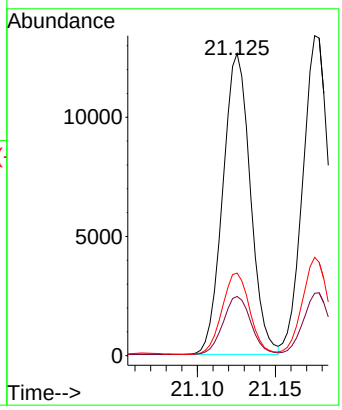
#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.125 min Scan# 4

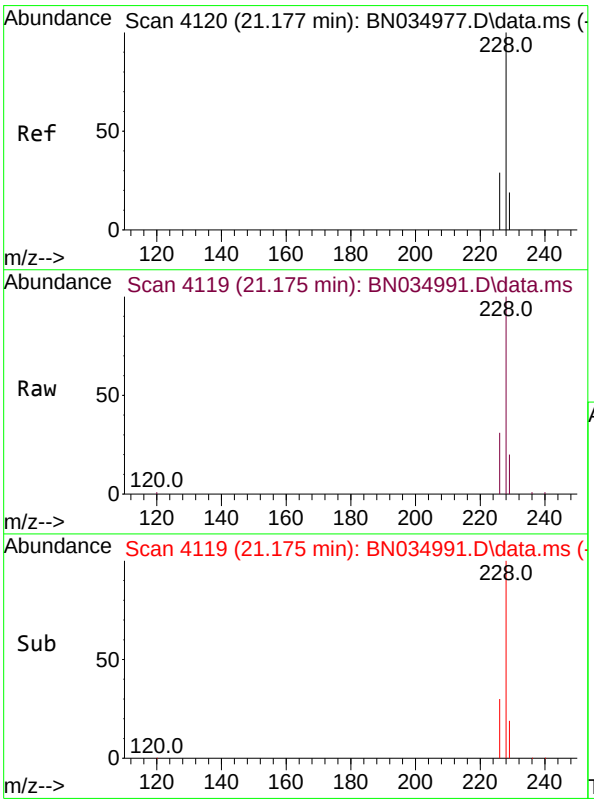
Instrument :
BNA_N
ClientSampleId :
SLCS814

Delta R.T. -0.005 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:228 Resp: 15494

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	27.3	22.2	33.2

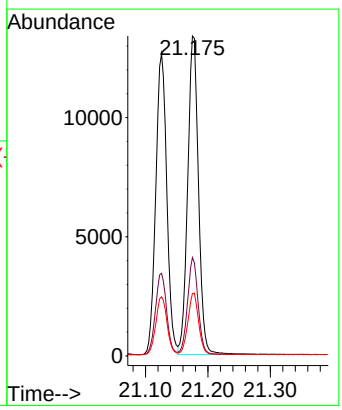


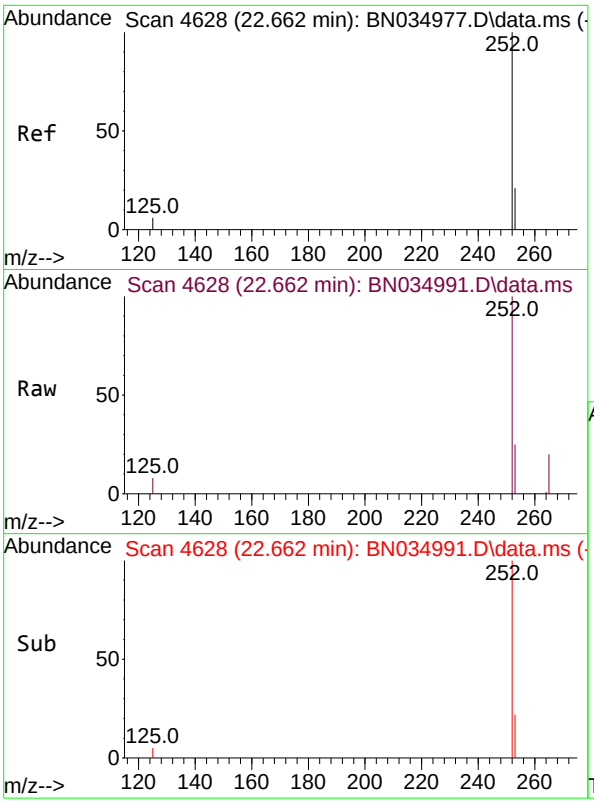


#22
Chrysene
Concen: 0.421 ng/ul
RT: 21.175 min Scan# 4119
Delta R.T. -0.008 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:228 Resp: 16043

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	19.5	15.4	23.2



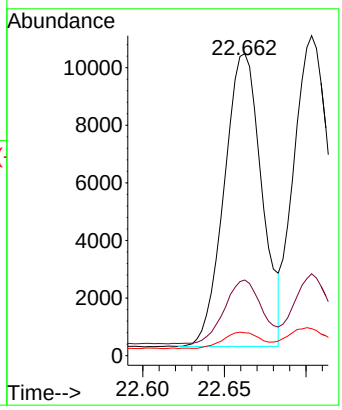


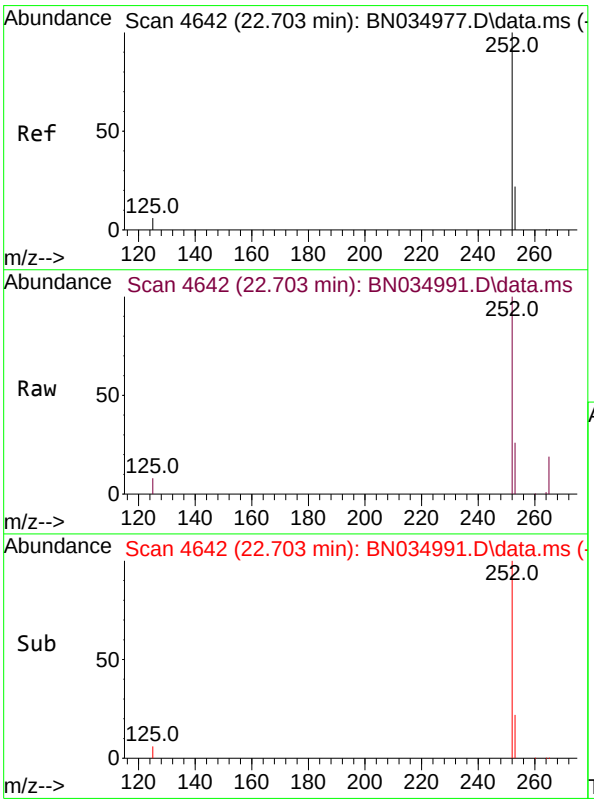
#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 22.662 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:252 Resp: 16263

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	50.0
125	7.6	0.0	14.0

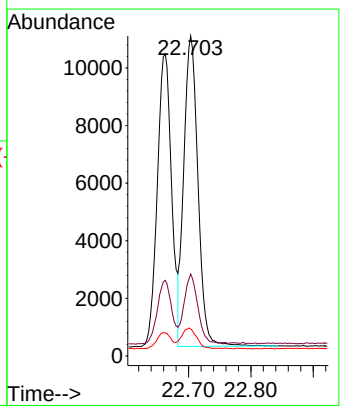


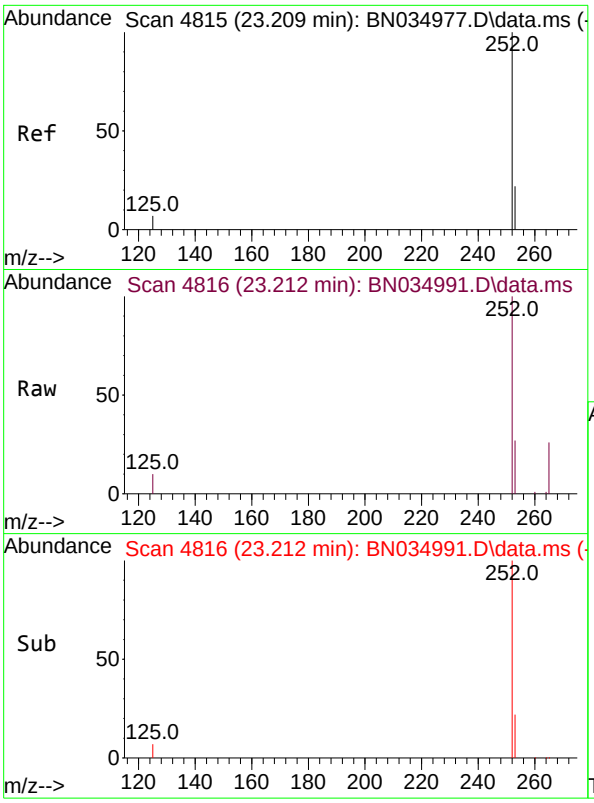


#25
Benzo(k)fluoranthene
Concen: 0.416 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.008 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:252 Resp: 17004

Ion	Ratio	Lower	Upper
252	100		
253	25.6	20.2	30.4
125	8.5	5.8	8.8



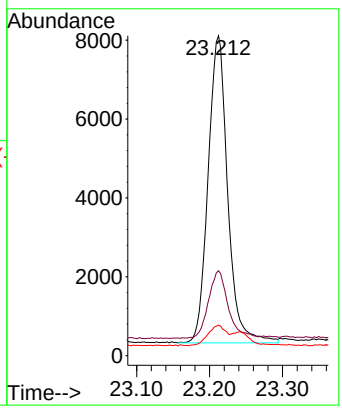


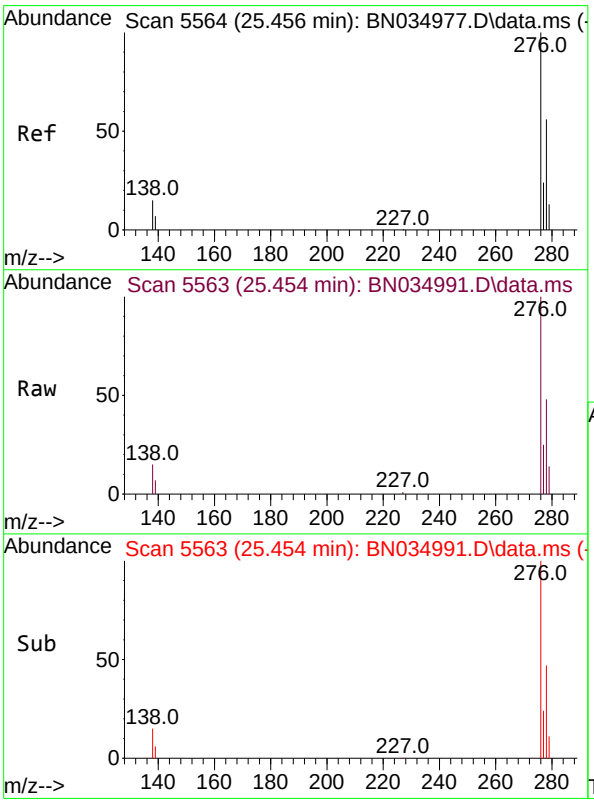
#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.212 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:252 Resp: 14529

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.2	31.8
125	9.6	6.3	9.5#

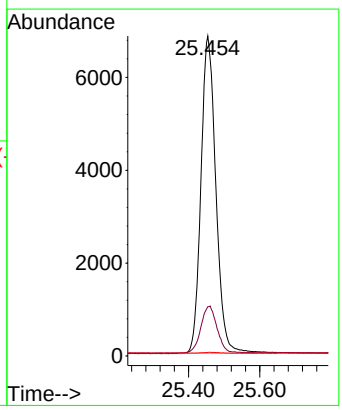


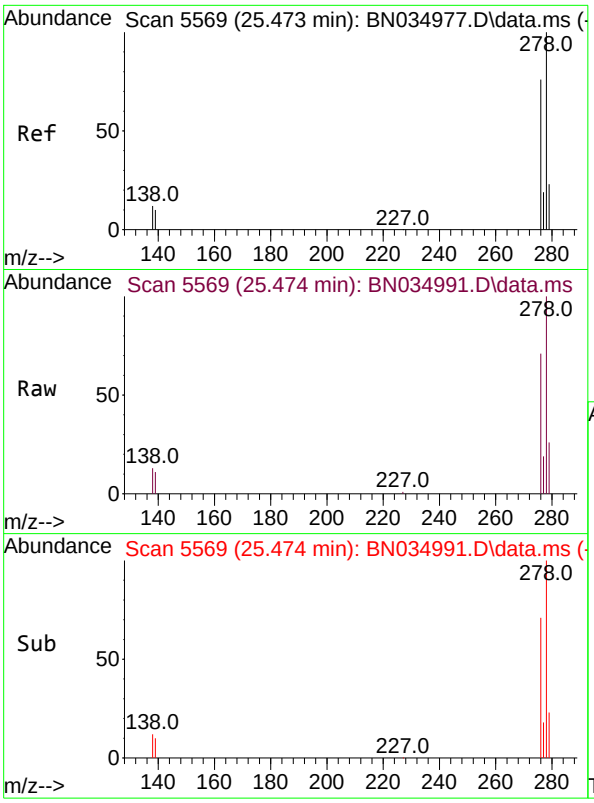


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.468 ng/ul
RT: 25.454 min Scan# 5563
Delta R.T. -0.016 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:276 Resp: 19984

Ion	Ratio	Lower	Upper
276	100		
138	16.0	10.8	16.2
227	0.4	0.2	0.4



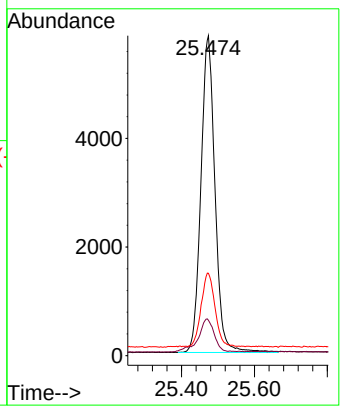


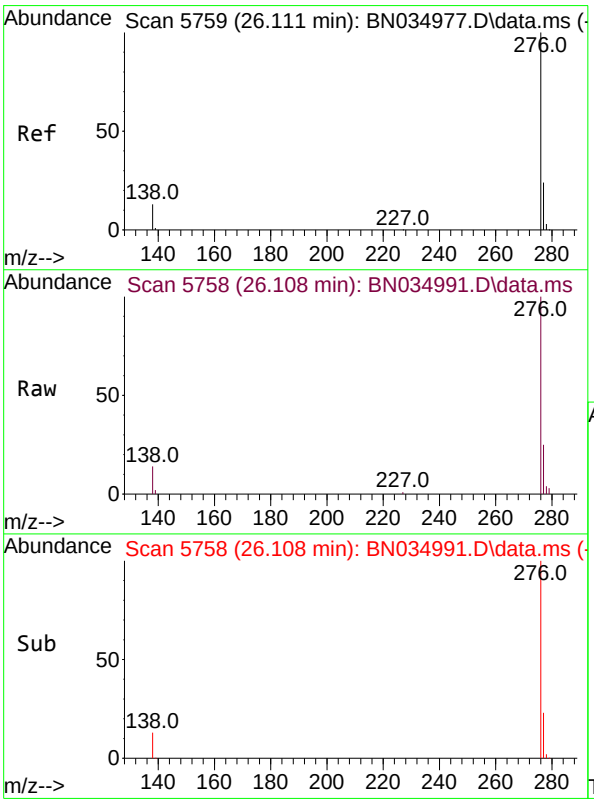
#28
Dibenzo(a,h)anthracene
Concen: 0.470 ng/ul
RT: 25.474 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Instrument :
BNA_N
ClientSampleId :
SLCS814

Tgt Ion:278 Resp: 15623

Ion	Ratio	Lower	Upper
278	100		
139	11.1	8.4	12.6
279	25.7	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.475 ng/ul
RT: 26.108 min Scan# 5758
Delta R.T. -0.019 min
Lab File: BN034991.D
Acq: 10 Nov 2024 22:17

Tgt Ion:276 Resp: 15487

Ion	Ratio	Lower	Upper
276	100		
138	14.4	10.3	15.5
277	24.7	20.2	30.2