Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035265.D
Acq On : 23 Nov 2024 05:47
Operator : RC/JU
Sample : PB165115BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS115

Quant Time: Nov 23 06:10:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

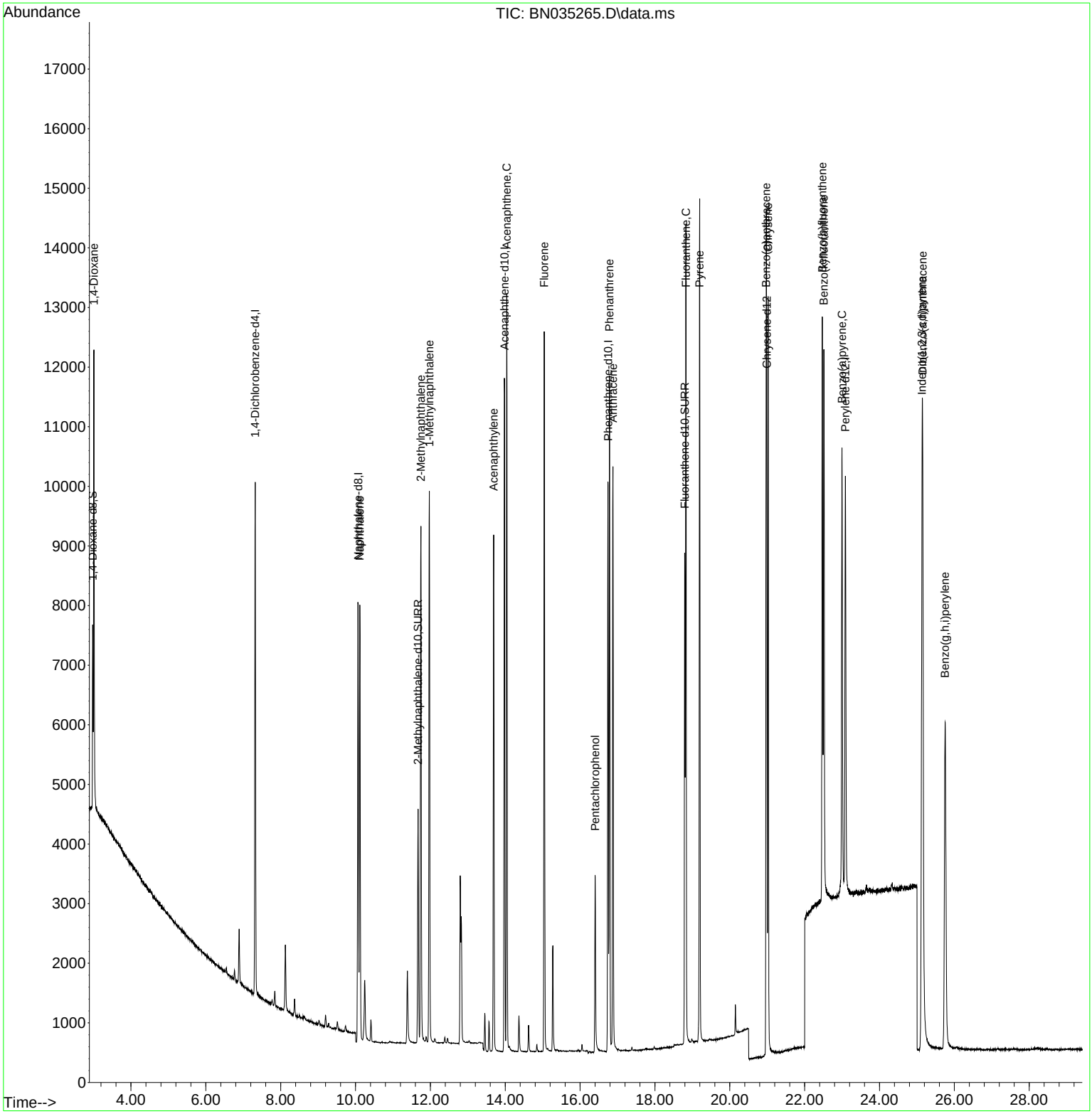
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	4100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	10422	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.981	164	5912	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	11370	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.988	240	7713	0.400	ng/ul	# 0.00
23) Perylene-d12	23.089	264	8574	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	1943	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	5301	0.347	ng/ul	0.00
18) Fluoranthene-d10	18.795	212	9233	0.434	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.010	88	5357	1.317	ng/ul#	87
5) Naphthalene	10.113	128	9501	0.362	ng/ul	99
7) 2-Methylnaphthalene	11.747	142	6282	0.345	ng/ul	98
8) 1-Methylnaphthalene	11.972	142	6363	0.346	ng/ul	99
10) Acenaphthylene	13.690	152	9502	0.405	ng/ul	99
11) Acenaphthene	14.041	153	6886	0.384	ng/ul	98
12) Fluorene	15.041	166	7527	0.357	ng/ul	98
14) Pentachlorophenol	16.401	266	2048	0.773	ng/ul	98
15) Phenanthrene	16.785	178	11330	0.377	ng/ul	99
16) Anthracene	16.878	178	10171	0.365	ng/ul	99
19) Fluoranthene	18.828	202	11622	0.433	ng/ul#	95
20) Pyrene	19.195	202	11701	0.419	ng/ul#	91
21) Benzo(a)anthracene	20.973	228	10411	0.389	ng/ul	99
22) Chrysene	21.023	228	10806	0.401	ng/ul	99
24) Benzo(b)fluoranthene	22.472	252	11198	0.395	ng/ul	95
25) Benzo(k)fluoranthene	22.513	252	11747	0.402	ng/ul#	94
26) Benzo(a)pyrene	22.998	252	10195	0.394	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.138	276	14332	0.410	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.151	278	10581	0.386	ng/ul#	92
29) Benzo(g,h,i)perylene	25.752	276	11119	0.403	ng/ul#	92

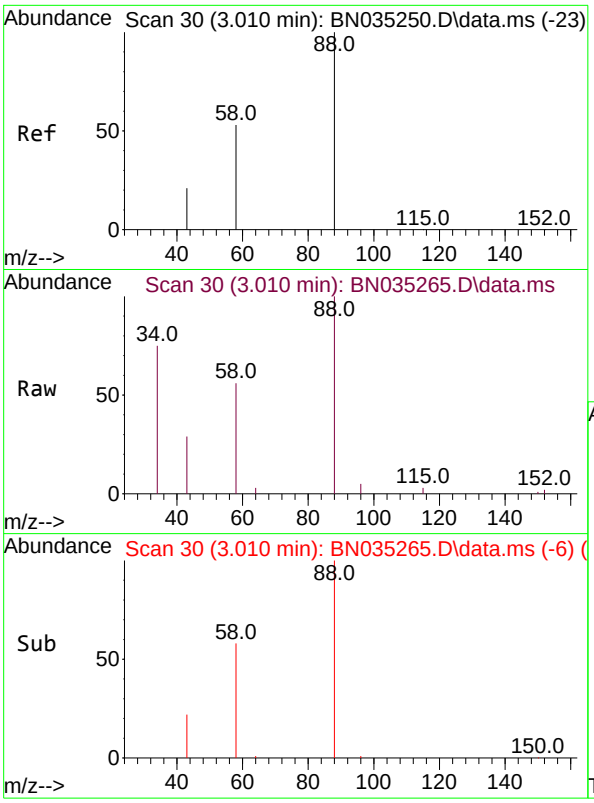
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035265.D
Acq On : 23 Nov 2024 05:47
Operator : RC/JU
Sample : PB165115BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS115

Quant Time: Nov 23 06:10:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration



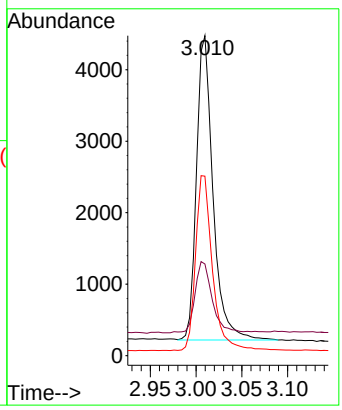


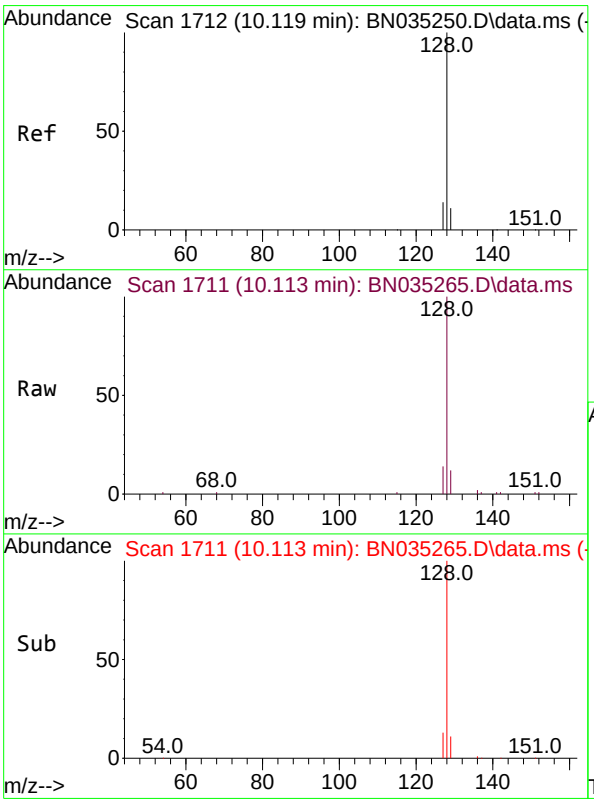
#2
1,4-Dioxane
Concen: 1.317 ng/ul
RT: 3.010 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion: 88 Resp: 5357

Ion	Ratio	Lower	Upper
88	100		
43	28.6	20.6	31.0
58	56.1	36.2	54.4#

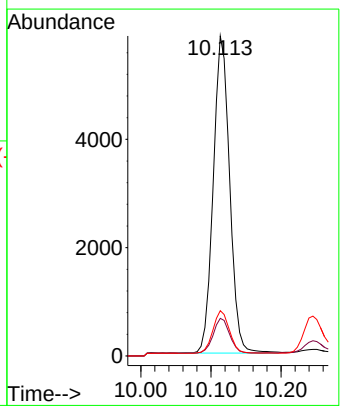


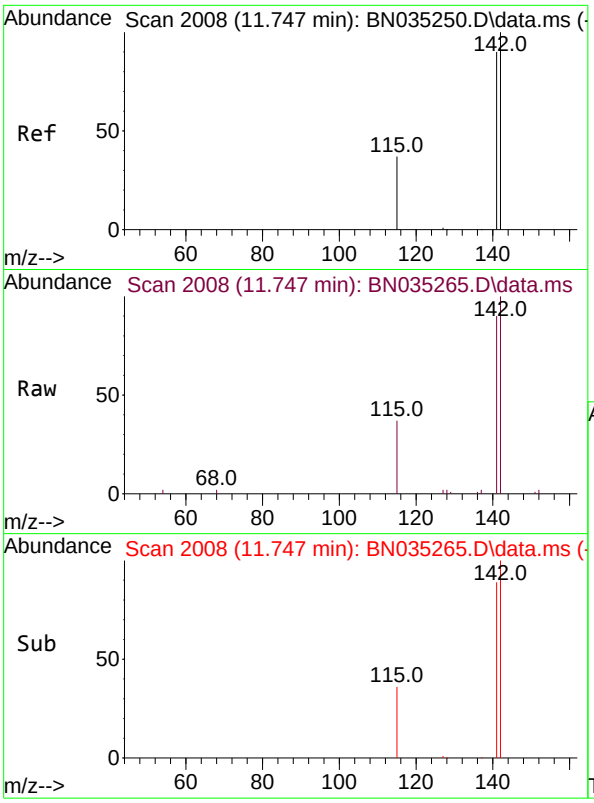


#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.113 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:128 Resp: 9501

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.9	14.9
127	14.1	11.4	17.2



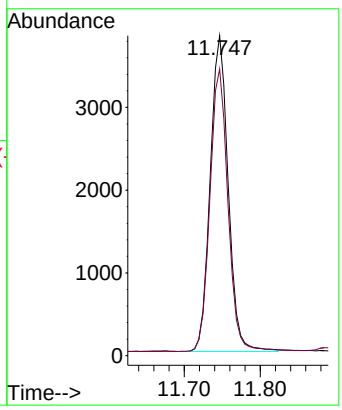


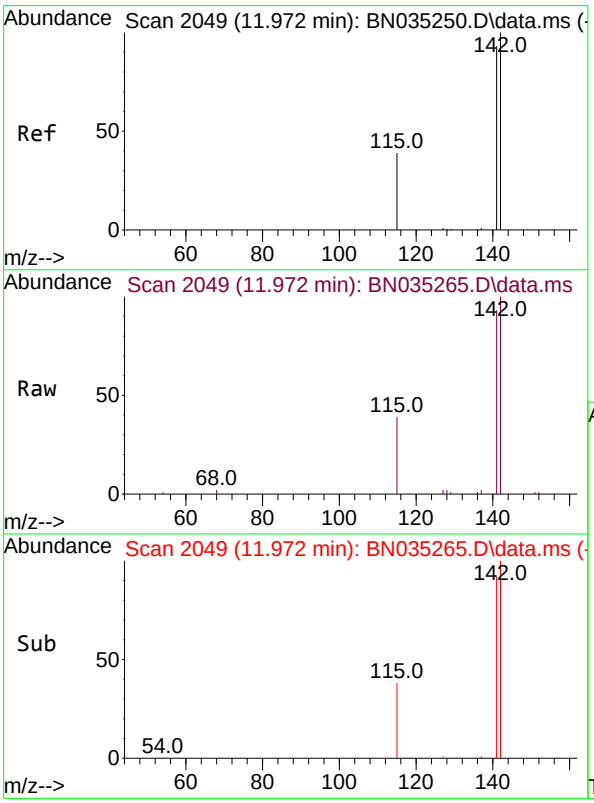
#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 11.747 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:142 Resp: 6282

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.4	105.6

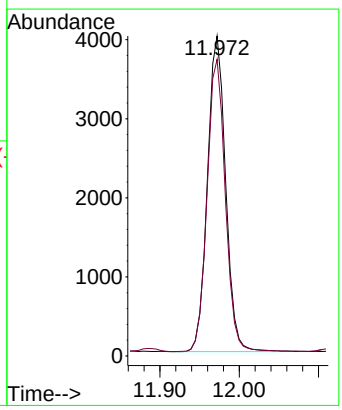


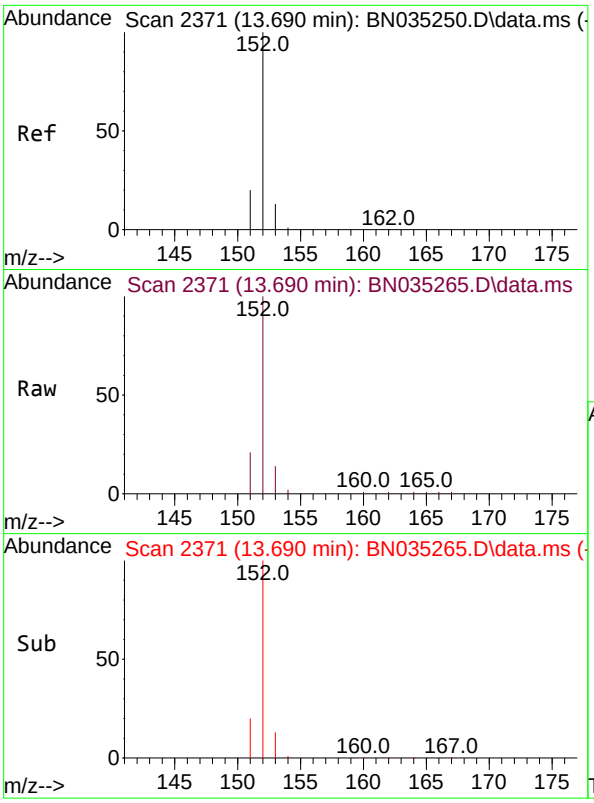


#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:142 Resp: 6363

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.1	109.7



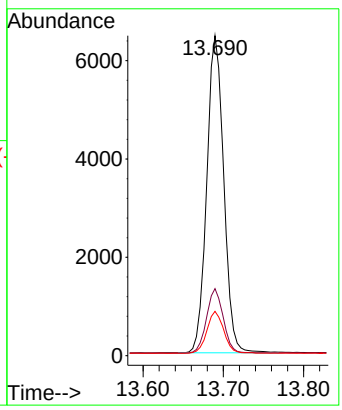


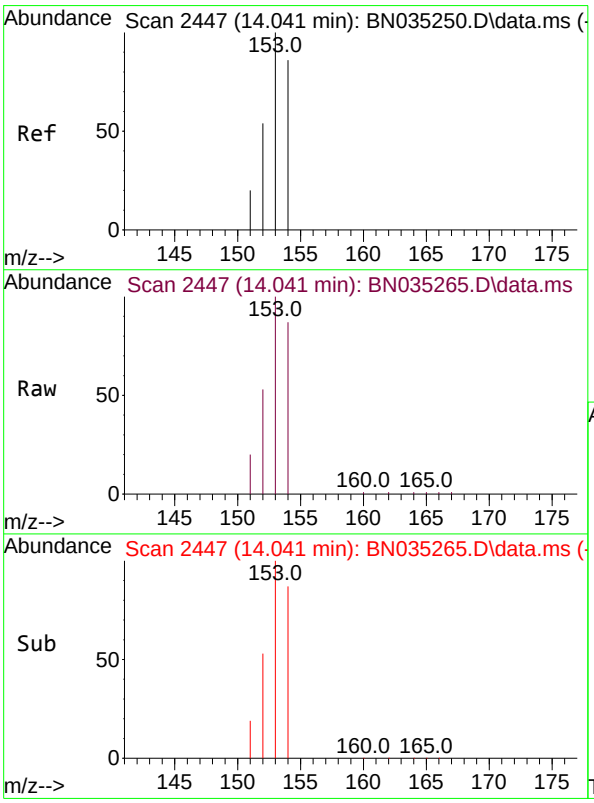
#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 13.690 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:152 Resp: 9502

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6
153	13.9	11.1	16.7

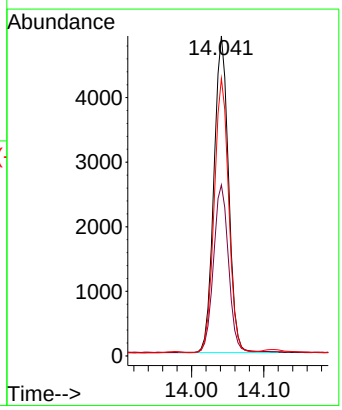


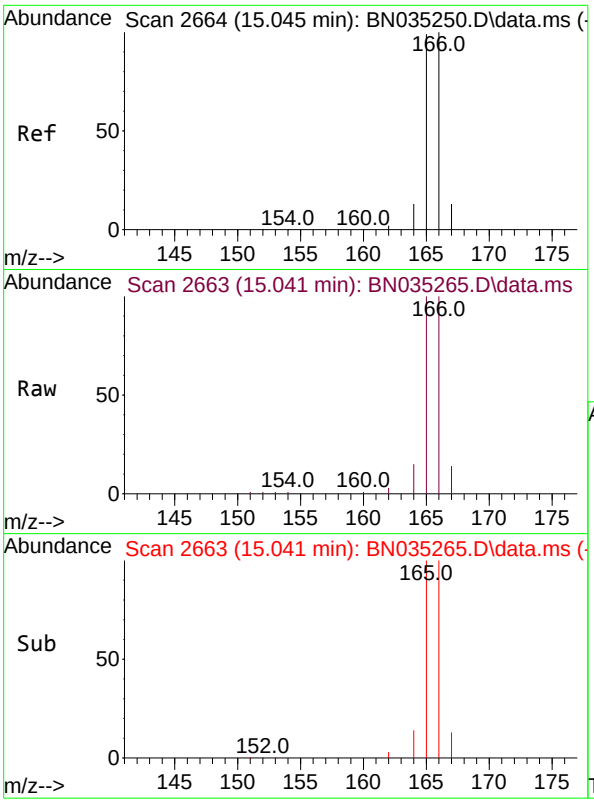


#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.041 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:153 Resp: 6886

Ion	Ratio	Lower	Upper
153	100		
152	53.5	41.4	62.0
154	86.7	71.2	106.8



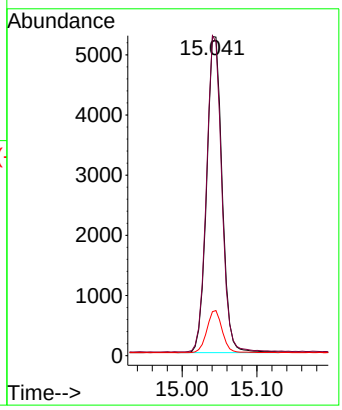


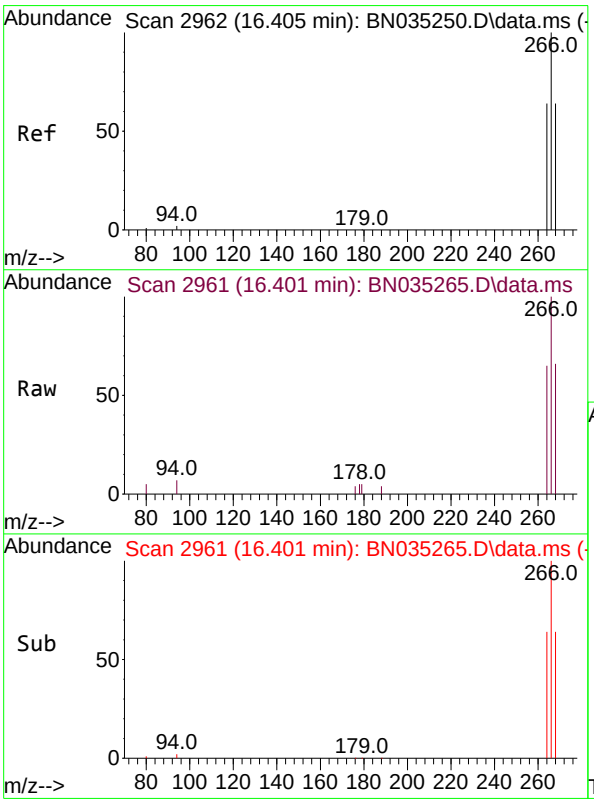
#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.041 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:166 Resp: 7527

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.6	118.0
167	13.8	11.8	17.6

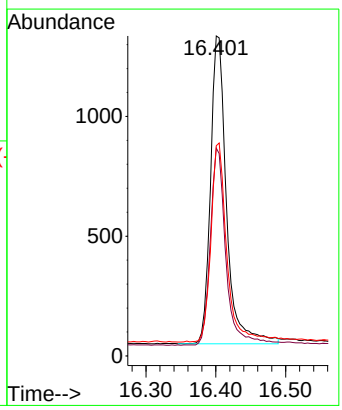


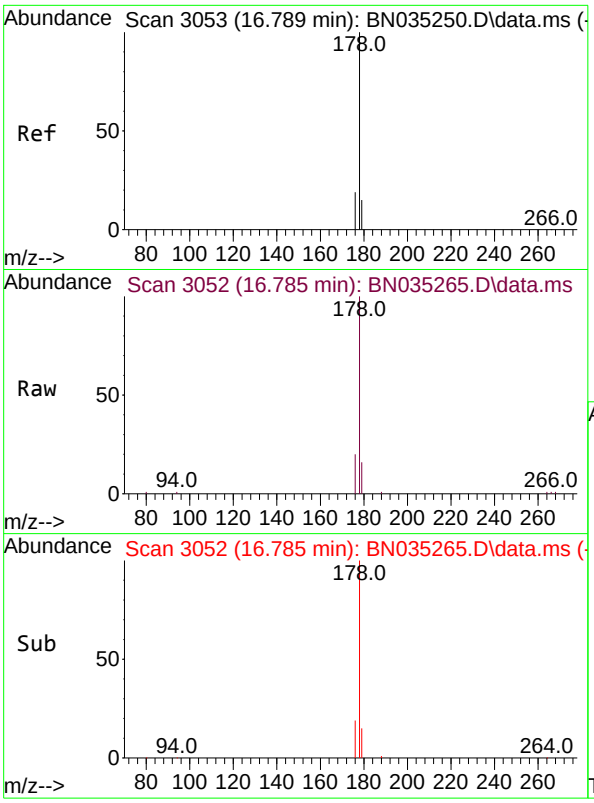


#14
Pentachlorophenol
Concen: 0.773 ng/ul
RT: 16.401 min Scan# 2961
Delta R.T. -0.004 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:266 Resp: 2048

Ion	Ratio	Lower	Upper
266	100		
264	62.0	51.8	77.6
268	64.1	51.3	76.9



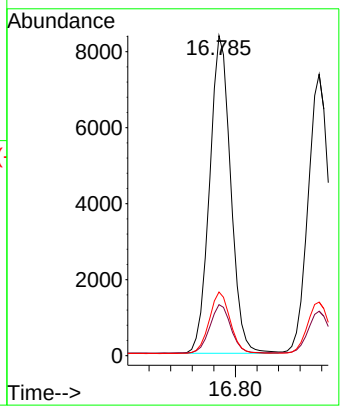


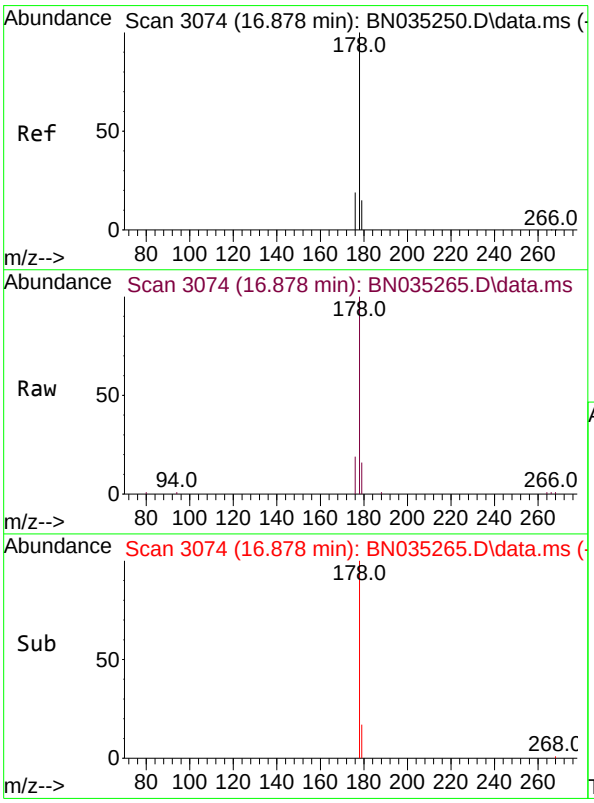
#15
Phenanthrene
Concen: 0.377 ng/ul
RT: 16.785 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:178 Resp: 11330

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.9	15.6	23.4

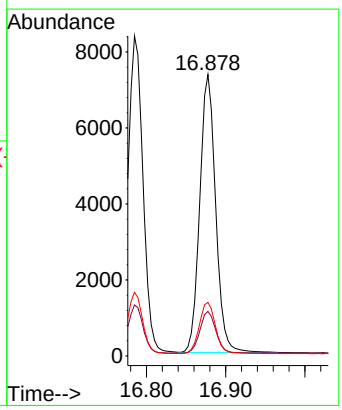


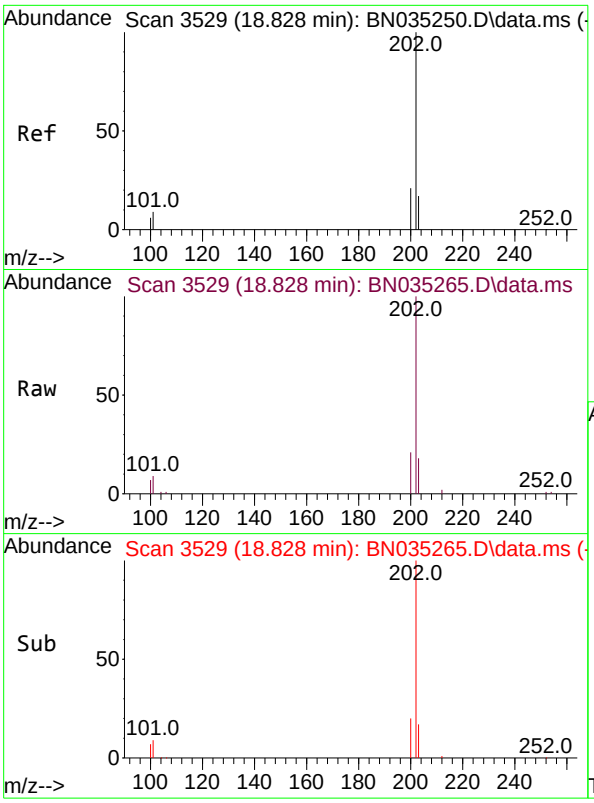


#16
Anthracene
Concen: 0.365 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:178 Resp: 10171

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.0	15.4	23.2



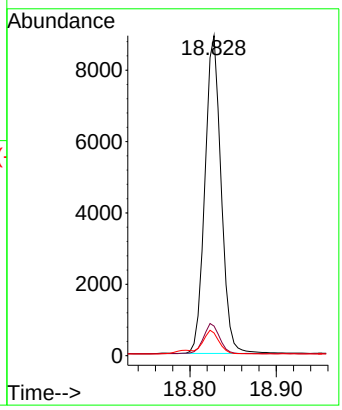


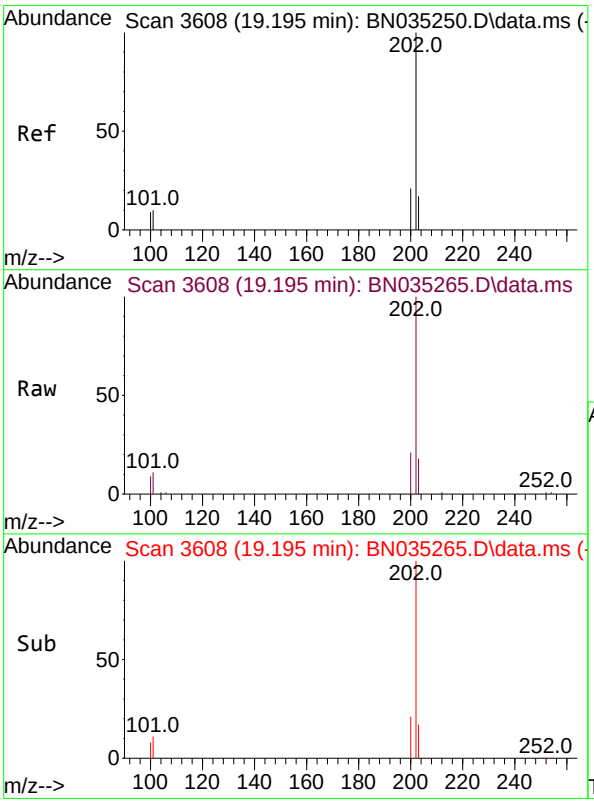
#19
Fluoranthene
Concen: 0.433 ng/ul
RT: 18.828 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:202 Resp: 11622

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.8	8.6#
100	7.1	4.5	6.7#

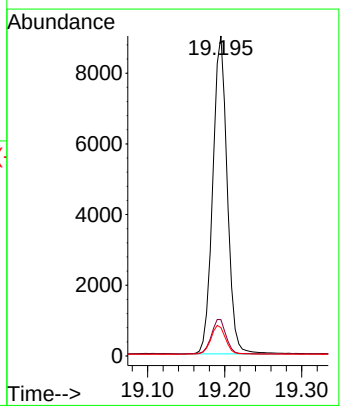


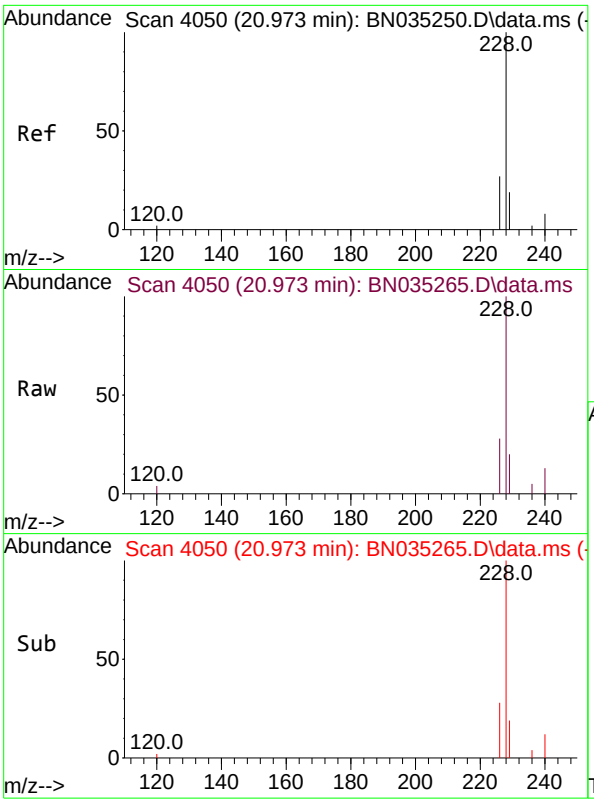


#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.195 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:202 Resp: 11701

Ion	Ratio	Lower	Upper
202	100		
101	11.3	6.2	9.4#
100	8.9	5.1	7.7#



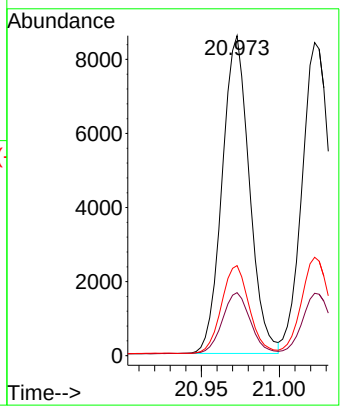


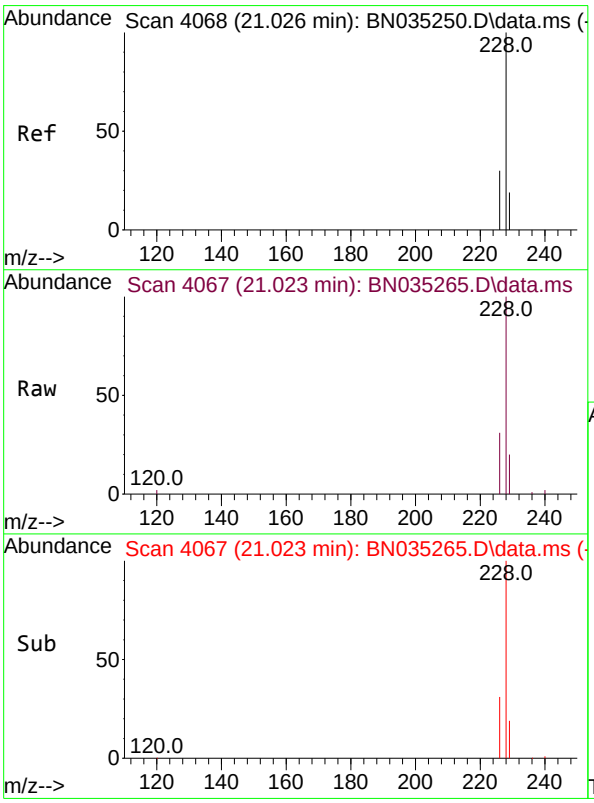
#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 20.973 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:228 Resp: 10411

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	28.1	21.8	32.8

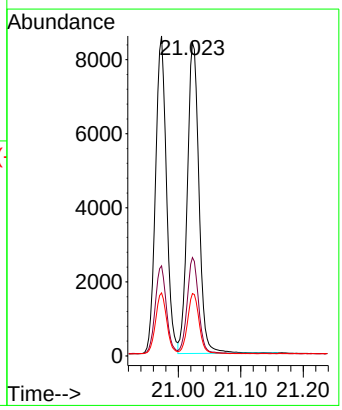


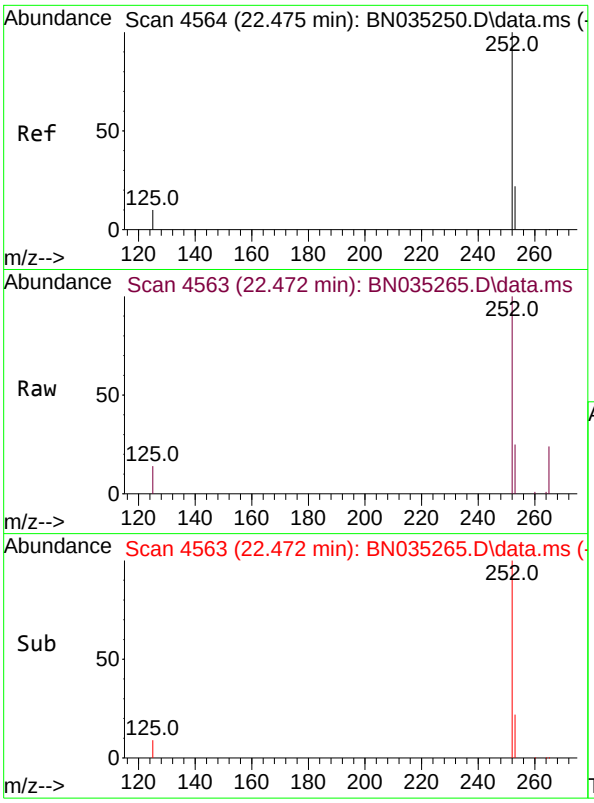


#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.023 min Scan# 4067
Delta R.T. -0.006 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:228 Resp: 10806

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.7	37.1
229	19.9	16.0	24.0



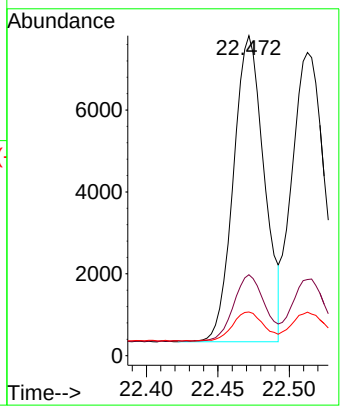


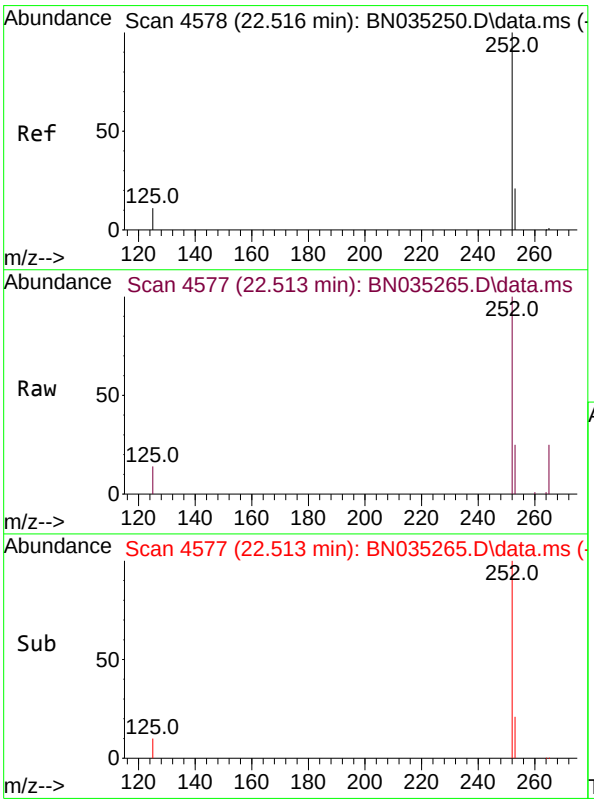
#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 22.472 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:252 Resp: 11198

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	54.0
125	13.7	0.0	19.4

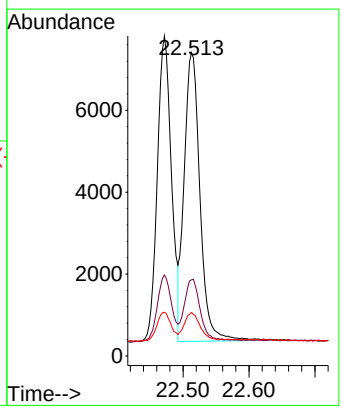


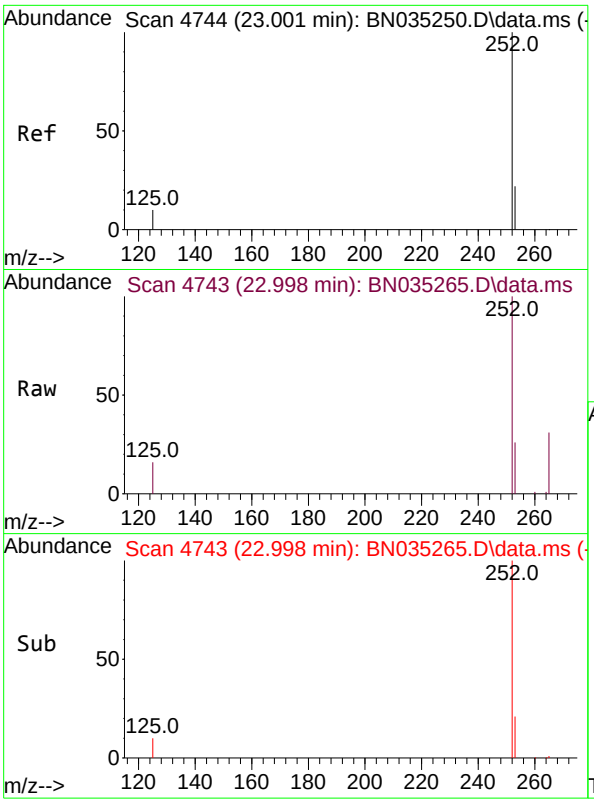


#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 22.513 min Scan# 4577
Delta R.T. -0.009 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:252 Resp: 11747

Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.8	32.6
125	14.4	8.6	12.8#



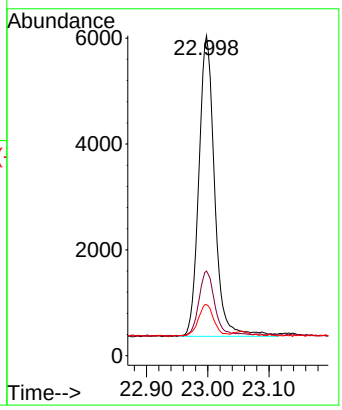


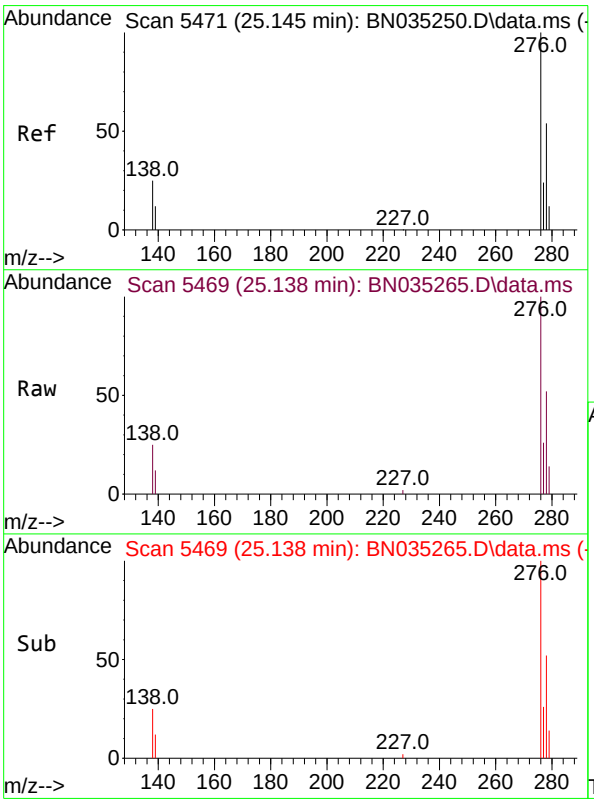
#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 22.998 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:252 Resp: 10195

Ion	Ratio	Lower	Upper
252	100		
253	26.5	22.9	34.3
125	15.9	9.4	14.2#

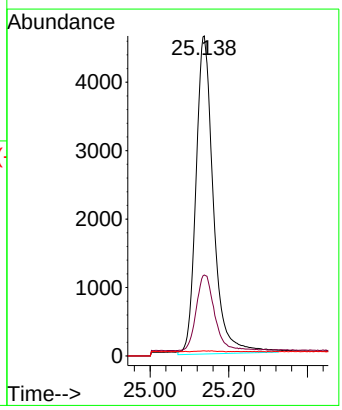


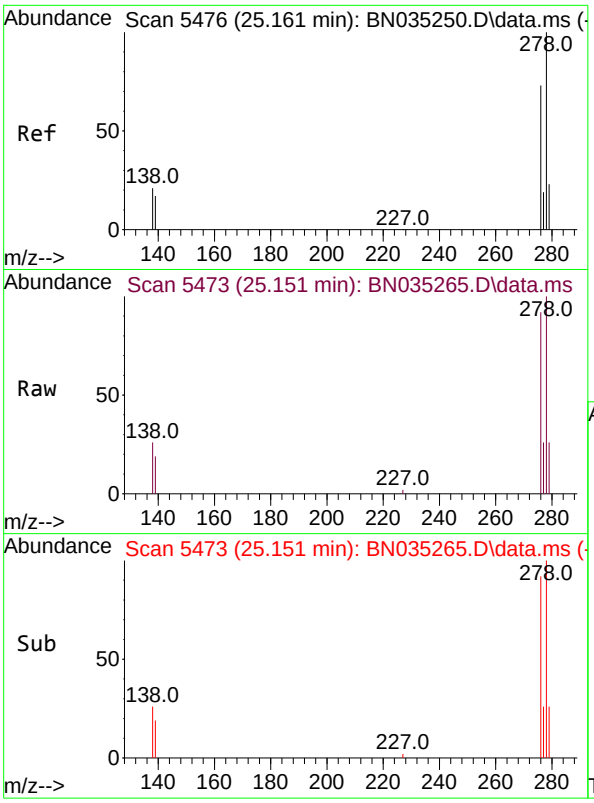


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 25.138 min Scan# 5469
Delta R.T. -0.013 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:276 Resp: 14332

Ion	Ratio	Lower	Upper
276	100		
138	24.3	13.8	20.8#
227	8.9	0.2	0.4#



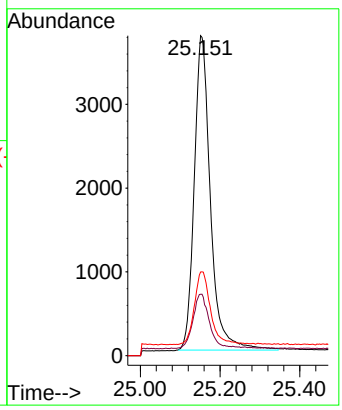


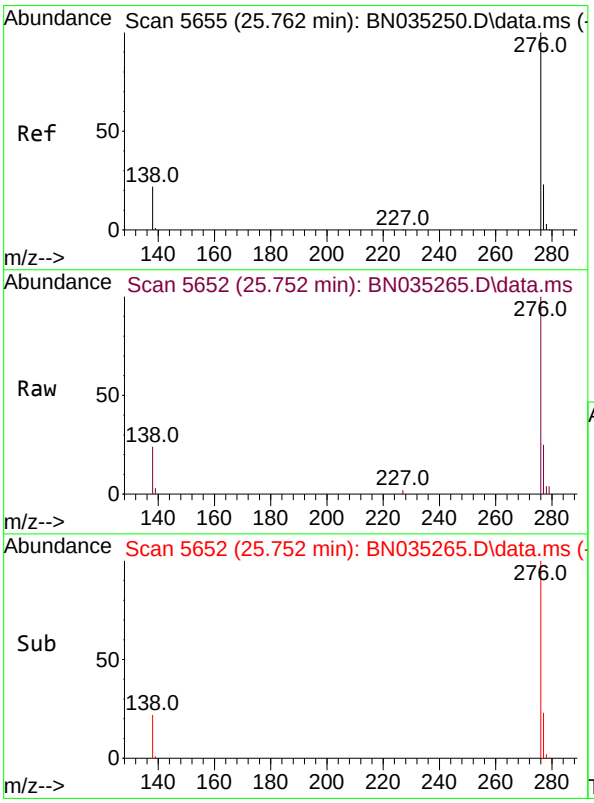
#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 25.151 min Scan# 5
Delta R.T. -0.020 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Instrument :
BNA_N
ClientSampleId :
SLCS115

Tgt Ion:278 Resp: 10581

Ion	Ratio	Lower	Upper
278	100		
139	19.2	10.7	16.1#
279	26.1	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 25.752 min Scan# 5652
Delta R.T. -0.024 min
Lab File: BN035265.D
Acq: 23 Nov 2024 05:47

Tgt Ion:276 Resp: 11119

Ion	Ratio	Lower	Upper
276	100		
138	23.7	13.0	19.6#
277	24.5	20.5	30.7