Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011425\
Data File : BN035923.D
Acq On : 14 Jan 2025 11:47
Operator : RC/JU
Sample : PB166011BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS011

Quant Time: Jan 14 12:21:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 10:40:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	941	0.400	ng/ul	0.00
4) Naphthalene-d8	10.621	136	1764	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.464	164	869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	1681	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	1393	0.400	ng/ul	0.00
23) Perylene-d12	23.675	264	1575	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	699	0.737	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	804	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	1432	0.388	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	1738	1.682	ng/ul#	84
5) Naphthalene	10.671	128	1637	0.349	ng/ul	97
7) 2-Methylnaphthalene	12.288	142	1006	0.337	ng/ul	98
8) 1-Methylnaphthalene	12.508	142	1014	0.337	ng/ul	98
10) Acenaphthylene	14.181	152	1425	0.350	ng/ul	96
11) Acenaphthene	14.524	153	1013	0.357	ng/ul	97
12) Fluorene	15.509	166	1101	0.362	ng/ul	99
14) Pentachlorophenol	16.849	266	439	1.089	ng/ul	97
15) Phenanthrene	17.246	178	1660	0.358	ng/ul	96
16) Anthracene	17.334	178	1582	0.353	ng/ul	97
19) Fluoranthene	19.257	202	1819	0.375	ng/ul	99
20) Pyrene	19.619	202	1899	0.376	ng/ul	98
21) Benzo(a)anthracene	21.363	228	1705	0.358	ng/ul	95
22) Chrysene	21.412	228	1760	0.372	ng/ul	97
24) Benzo(b)fluoranthene	22.982	252	1830	0.386	ng/ul	95
25) Benzo(k)fluoranthene	23.029	252	1824	0.375	ng/ul	93
26) Benzo(a)pyrene	23.575	252	1654	0.371	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.025	276	2190	0.379	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.045	278	1721	0.379	ng/ul	94
29) Benzo(g,h,i)perylene	26.739	276	1741	0.380	ng/ul	95

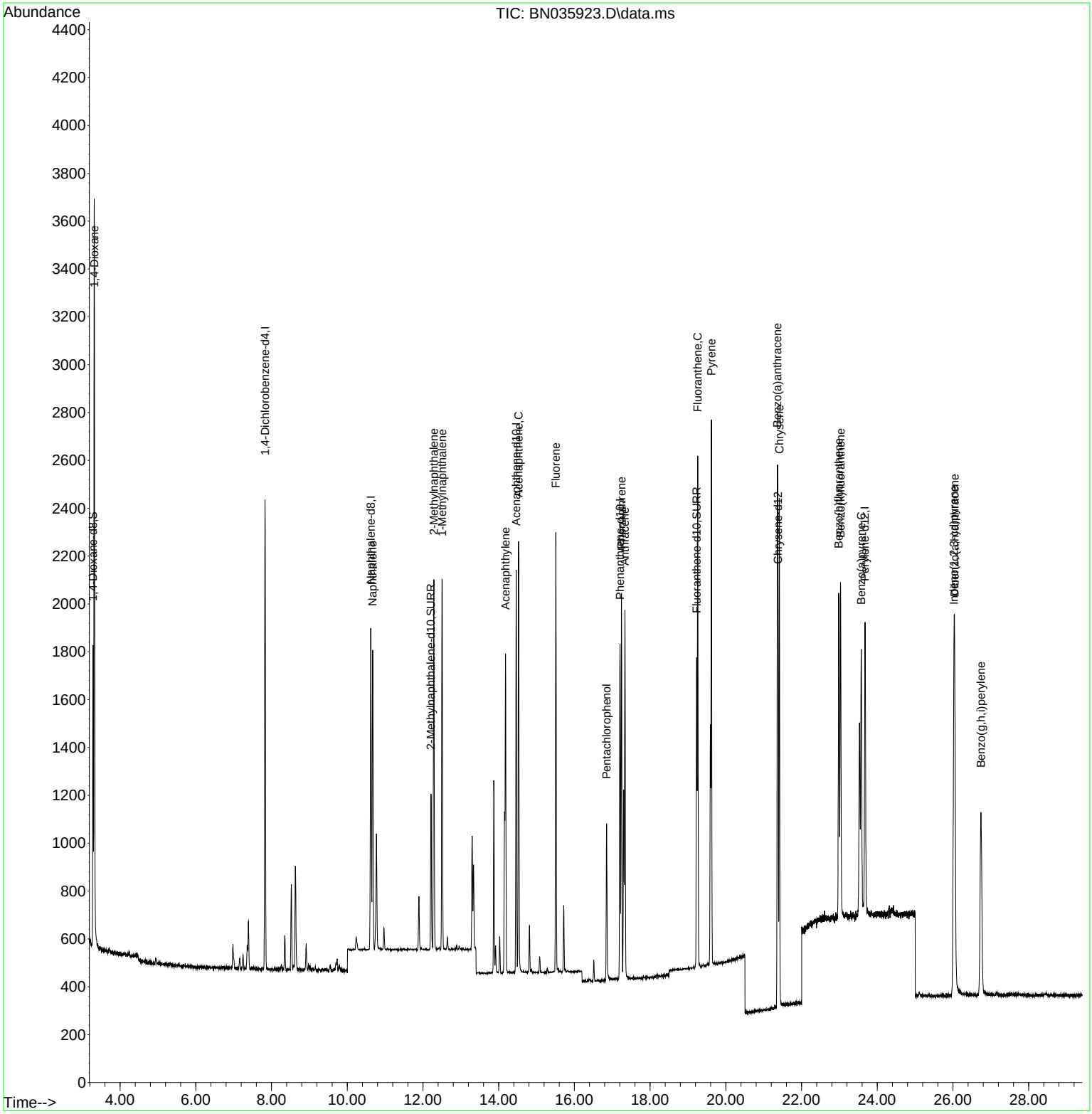
(#) = qualifier out of range (m) = manual integration (+) = signals summed

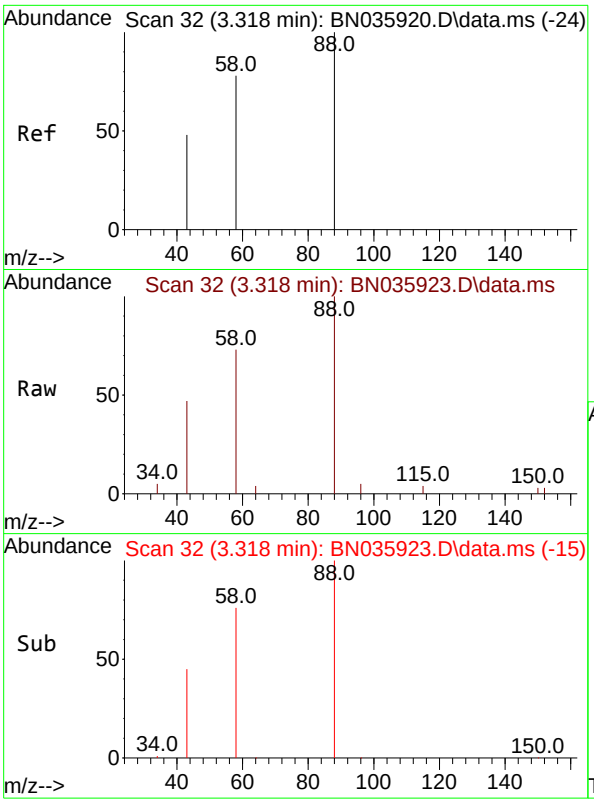
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011425\
Data File : BN035923.D
Acq On : 14 Jan 2025 11:47
Operator : RC/JU
Sample : PB166011BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS011

Quant Time: Jan 14 12:21:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 10:40:45 2025
Response via : Initial Calibration



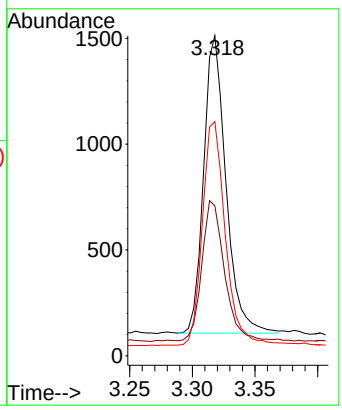


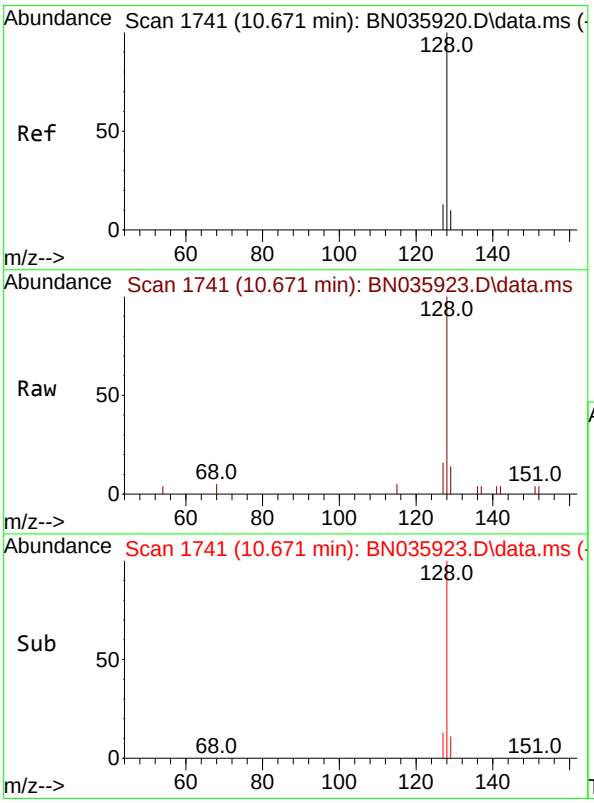
#2
1,4-Dioxane
Concen: 1.682 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion: 88 Resp: 1738

Ion	Ratio	Lower	Upper
88	100		
43	46.9	57.8	86.8#
58	73.2	60.0	90.0

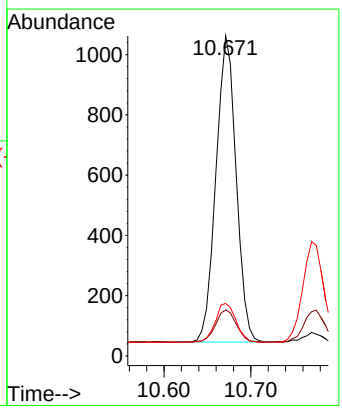


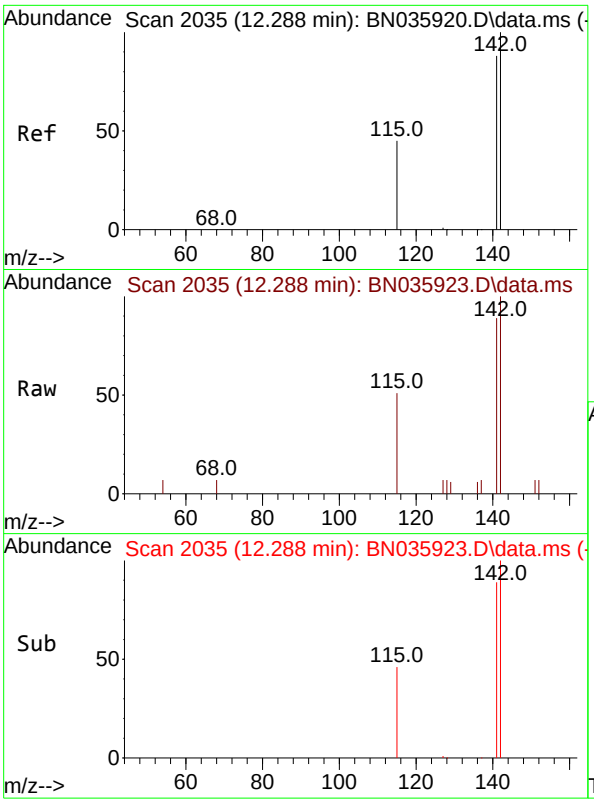


#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.671 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:128 Resp: 1637

Ion	Ratio	Lower	Upper
128	100		
129	14.4	10.6	16.0
127	16.4	12.0	18.0



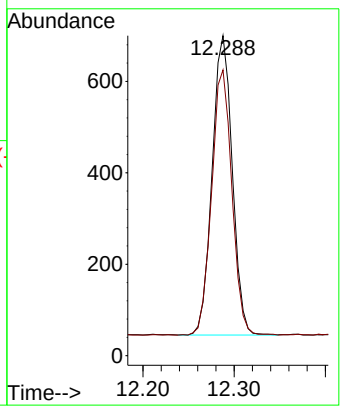


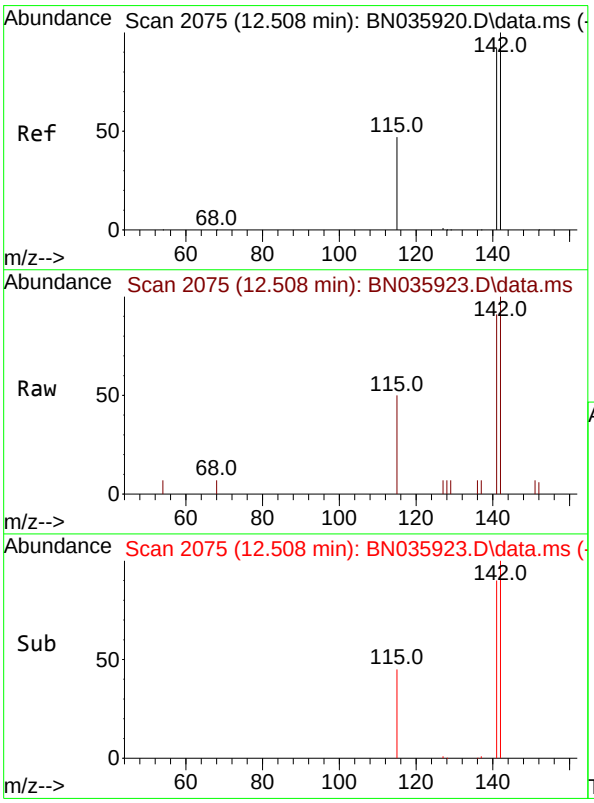
#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.288 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:142 Resp: 1006

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	109.0

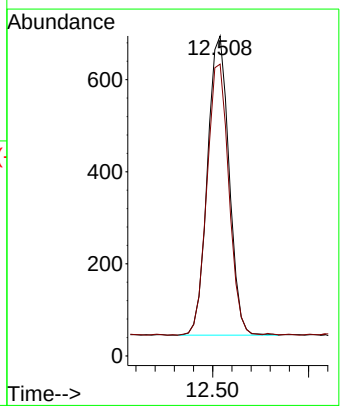


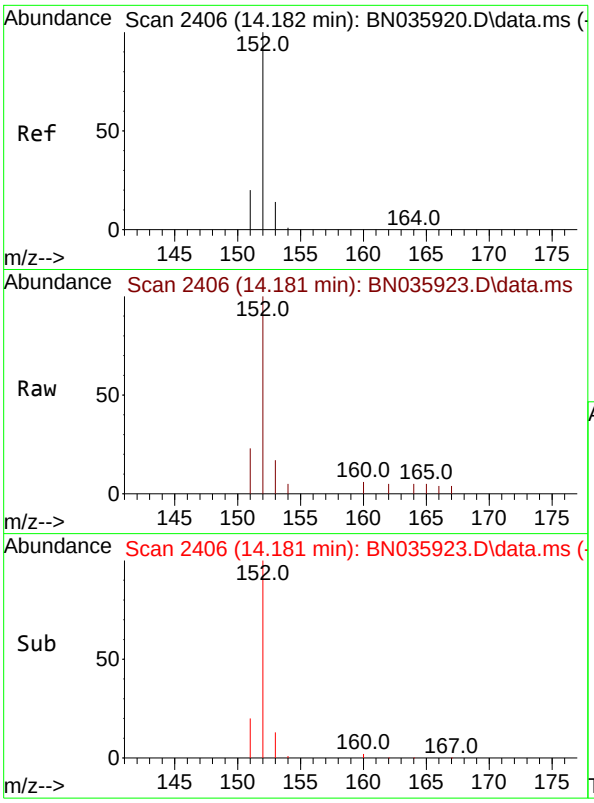


#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.508 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:142 Resp: 1014

Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.1	112.7



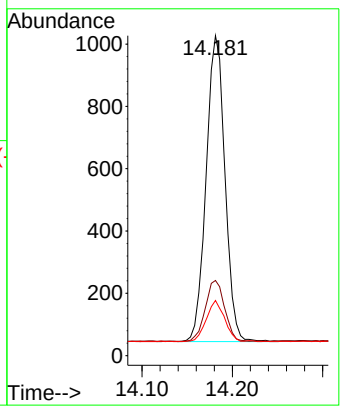


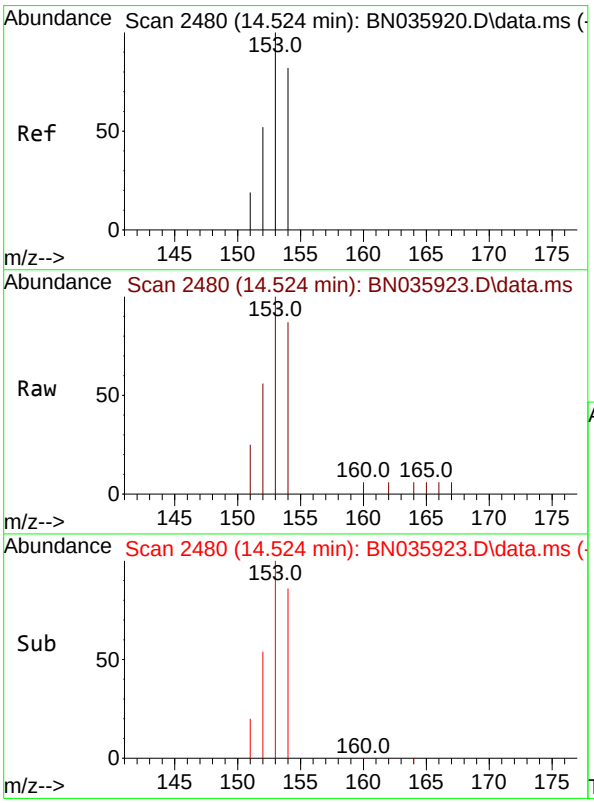
#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.181 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:152 Resp: 1425

Ion	Ratio	Lower	Upper
152	100		
151	23.5	17.8	26.6
153	17.2	11.9	17.9

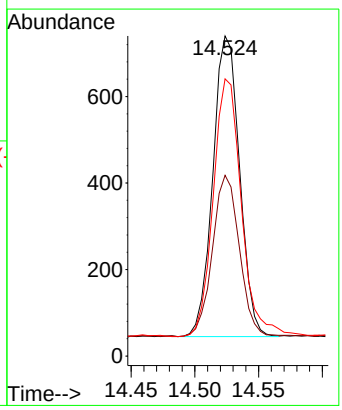


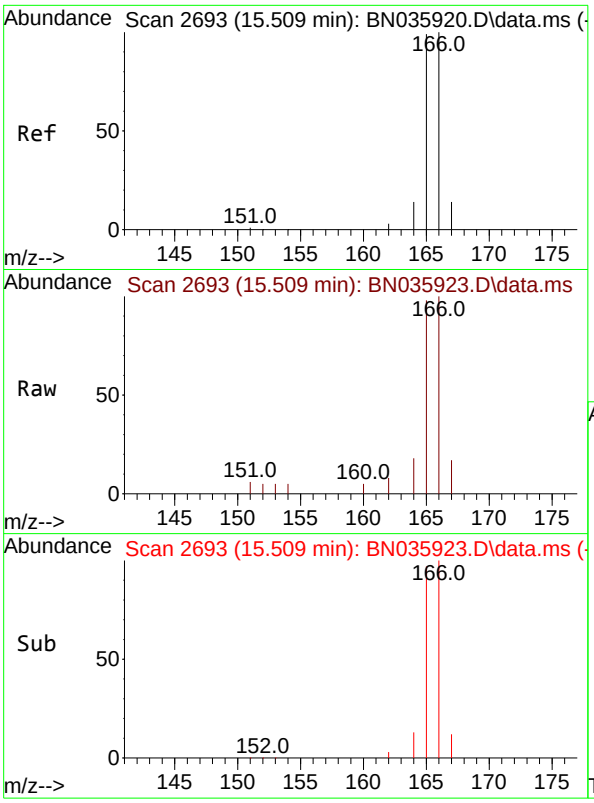


#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.524 min Scan# 2480
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:153 Resp: 1013

Ion	Ratio	Lower	Upper
153	100		
152	56.5	40.6	60.8
154	86.6	69.4	104.0



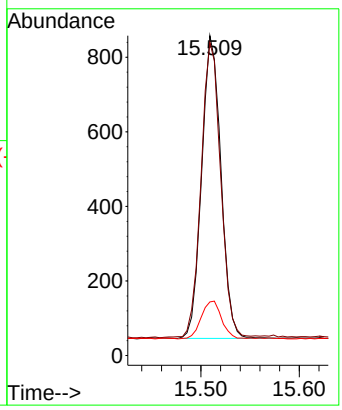


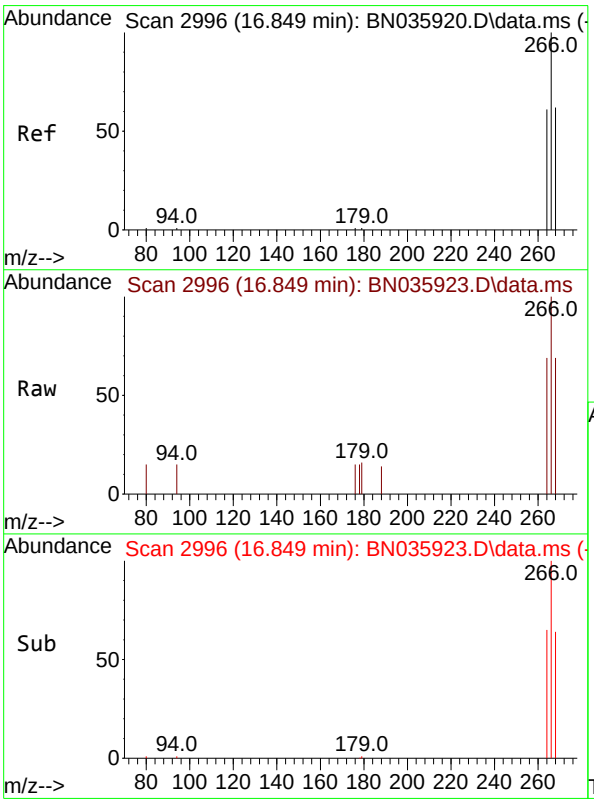
#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.509 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:166 Resp: 1101

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.0	118.6
167	16.8	12.2	18.4

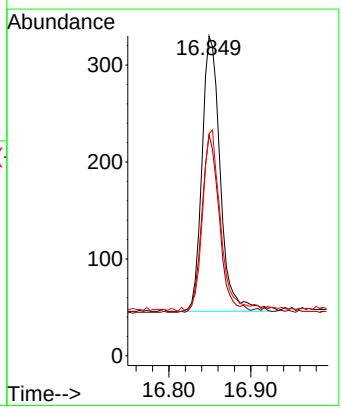


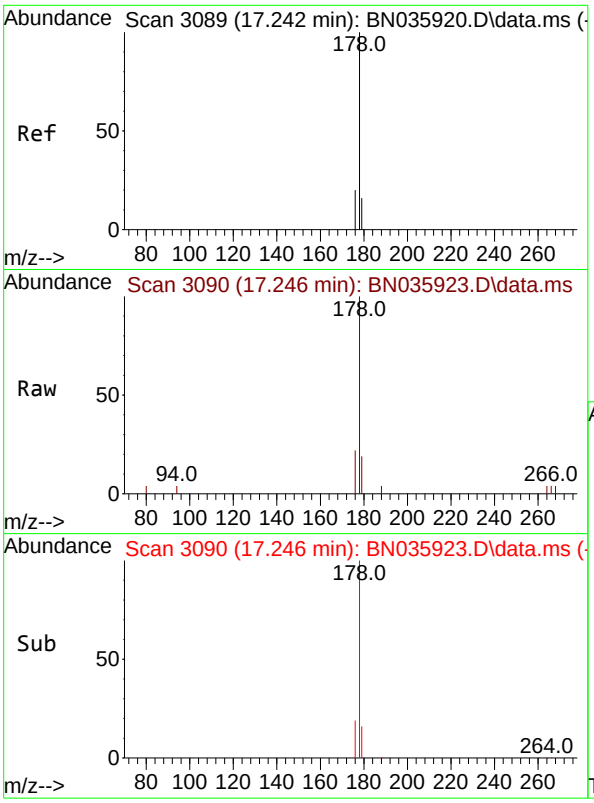


#14
Pentachlorophenol
Concen: 1.089 ng/ul
RT: 16.849 min Scan# 2996
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:266 Resp: 439

Ion	Ratio	Lower	Upper
266	100		
264	61.7	50.1	75.1
268	65.6	55.5	83.3



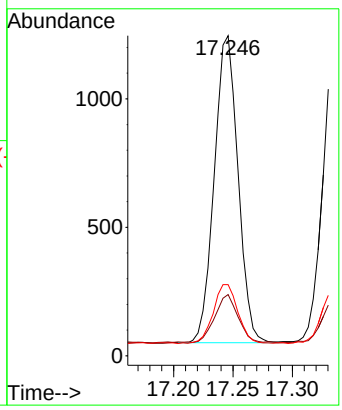


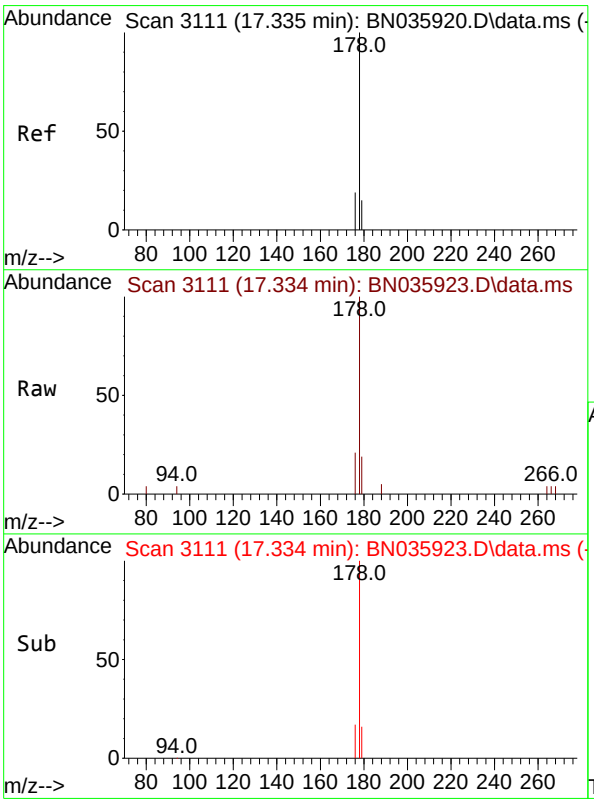
#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.246 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:178 Resp: 1660

Ion	Ratio	Lower	Upper
178	100		
179	19.1	13.4	20.0
176	22.2	16.8	25.2

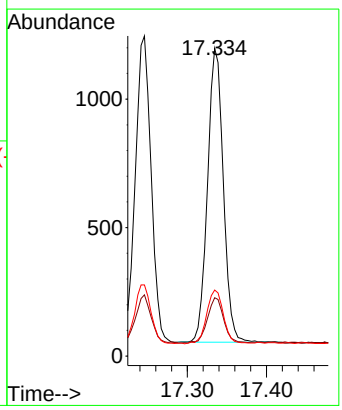


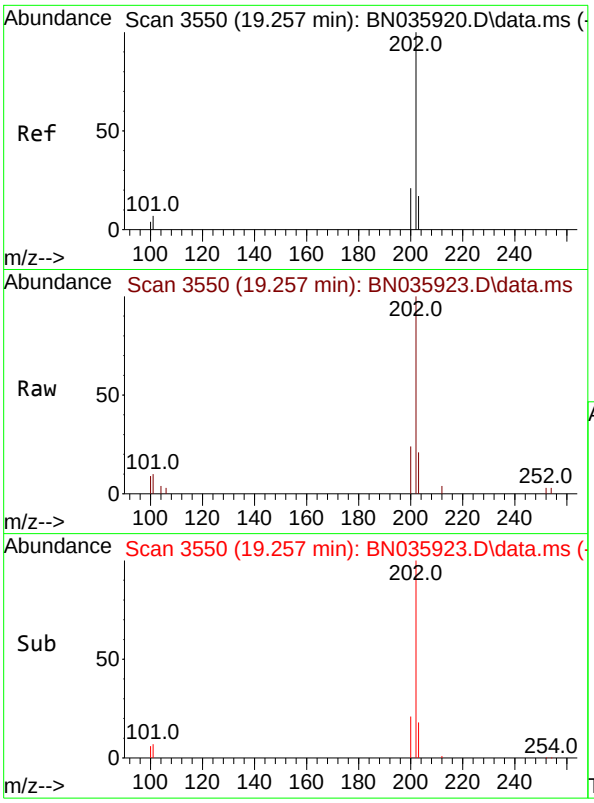


#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.334 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:178 Resp: 1582

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.8	20.8
176	21.5	16.3	24.5



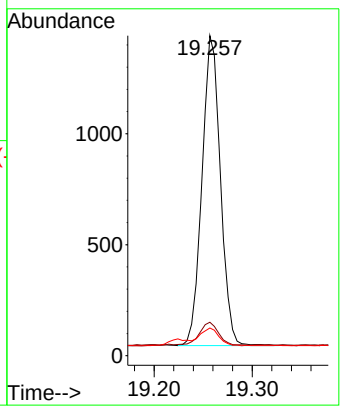


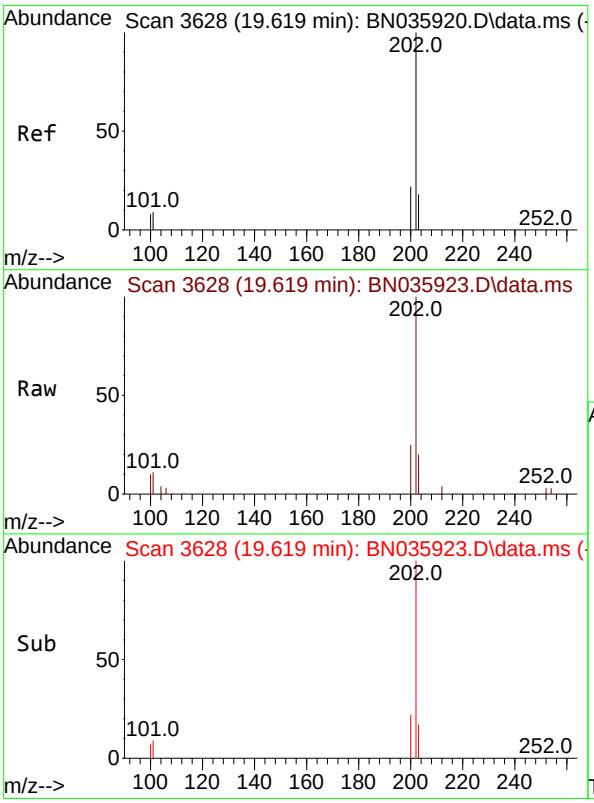
#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.257 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:202 Resp: 1819

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.7	13.1
100	8.7	7.1	10.7

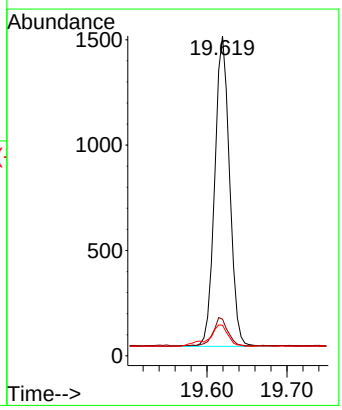


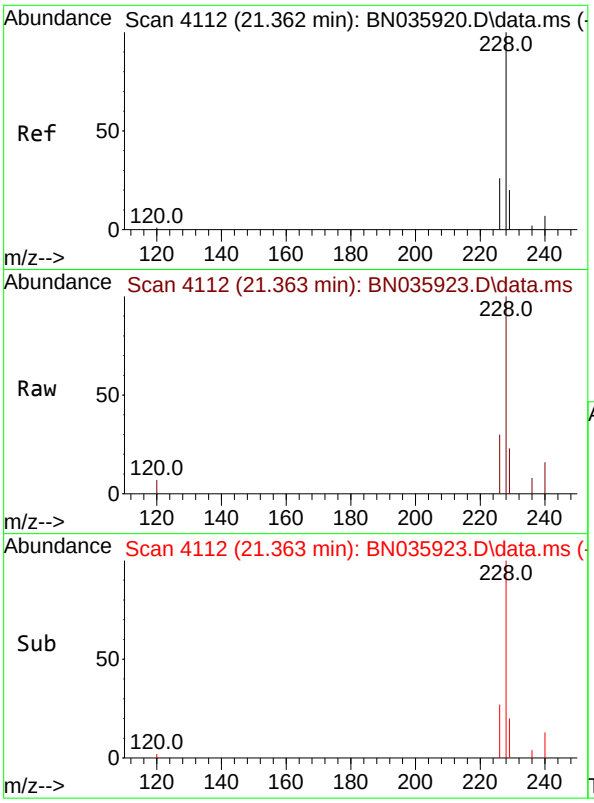


#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.619 min Scan# 3628
Delta R.T. 0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:202 Resp: 1899

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.6
100	9.6	8.2	12.2



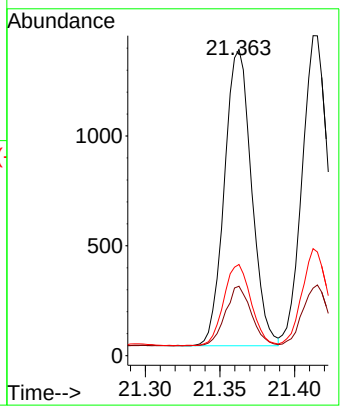


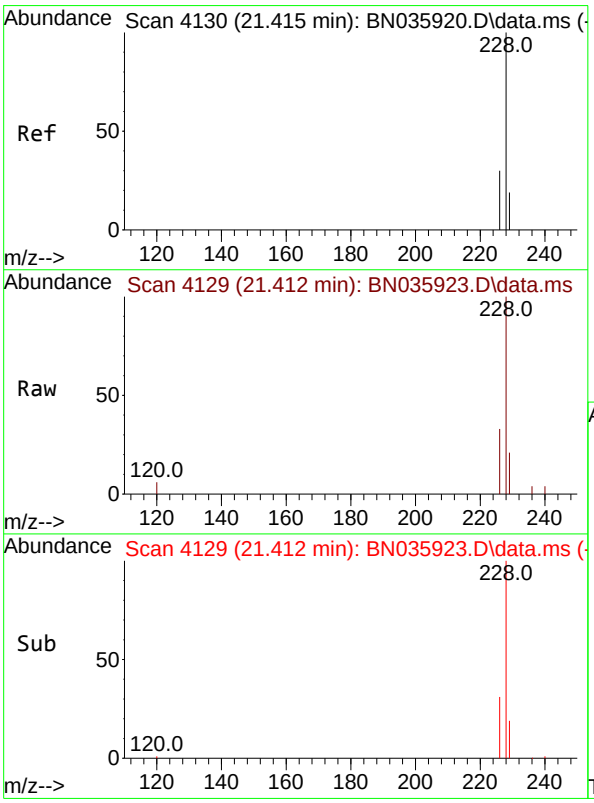
#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.363 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:228 Resp: 1705

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.8	23.8
226	29.8	22.4	33.6

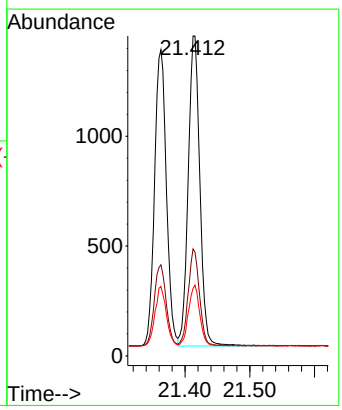


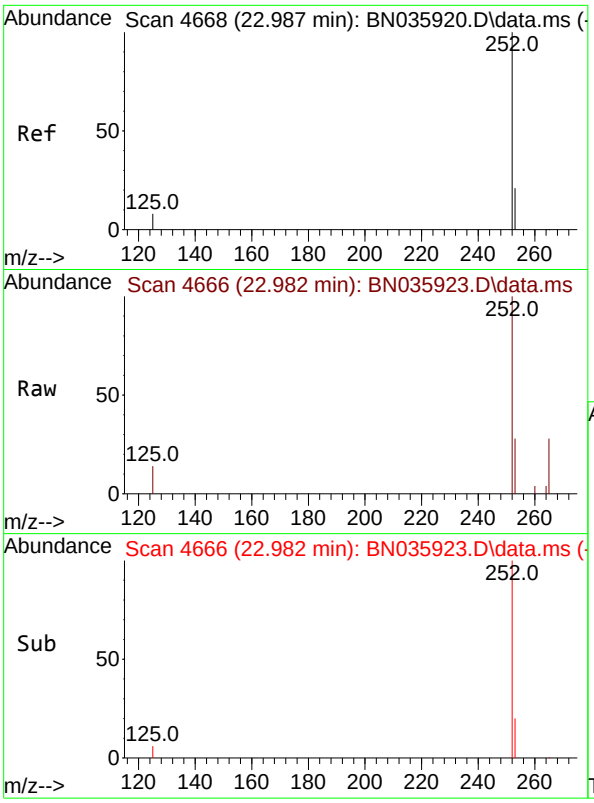


#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.412 min Scan# 4129
Delta R.T. -0.003 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:228 Resp: 1760

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.3	37.9
229	21.1	15.9	23.9



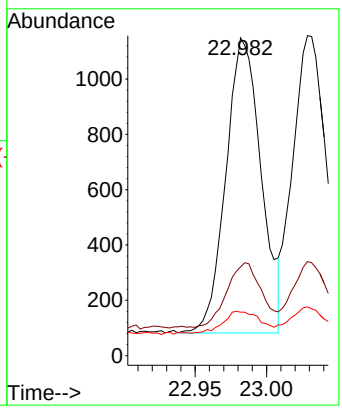


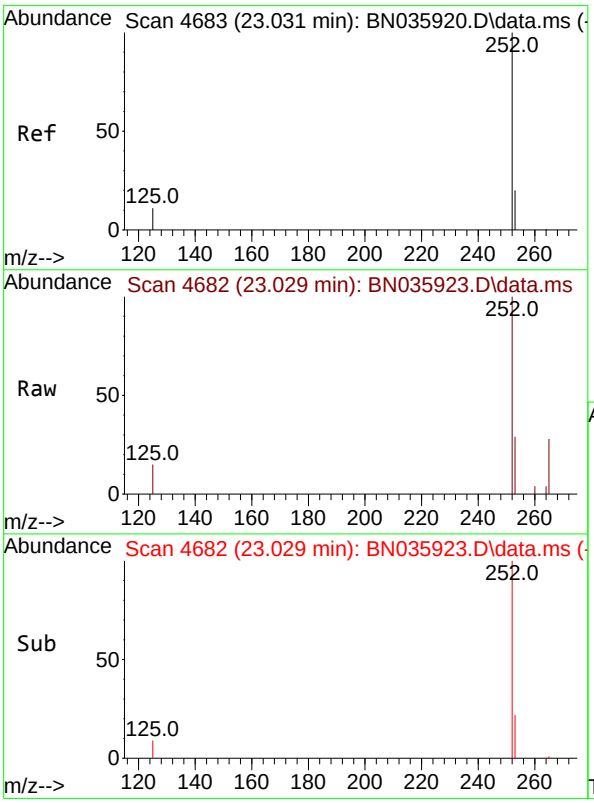
#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.982 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:252 Resp: 1830

Ion	Ratio	Lower	Upper
252	100		
253	27.9	0.0	49.4
125	13.7	0.0	26.4

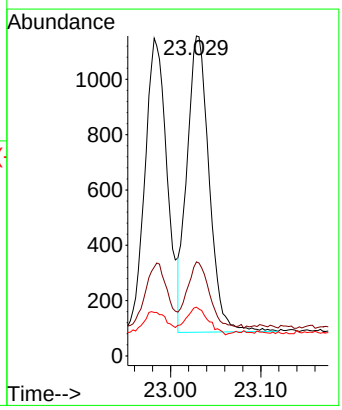


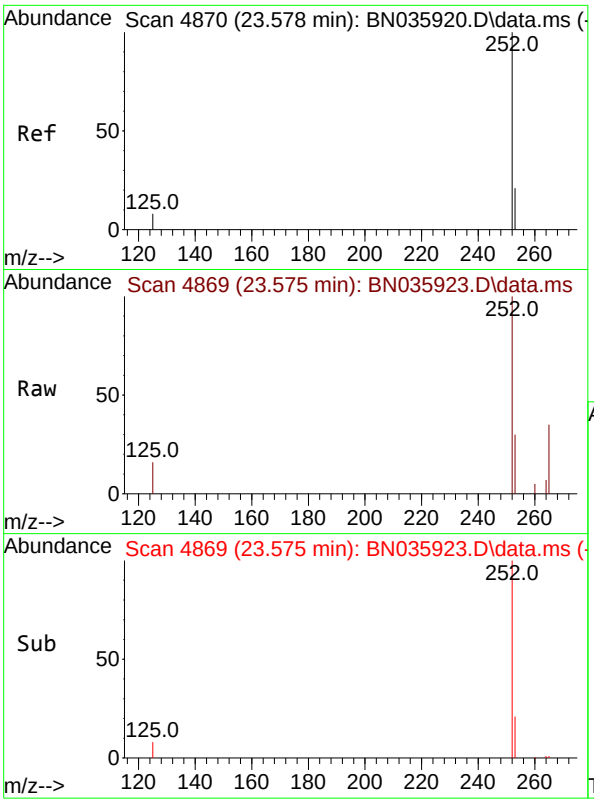


#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.029 min Scan# 4682
Delta R.T. -0.003 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:252 Resp: 1824

Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.8	29.8
125	15.2	11.4	17.0



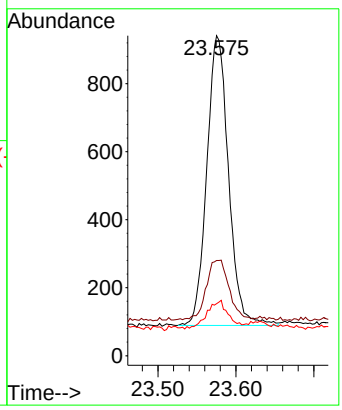


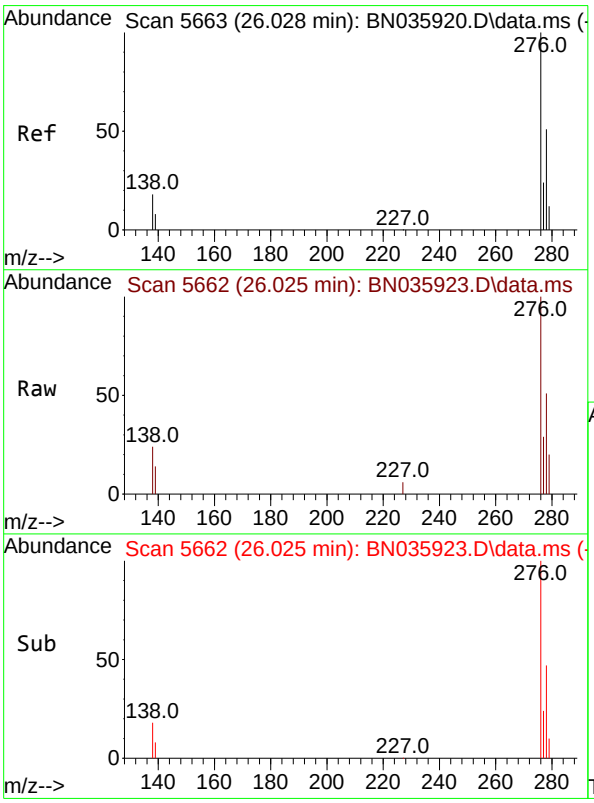
#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.575 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:252 Resp: 1654

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.2	30.4
125	16.3	12.2	18.4

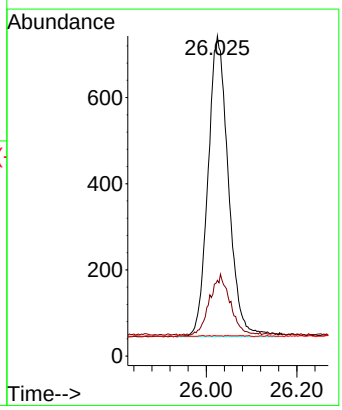


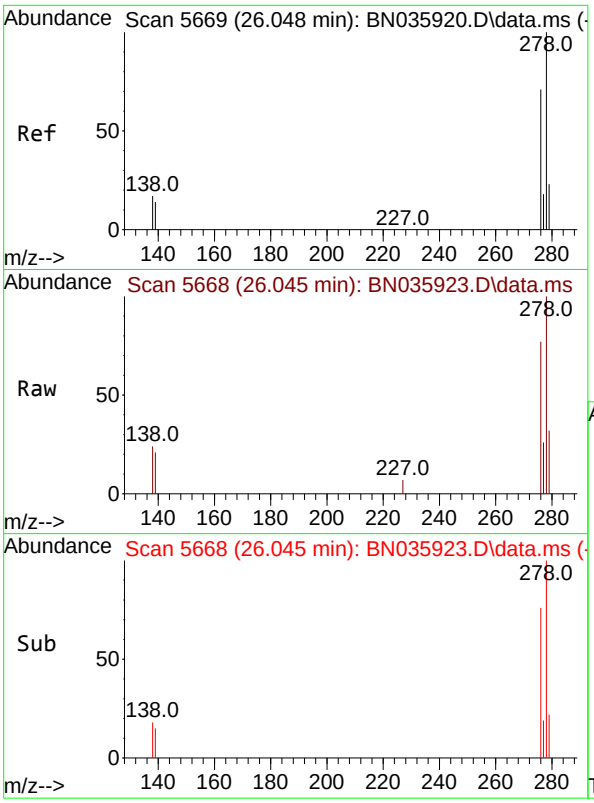


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.379 ng/ul
RT: 26.025 min Scan# 5662
Delta R.T. -0.003 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:276 Resp: 2190

Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.1	0.1#
227	0.1	0.0	0.0#



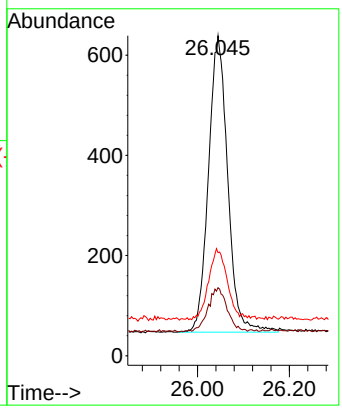


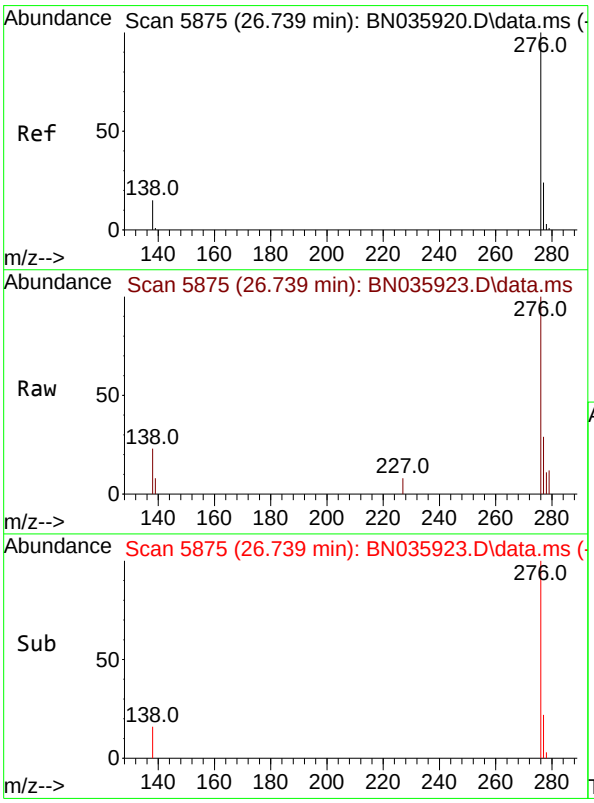
#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.045 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Instrument :
BNA_N
ClientSampleId :
SLCS011

Tgt Ion:278 Resp: 1721

Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.5	23.3
279	32.2	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.380 ng/ul
RT: 26.739 min Scan# 5875
Delta R.T. 0.000 min
Lab File: BN035923.D
Acq: 14 Jan 2025 11:47

Tgt Ion:276 Resp: 1741

Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.9	29.9
277	29.1	21.0	31.6