Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030112.D
Acq On : 28 Feb 2024 03:22
Operator : MA/JU
Sample : PB159252BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS252

Quant Time: Feb 28 03:49:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	4279	0.400	ng/ul	0.00
4) Naphthalene-d8	10.649	136	11872	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	4727	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.262	188	9136	0.400	ng/ul	0.00
17) Chrysene-d12	21.461	240	6883	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	5933	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	3914	0.734	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.244	152	5075	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.293	212	8378	0.370	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	10898	1.876	ng/ul#	81
5) Naphthalene	10.698	128	11642	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.321	142	6210	0.324	ng/ul	99
8) 1-Methylnaphthalene	12.535	142	6586	0.338	ng/ul	99
10) Acenaphthylene	14.218	152	7831	0.340	ng/ul	98
11) Acenaphthene	14.561	153	6259	0.357	ng/ul	97
12) Fluorene	15.565	166	6691	0.365	ng/ul	98
14) Pentachlorophenol	16.916	266	1388	0.681	ng/ul#	49
15) Phenanthrene	17.304	178	10017	0.351	ng/ul	96
16) Anthracene	17.402	178	8325	0.347	ng/ul	96
19) Fluoranthene	19.326	202	11224	0.355	ng/ul	99
20) Pyrene	19.683	202	12235	0.378	ng/ul	99
21) Benzo(a)anthracene	21.447	228	7883	0.318	ng/ul	97
22) Chrysene	21.496	228	10021	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	8868	0.397	ng/ul	96
25) Benzo(k)fluoranthene	23.153	252	10635	0.430	ng/ul	97
26) Benzo(a)pyrene	23.721	252	8466	0.403	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.289	276	9586	0.376	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.329	278	7270	0.364	ng/ul#	89
29) Benzo(g,h,i)perylene	27.013	276	9105	0.394	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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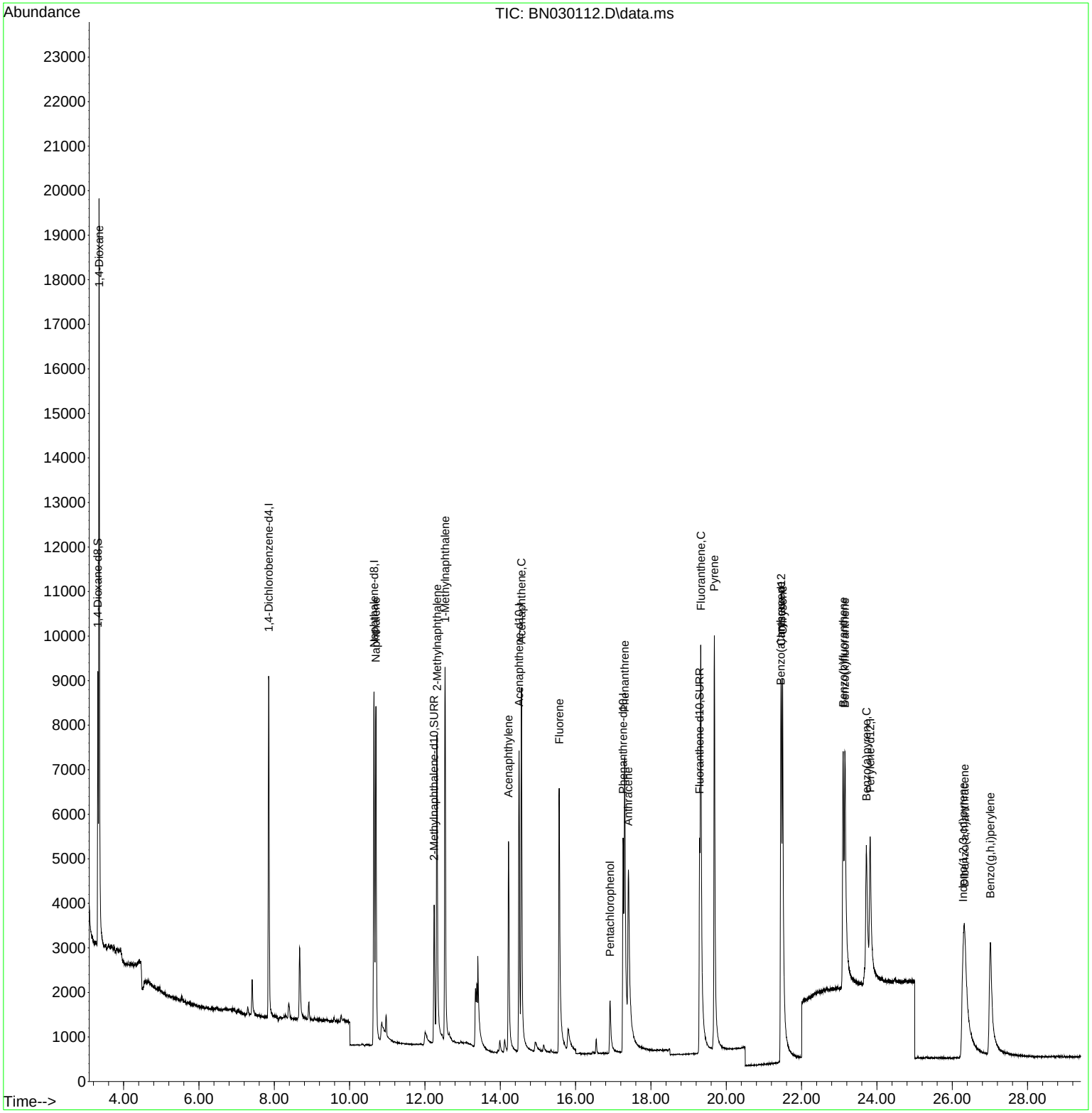
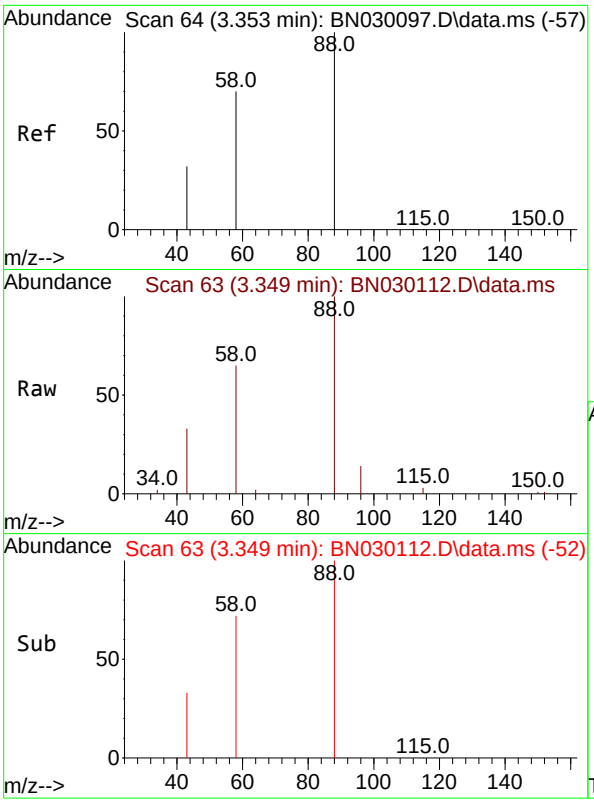


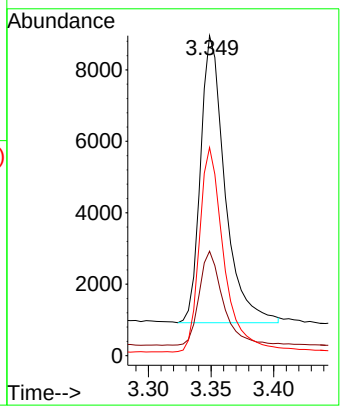


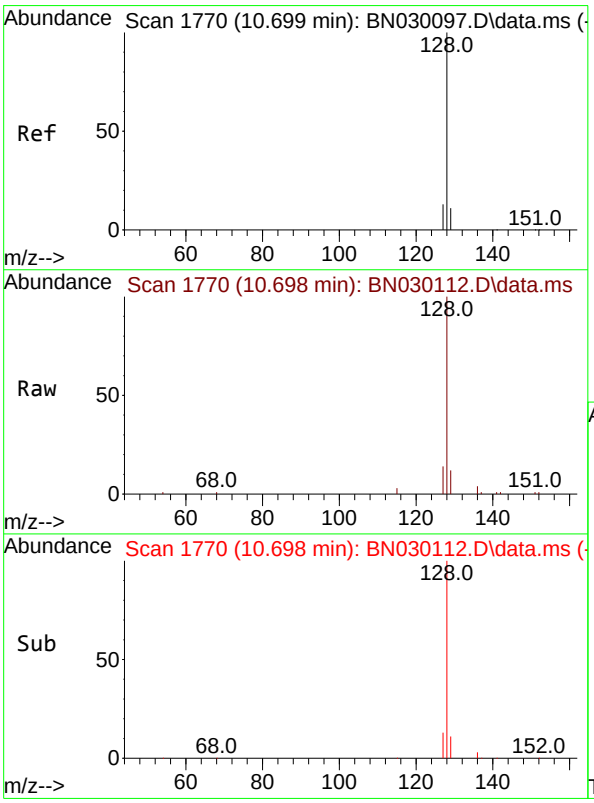
#2
1,4-Dioxane
Concen: 1.876 ng/ul
RT: 3.349 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion: 88 Resp: 10898

Ion	Ratio	Lower	Upper
88	100		
43	32.7	21.8	32.6#
58	65.0	39.3	58.9#

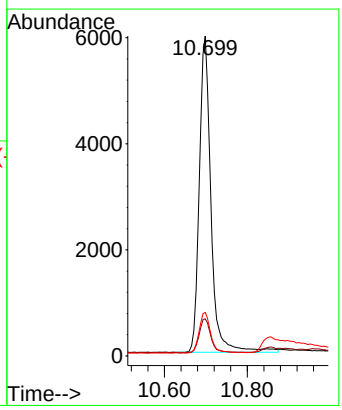


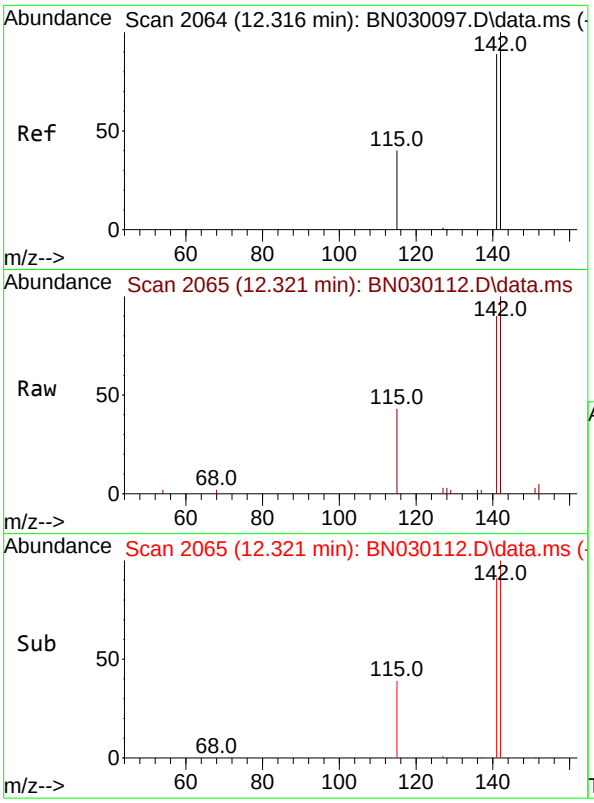


#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.698 min Scan# 1770
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:128 Resp: 11642

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.6	11.0	16.6



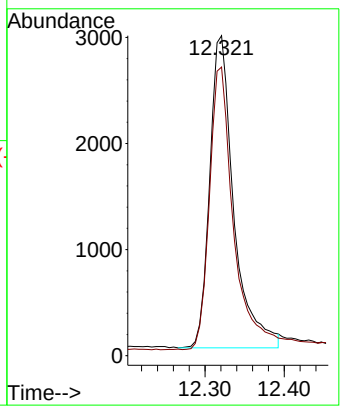


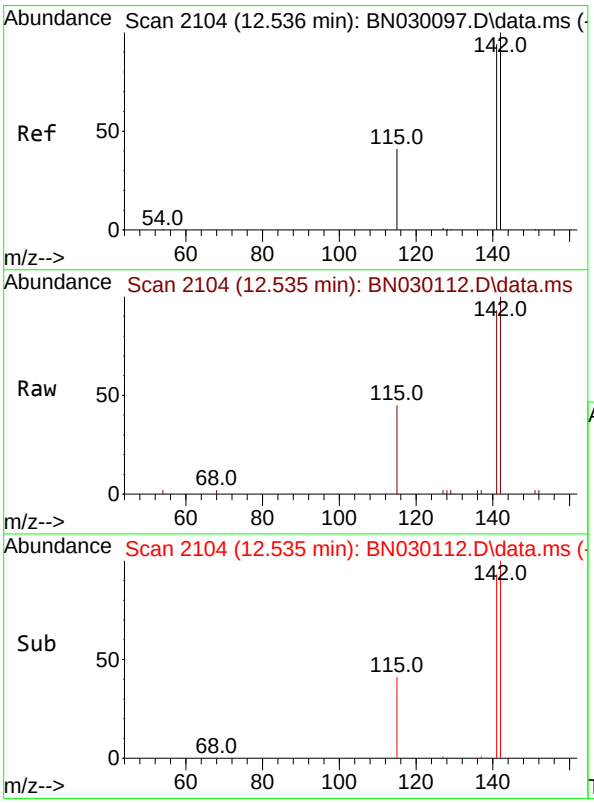
#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 12.321 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:142 Resp: 6210

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.5	107.3

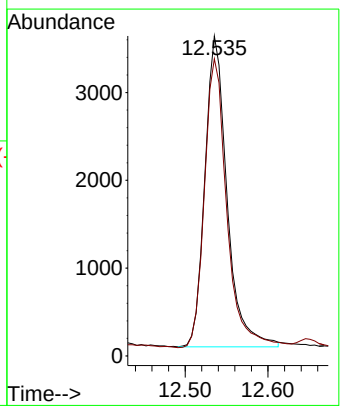


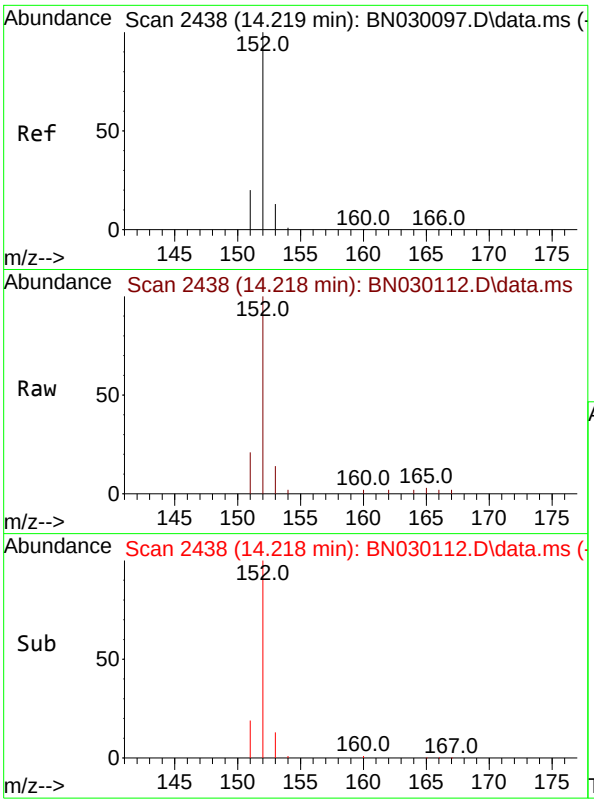


#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.535 min Scan# 2104
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:142 Resp: 6586

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.9	110.9



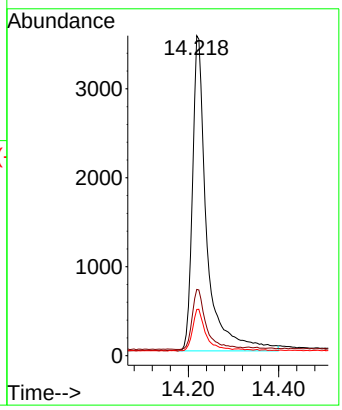


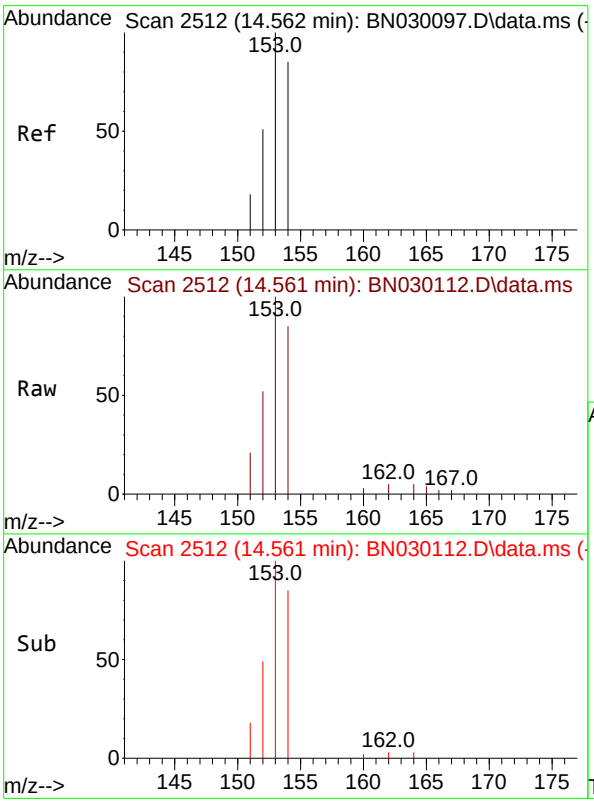
#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.218 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:152 Resp: 7831

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	14.5	10.9	16.3

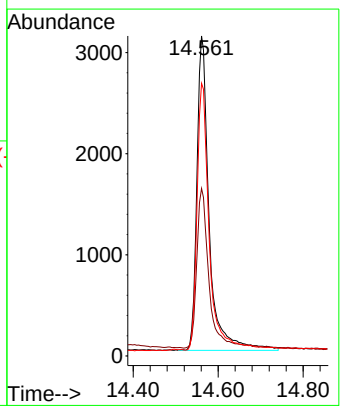


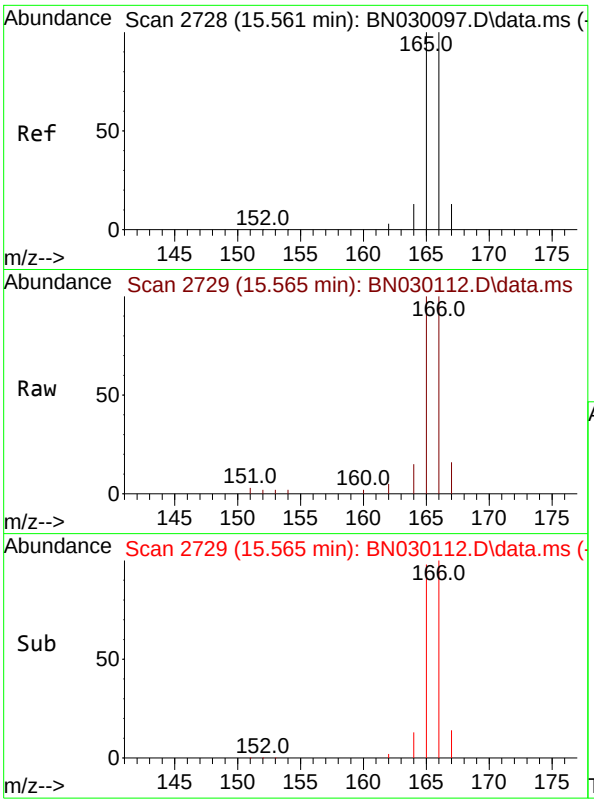


#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.561 min Scan# 2512
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:153 Resp: 6259

Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.5	62.3
154	85.2	70.9	106.3



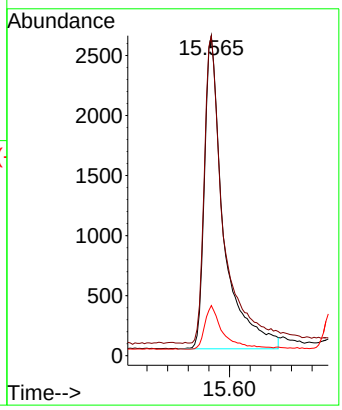


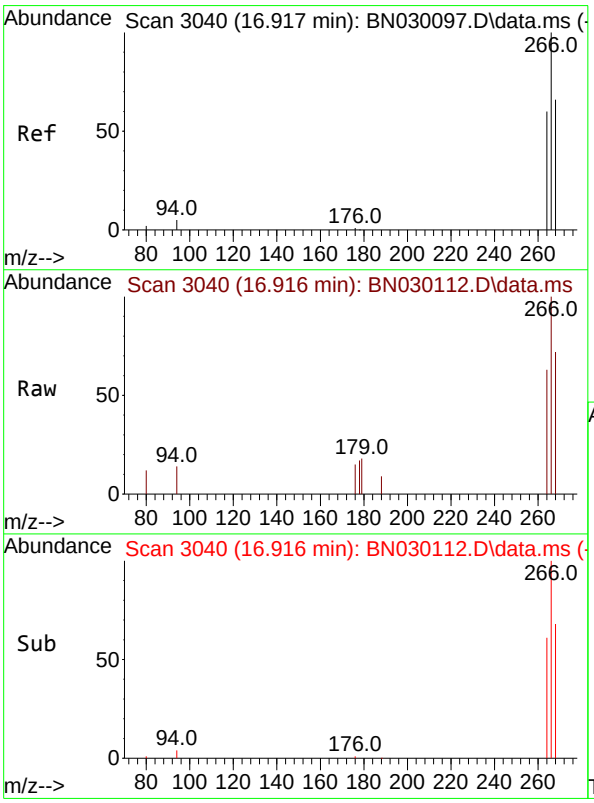
#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.565 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:166 Resp: 6691

Ion	Ratio	Lower	Upper
166	100		
165	99.9	78.6	117.8
167	15.6	11.5	17.3

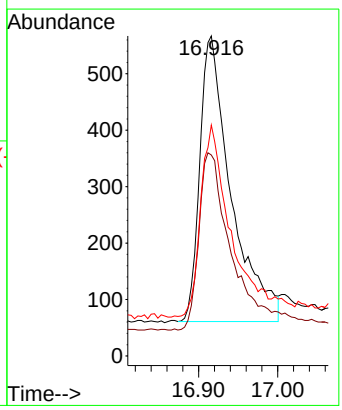


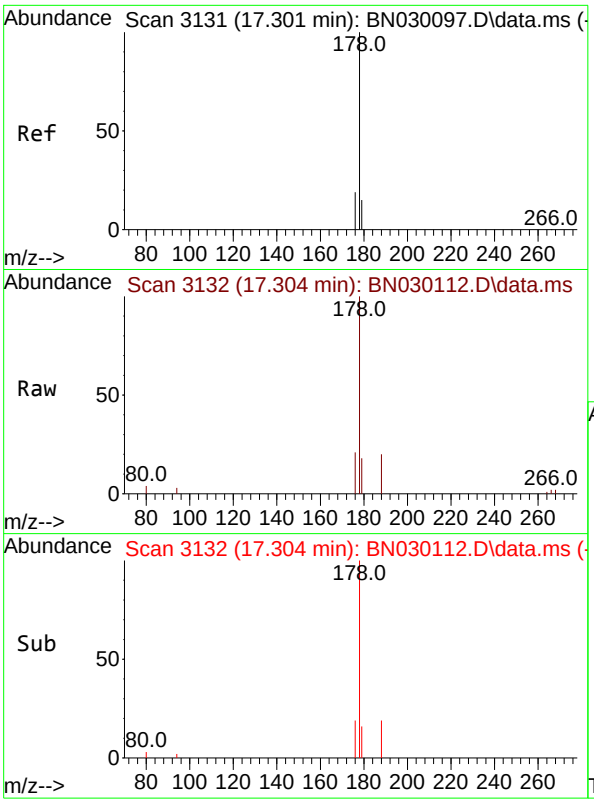


#14
Pentachlorophenol
Concen: 0.681 ng/ul
RT: 16.916 min Scan# 3040
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:266 Resp: 1388

Ion	Ratio	Lower	Upper
266	100		
264	64.0	0.0	0.0#
268	65.1	0.2	0.2#



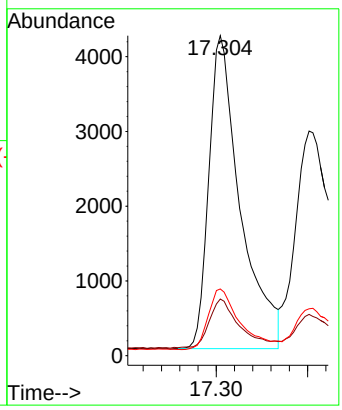


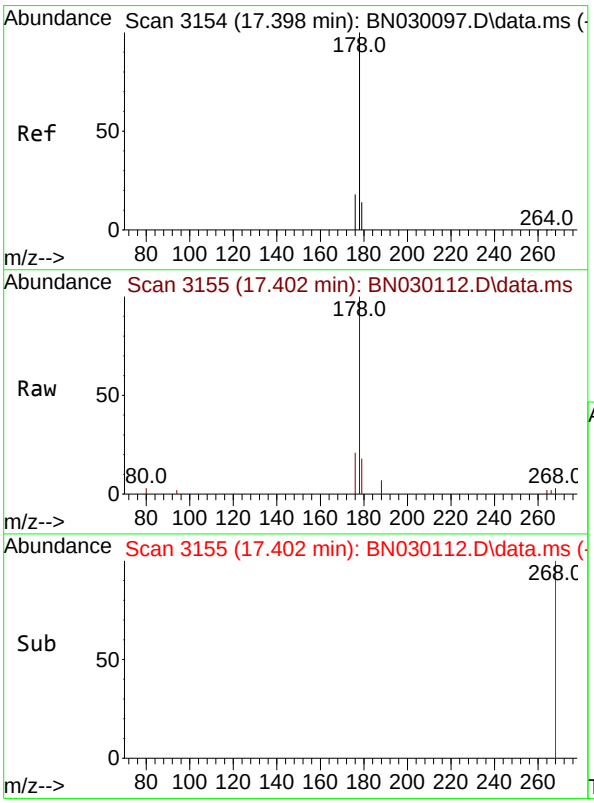
#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.304 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:178 Resp: 10017

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	18.8
176	20.8	15.7	23.5

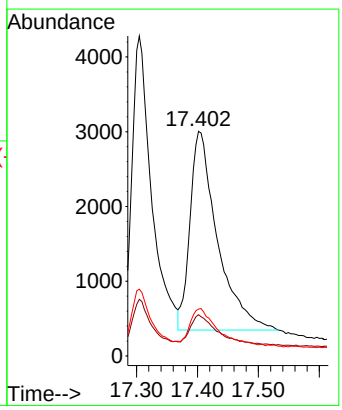


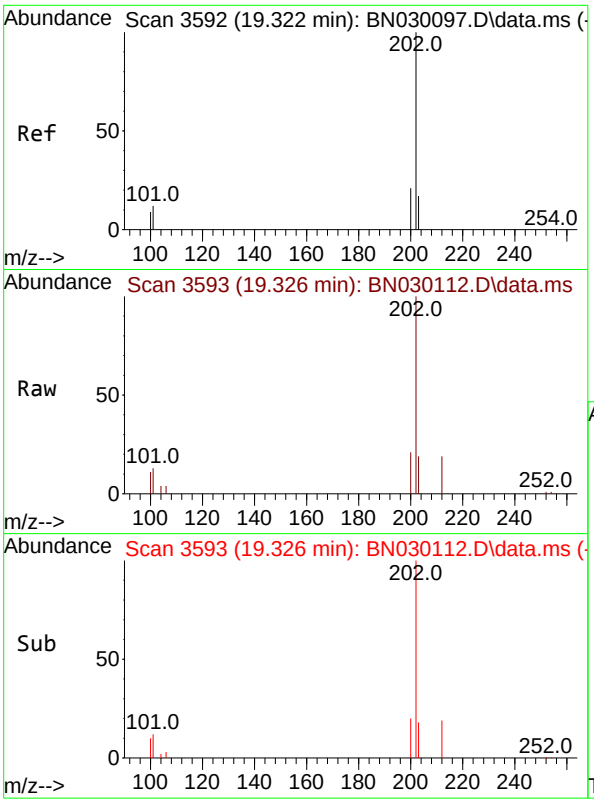


#16
Anthracene
Concen: 0.347 ng/ul
RT: 17.402 min Scan# 3155
Delta R.T. 0.003 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:178 Resp: 8325

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.9	19.3
176	20.9	15.8	23.8



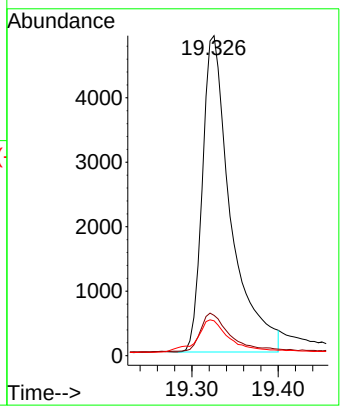


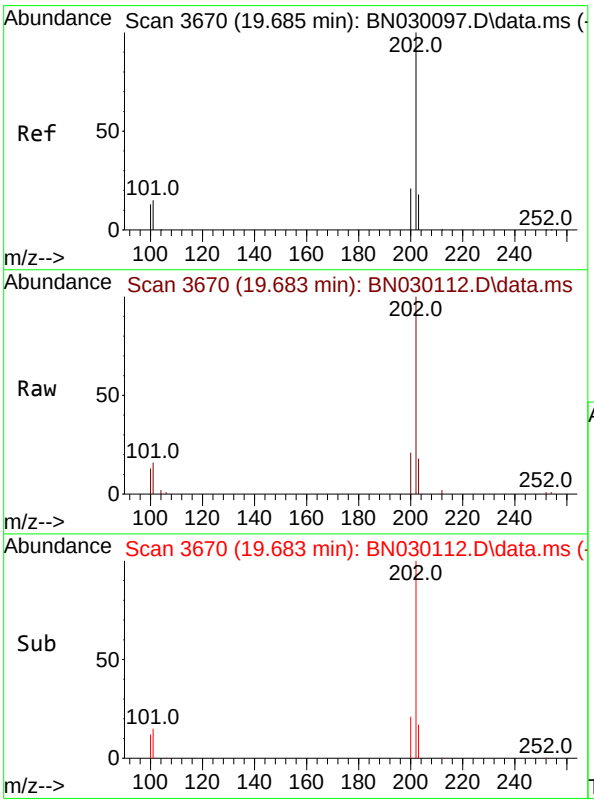
#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.326 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:202 Resp: 11224

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.4	15.6
100	10.9	8.5	12.7

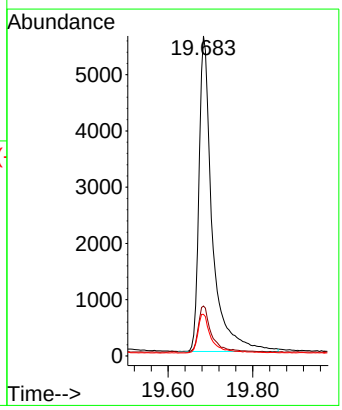


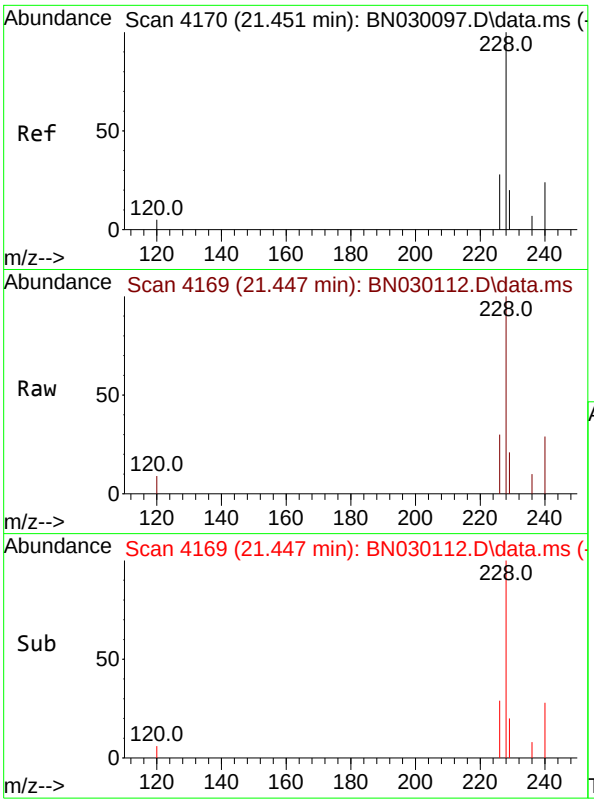


#20
Pyrene
Concen: 0.378 ng/ul
RT: 19.683 min Scan# 3670
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:202 Resp: 12235

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.5	18.7
100	13.0	10.0	15.0



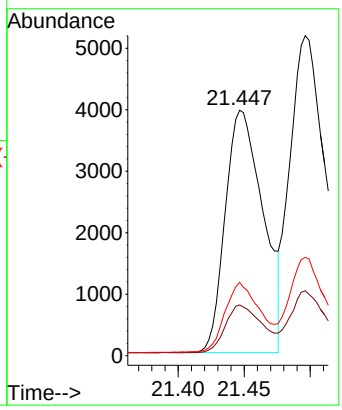


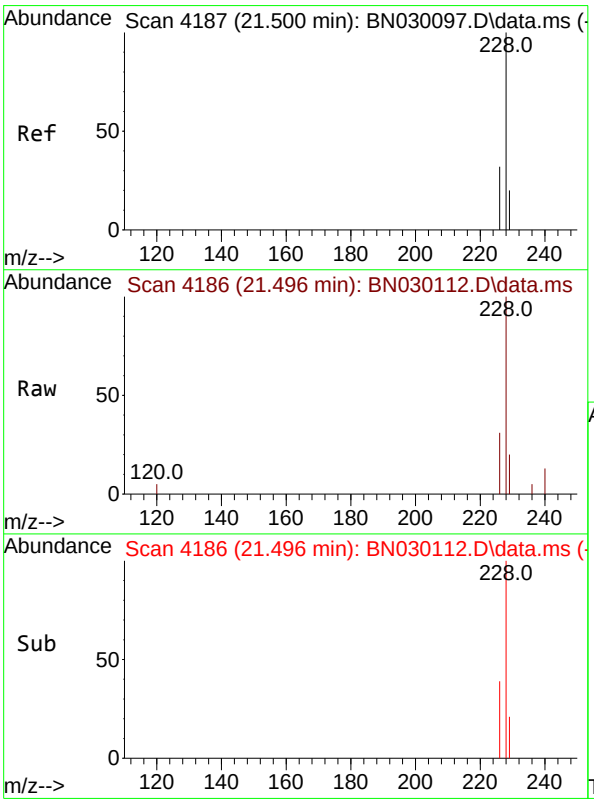
#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.447 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:228 Resp: 7883

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	29.9	22.2	33.4

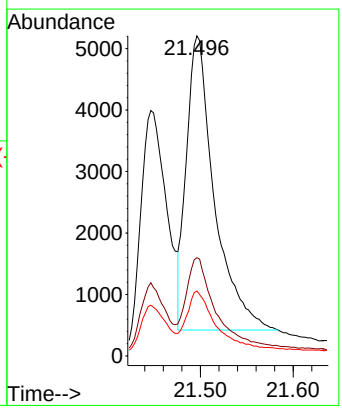


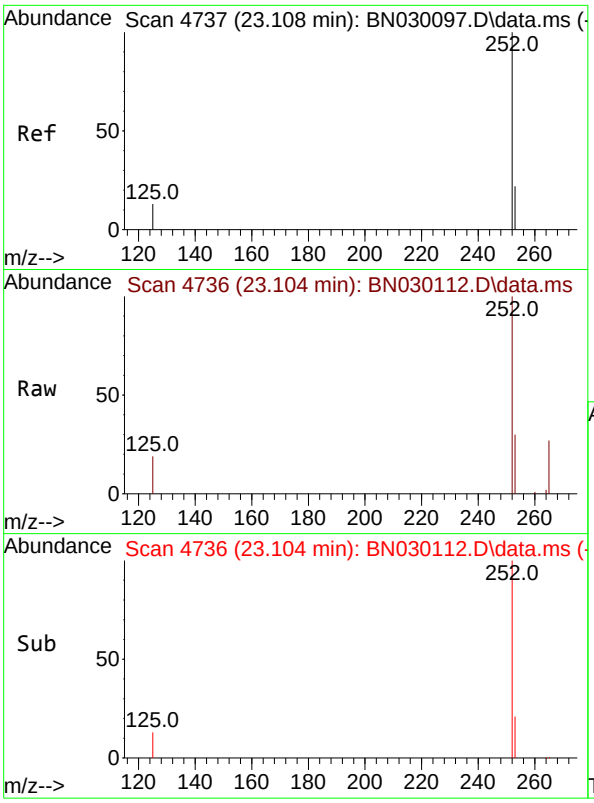


#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.496 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:228 Resp: 10021

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.3	15.7	23.5



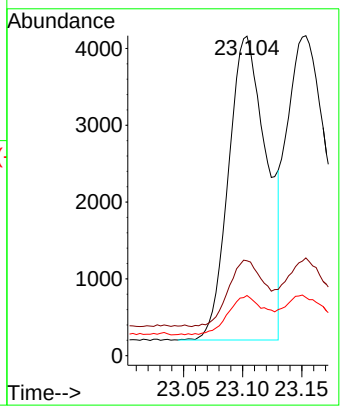


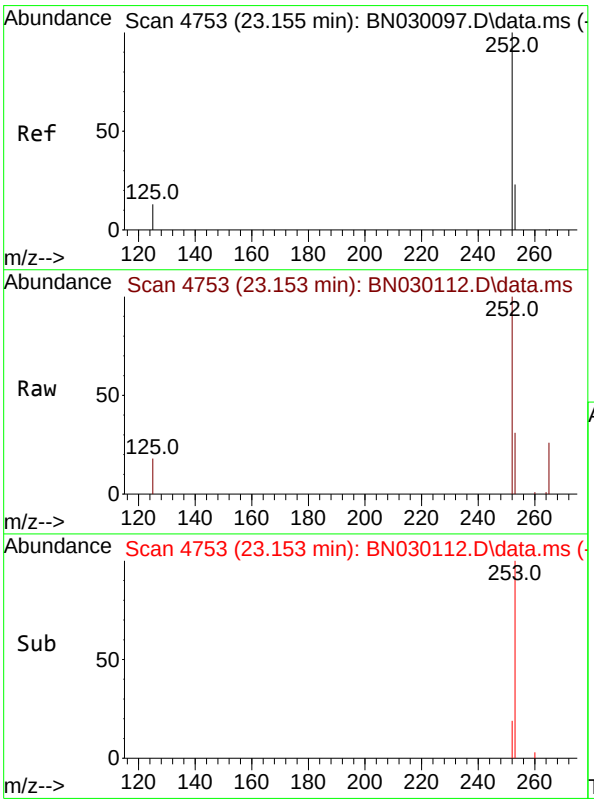
#24
Benzo(b)fluoranthene
Concen: 0.397 ng/ul
RT: 23.104 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:252 Resp: 8868

Ion	Ratio	Lower	Upper
252	100		
253	29.7	0.0	56.8
125	18.8	0.0	32.4

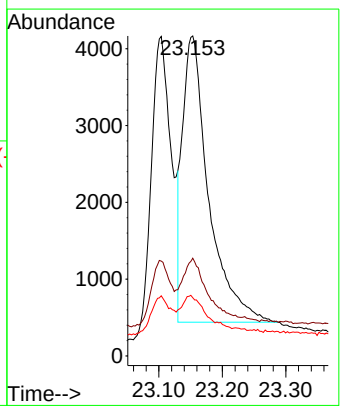


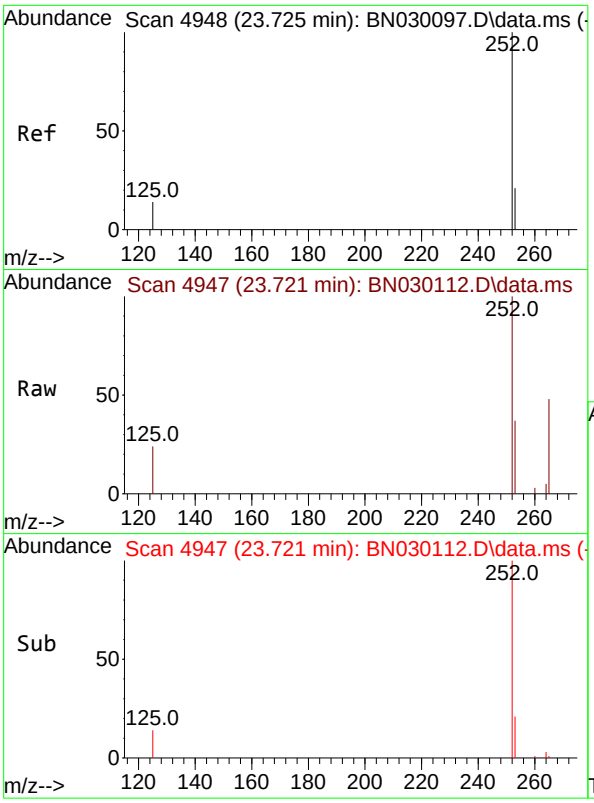


#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:252 Resp: 10635

Ion	Ratio	Lower	Upper
252	100		
253	30.5	22.6	33.8
125	18.2	15.3	22.9



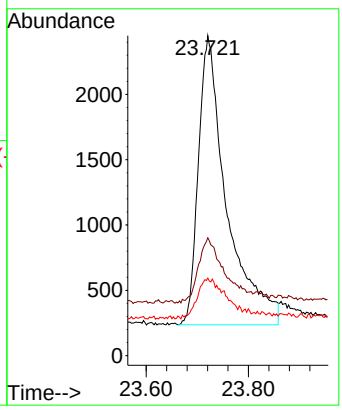


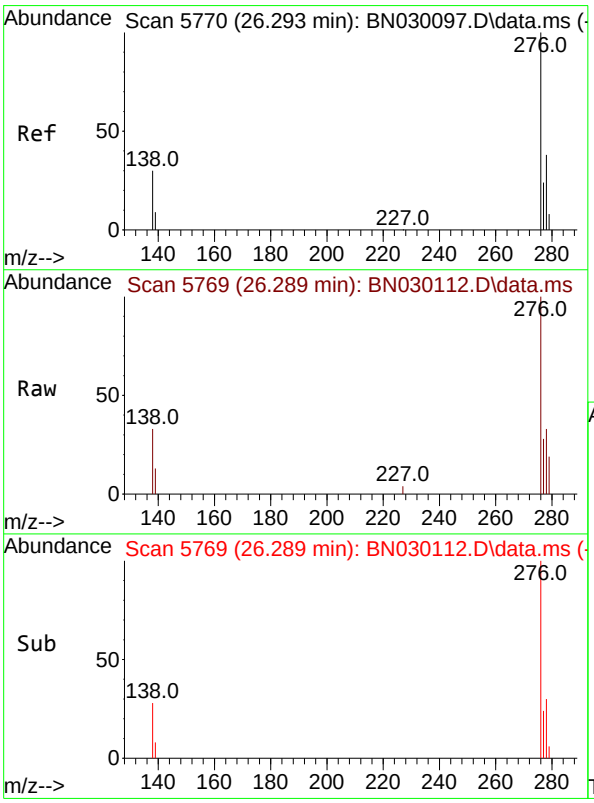
#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.721 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:252 Resp: 8466

Ion	Ratio	Lower	Upper
252	100		
253	36.8	25.4	38.0
125	24.2	16.0	24.0#

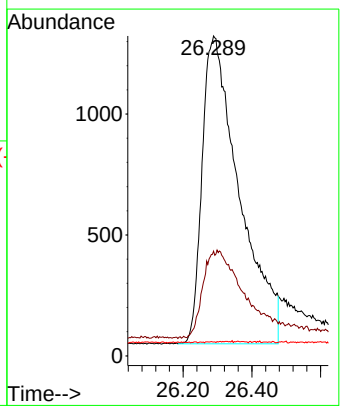


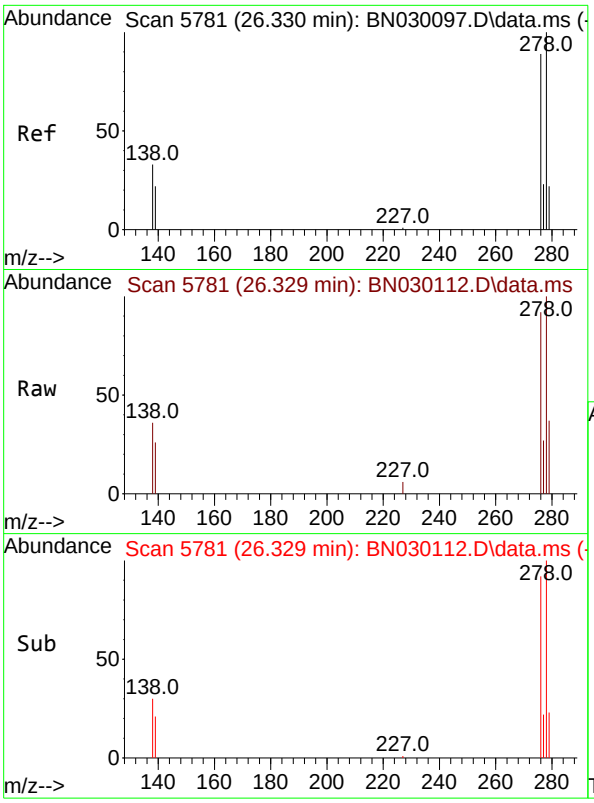


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.005 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:276 Resp: 9586

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



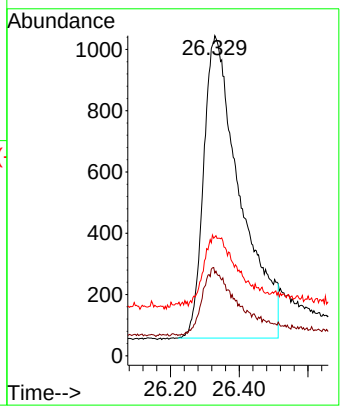


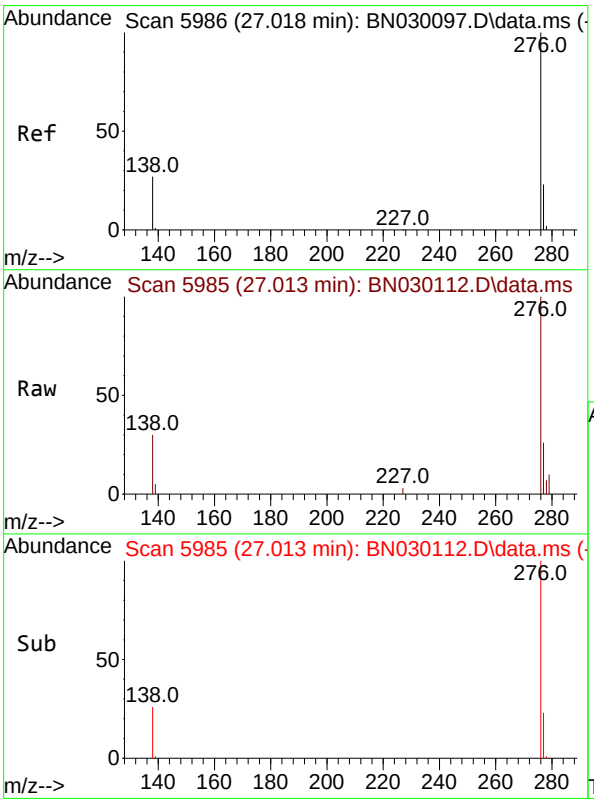
#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.329 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Instrument :
BNA_N
ClientSampleId :
SLCS252

Tgt Ion:278 Resp: 7270

Ion	Ratio	Lower	Upper
278	100		
139	25.8	19.0	28.4
279	37.1	22.6	34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 27.013 min Scan# 5985
Delta R.T. -0.005 min
Lab File: BN030112.D
Acq: 28 Feb 2024 03:22

Tgt Ion:276 Resp: 9105

Ion	Ratio	Lower	Upper
276	100		
138	29.9	24.6	37.0
277	26.2	19.7	29.5