Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023199.D
Acq On : 14 Dec 2022 13:13
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 14 23:20:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	5582	0.400	ng/ul	0.00
4) Naphthalene-d8	10.832	136	17360	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.659	164	10088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.403	188	22941	0.400	ng/ul	0.00
17) Chrysene-d12	21.587	240	22837	0.400	ng/ul	0.00
23) Perylene-d12	24.039	264	19948	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	2680	0.400	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.415	152	11488	0.434	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	27745	0.329	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.395	88	2715	0.389	ng/ul	93
5) Naphthalene	10.881	128	21853	0.415	ng/ul	100
7) 2-Methylnaphthalene	12.492	142	14040	0.426	ng/ul	99
8) 1-Methylnaphthalene	12.707	142	14390	0.430	ng/ul	100
10) Acenaphthylene	14.382	152	18522	0.372	ng/ul	99
11) Acenaphthene	14.719	153	16123	0.409	ng/ul	98
12) Fluorene	15.705	166	18699	0.419	ng/ul	100
14) Pentachlorophenol	17.048	266	2558	0.533	ng/ul#	100
15) Phenanthrene	17.445	178	32416	0.412	ng/ul	100
16) Anthracene	17.538	178	26357	0.390	ng/ul	100
19) Fluoranthene	19.457	202	37760	0.320	ng/ul	98
20) Pyrene	19.820	202	38512	0.333	ng/ul	97
21) Benzo(a)anthracene	21.569	228	36778	0.421	ng/ul	100
22) Chrysene	21.622	228	39367	0.411	ng/ul	100
24) Benzo(b)fluoranthene	23.285	252	43438	0.430	ng/ul	93
25) Benzo(k)fluoranthene	23.337	252	40810	0.382	ng/ul	99
26) Benzo(a)pyrene	23.928	252	37457	0.487	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.604	276	48574	0.531	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.624	278	37343	0.514	ng/ul	99
29) Benzo(g,h,i)perylene	27.392	276	36293	0.455	ng/ul	100

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

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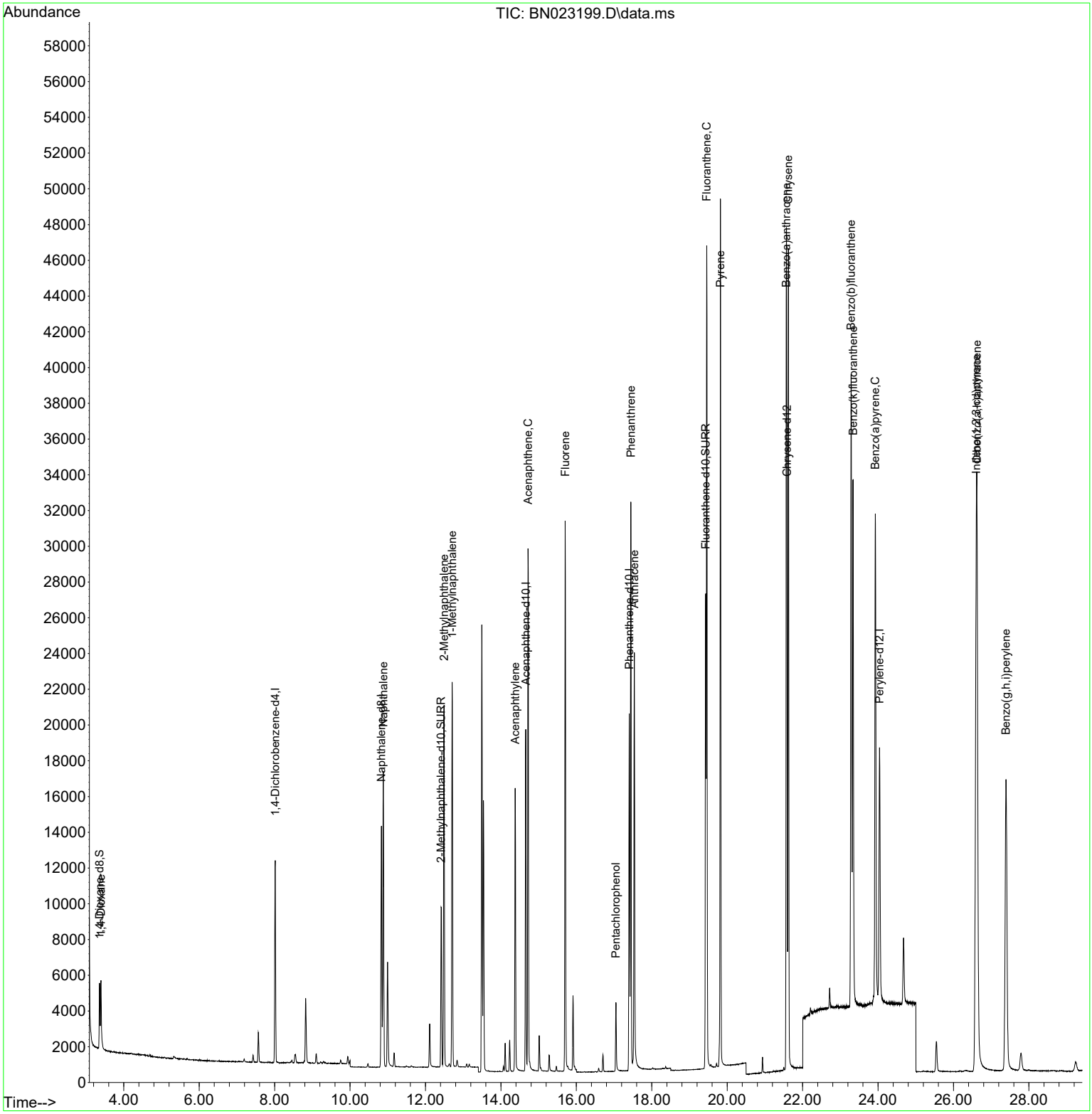
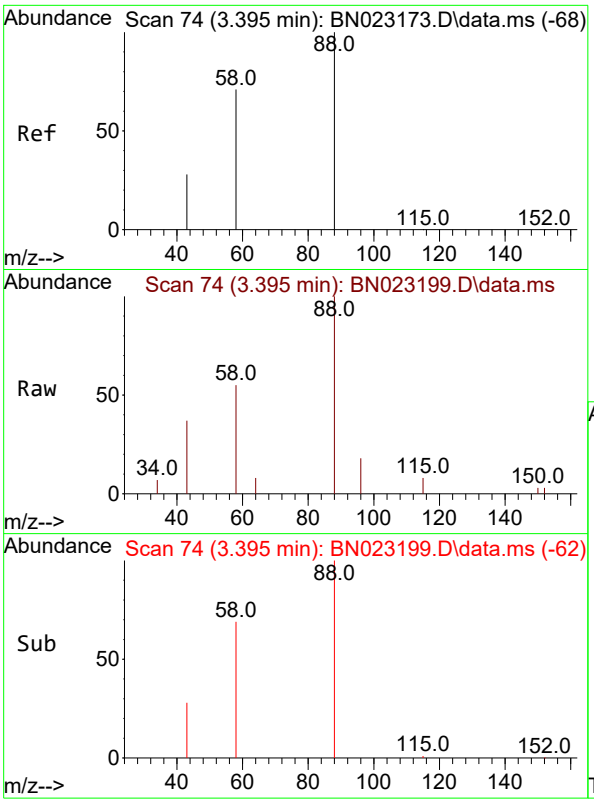


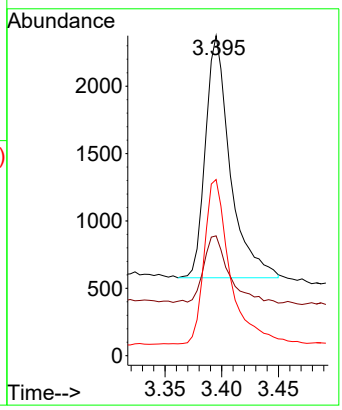


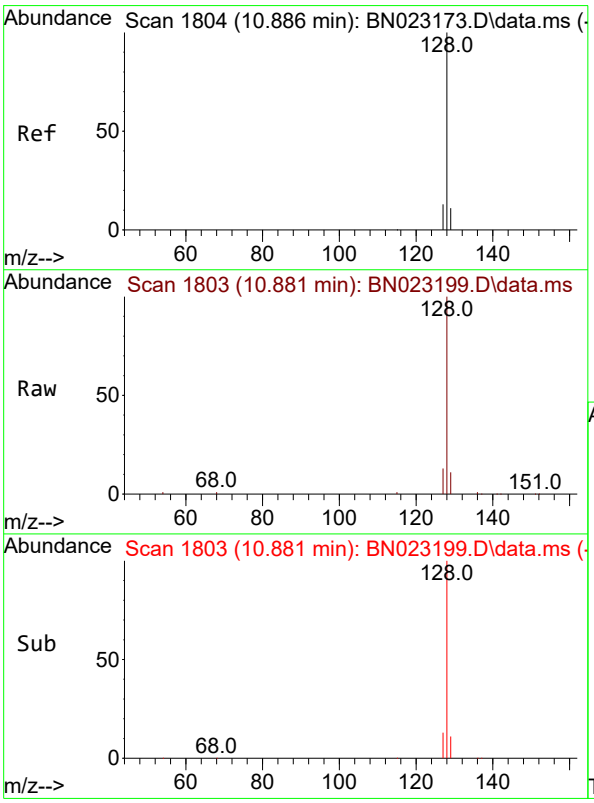
#2
1,4-Dioxane
Concen: 0.389 ng/ul
RT: 3.395 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2715

Ion	Ratio	Lower	Upper
88	100		
43	37.5	26.2	39.4
58	55.0	47.6	71.4

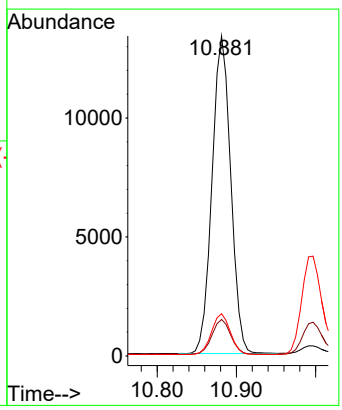


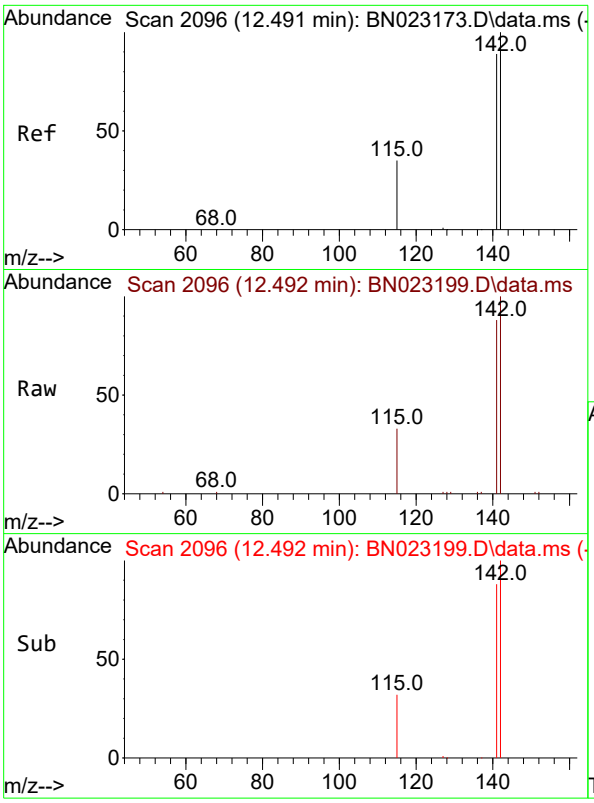


#5
Naphthalene
Concen: 0.415 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:128 Resp: 21853

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.2	10.6	16.0



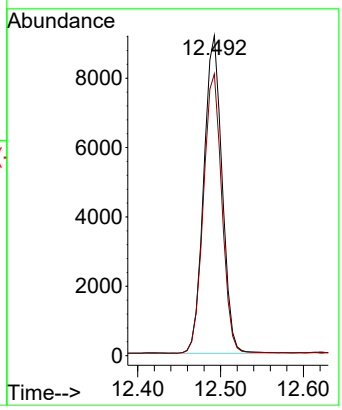


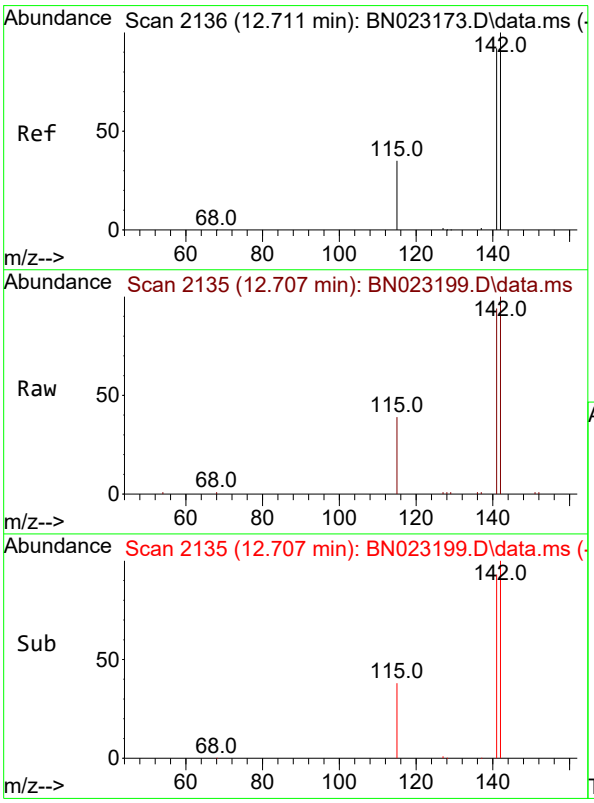
#7
2-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.492 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 14040

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4

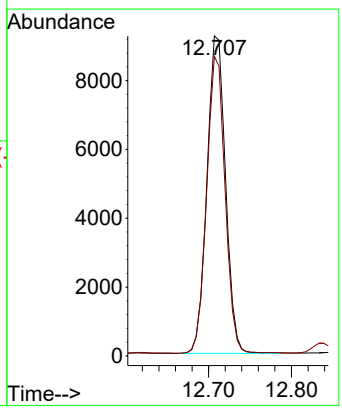


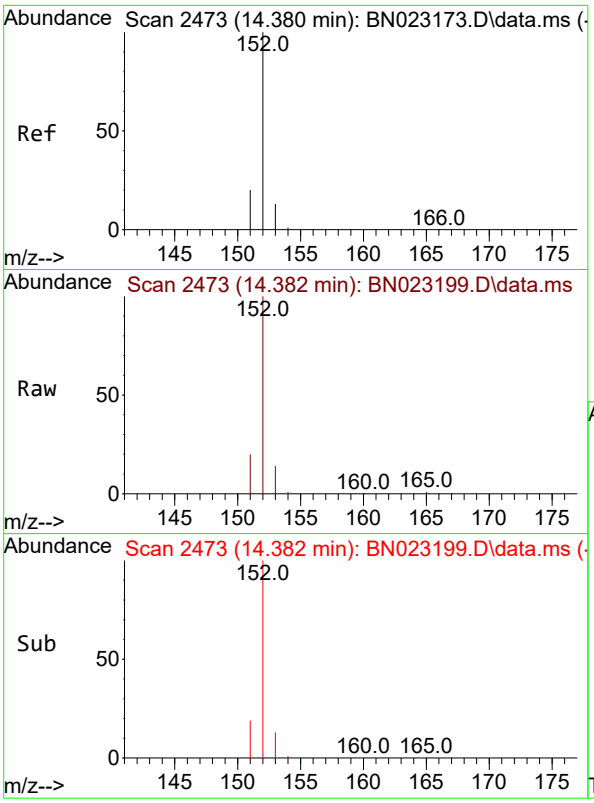


#8
1-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 12.707 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:142 Resp: 14390

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.8	110.6



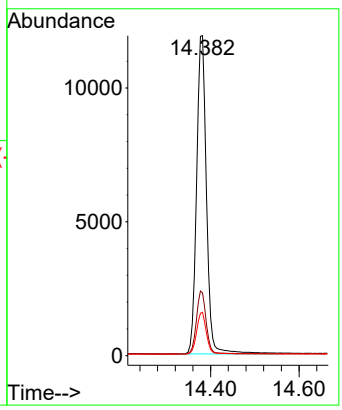


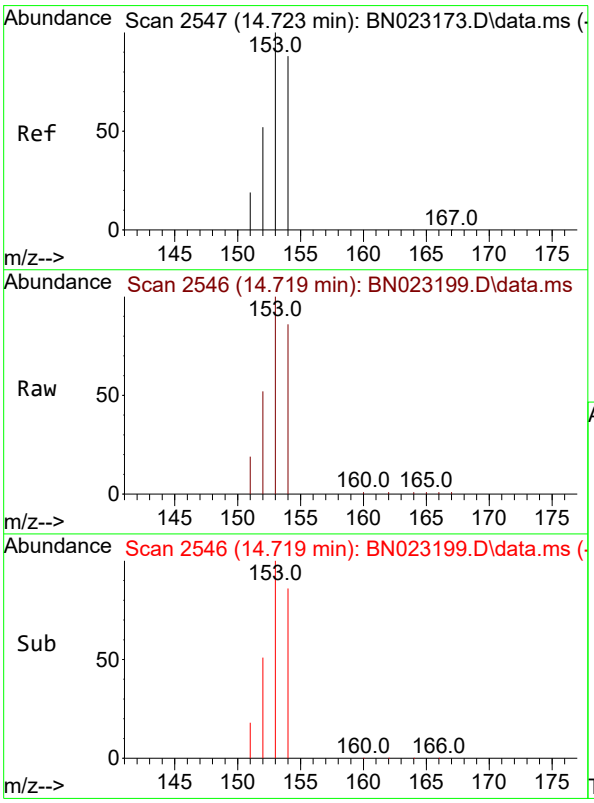
#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.382 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 18522

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.0	24.0
153	13.6	10.5	15.7

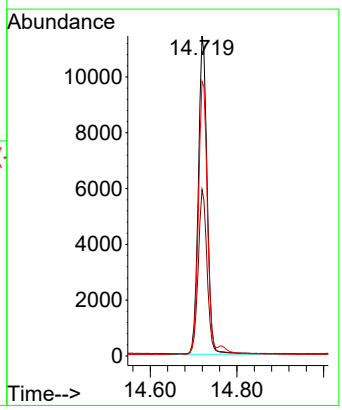


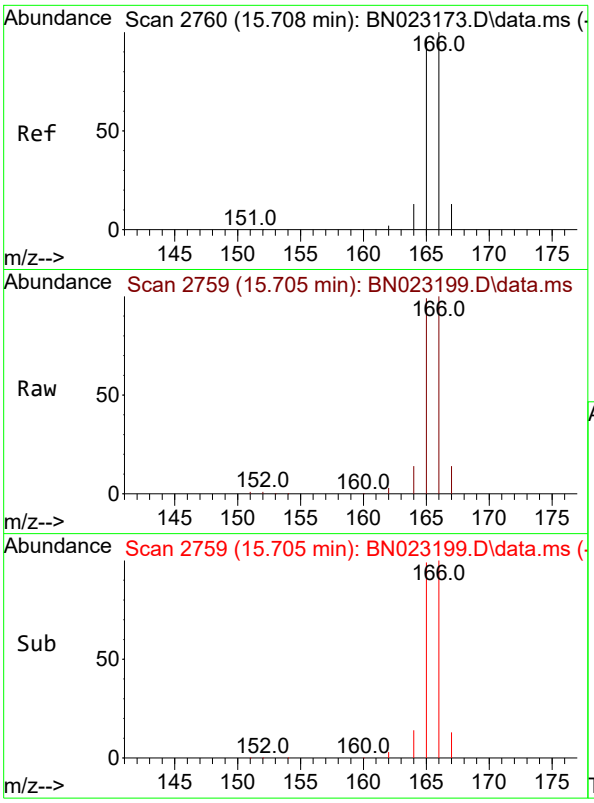


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.719 min Scan# 2546
Delta R.T. -0.005 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:153 Resp: 16123

Ion	Ratio	Lower	Upper
153	100		
152	52.0	41.8	62.8
154	85.8	71.3	106.9



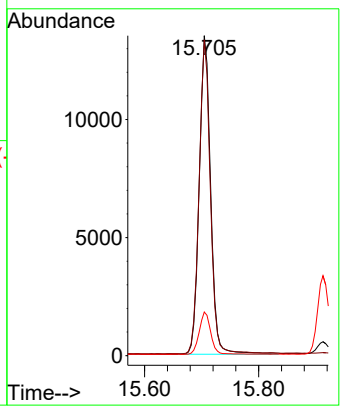


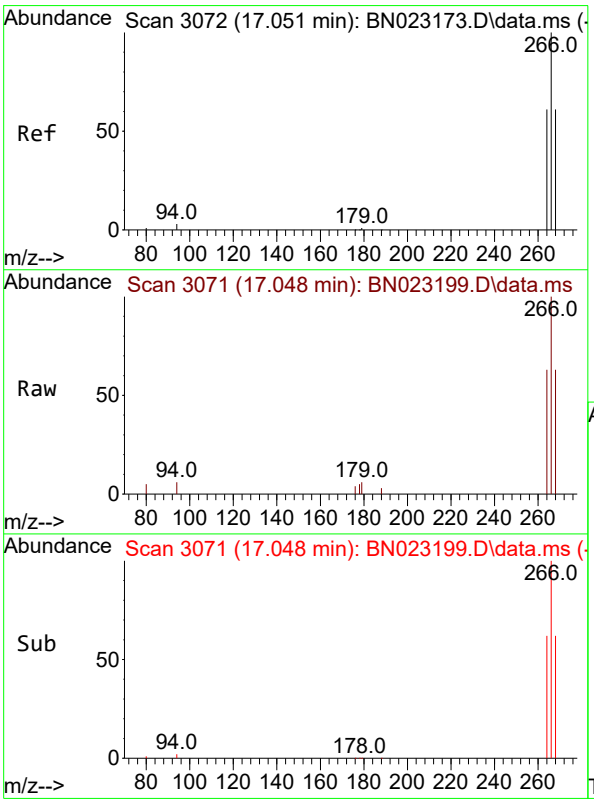
#12
Fluorene
Concen: 0.419 ng/ul
RT: 15.705 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 18699

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.7	118.1
167	13.6	10.8	16.2

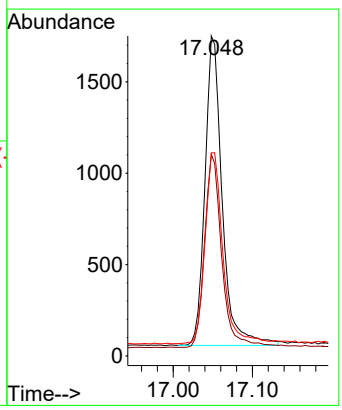


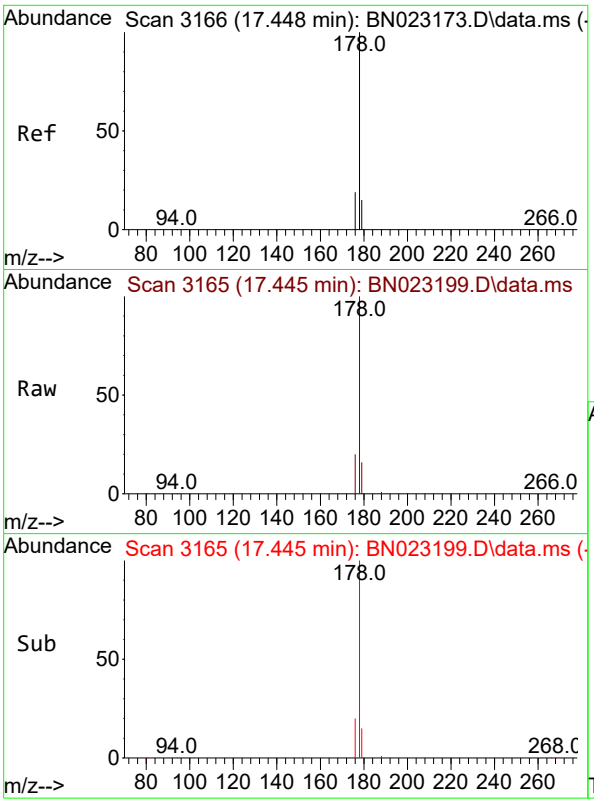


#14
Pentachlorophenol
Concen: 0.533 ng/ul
RT: 17.048 min Scan# 3071
Delta R.T. -0.004 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:266 Resp: 2558

Ion	Ratio	Lower	Upper
266	100		
264	62.1	0.0	0.0#
268	64.0	0.0	0.0#



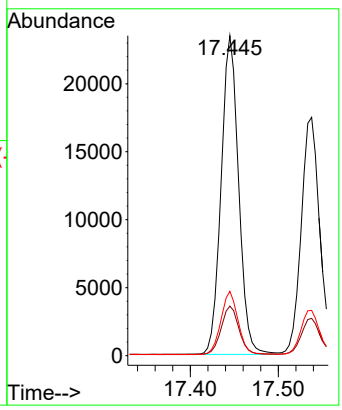


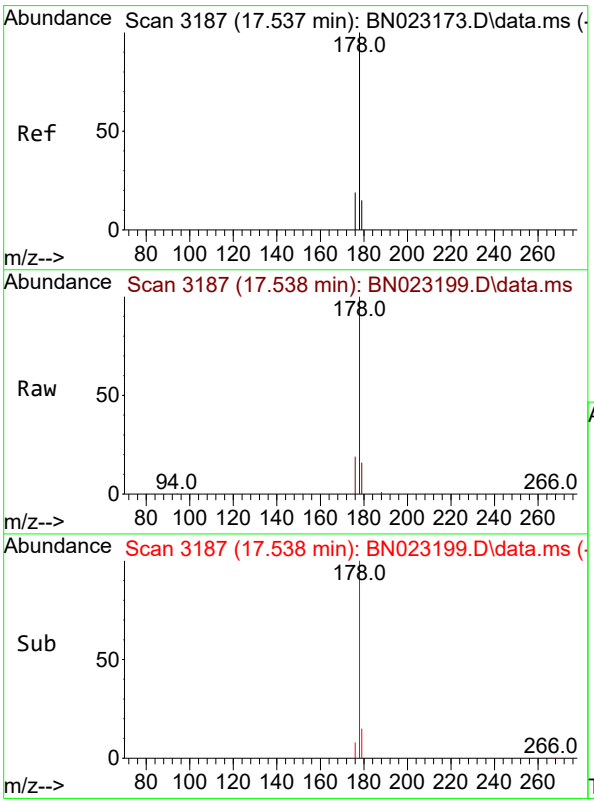
#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.445 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 32416

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	20.1	15.9	23.9

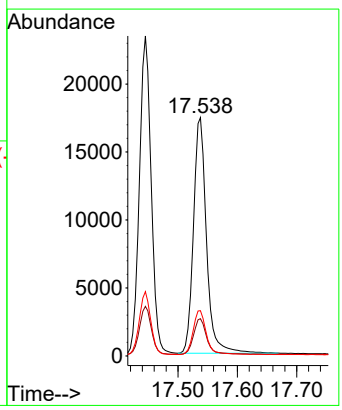


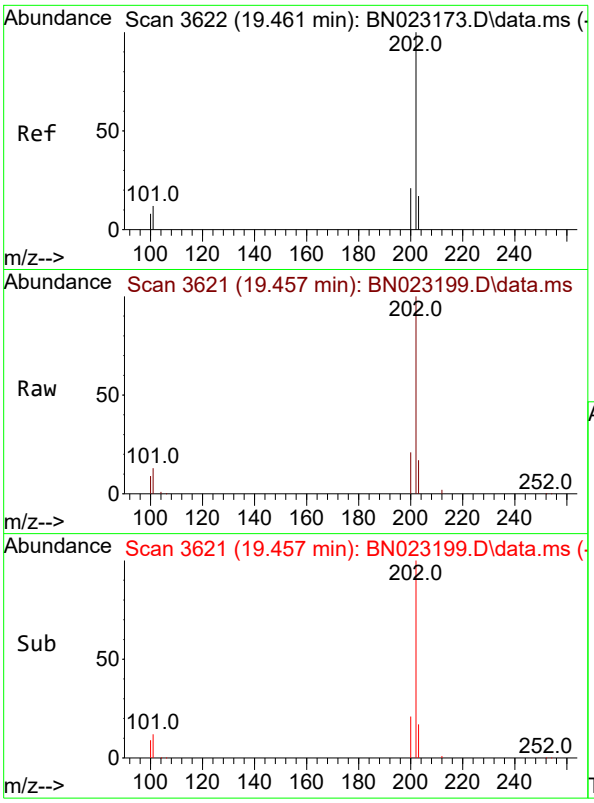


#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:178 Resp: 26357

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.0	15.3	22.9



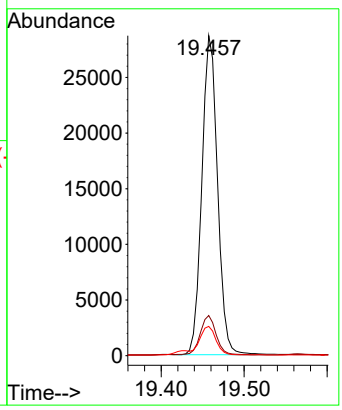


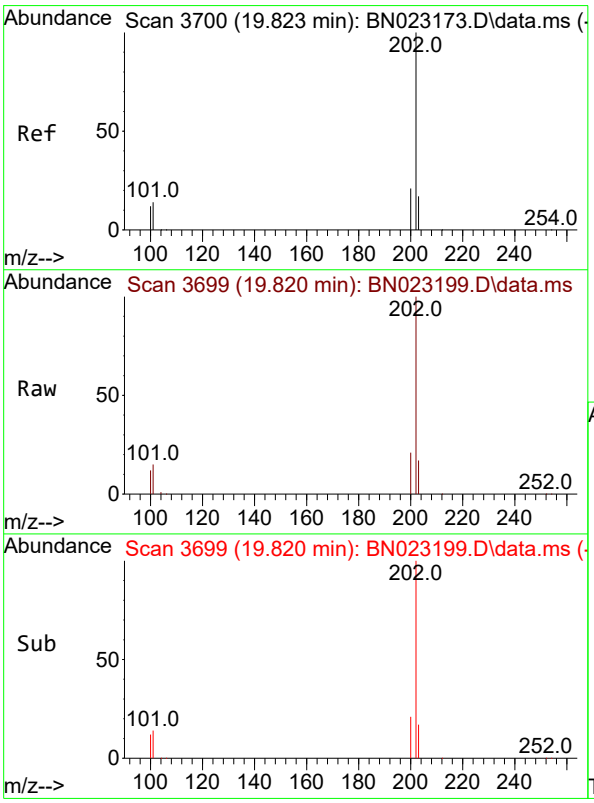
#19
Fluoranthene
Concen: 0.320 ng/ul
RT: 19.457 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 37760

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.2	13.8
100	9.2	6.9	10.3

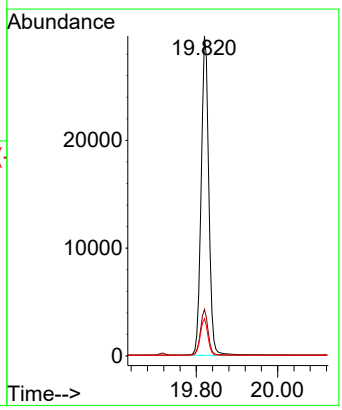


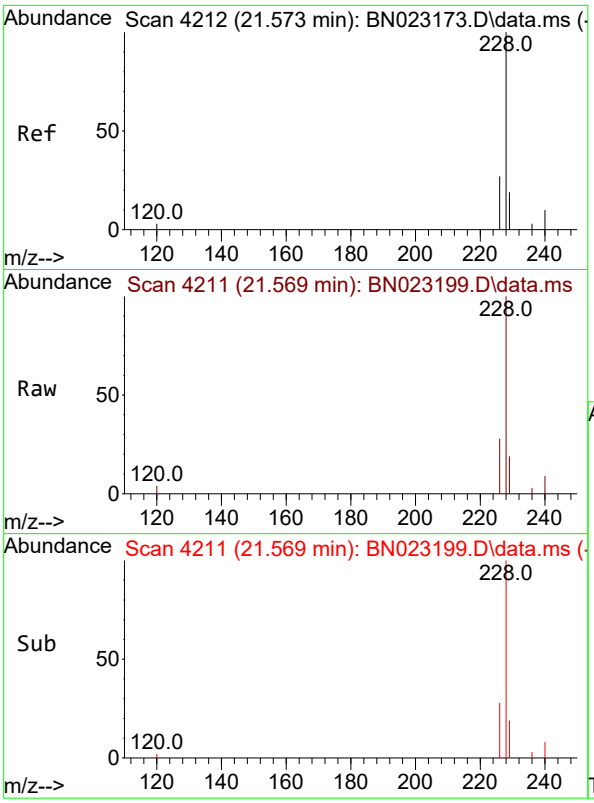


#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.820 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:202 Resp: 38512

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.6	16.0
100	11.7	8.2	12.4



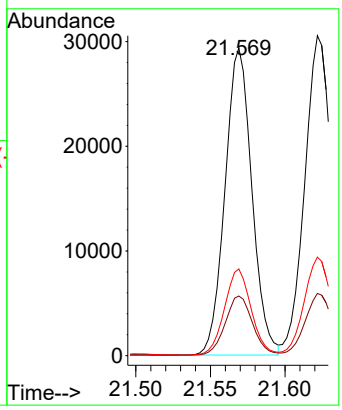


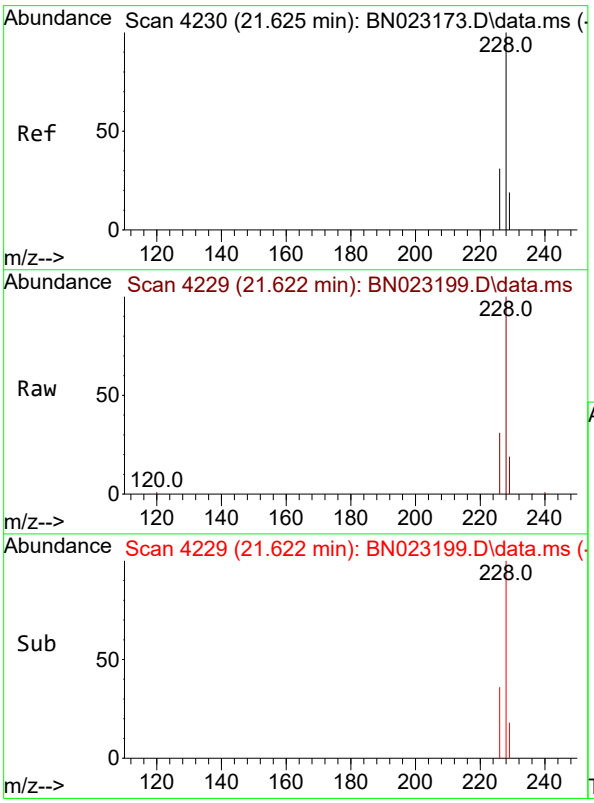
#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.569 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 36778

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.5	23.3
226	28.2	22.2	33.4

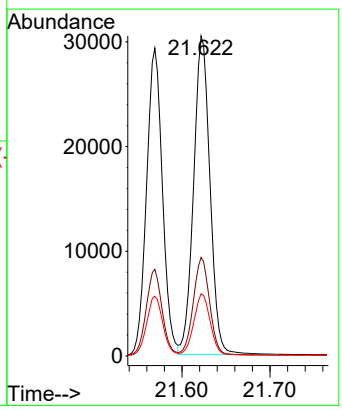


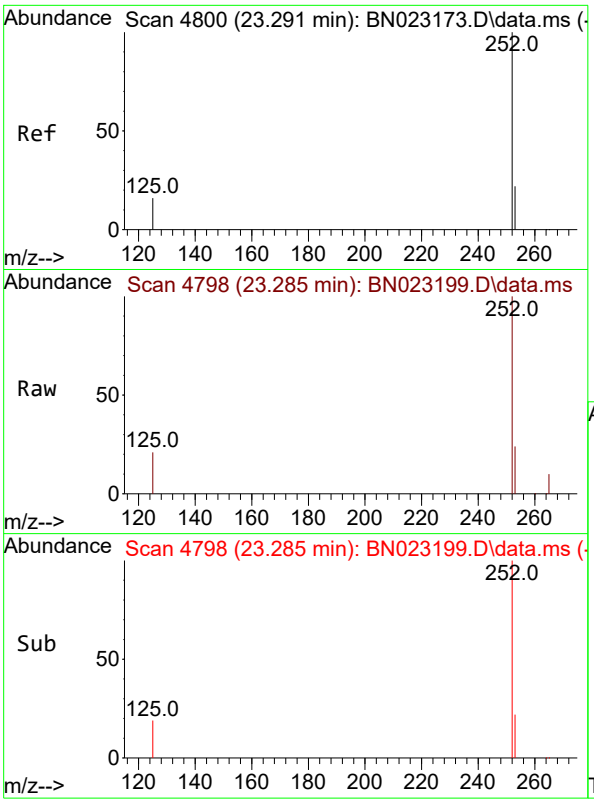


#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.622 min Scan# 4229
Delta R.T. -0.006 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:228 Resp: 39367

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	19.4	15.8	23.8



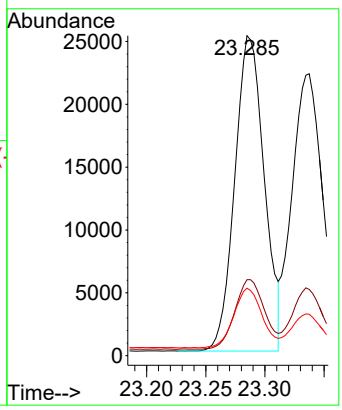


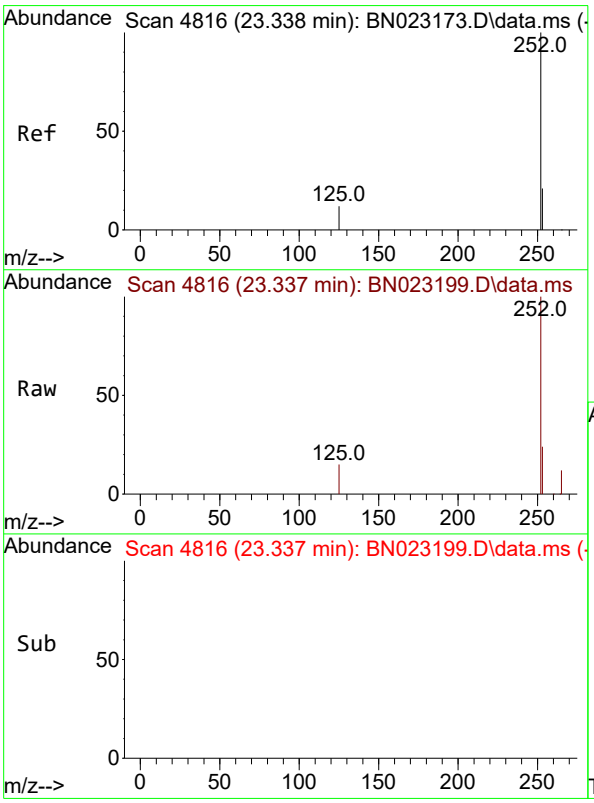
#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 23.285 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 43438

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	46.0
125	21.1	0.0	28.6

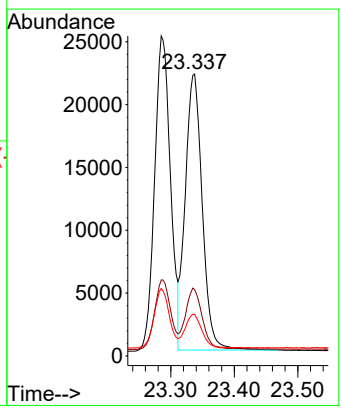


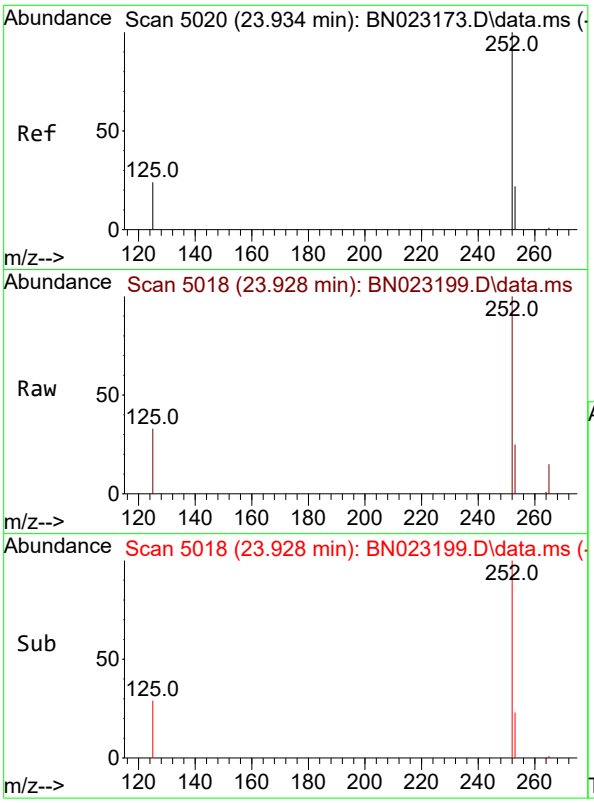


#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul
RT: 23.337 min Scan# 4816
Delta R.T. -0.003 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:252 Resp: 40810

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	14.7	11.3	16.9



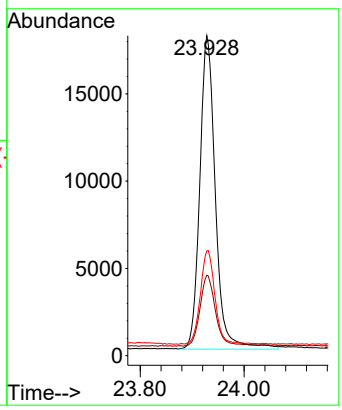


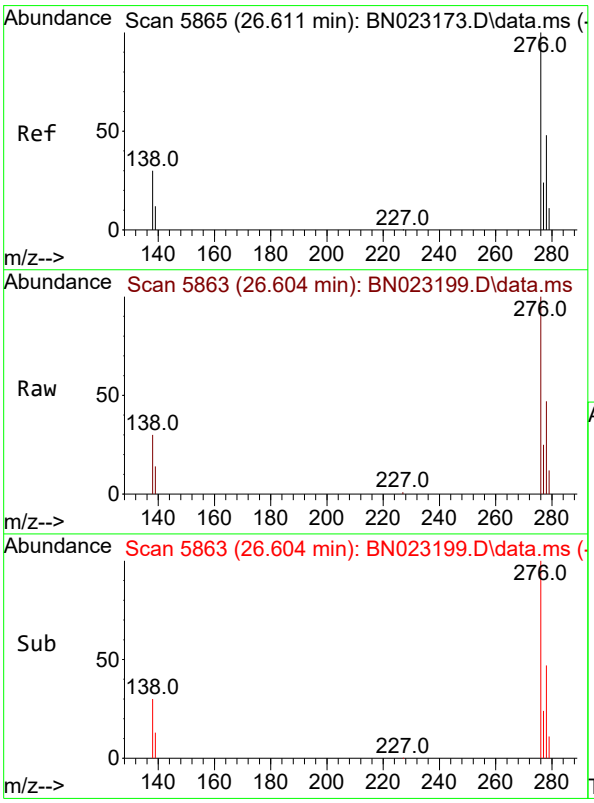
#26
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.928 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 37457

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.7	29.5
125	32.8	13.7	20.5#

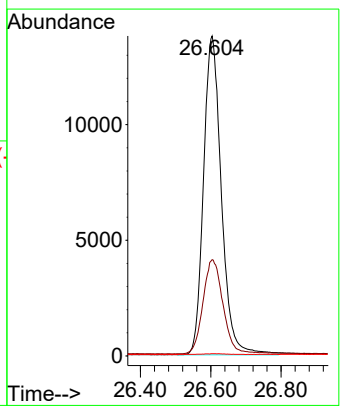


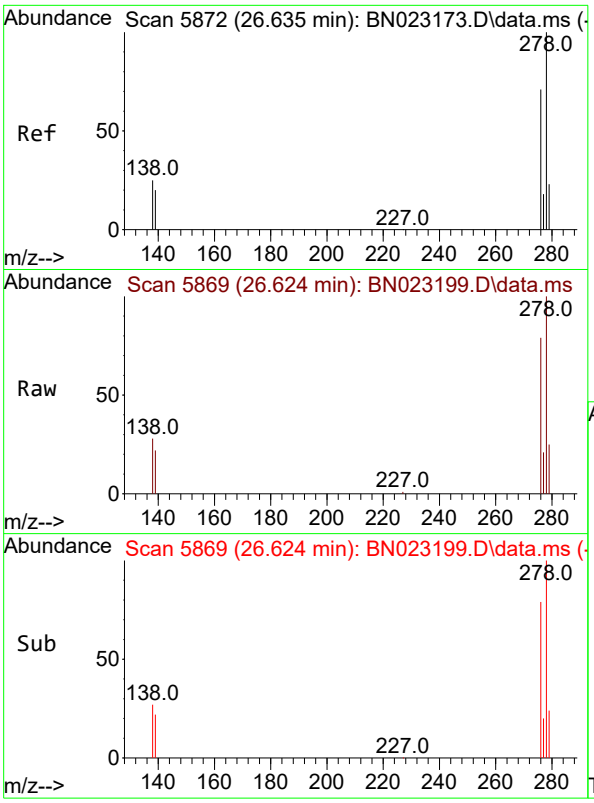


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.531 ng/ul
RT: 26.604 min Scan# 5863
Delta R.T. -0.007 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:276 Resp: 48574

Ion	Ratio	Lower	Upper
276	100		
138	33.2	0.0	0.0#
227	0.2	0.0	0.0#



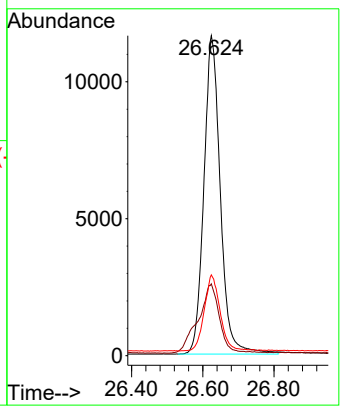


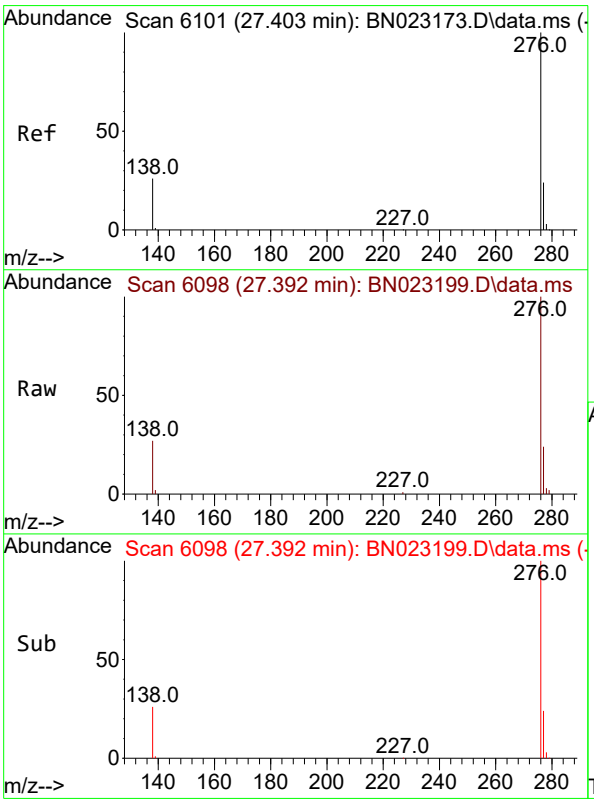
#28
Dibenzo(a,h)anthracene
Concen: 0.514 ng/ul
RT: 26.624 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 37343

Ion	Ratio	Lower	Upper
278	100		
139	22.4	18.3	27.5
279	25.3	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.455 ng/ul
RT: 27.392 min Scan# 6098
Delta R.T. -0.010 min
Lab File: BN023199.D
Acq: 14 Dec 2022 13:13

Tgt Ion:276 Resp: 36293

Ion	Ratio	Lower	Upper
276	100		
138	27.2	22.1	33.1
277	24.3	19.4	29.2