Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023345.D
Acq On : 22 Dec 2022 18:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 22 23:54:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	5731	0.400	ng/ul		0.00
4) Naphthalene-d8	10.815	136	19516	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.645	164	12153	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.390	188	27718	0.400	ng/ul		0.00
17) Chrysene-d12	21.578	240	21915	0.400	ng/ul	#	0.00
23) Perylene-d12	24.025	264	16994	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.349	96	2280	0.366	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.405	152	12683	0.420	ng/ul		0.00
18) Fluoranthene-d10	19.420	212	32034	0.404	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.382	88	2388	0.375	ng/ul	#	92
5) Naphthalene	10.865	128	22676	0.396	ng/ul		99
7) 2-Methylnaphthalene	12.476	142	15093	0.412	ng/ul		99
8) 1-Methylnaphthalene	12.696	142	15641	0.414	ng/ul		100
10) Acenaphthylene	14.368	152	23465	0.436	ng/ul		100
11) Acenaphthene	14.705	153	17858	0.394	ng/ul		99
12) Fluorene	15.691	166	20415	0.400	ng/ul		99
14) Pentachlorophenol	17.044	266	3913	0.509	ng/ul		99
15) Phenanthrene	17.432	178	34158	0.378	ng/ul		100
16) Anthracene	17.525	178	31747	0.424	ng/ul		100
19) Fluoranthene	19.448	202	41022	0.386	ng/ul		100
20) Pyrene	19.811	202	42073	0.393	ng/ul		100
21) Benzo(a)anthracene	21.560	228	36898	0.432	ng/ul		97
22) Chrysene	21.613	228	35512	0.409	ng/ul	#	94
24) Benzo(b)fluoranthene	23.273	252	30823	0.351	ng/ul		99
25) Benzo(k)fluoranthene	23.323	252	29798	0.361	ng/ul		98
26) Benzo(a)pyrene	23.911	252	25714	0.369	ng/ul		98
27) Indeno(1,2,3-cd)pyrene	26.580	276	28583	0.352	ng/ul	#	98
28) Dibenzo(a,h)anthracene	26.600	278	22283	0.354	ng/ul		98
29) Benzo(g,h,i)perylene	27.369	276	23226	0.351	ng/ul		98

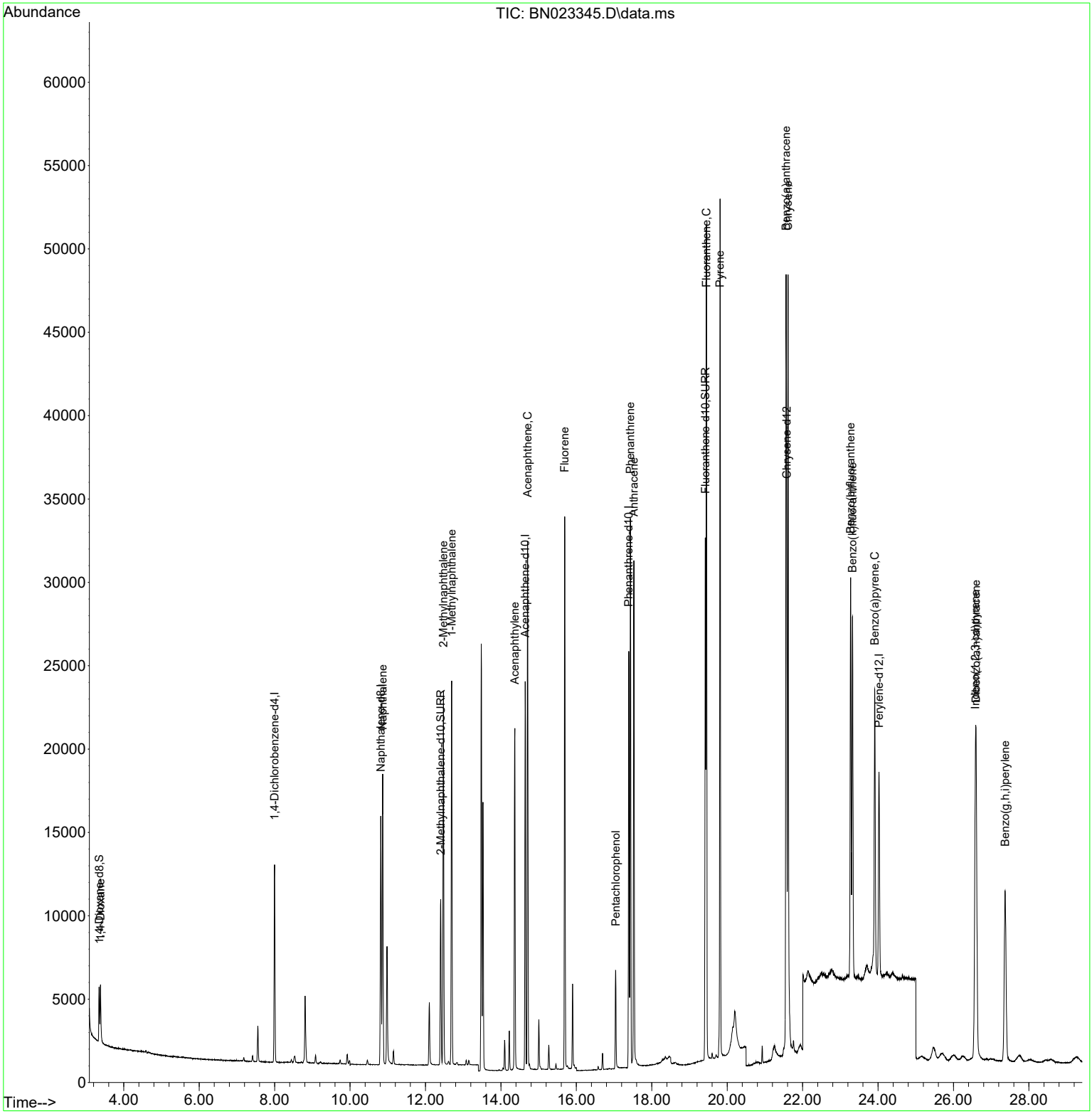
(#) = qualifier out of range (m) = manual integration (+) = signals summed

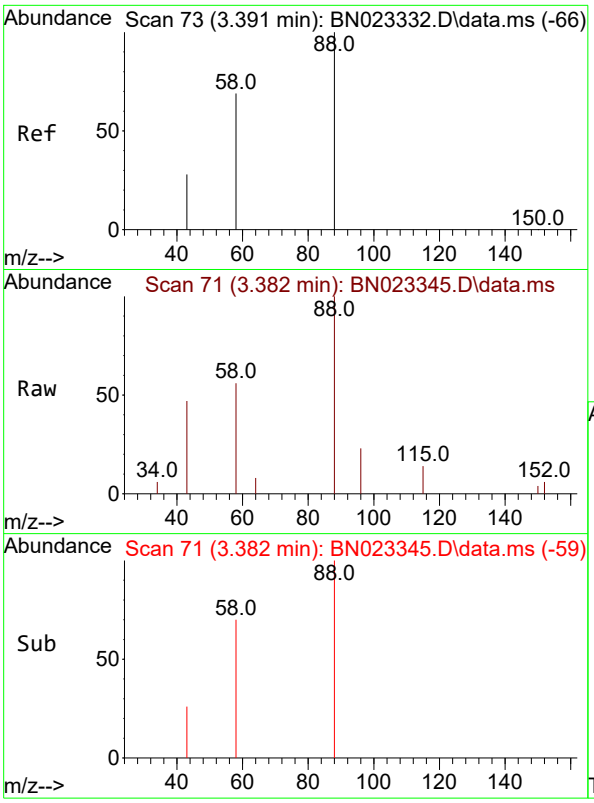
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023345.D
Acq On : 22 Dec 2022 18:43
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 22 23:54:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



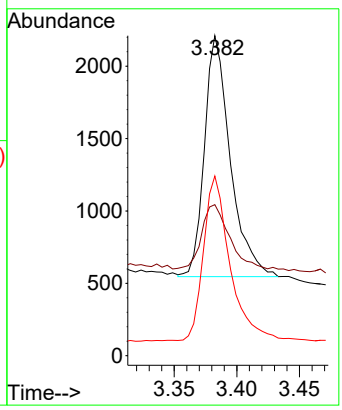


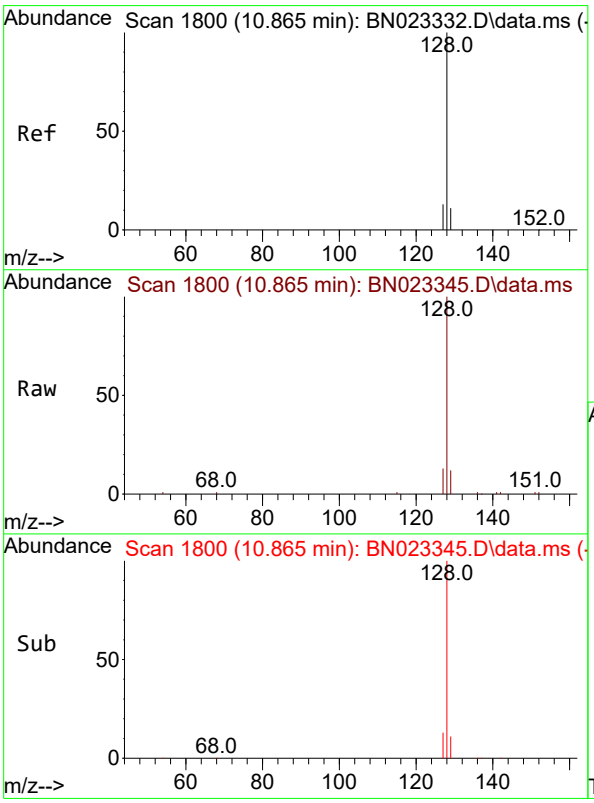
#2
1,4-Dioxane
Concen: 0.375 ng/ul
RT: 3.382 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2388

Ion	Ratio	Lower	Upper
88	100		
43	47.2	28.4	42.6#
58	56.2	45.6	68.4

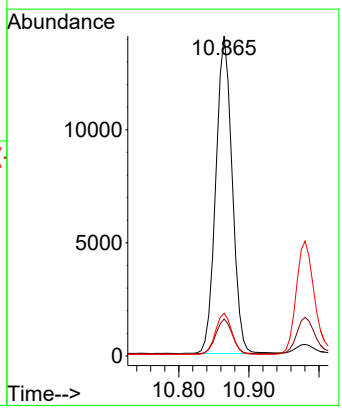


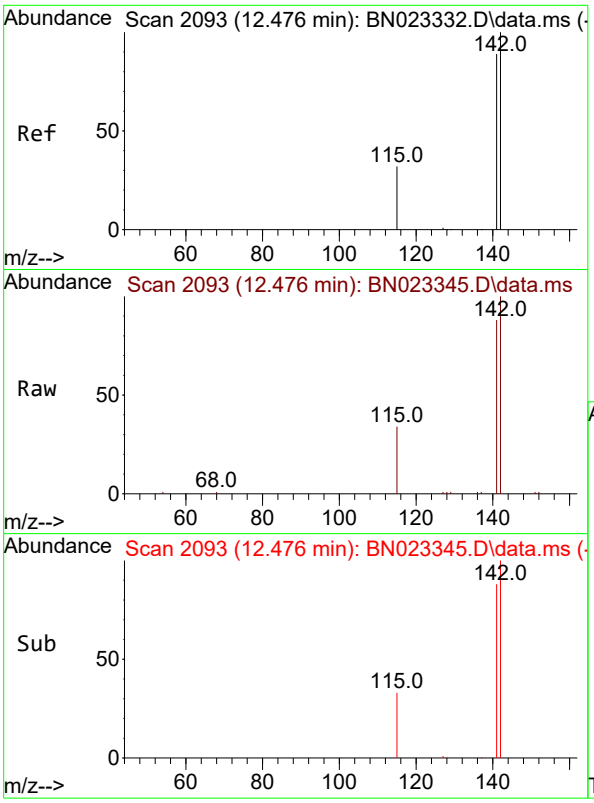


#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:128 Resp: 22676

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.3	10.7	16.1



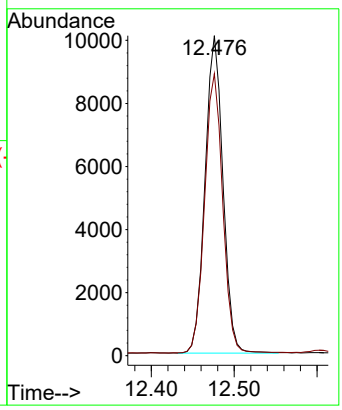


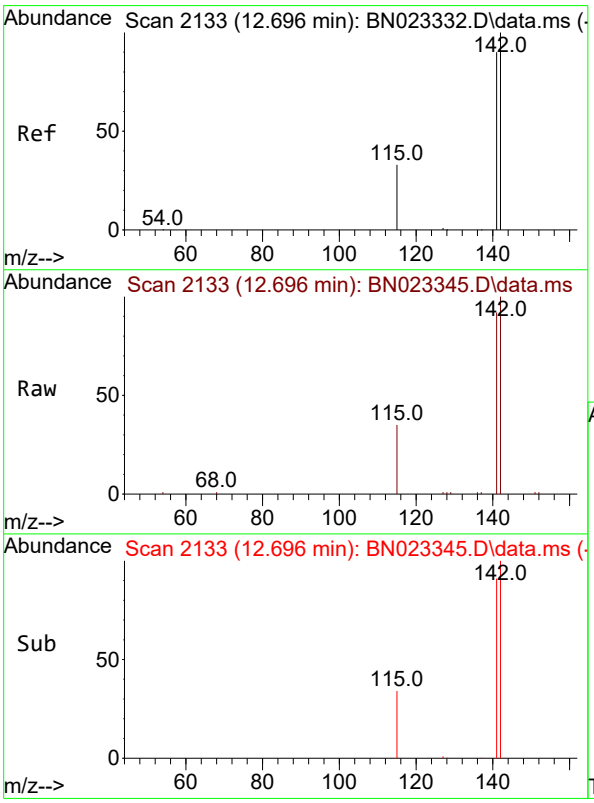
#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.476 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 15093

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2

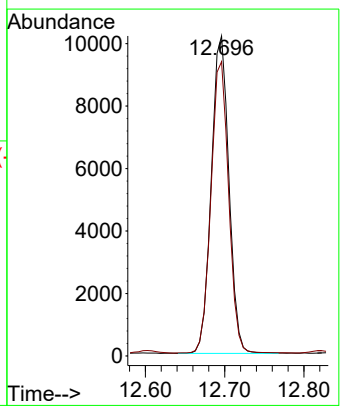


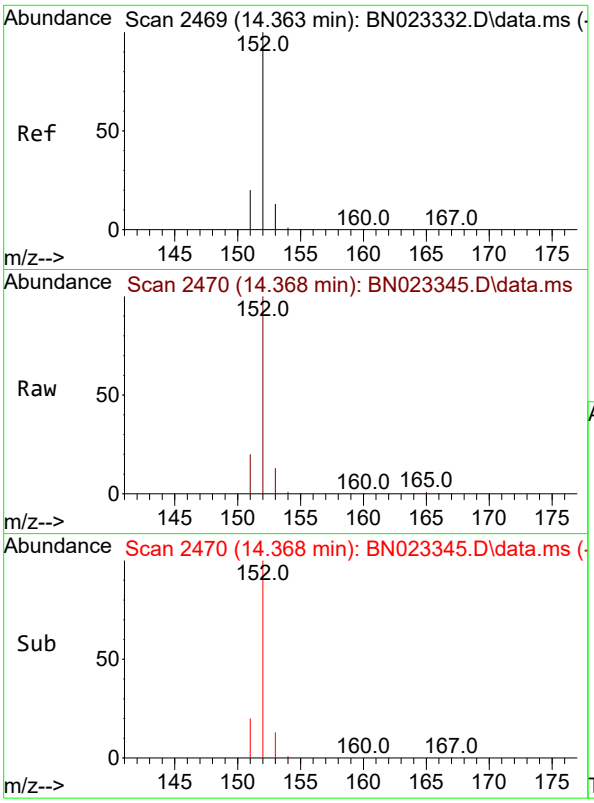


#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:142 Resp: 15641

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.0	111.0



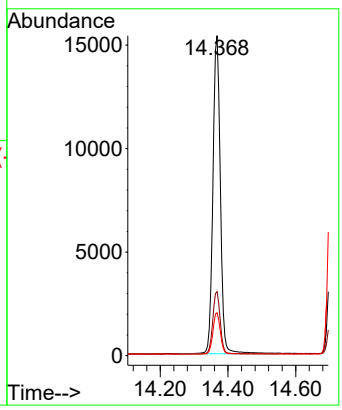


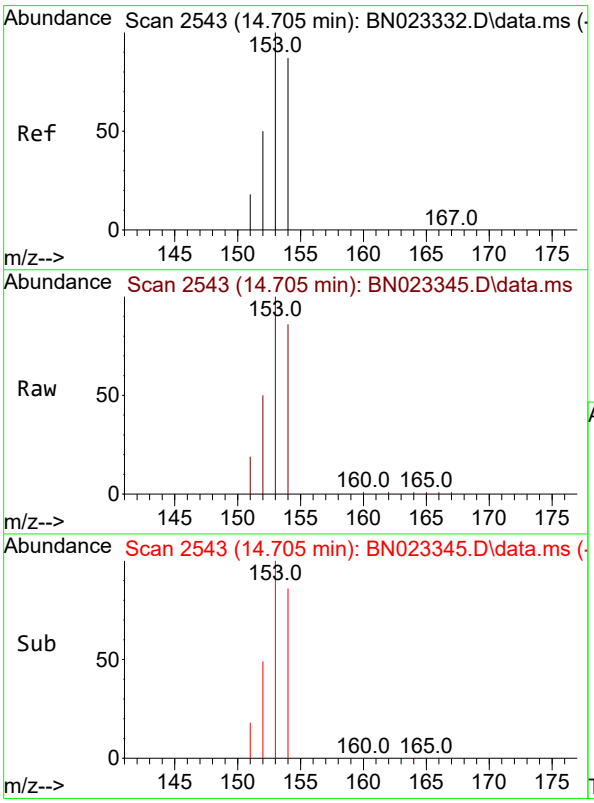
#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.368 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 23465

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.4	10.9	16.3

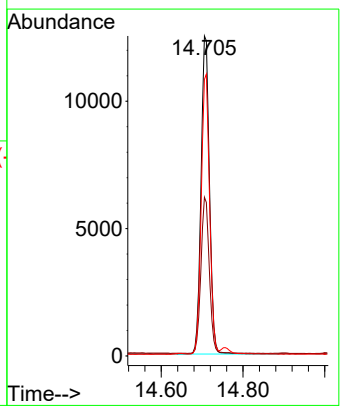


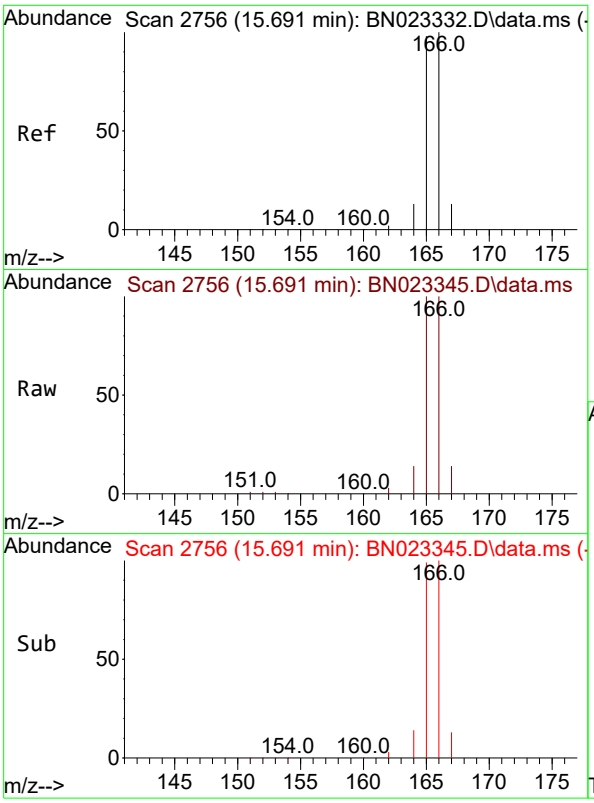


#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:153 Resp: 17858

Ion	Ratio	Lower	Upper
153	100		
152	49.6	41.0	61.4
154	86.4	69.5	104.3



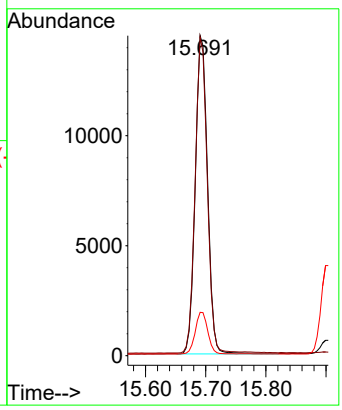


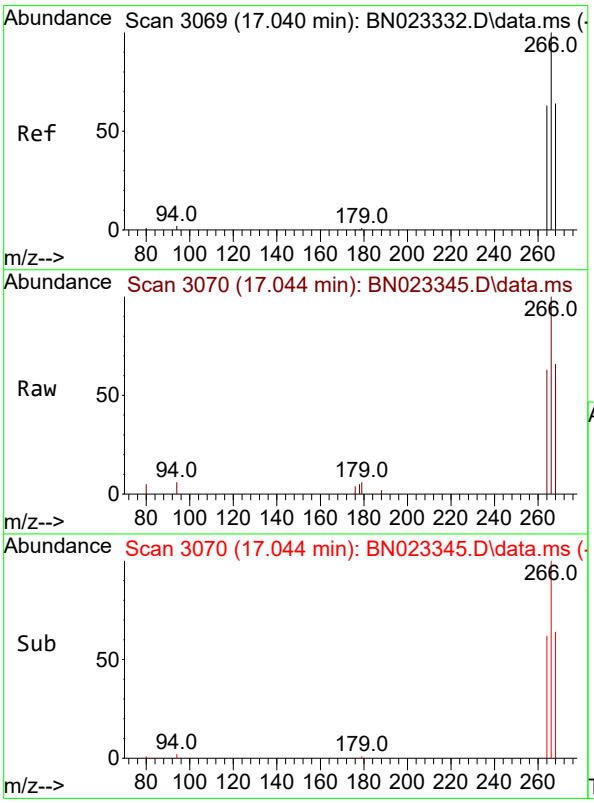
#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.691 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 20415

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.1	118.7
167	13.6	11.0	16.4

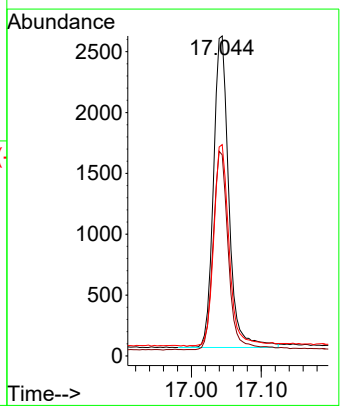


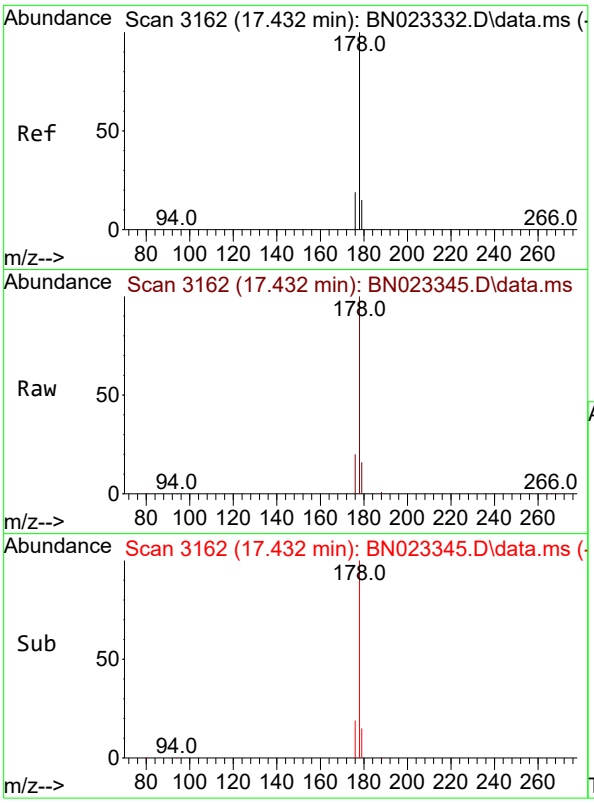


#14
Pentachlorophenol
Concen: 0.509 ng/ul
RT: 17.044 min Scan# 3070
Delta R.T. 0.003 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:266 Resp: 3913

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.6
268	64.9	51.4	77.0



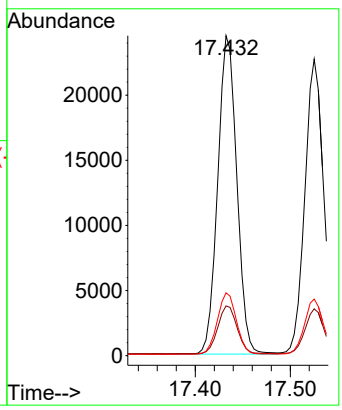


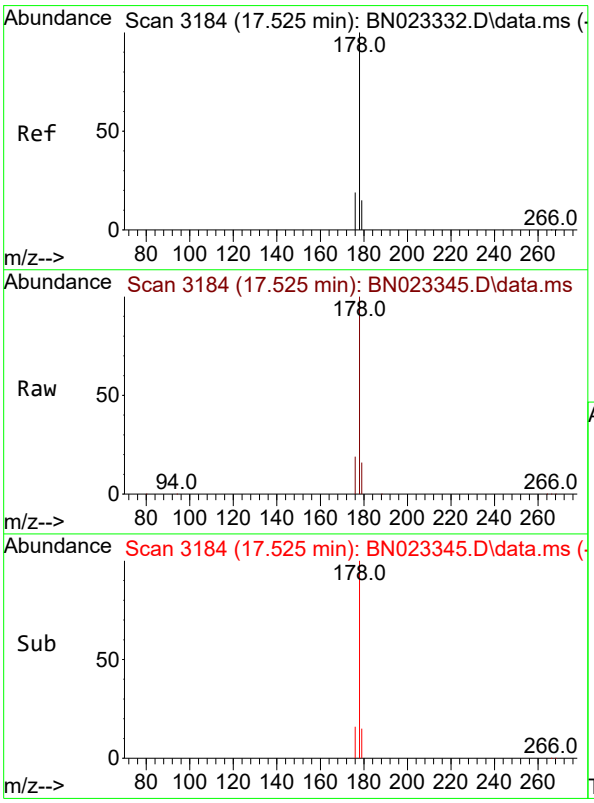
#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.432 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 34158

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.7	15.7	23.5

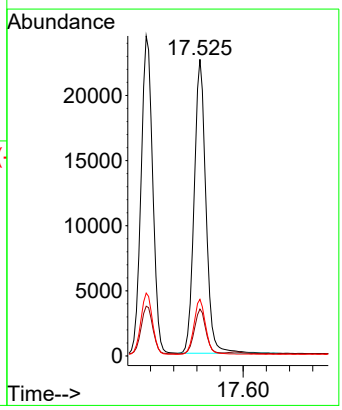


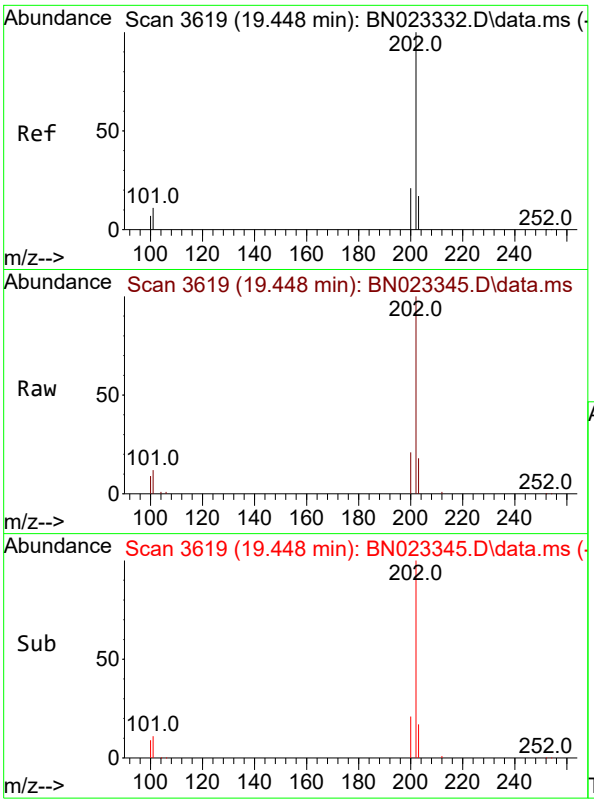


#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:178 Resp: 31747

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.1	15.4	23.0



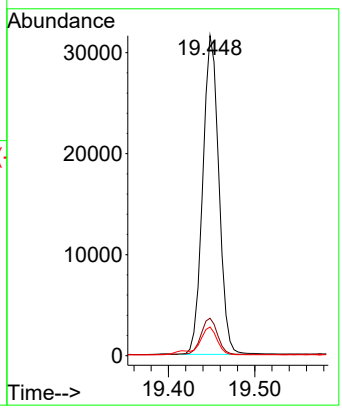


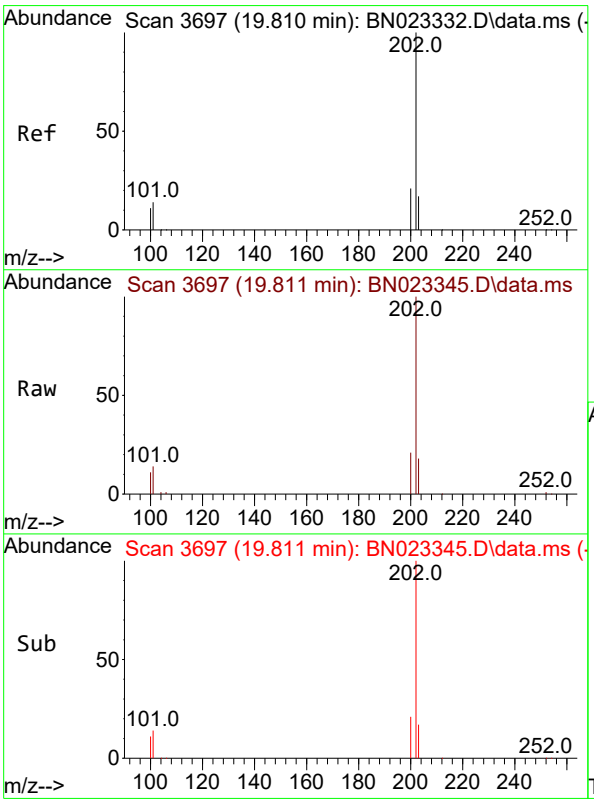
#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.448 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 41022

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.2
100	9.0	7.0	10.6

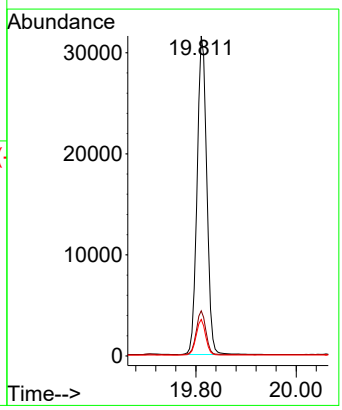


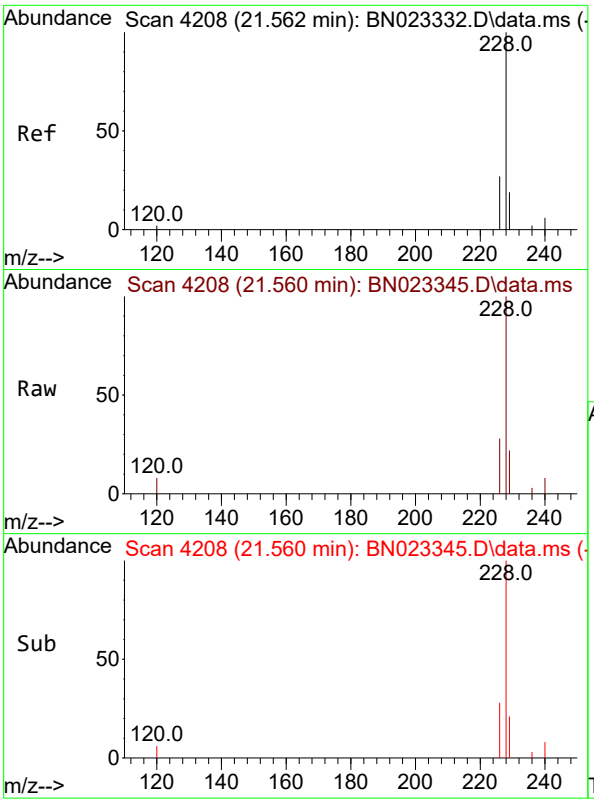


#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:202 Resp: 42073

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.3	16.9
100	11.4	9.0	13.4



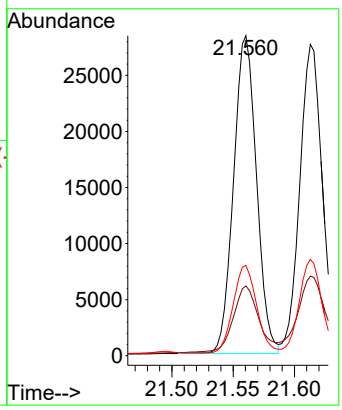


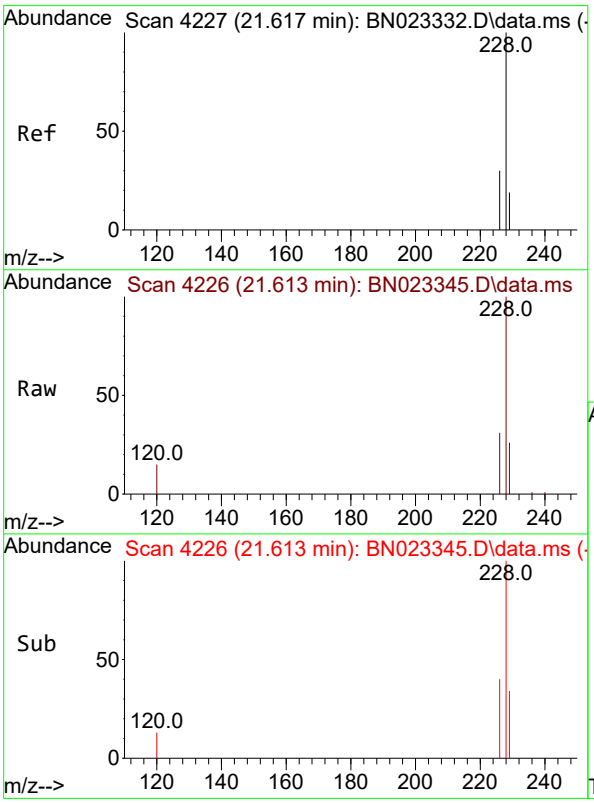
#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.560 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 36898

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.6	23.4
226	28.2	22.2	33.2

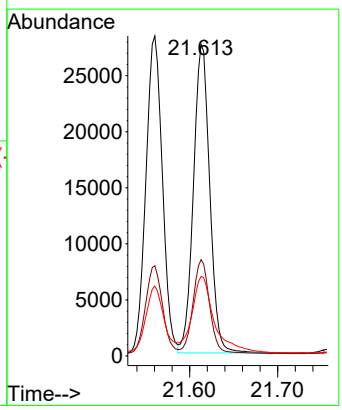


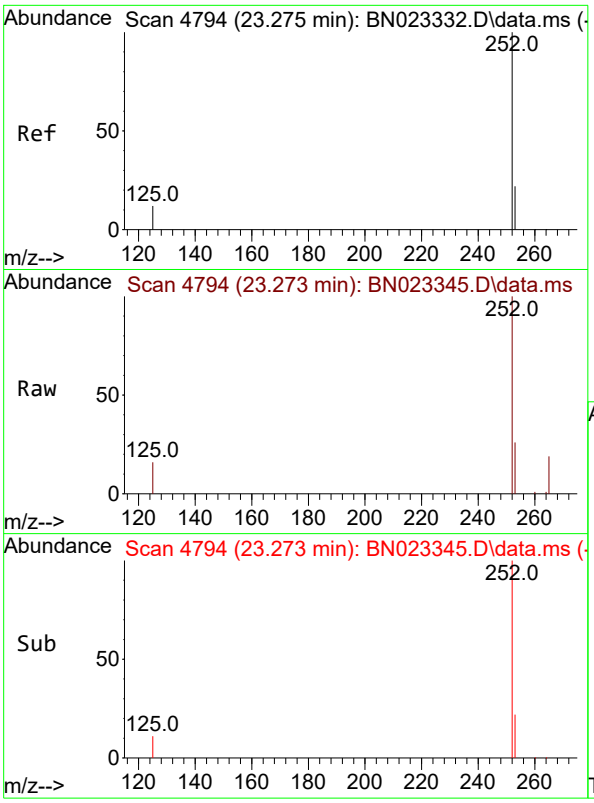


#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:228 Resp: 35512

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	25.5	15.8	23.6#



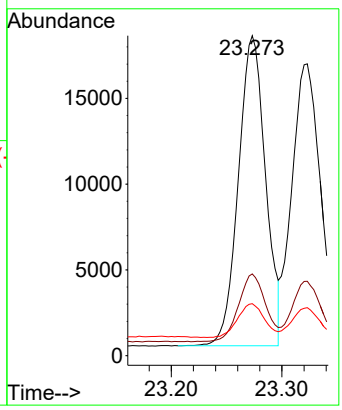


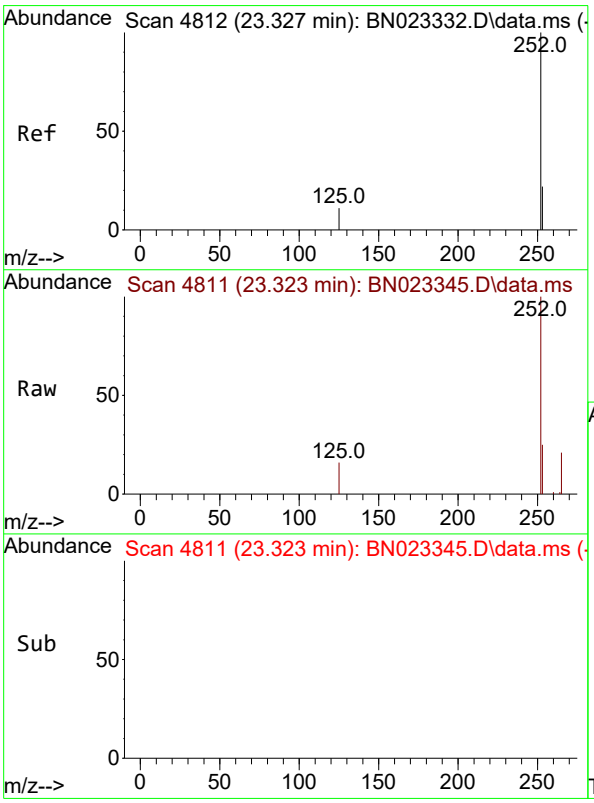
#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.273 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 30823

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	49.2
125	16.2	0.0	31.8

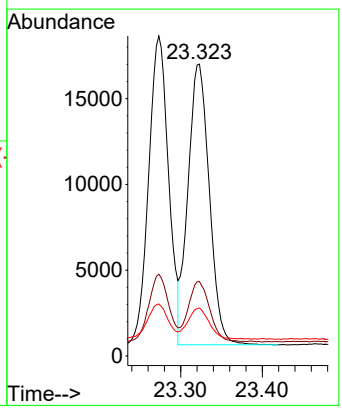


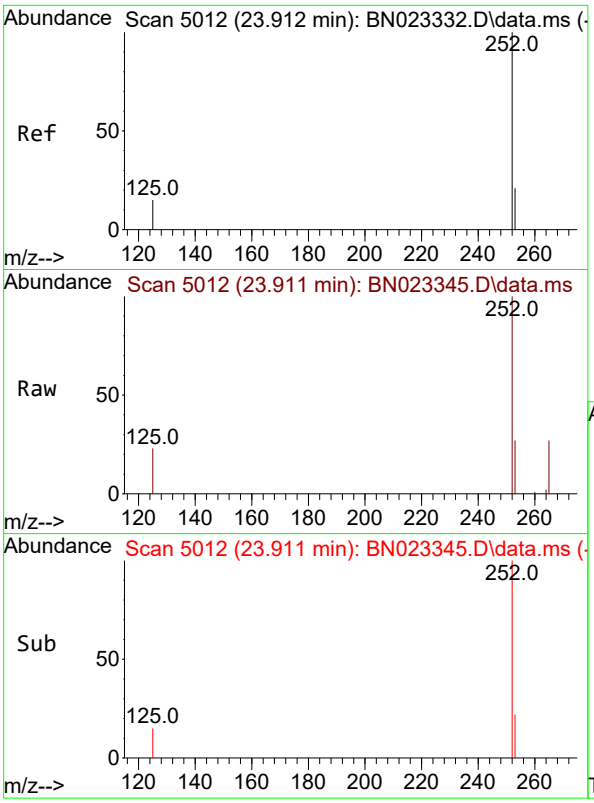


#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:252 Resp: 29798

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.8	29.6
125	16.4	12.6	18.8



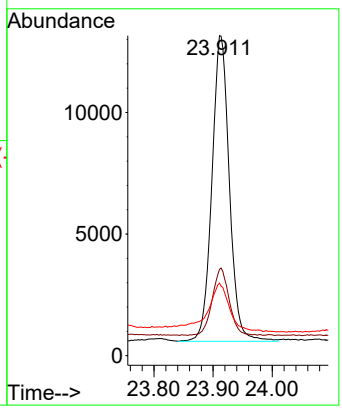


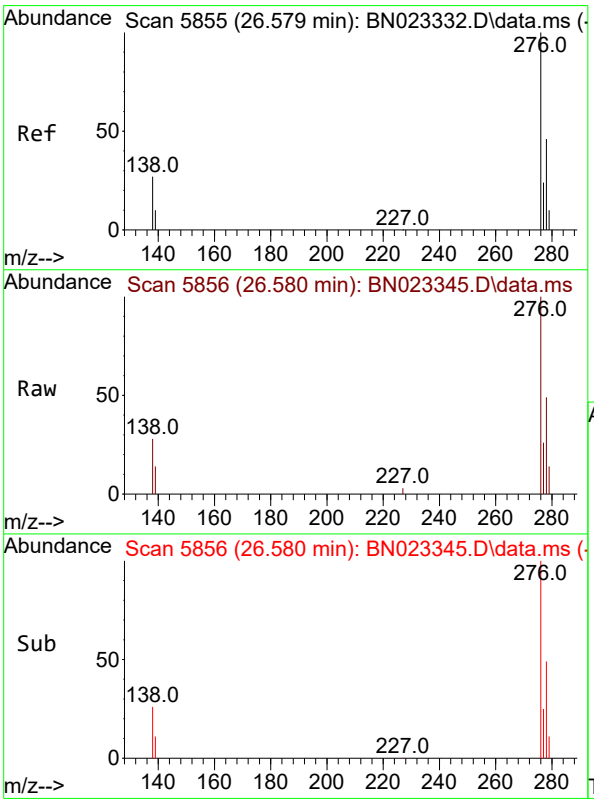
#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.911 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25714

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.4	32.2
125	22.7	16.2	24.4

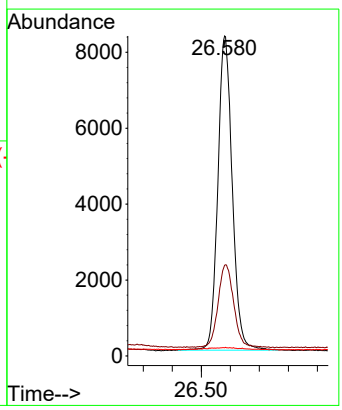


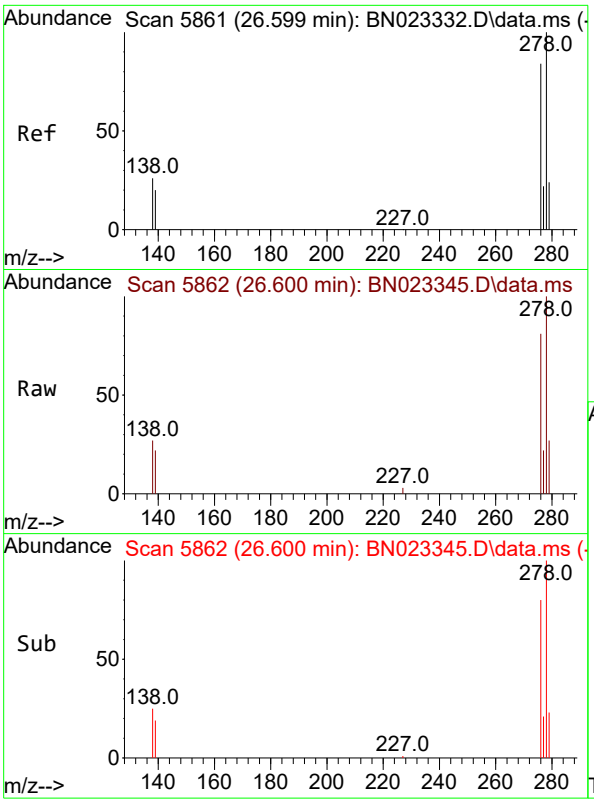


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:276 Resp: 28583

Ion	Ratio	Lower	Upper
276	100		
138	28.4	23.4	35.2
227	1.5	0.0	0.0#



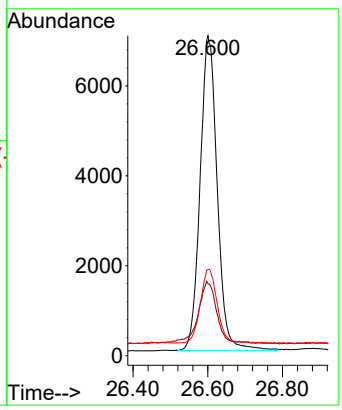


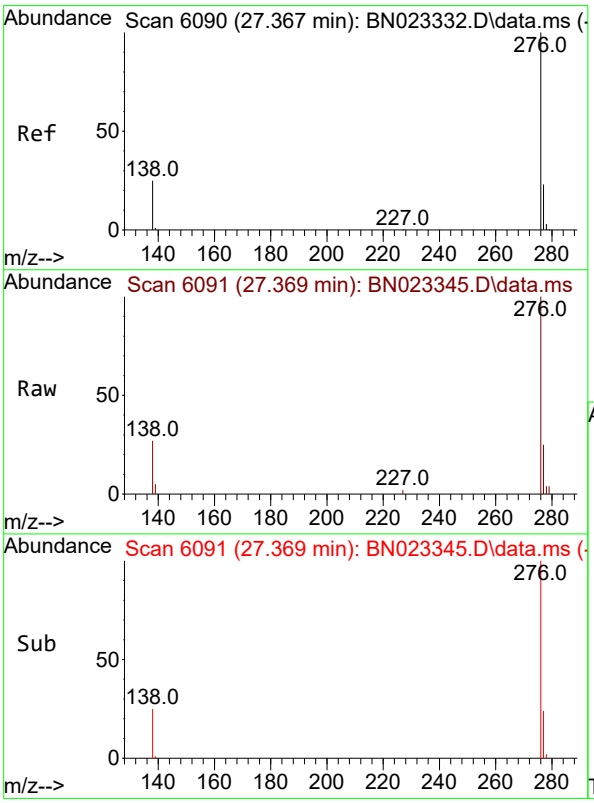
#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.600 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 22283

Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.6	24.8
279	26.9	21.3	31.9





#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.369 min Scan# 6091
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:276 Resp: 23226

Ion	Ratio	Lower	Upper
276	100		
138	27.5	20.3	30.5
277	25.0	19.7	29.5