Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042023\
Data File : BN025045.D
Acq On : 20 Apr 2023 21:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 21 04:27:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 04:13:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6526	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	20674	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.575	164	11655	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	24698	0.400	ng/ul	0.00
17) Chrysene-d12	21.511	240	16979	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	13364	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	3286	0.486	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	11639	0.438	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	23227	0.519	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.344	88	3520	0.484	ng/ul	96
5) Naphthalene	10.792	128	23079	0.436	ng/ul	100
7) 2-Methylnaphthalene	12.404	142	14231	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.624	142	15227	0.440	ng/ul	99
10) Acenaphthylene	14.293	152	18927	0.436	ng/ul	99
11) Acenaphthene	14.635	153	16561	0.453	ng/ul	99
12) Fluorene	15.625	166	18352	0.449	ng/ul	100
14) Pentachlorophenol	16.980	266	1600	0.330	ng/ul	99
15) Phenanthrene	17.364	178	29928	0.429	ng/ul	100
16) Anthracene	17.457	178	23597	0.414	ng/ul	100
19) Fluoranthene	19.382	202	32198	0.524	ng/ul	99
20) Pyrene	19.745	202	32562	0.516	ng/ul	99
21) Benzo(a)anthracene	21.497	228	22513	0.440	ng/ul	99
22) Chrysene	21.552	228	25908	0.464	ng/ul	99
24) Benzo(b)fluoranthene	23.201	252	23954	0.442	ng/ul	99
25) Benzo(k)fluoranthene	23.253	252	23303	0.447	ng/ul	99
26) Benzo(a)pyrene	23.844	252	19143	0.427	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.477	276	22639	0.438	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.504	278	17249	0.427	ng/ul	99
29) Benzo(g,h,i)perylene	27.252	276	20213	0.460	ng/ul	99

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

Quantitation Report (Not Reviewed)

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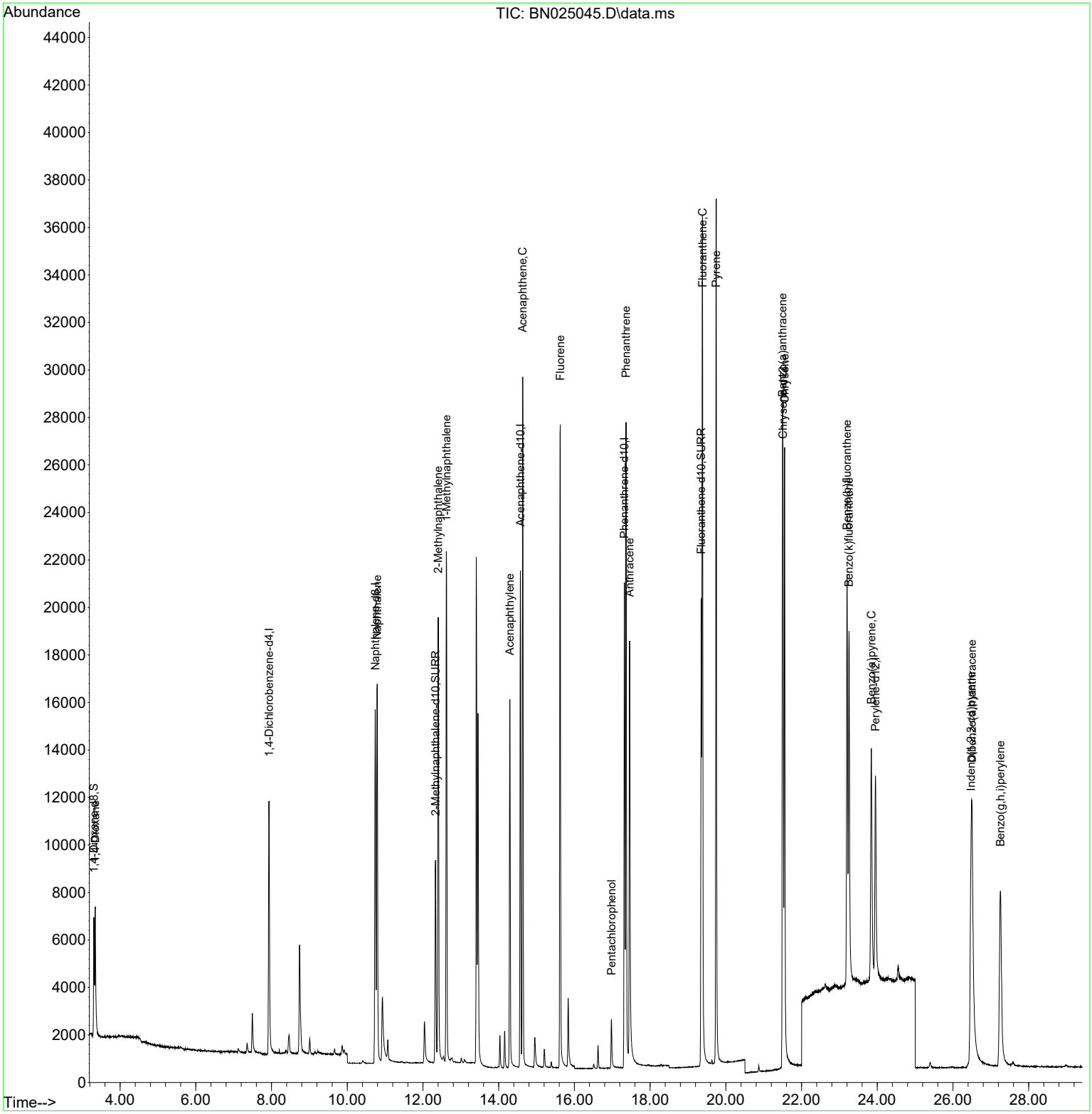
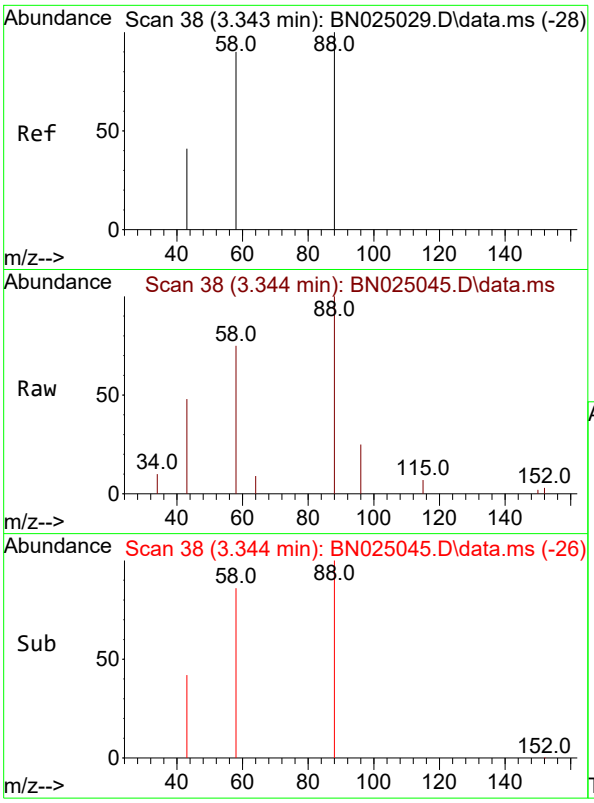


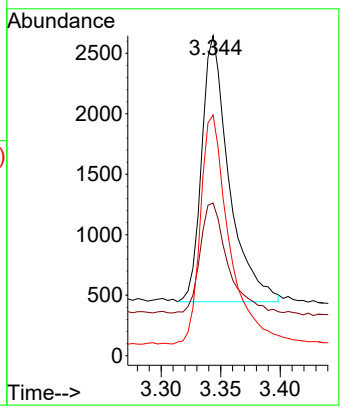


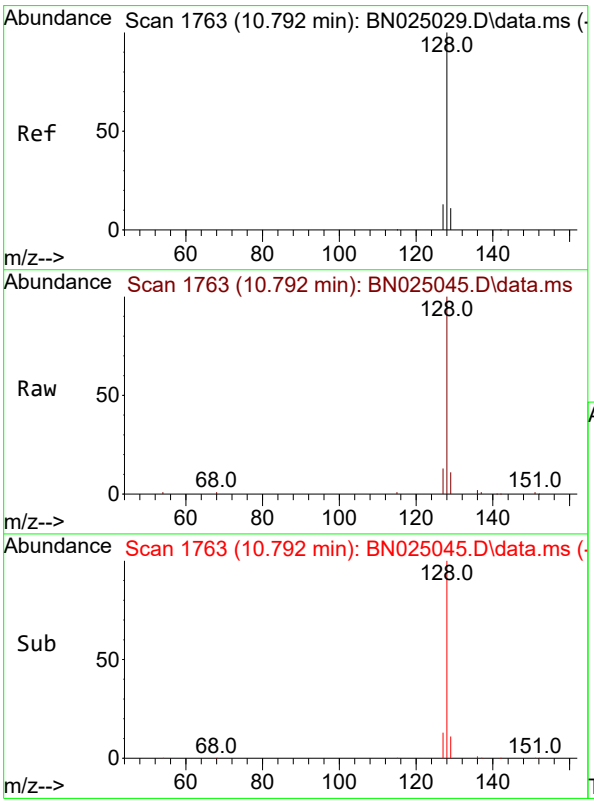
#2
1,4-Dioxane
Concen: 0.484 ng/ul
RT: 3.344 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 3520

Ion	Ratio	Lower	Upper
88	100		
43	47.7	37.0	55.4
58	75.2	56.9	85.3

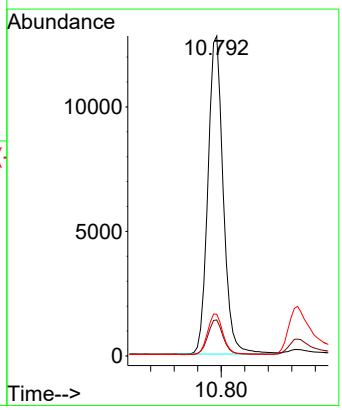


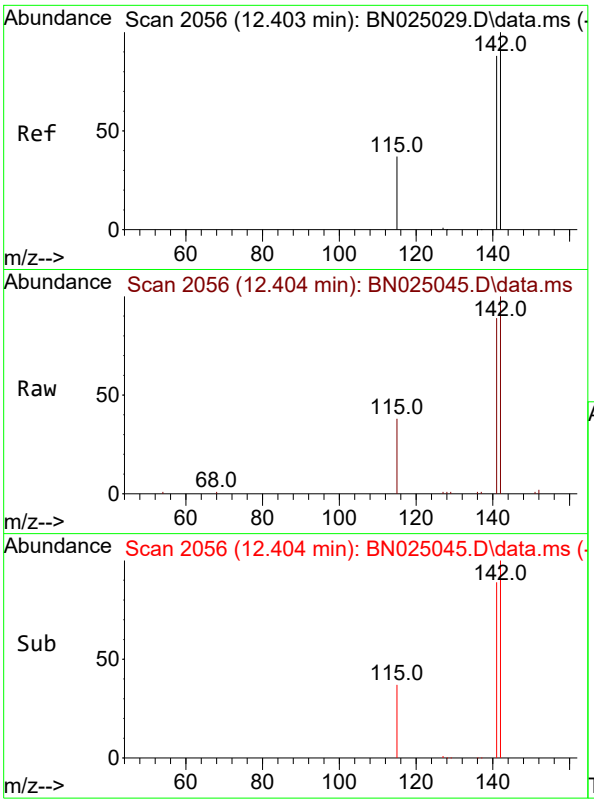


#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:128 Resp: 23079

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	10.7	16.1



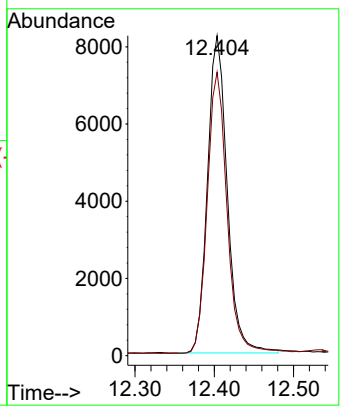


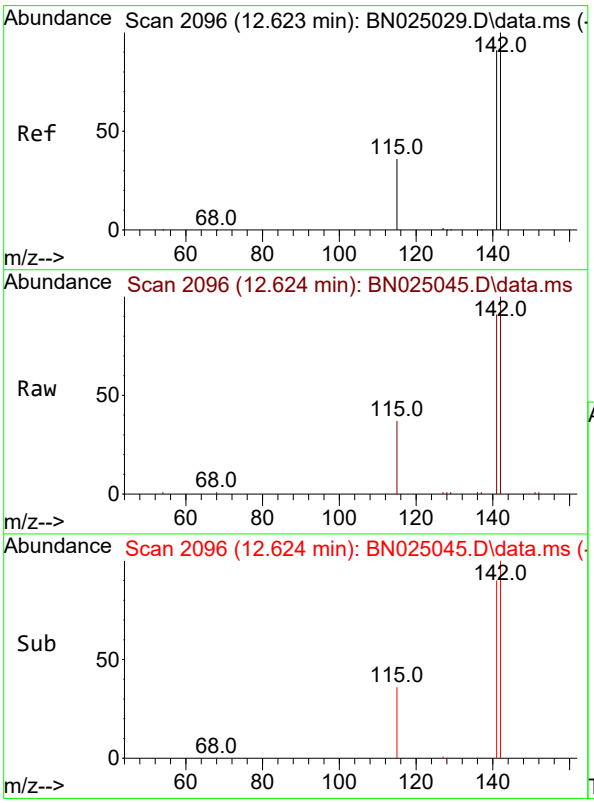
#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 14231

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.0

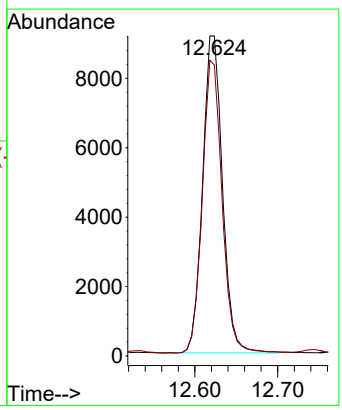


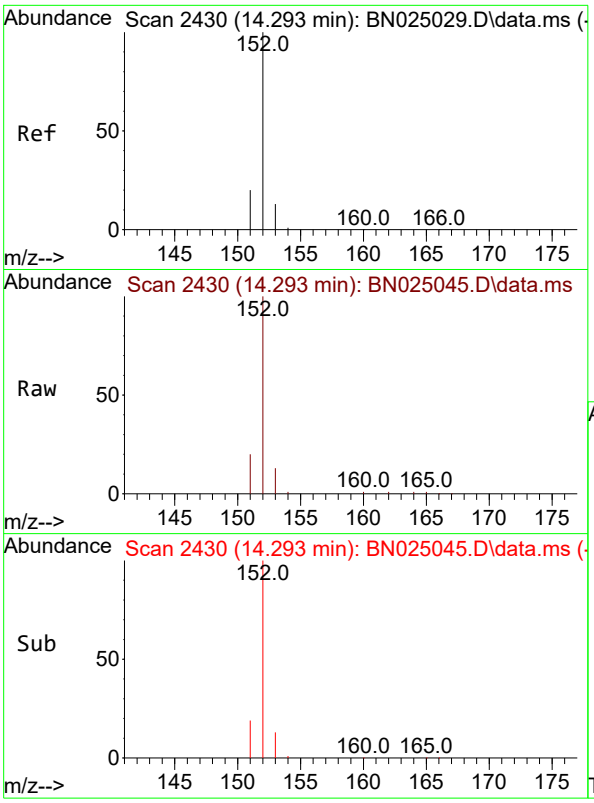


#8
1-Methylnaphthalene
Concen: 0.440 ng/ul
RT: 12.624 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:142 Resp: 15227

Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.6



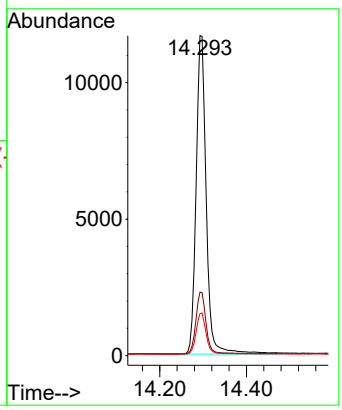


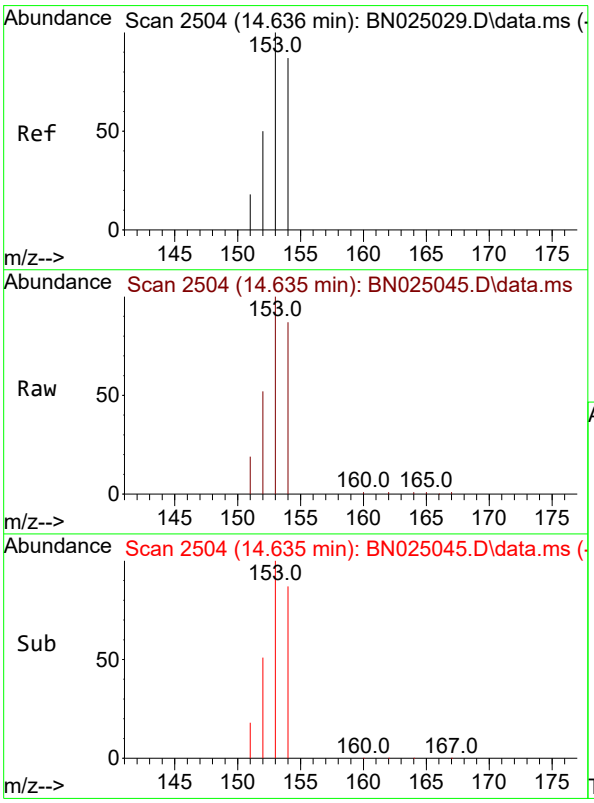
#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.293 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 18927

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.1	10.8	16.2

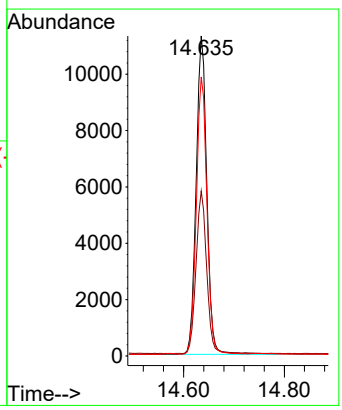


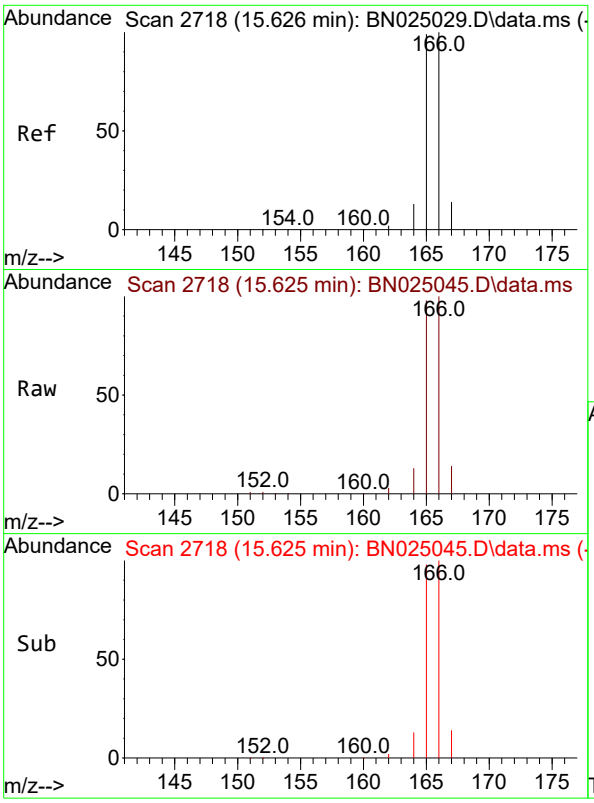


#11
Acenaphthene
Concen: 0.453 ng/ul
RT: 14.635 min Scan# 2504
Delta R.T. -0.001 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:153 Resp: 16561

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.2	60.4
154	87.2	69.4	104.2



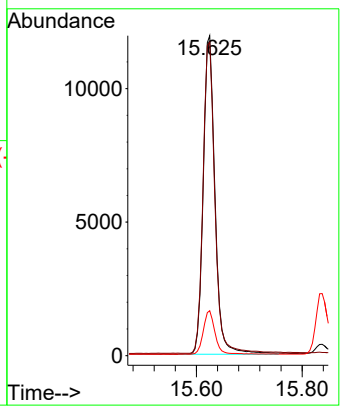


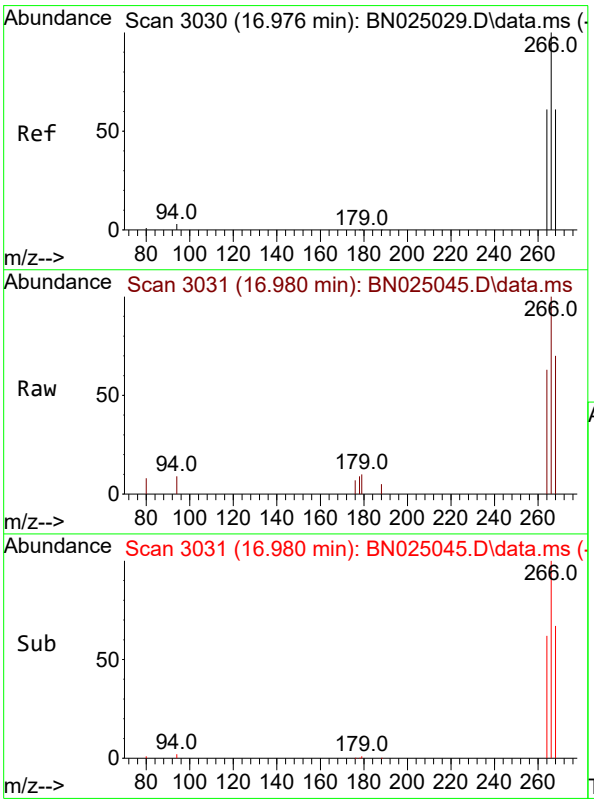
#12
Fluorene
Concen: 0.449 ng/ul
RT: 15.625 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 18352

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.1	117.1
167	14.1	11.0	16.6

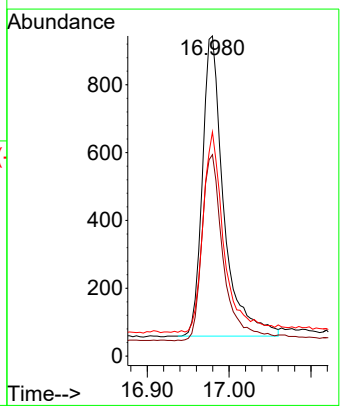


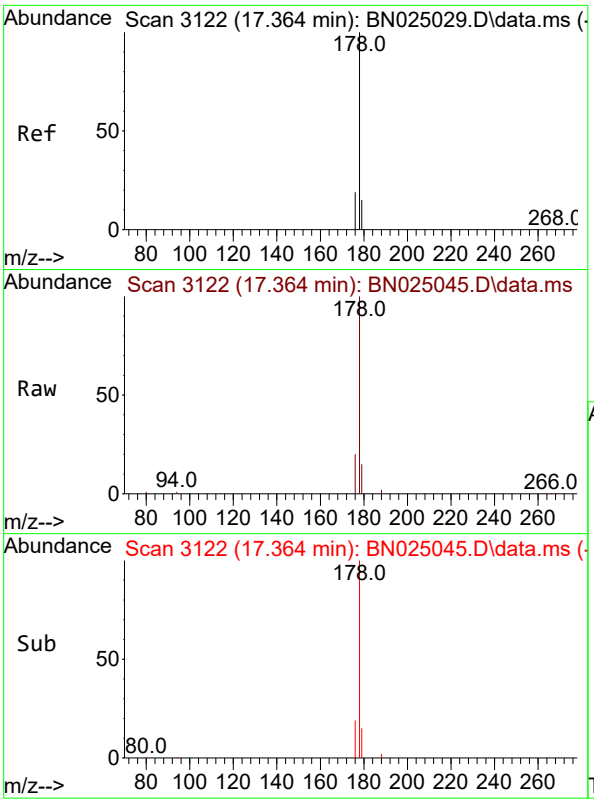


#14
Pentachlorophenol
Concen: 0.330 ng/ul
RT: 16.980 min Scan# 3031
Delta R.T. 0.004 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:266 Resp: 1600

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.6	74.4
268	65.1	51.3	76.9



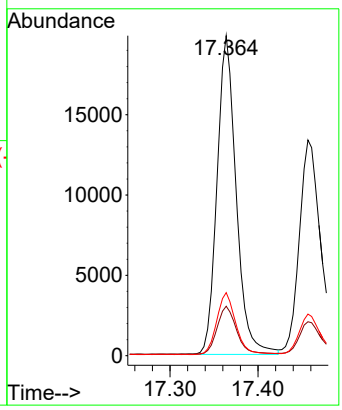


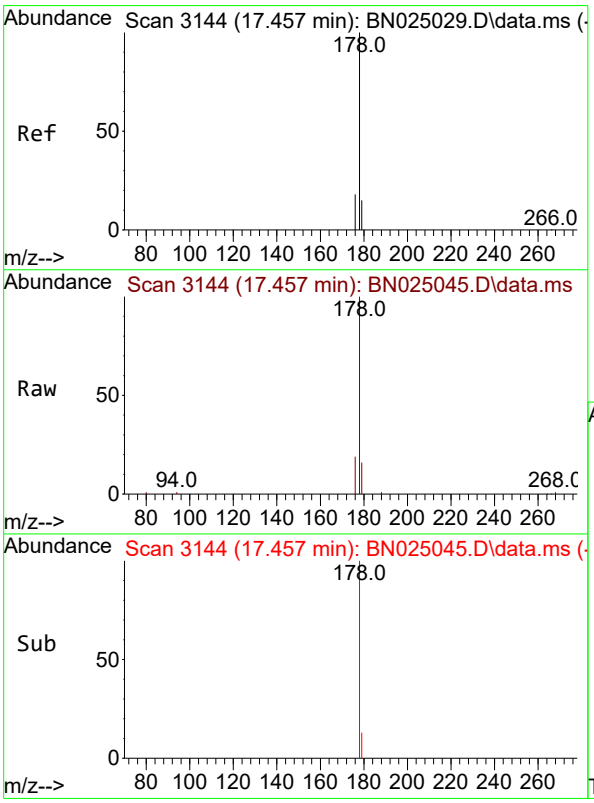
#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.364 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 29928

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.7	15.6	23.4

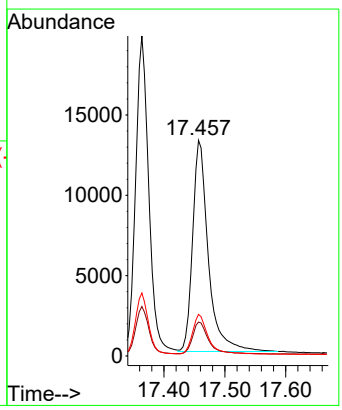


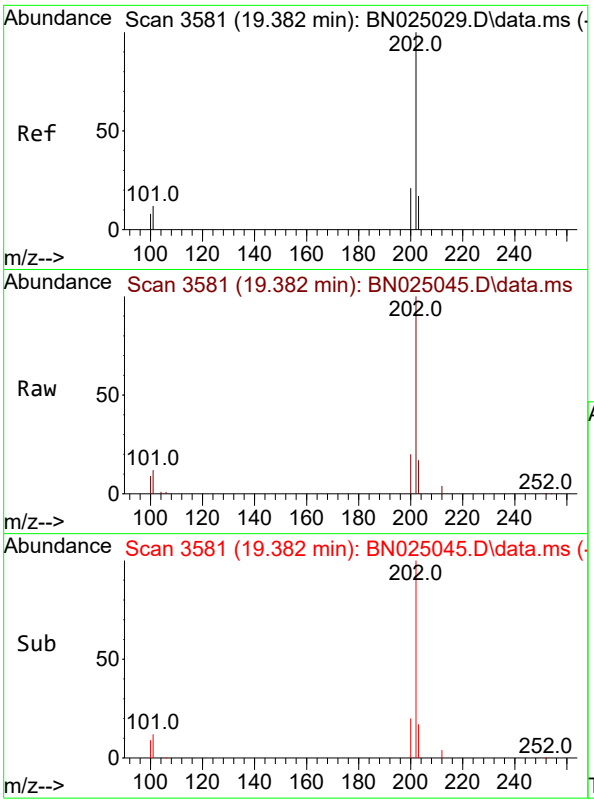


#16
Anthracene
Concen: 0.414 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:178 Resp: 23597

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.3	15.3	22.9



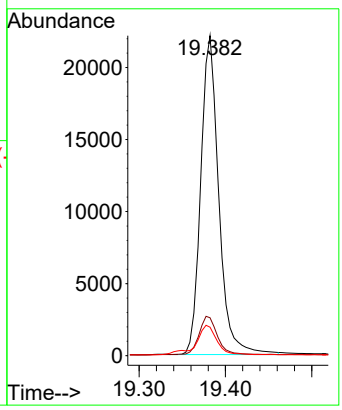


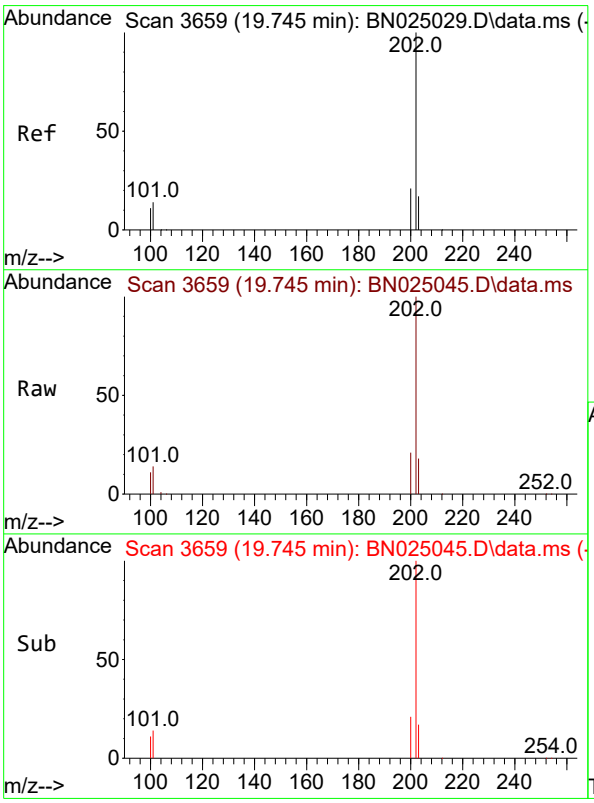
#19
Fluoranthene
Concen: 0.524 ng/ul
RT: 19.382 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 32198

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	8.9	7.3	10.9

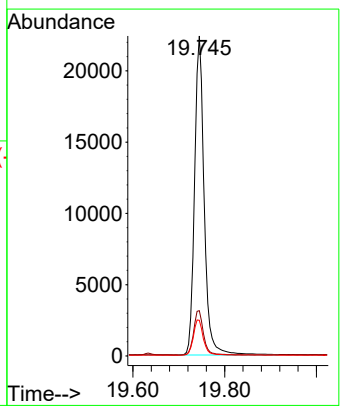


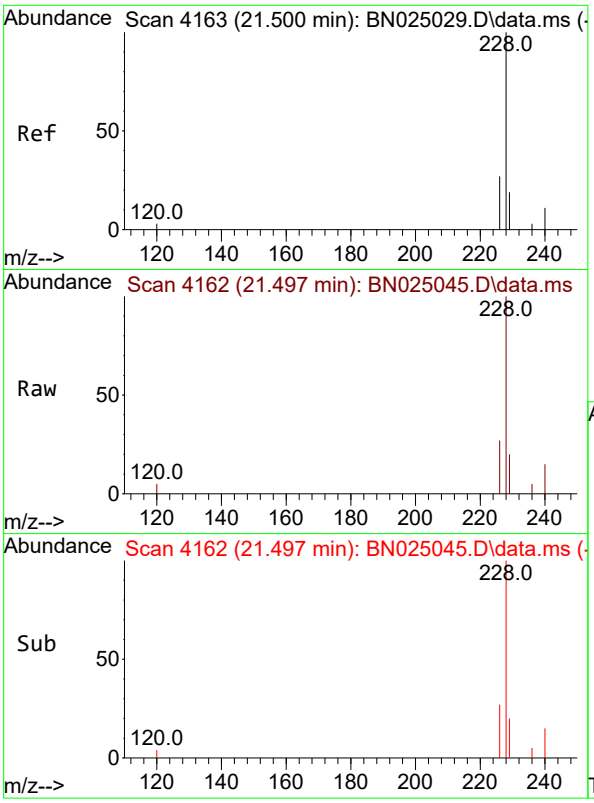


#20
Pyrene
Concen: 0.516 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:202 Resp: 32562

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.3	16.9
100	11.1	9.2	13.8



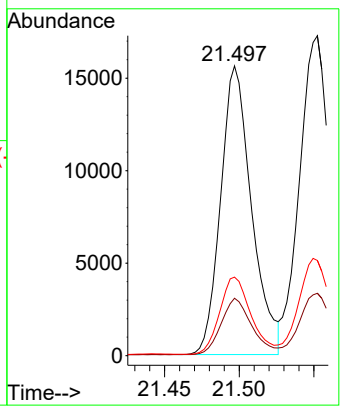


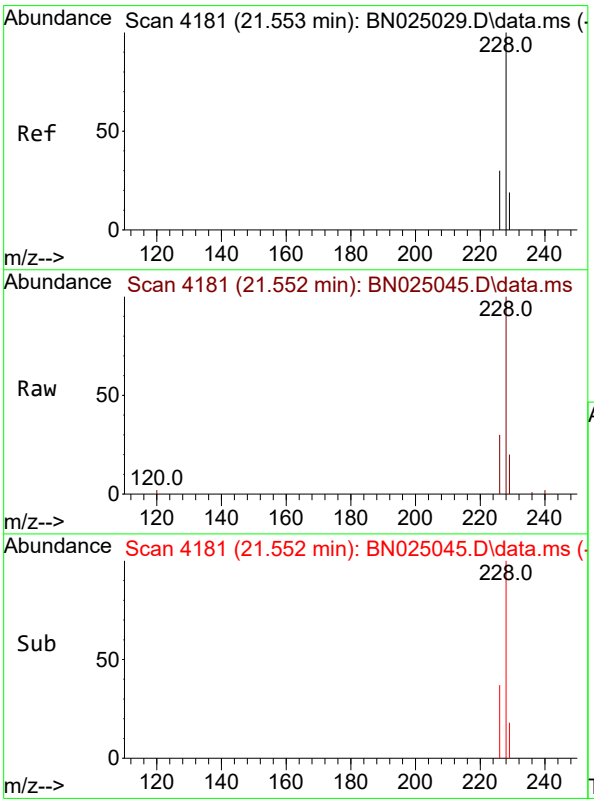
#21
Benzo(a)anthracene
Concen: 0.440 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 22513

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.6	23.4
226	27.1	22.1	33.1

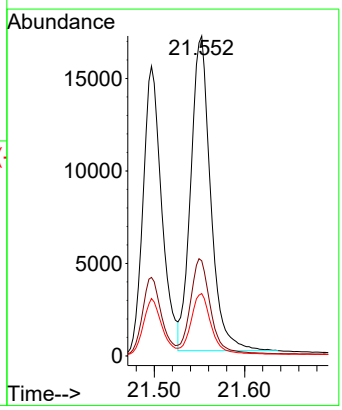


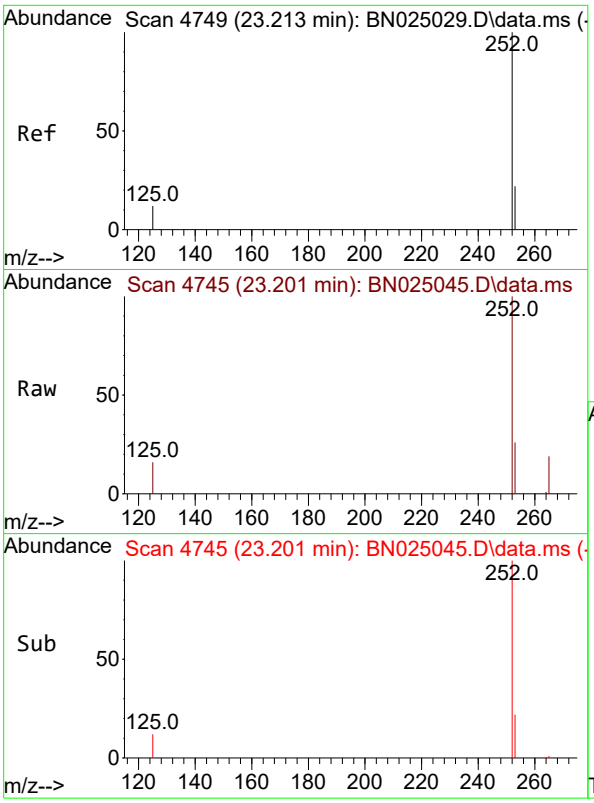


#22
Chrysene
Concen: 0.464 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:228 Resp: 25908

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	19.5	15.8	23.6



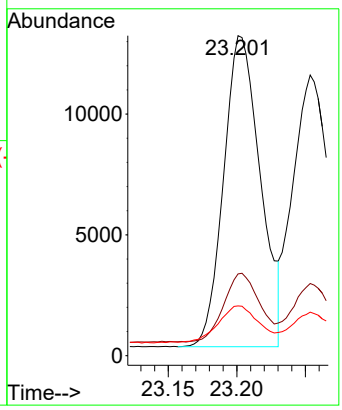


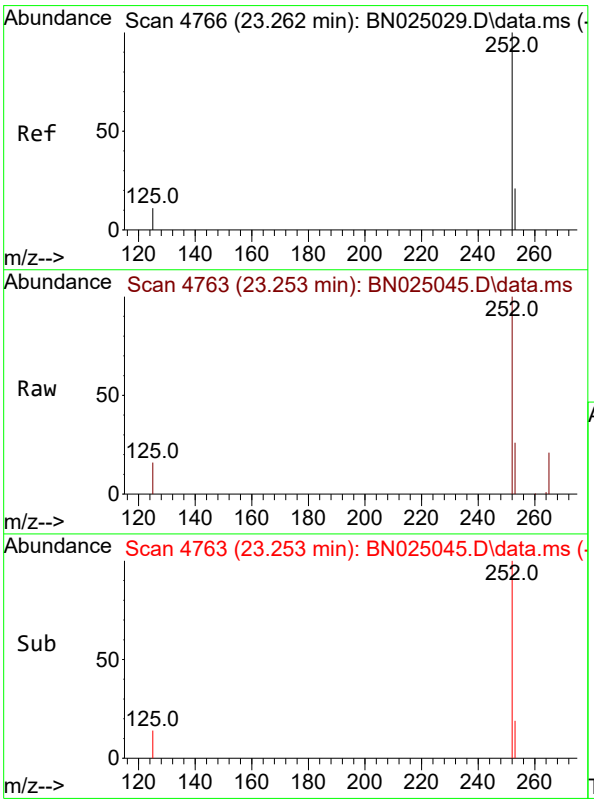
#24
Benzo(b)fluoranthene
Concen: 0.442 ng/ul
RT: 23.201 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 23954

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	50.2
125	15.5	0.0	30.4

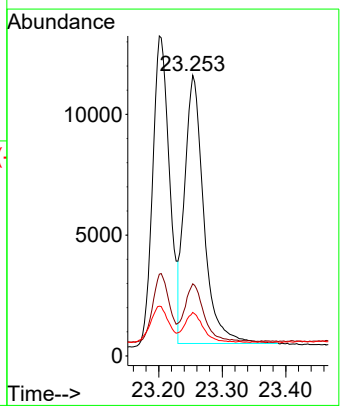


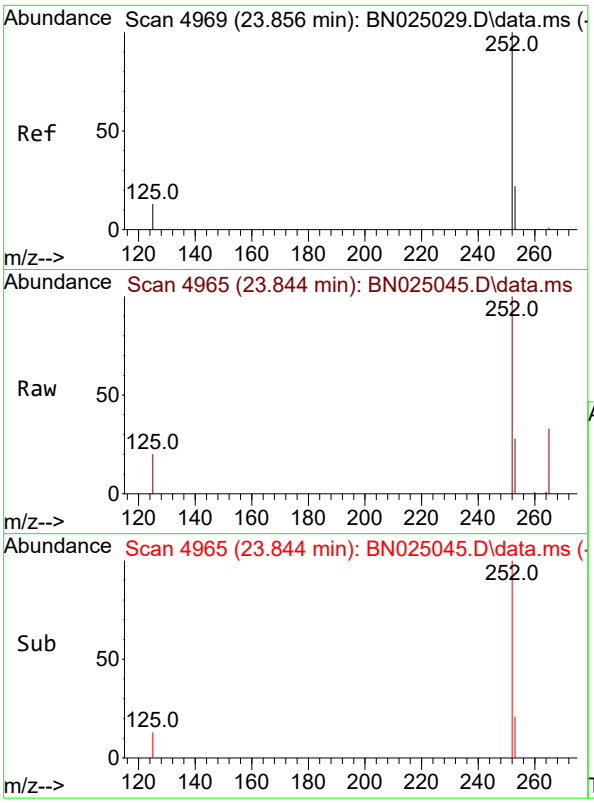


#25
Benzo(k)fluoranthene
Concen: 0.447 ng/ul
RT: 23.253 min Scan# 4763
Delta R.T. -0.009 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:252 Resp: 23303

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.2	30.4
125	15.5	11.8	17.8



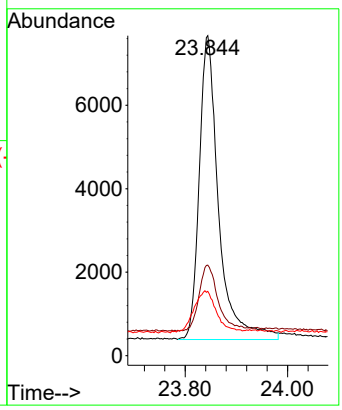


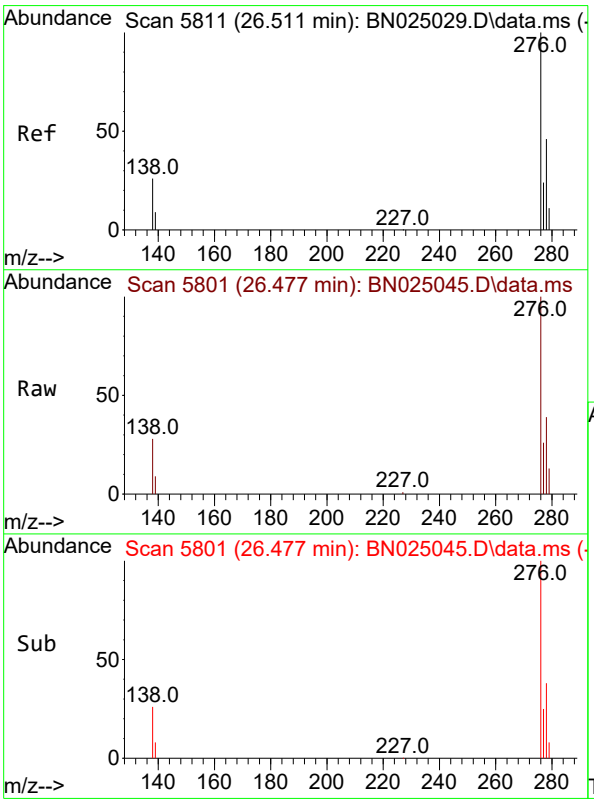
#26
Benzo(a)pyrene
Concen: 0.427 ng/ul
RT: 23.844 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19143

Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.4	32.2
125	20.1	14.6	22.0

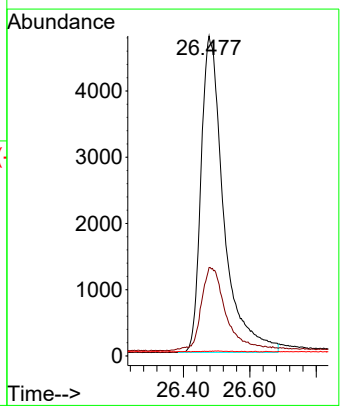


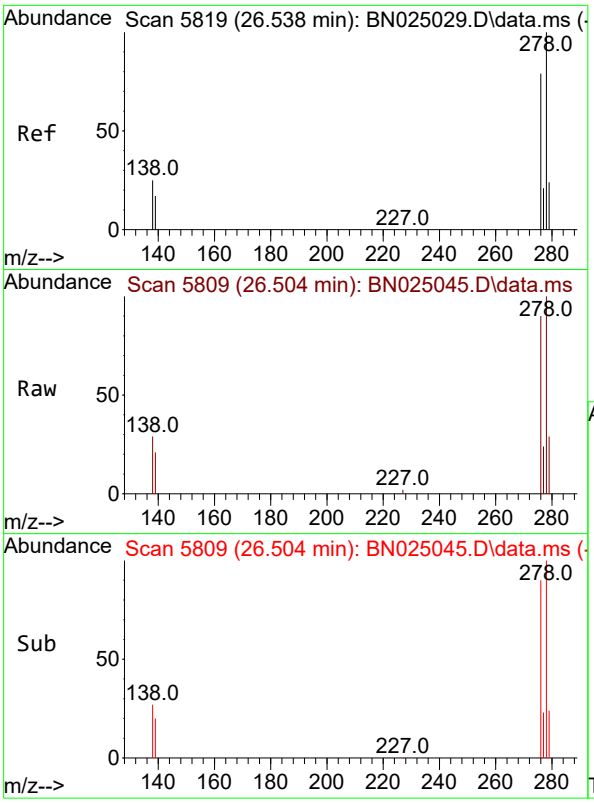


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.438 ng/ul
RT: 26.477 min Scan# 5801
Delta R.T. -0.034 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:276 Resp: 22639

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.9	32.9
227	0.0	0.1	0.1#



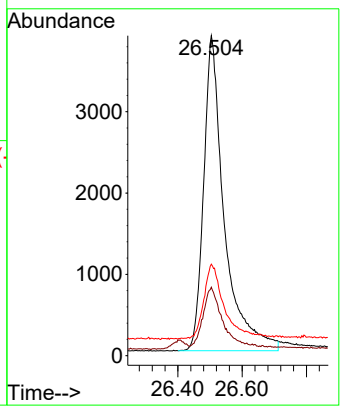


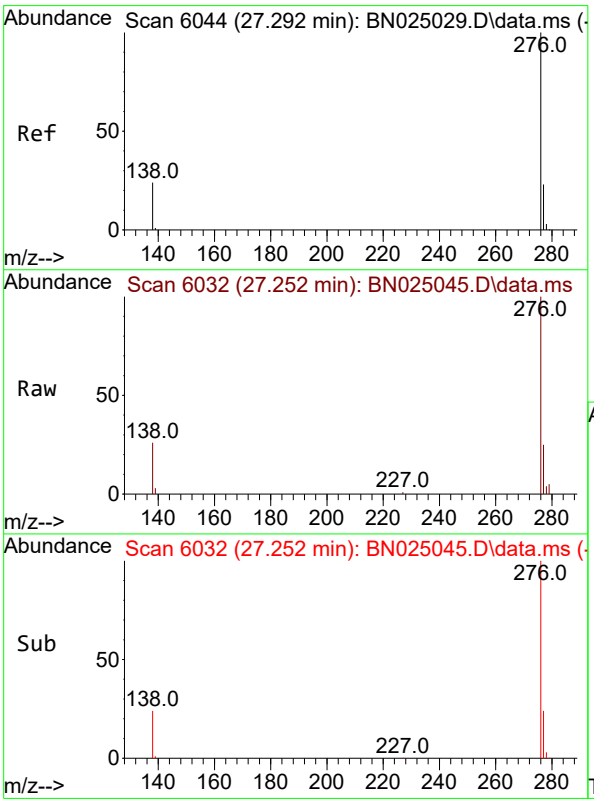
#28
Dibenzo(a,h)anthracene
Concen: 0.427 ng/ul
RT: 26.504 min Scan# 5
Delta R.T. -0.034 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 17249

Ion	Ratio	Lower	Upper
278	100		
139	21.4	17.0	25.6
279	28.6	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.460 ng/ul
RT: 27.252 min Scan# 6032
Delta R.T. -0.040 min
Lab File: BN025045.D
Acq: 20 Apr 2023 21:37

Tgt Ion:276 Resp: 20213

Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.3	30.5
277	25.3	19.8	29.6