Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027033.D
Acq On : 22 Aug 2023 18:59
Operator : MA/JU
Sample : 03697-24DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Quant Time: Aug 23 01:43:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	7964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	26065	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	15165	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	32958	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	26855	0.400	ng/ul	0.00
23) Perylene-d12	24.185	264	23689	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	6065	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	1313	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	3162	0.037	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.977	128	2633	0.036	ng/ul#	88
7) 2-Methylnaphthalene	12.572	142	1017	0.023	ng/ul	98
10) Acenaphthylene	14.453	152	53706	0.632	ng/ul	99
12) Fluorene	15.772	166	2474	0.037	ng/ul#	97
15) Phenanthrene	17.515	178	33161	0.306	ng/ul	99
16) Anthracene	17.603	178	44396	0.454	ng/ul	99
19) Fluoranthene	19.515	202	303887	2.724	ng/ul	98
20) Pyrene	19.882	202	280867	2.360	ng/ul	98
21) Benzo(a)anthracene	21.624	228	254605	2.384	ng/ul	99
22) Chrysene	21.679	228	219100	2.078	ng/ul	99
24) Benzo(b)fluoranthene	23.395	252	556163	6.207	ng/ul	98
26) Benzo(a)pyrene	24.065	252	140781	1.741	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.861	276	122863	1.162	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.888	278	34528	0.410	ng/ul#	89
29) Benzo(g,h,i)perylene	27.706	276	98423	1.118	ng/ul	100

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

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Instrument :
BNA_N
ClientSampleId :
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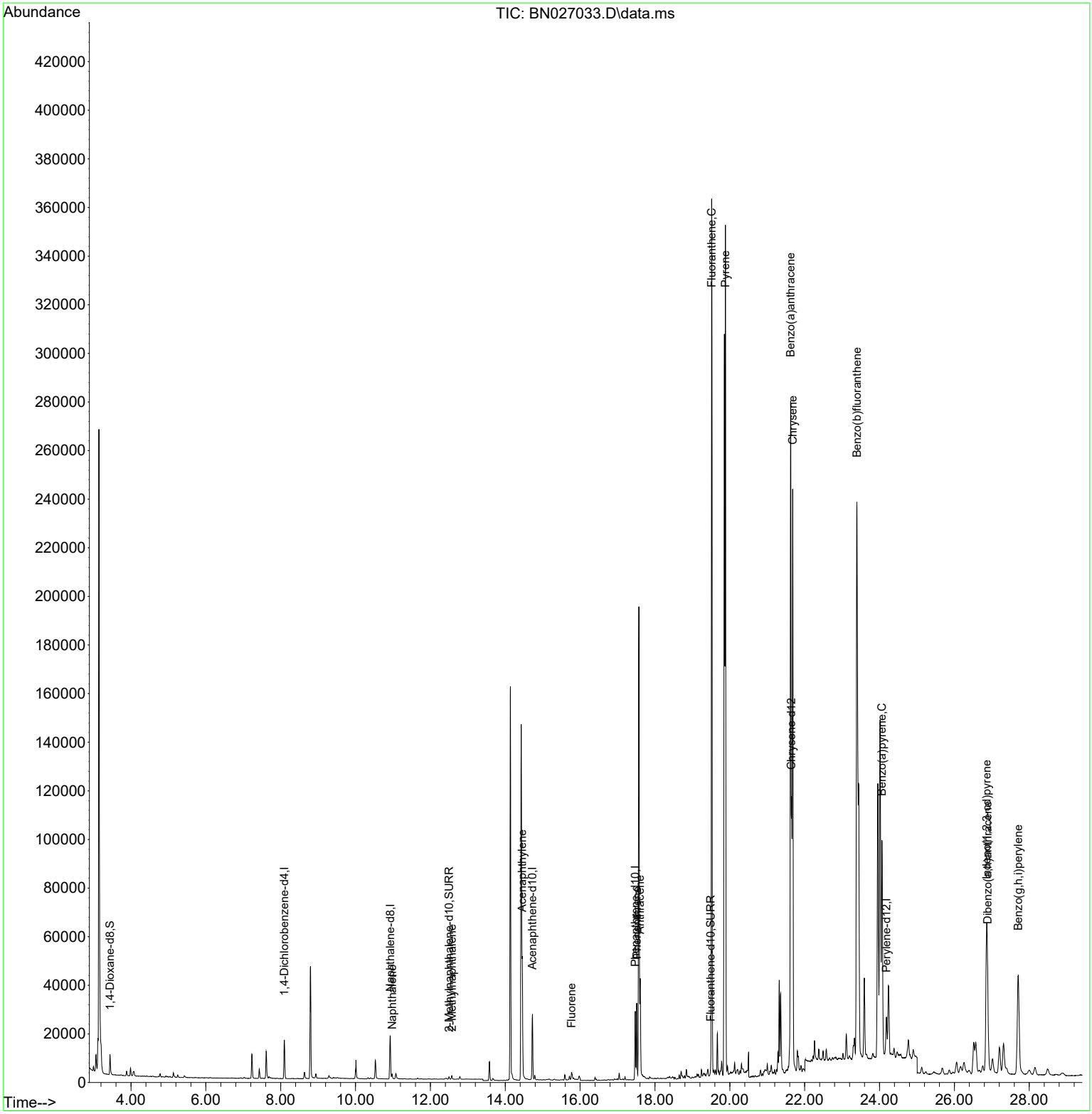
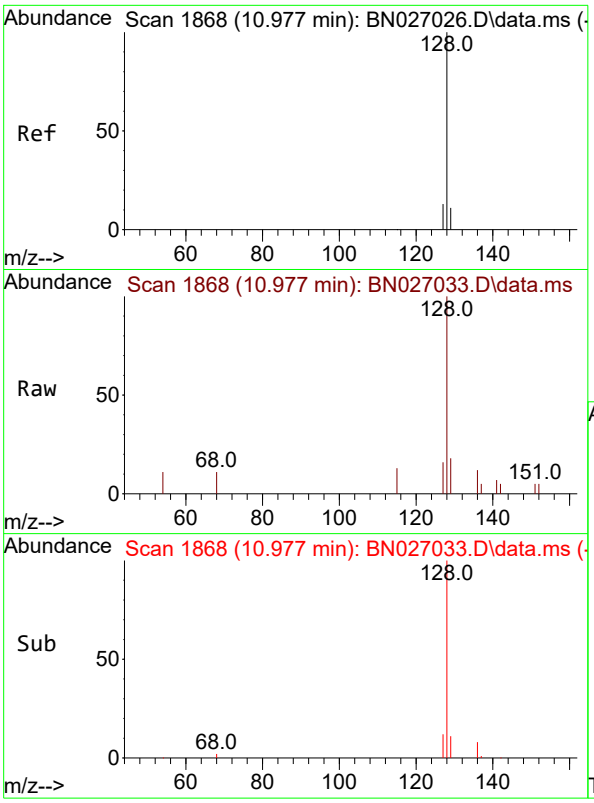
Quant Time: Aug 23 01:43:53 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration



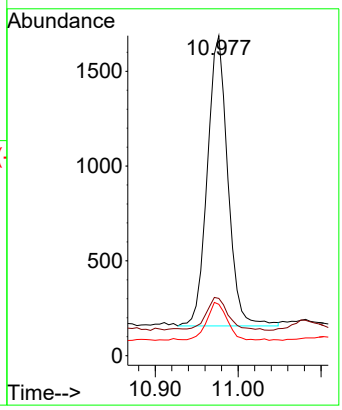


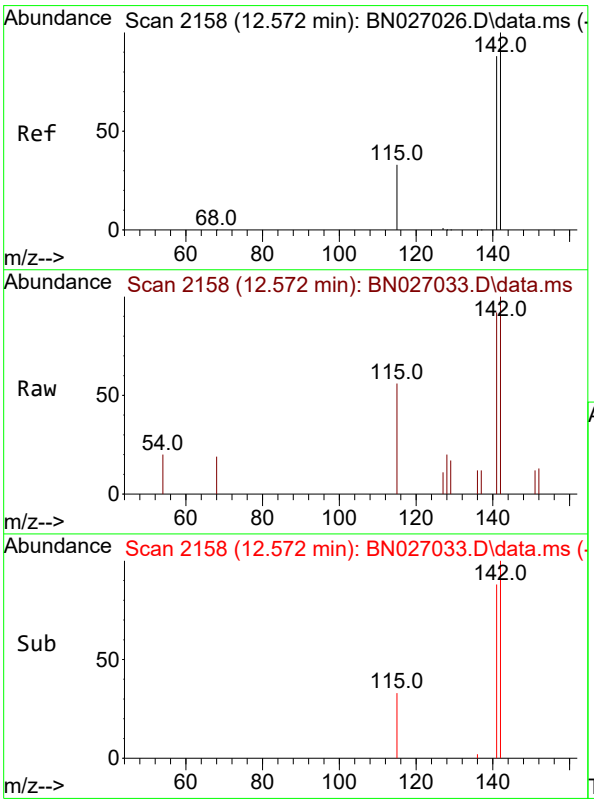
#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.977 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:128 Resp: 2633

Ion	Ratio	Lower	Upper
128	100		
129	17.9	9.2	13.8#
127	16.1	10.5	15.7#

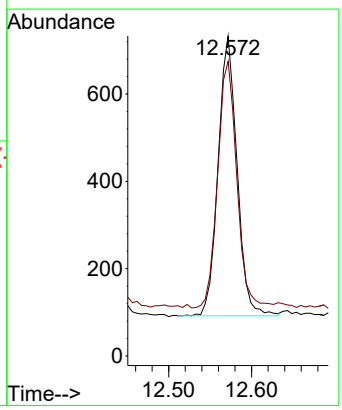


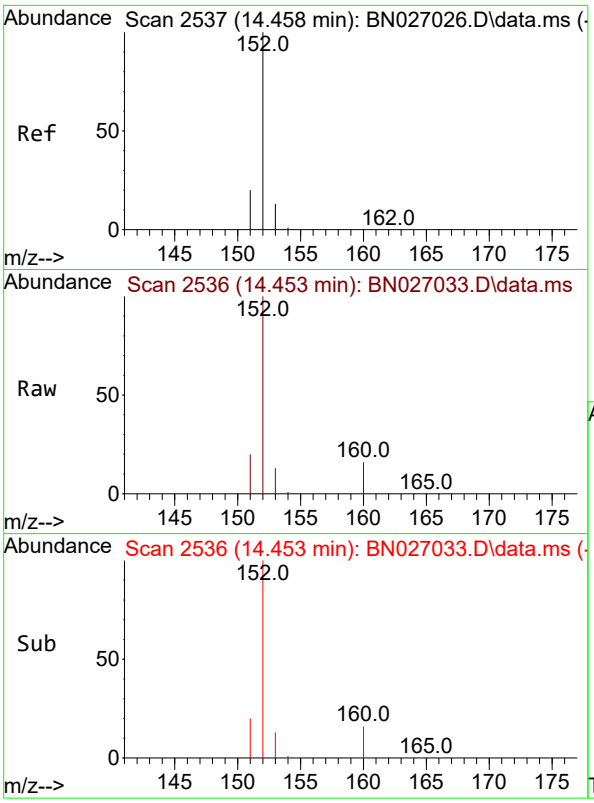


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:142 Resp: 1017

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.9	106.3



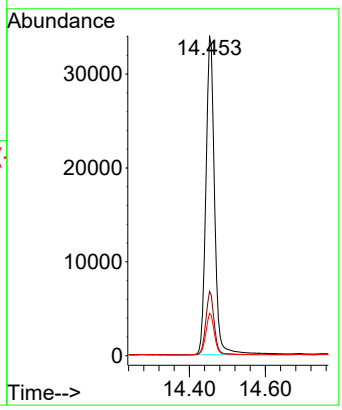


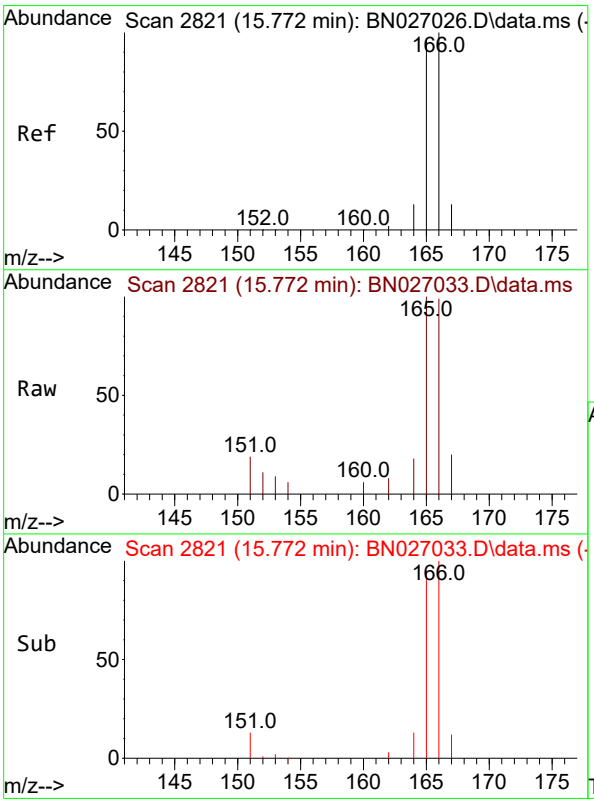
#10
Acenaphthylene
Concen: 0.632 ng/ul
RT: 14.453 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:152 Resp: 53706

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.2	11.0	16.6

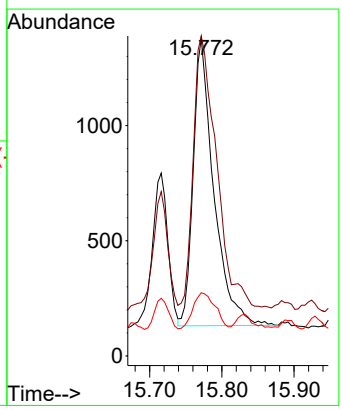


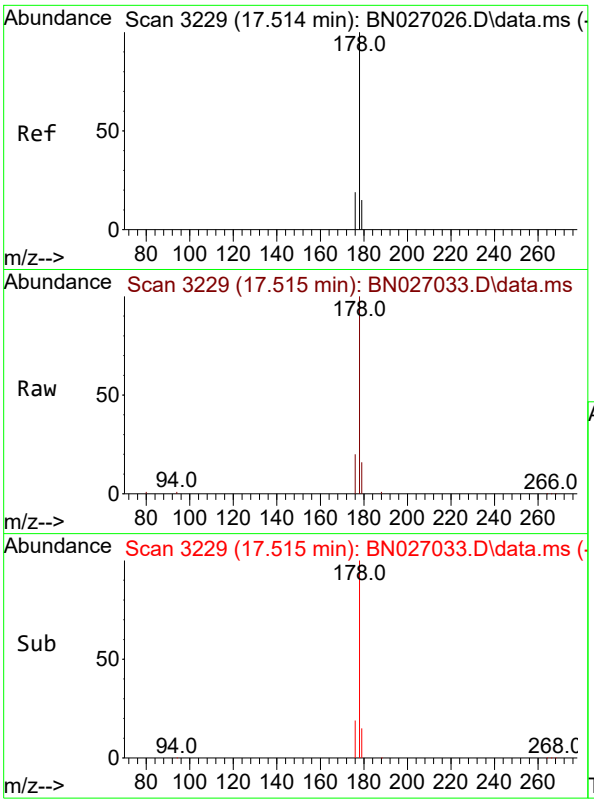


#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:166 Resp: 2474

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.1	118.7
167	19.9	11.4	17.0#



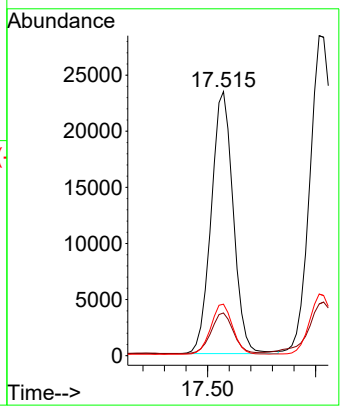


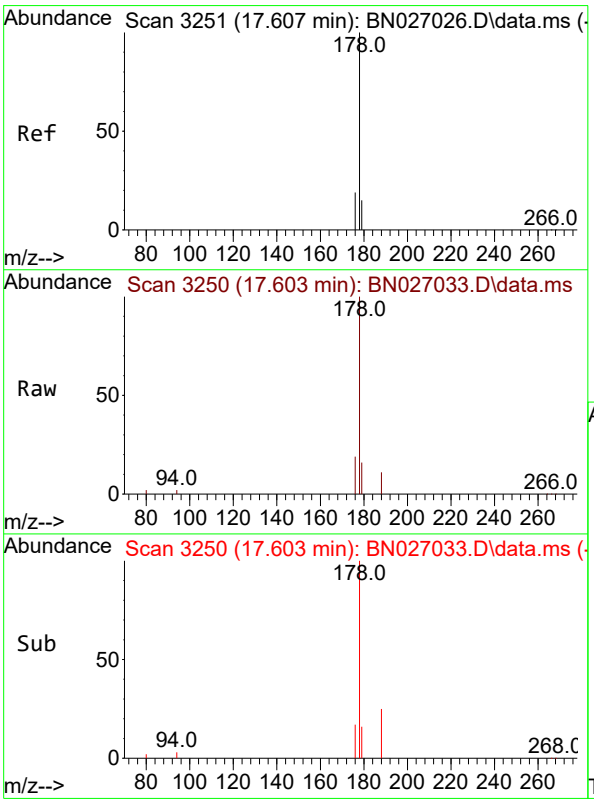
#15
Phenanthrene
Concen: 0.306 ng/ul
RT: 17.515 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:178 Resp: 33161

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	19.5	15.4	23.2

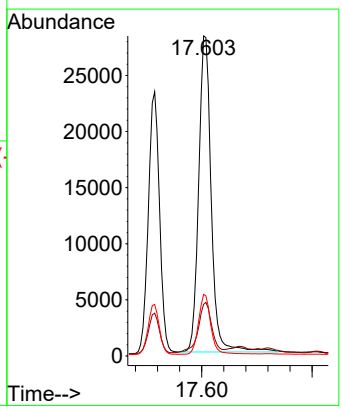


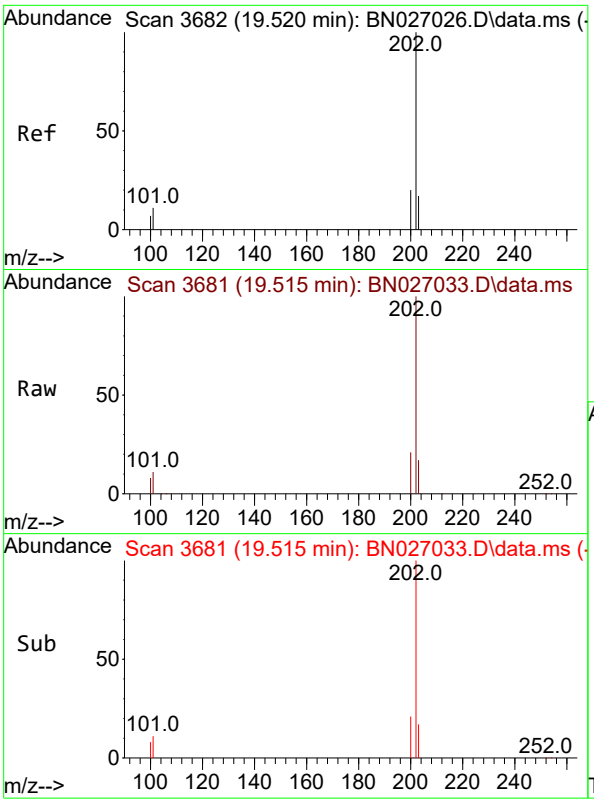


#16
Anthracene
Concen: 0.454 ng/ul
RT: 17.603 min Scan# 3250
Delta R.T. -0.004 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:178 Resp: 44396

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.2	15.0	22.6



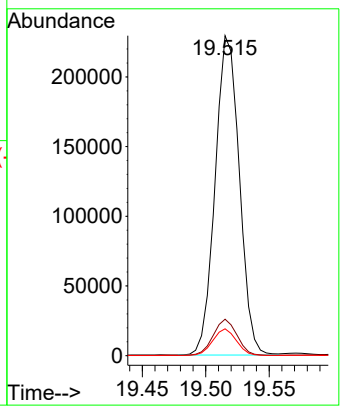


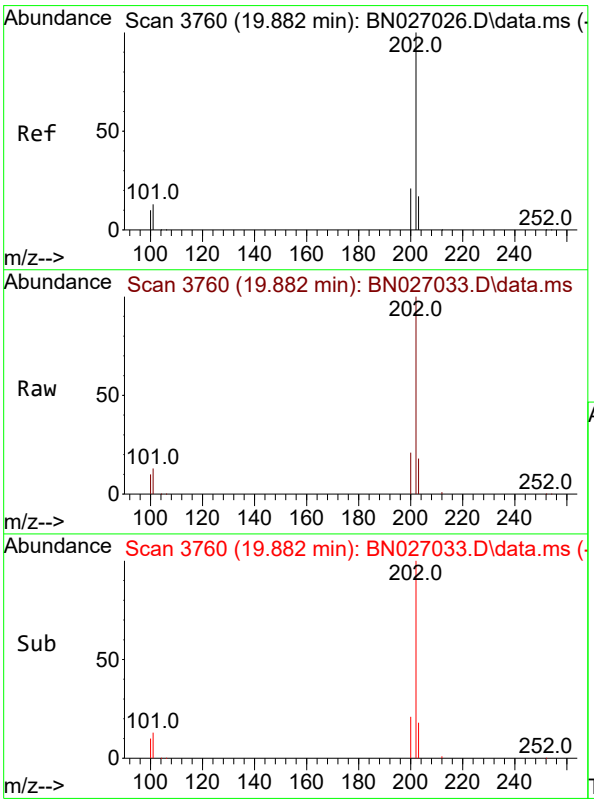
#19
Fluoranthene
Concen: 2.724 ng/ul
RT: 19.515 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:202 Resp: 303887

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.3	12.5
100	8.4	6.2	9.2

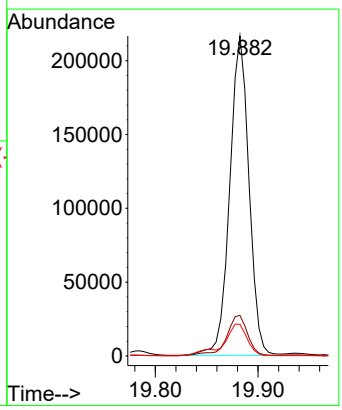


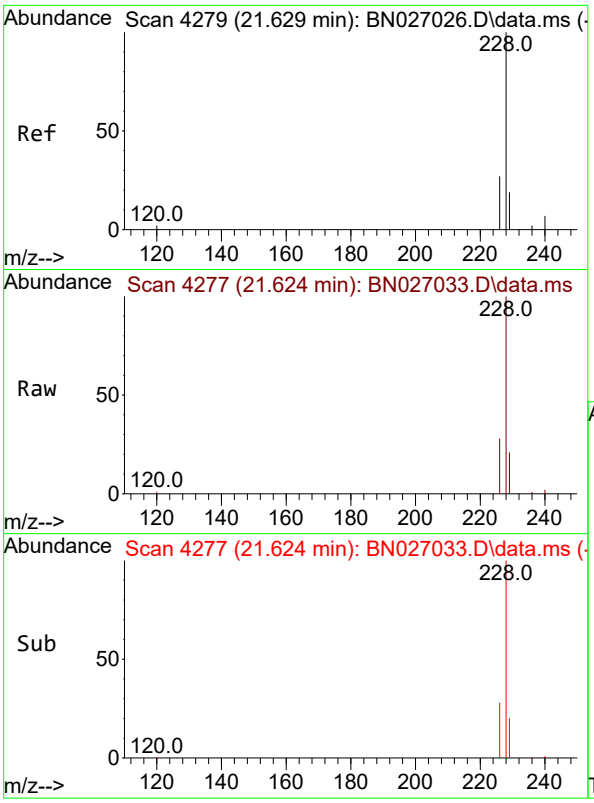


#20
Pyrene
Concen: 2.360 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:202 Resp: 280867

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.7	16.1
100	9.9	8.5	12.7



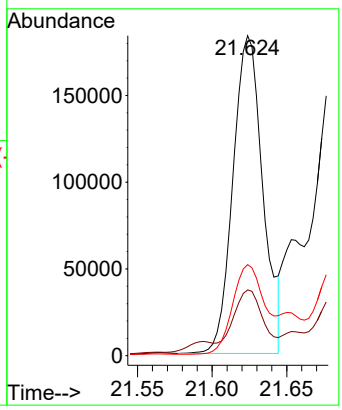


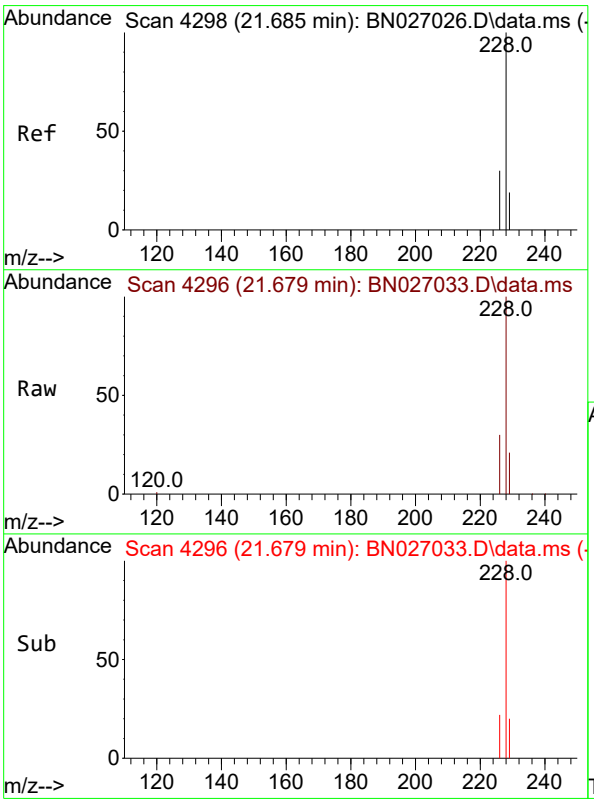
#21
Benzo(a)anthracene
Concen: 2.384 ng/ul
RT: 21.624 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:228 Resp: 254605

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.5	22.2	33.2

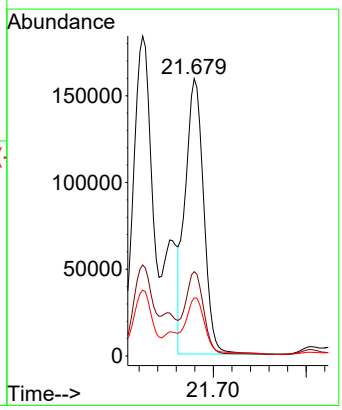


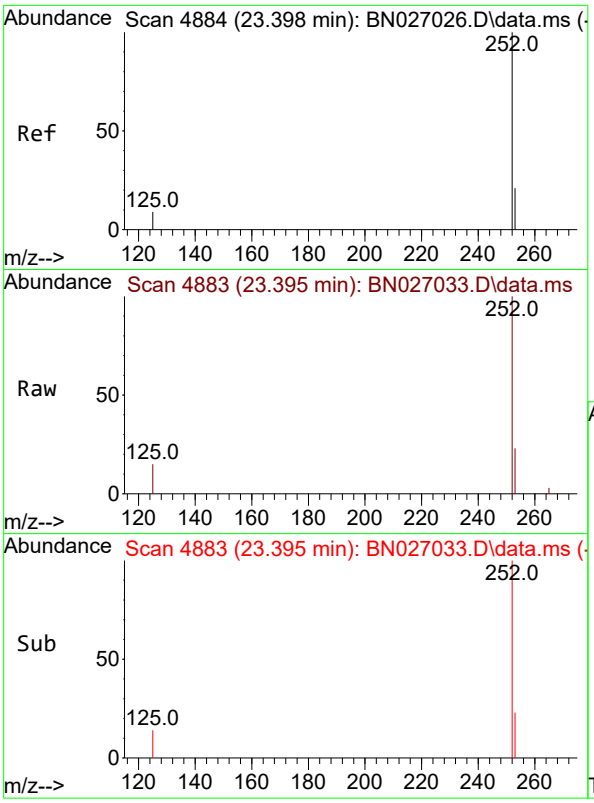


#22
Chrysene
Concen: 2.078 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. -0.012 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:228 Resp: 219100

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	36.8
229	20.9	15.8	23.6



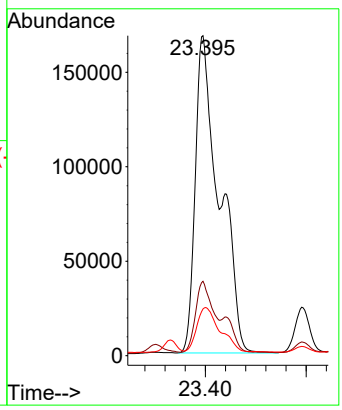


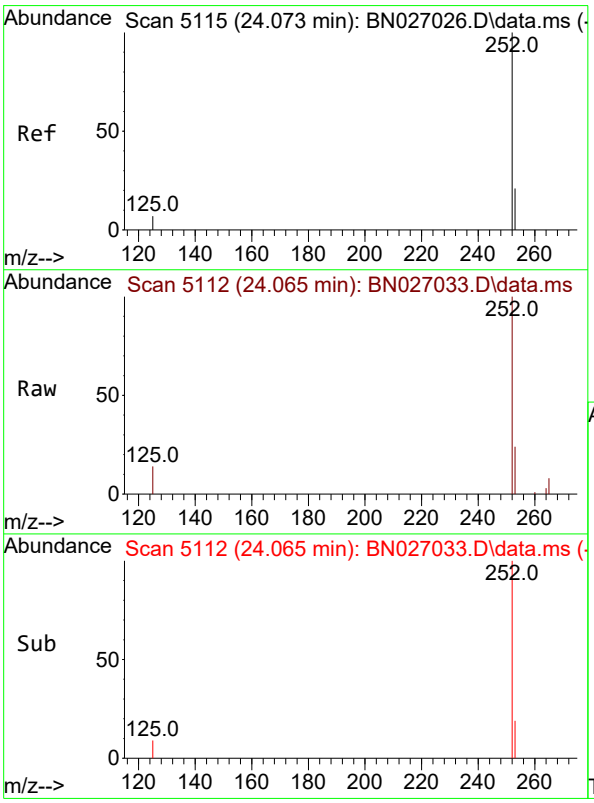
#24
Benzo(b)fluoranthene
Concen: 6.207 ng/ul
RT: 23.395 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:252 Resp: 556163

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	46.8
125	14.6	0.0	25.2

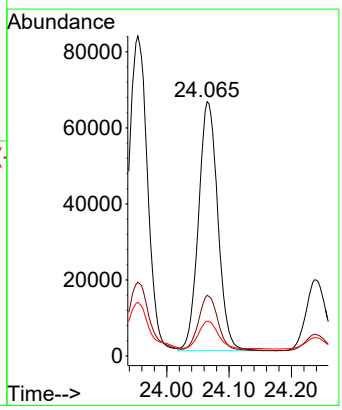


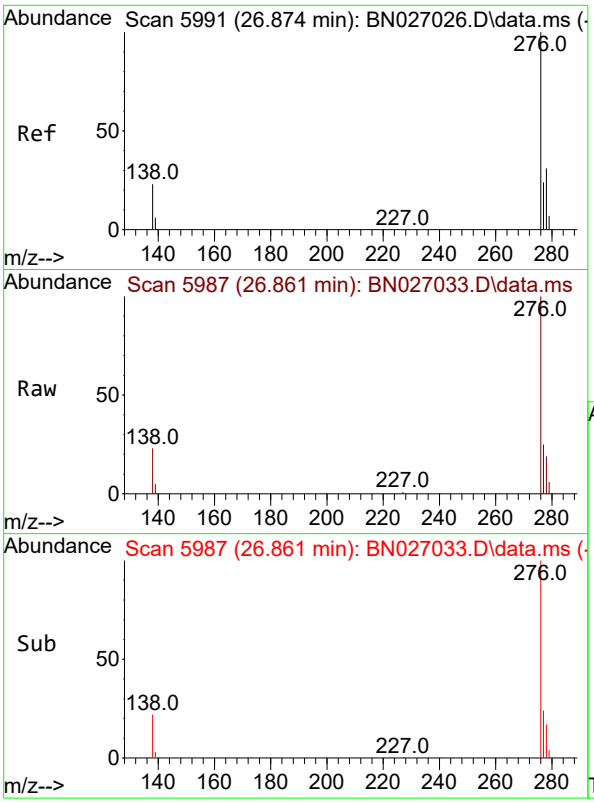


#26
Benzo(a)pyrene
Concen: 1.741 ng/ul
RT: 24.065 min Scan# 5112
Delta R.T. -0.021 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:252 Resp: 140781

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.6
125	13.6	11.4	17.0



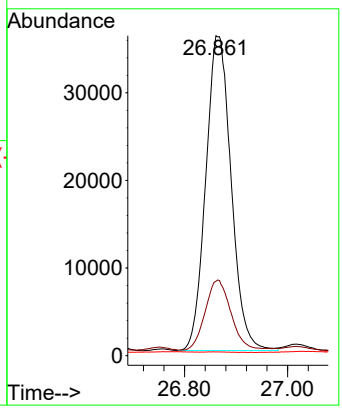


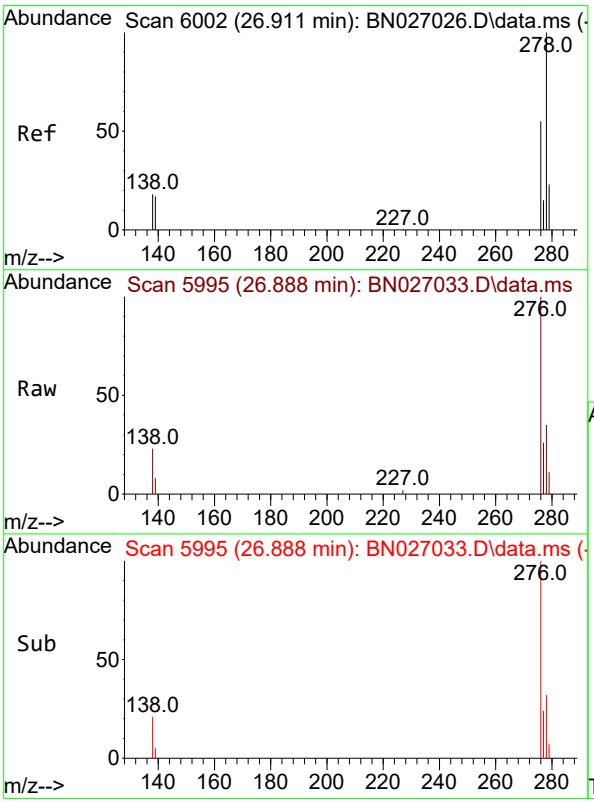
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.162 ng/ul
RT: 26.861 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:276 Resp: 122863

Ion	Ratio	Lower	Upper
276	100		
138	22.7	21.6	32.4
227	0.1	0.0	0.0#

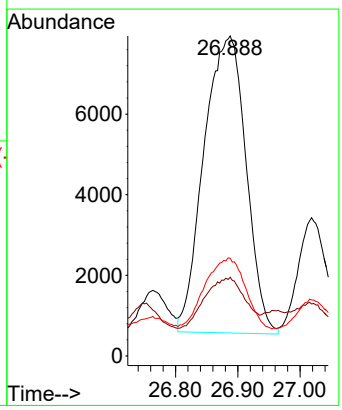


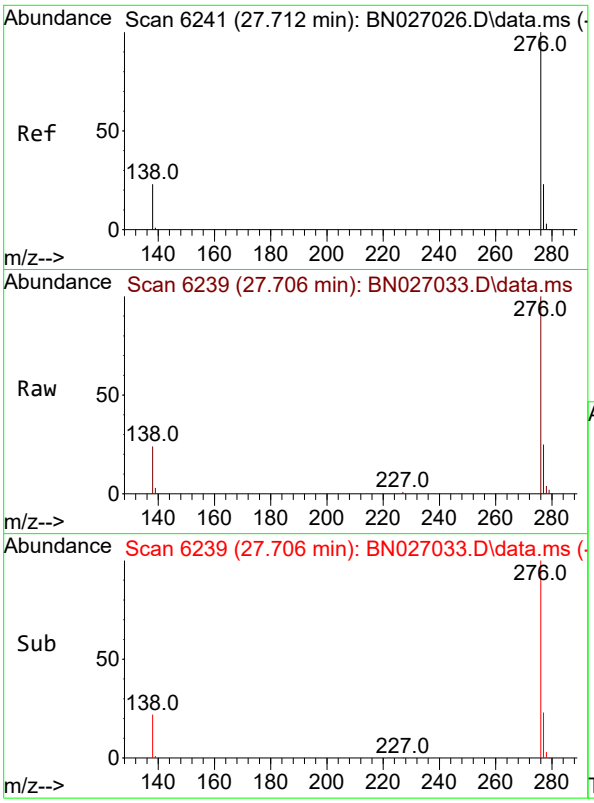


#28
Dibenzo(a,h)anthracene
Concen: 0.410 ng/ul
RT: 26.888 min Scan# 5995
Delta R.T. -0.034 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Tgt Ion:278 Resp: 34528

Ion	Ratio	Lower	Upper
278	100		
139	24.6	15.7	23.5#
279	30.5	20.2	30.4#





#29
Benzo(g,h,i)perylene
Concen: 1.118 ng/ul
RT: 27.706 min Scan# 6
Delta R.T. -0.017 min
Lab File: BN027033.D
Acq: 22 Aug 2023 18:59

Instrument :
BNA_N
ClientSampleId :
A48N6DL

Tgt Ion:276 Resp: 98423

Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.3	28.9
277	24.8	19.8	29.8