Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027062.D
Acq On : 23 Aug 2023 13:43
Operator : MA/JU
Sample : 03968-27
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 24 01:38:26 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 : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	8014	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	27436	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.722	164	15280	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	33696	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	25460	0.400	ng/ul	0.00
23) Perylene-d12	24.173	264	22542	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	32208	3.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.495	152	6749	0.167	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	16749	0.208	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.971	128	2181	0.028	ng/ul#	86
10) Acenaphthylene	14.449	152	6669	0.078	ng/ul	97
11) Acenaphthene	14.782	153	1313	0.022	ng/ul	97
12) Fluorene	15.767	166	1722	0.026	ng/ul#	98
15) Phenanthrene	17.506	178	48547	0.439	ng/ul	99
16) Anthracene	17.599	178	10967	0.110	ng/ul	97
19) Fluoranthene	19.511	202	168501	1.593	ng/ul	98
20) Pyrene	19.878	202	160508	1.422	ng/ul	99
21) Benzo(a)anthracene	21.618	228	70123	0.693	ng/ul	99
22) Chrysene	21.677	228	82668	0.827	ng/ul	98
24) Benzo(b)fluoranthene	23.387	252	141055	1.654	ng/ul	97
26) Benzo(a)pyrene	24.059	252	63806	0.829	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.854	276	42671	0.424	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.874	278	9278	0.116	ng/ul#	81
29) Benzo(g,h,i)perylene	27.693	276	40991	0.489	ng/ul	99

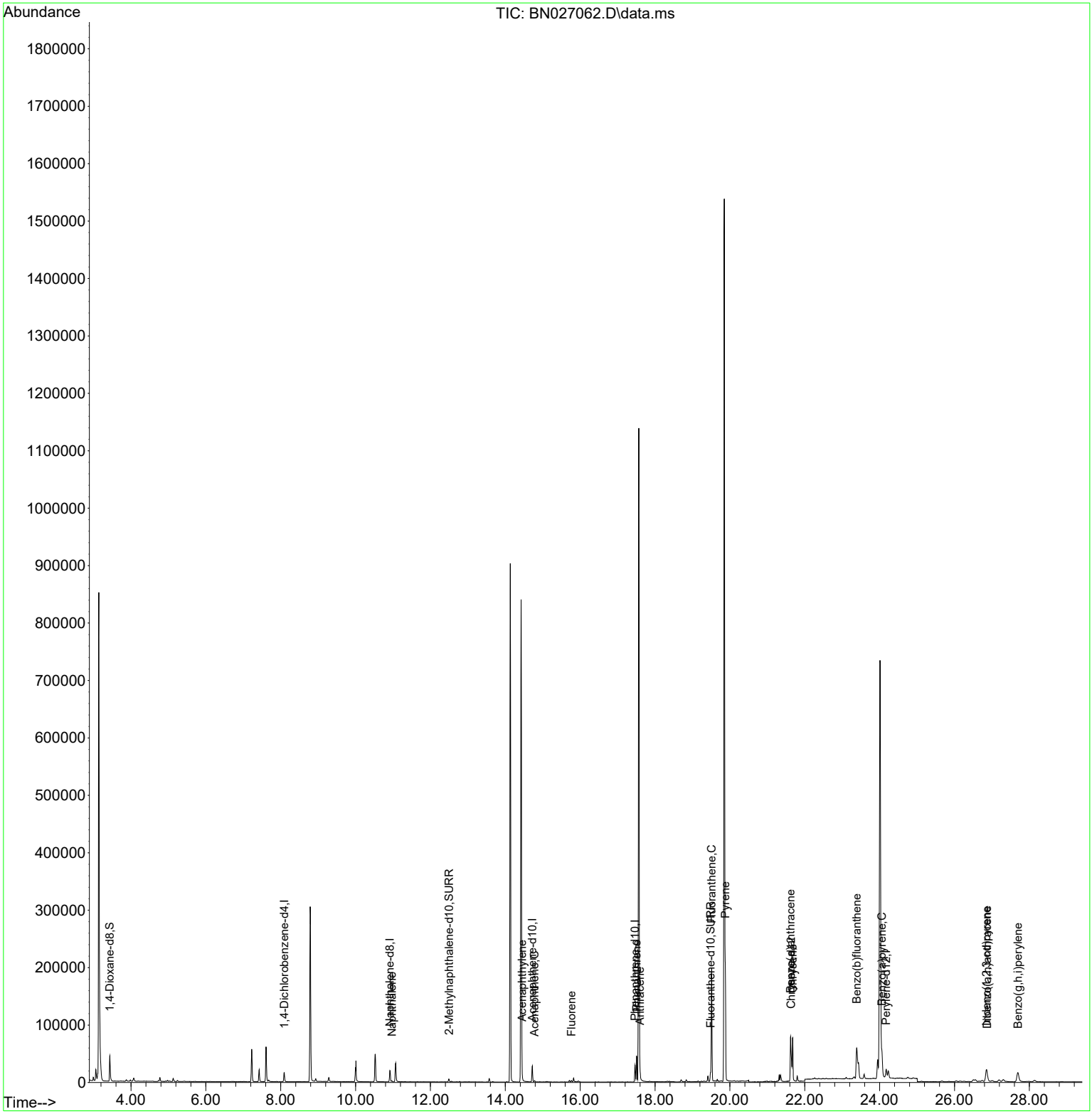
(#) = qualifier out of range (m) = manual integration (+) = signals summed

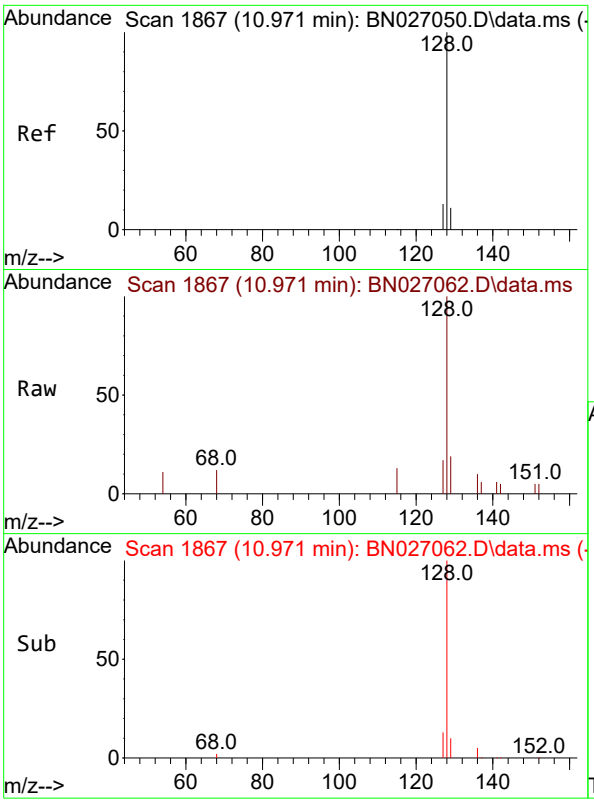
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027062.D
Acq On : 23 Aug 2023 13:43
Operator : MA/JU
Sample : 03968-27
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Aug 24 01:38:26 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 : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration



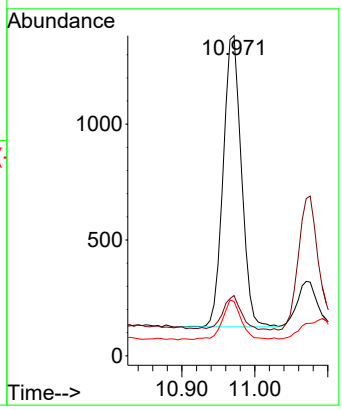


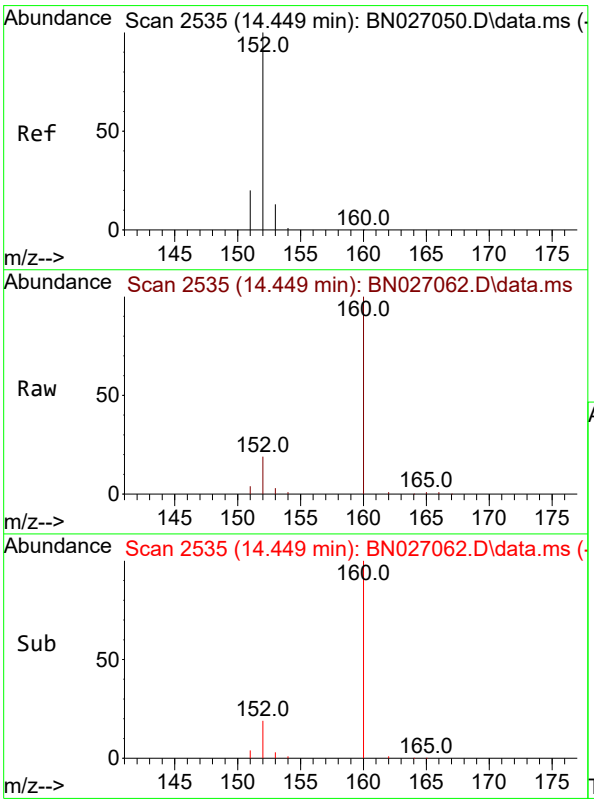
#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.971 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 2181

Ion	Ratio	Lower	Upper
128	100		
129	18.8	9.2	13.8#
127	16.9	10.5	15.7#

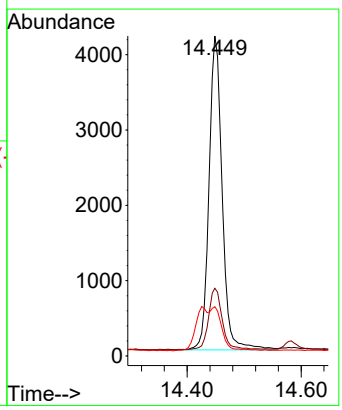


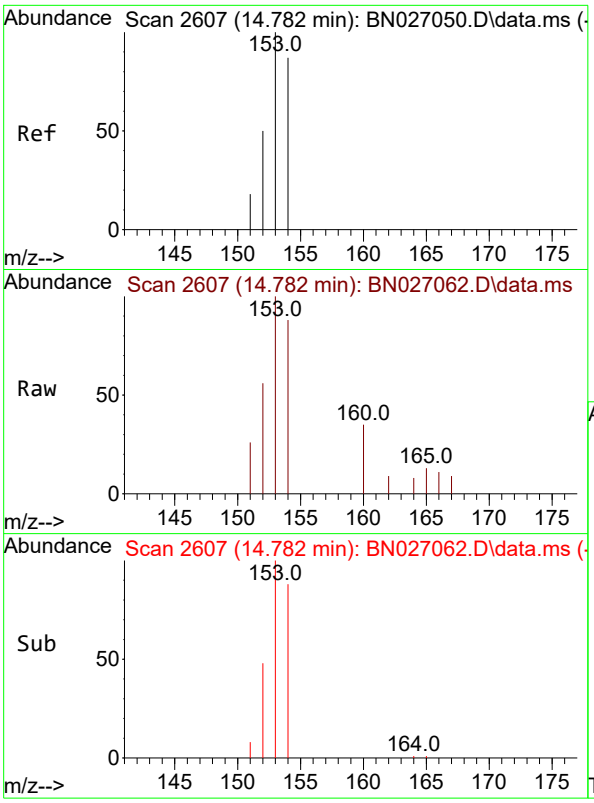


#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 14.449 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:152 Resp: 6669

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.9	23.9
153	15.4	11.0	16.6



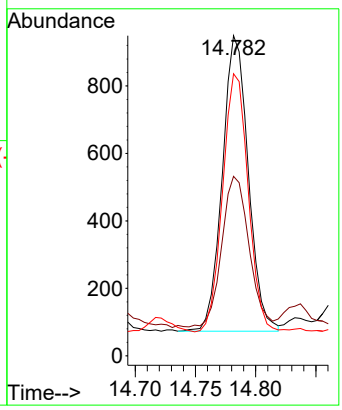


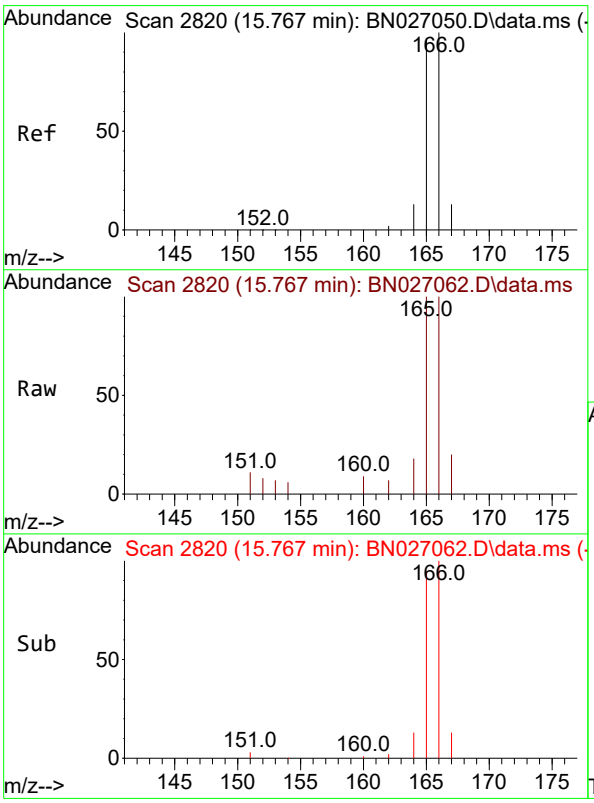
#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.782 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:153 Resp: 1313

Ion	Ratio	Lower	Upper
153	100		
152	56.1	41.1	61.7
154	88.1	71.6	107.4

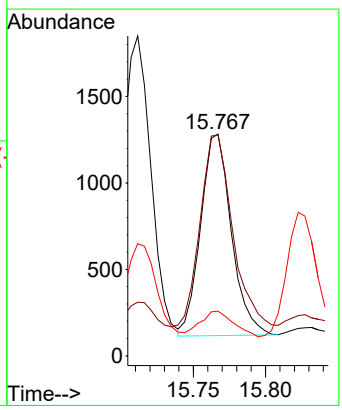


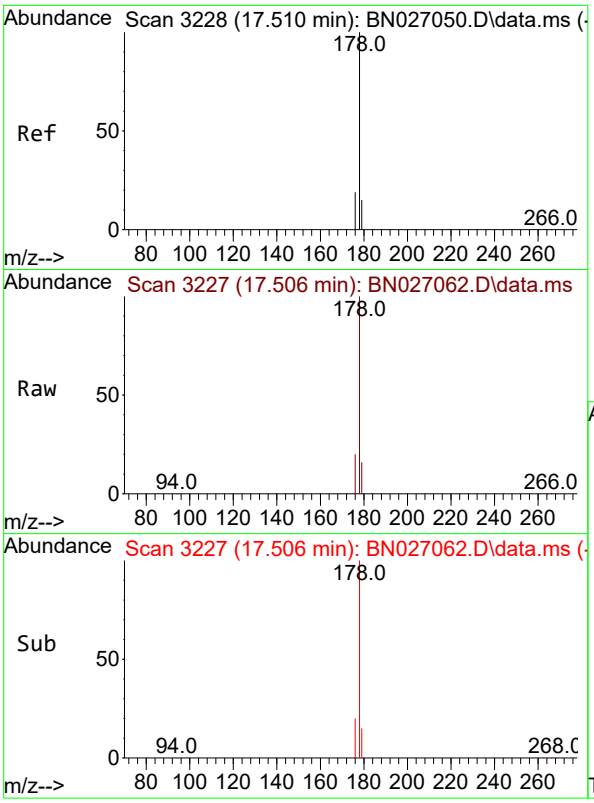


#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.767 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:166 Resp: 1722

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.1	118.7
167	20.2	11.4	17.0#



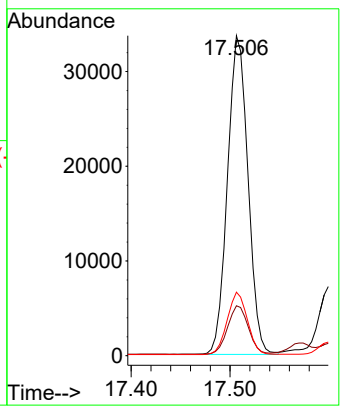


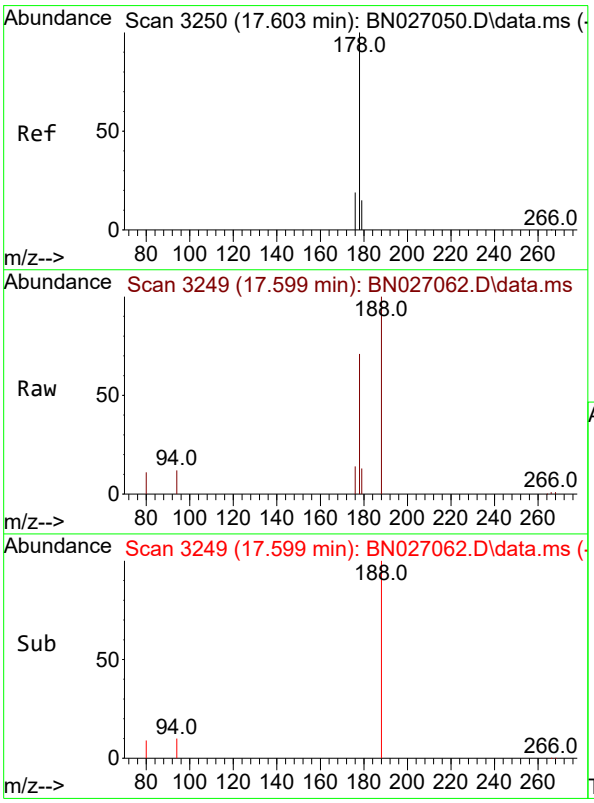
#15
Phenanthrene
Concen: 0.439 ng/ul
RT: 17.506 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 48547

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.8	15.4	23.2

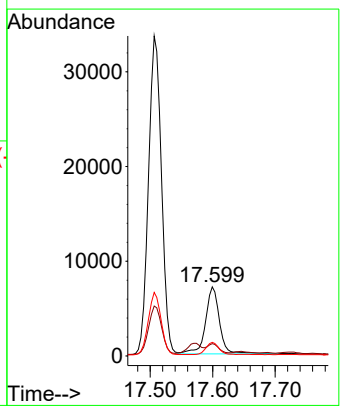


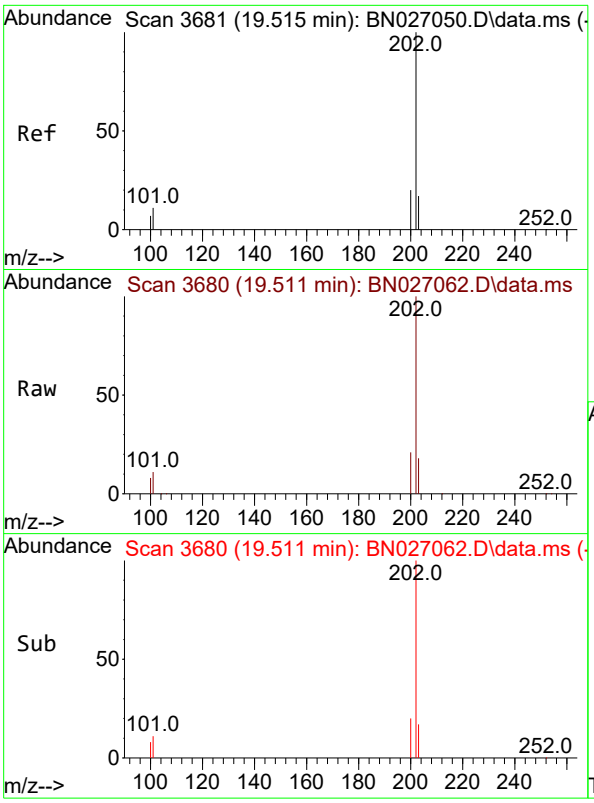


#16
Anthracene
Concen: 0.110 ng/ul
RT: 17.599 min Scan# 3249
Delta R.T. -0.004 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:178 Resp: 10967

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.6	19.0
176	19.7	15.0	22.6



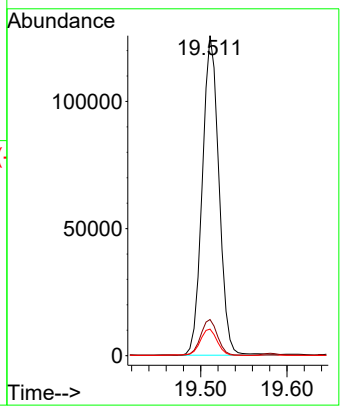


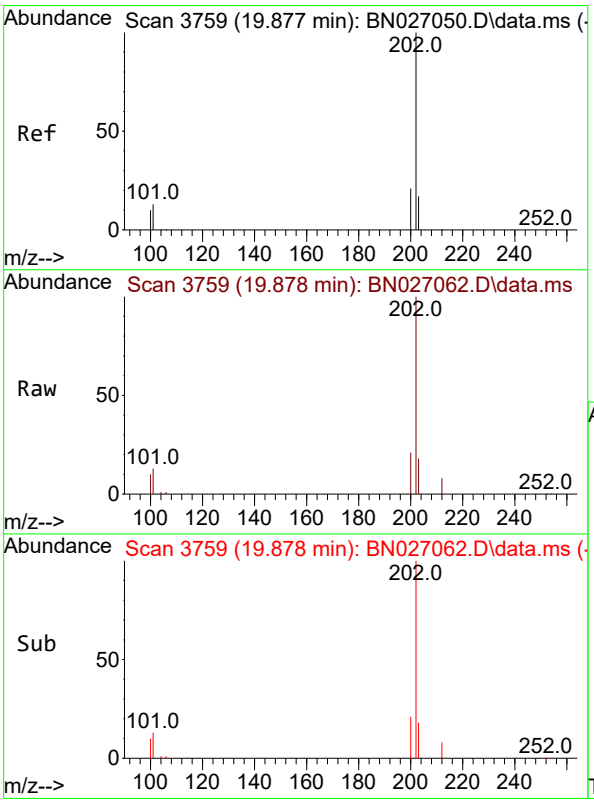
#19
Fluoranthene
Concen: 1.593 ng/ul
RT: 19.511 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 168501

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.3	12.5
100	8.3	6.2	9.2

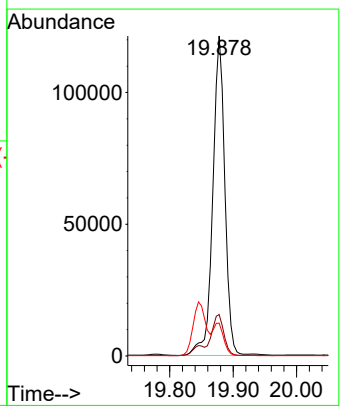


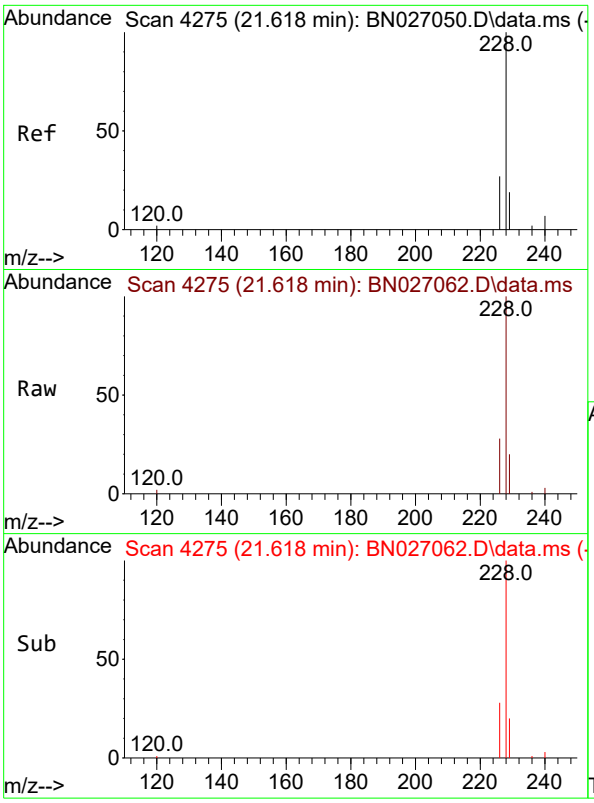


#20
Pyrene
Concen: 1.422 ng/ul
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:202 Resp: 160508

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.7	16.1
100	10.2	8.5	12.7



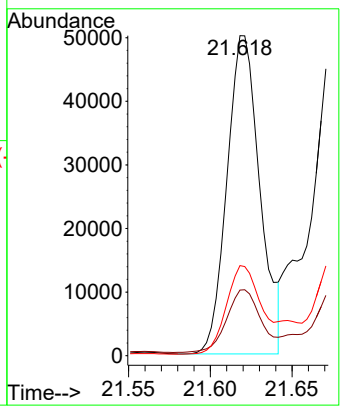


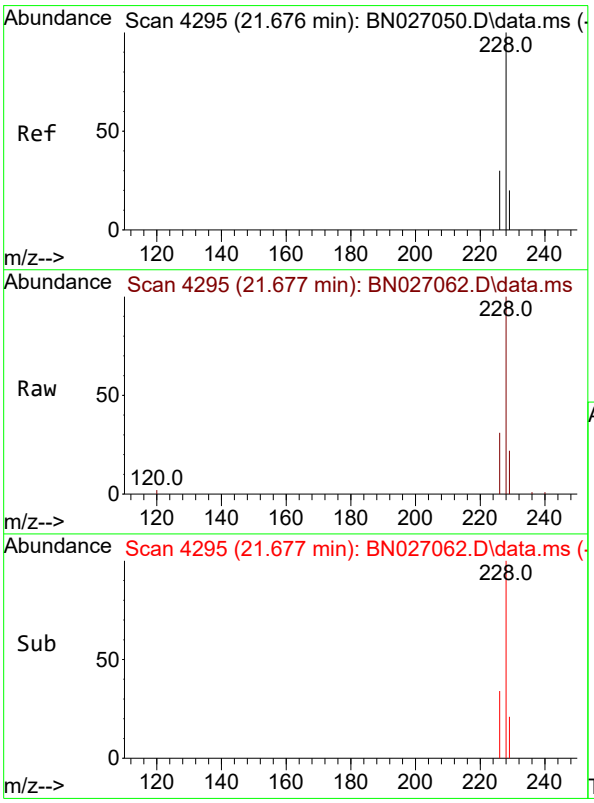
#21
Benzo(a)anthracene
Concen: 0.693 ng/ul
RT: 21.618 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 70123

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	28.1	22.2	33.2

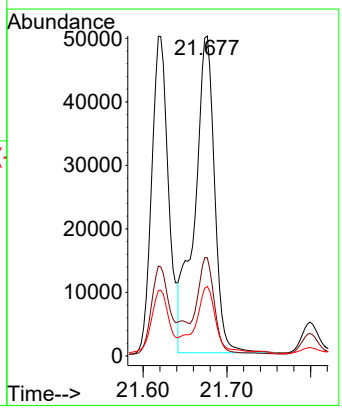


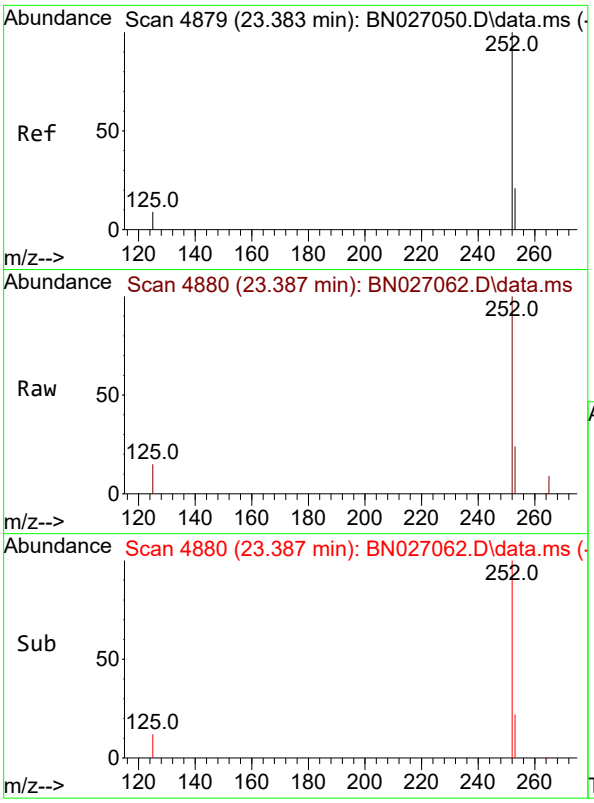


#22
Chrysene
Concen: 0.827 ng/ul
RT: 21.677 min Scan# 4295
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:228 Resp: 82668

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	21.7	15.8	23.6



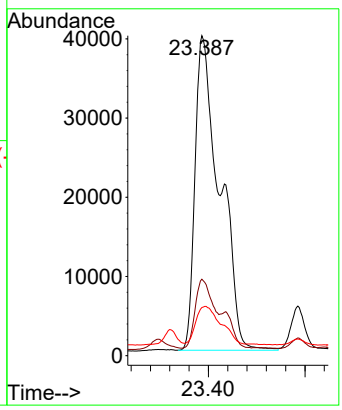


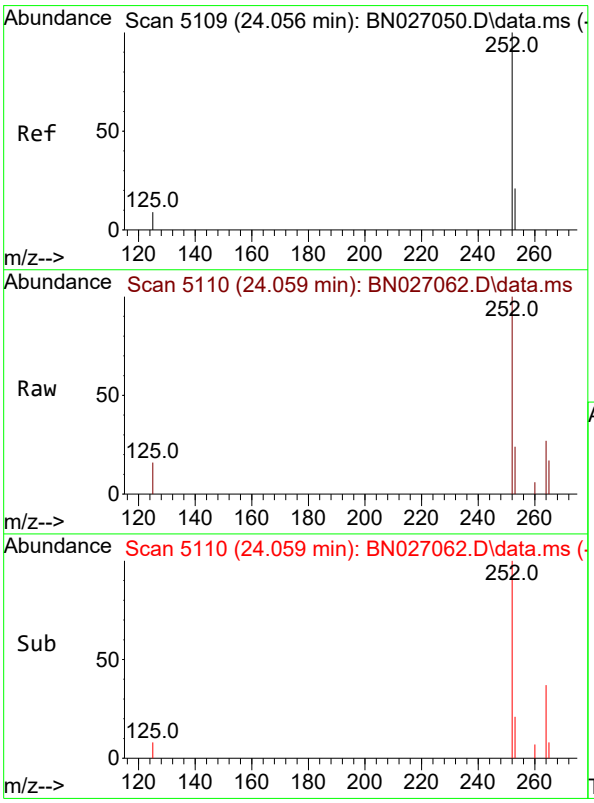
#24
Benzo(b)fluoranthene
Concen: 1.654 ng/ul
RT: 23.387 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 141055

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	46.8
125	15.0	0.0	25.2

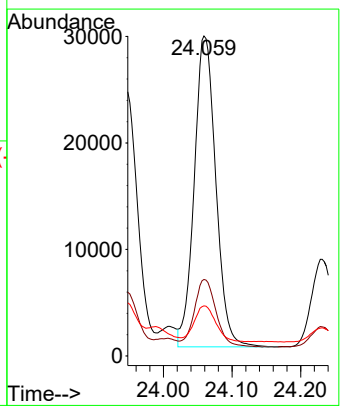


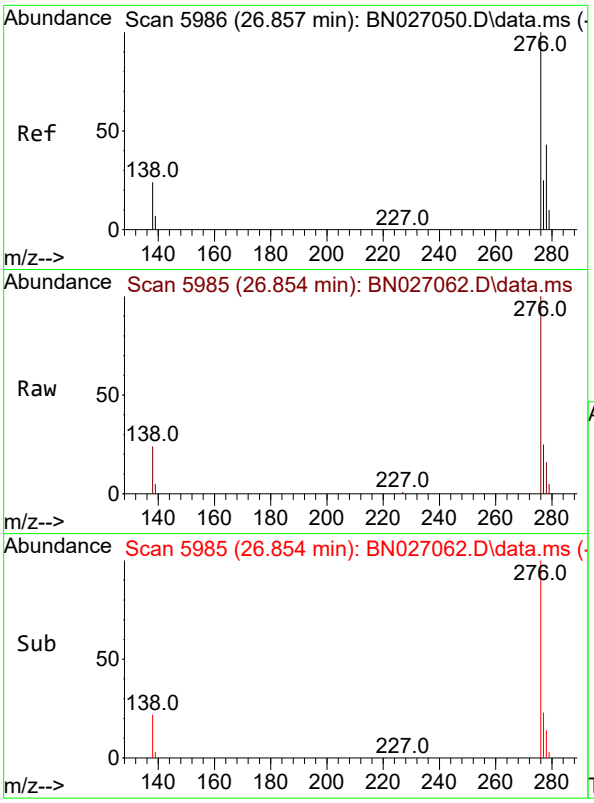


#26
Benzo(a)pyrene
Concen: 0.829 ng/ul
RT: 24.059 min Scan# 5110
Delta R.T. -0.003 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:252 Resp: 63806

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	15.7	11.4	17.0



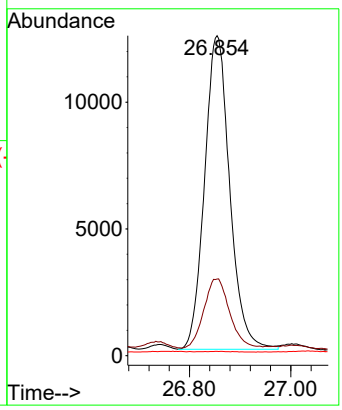


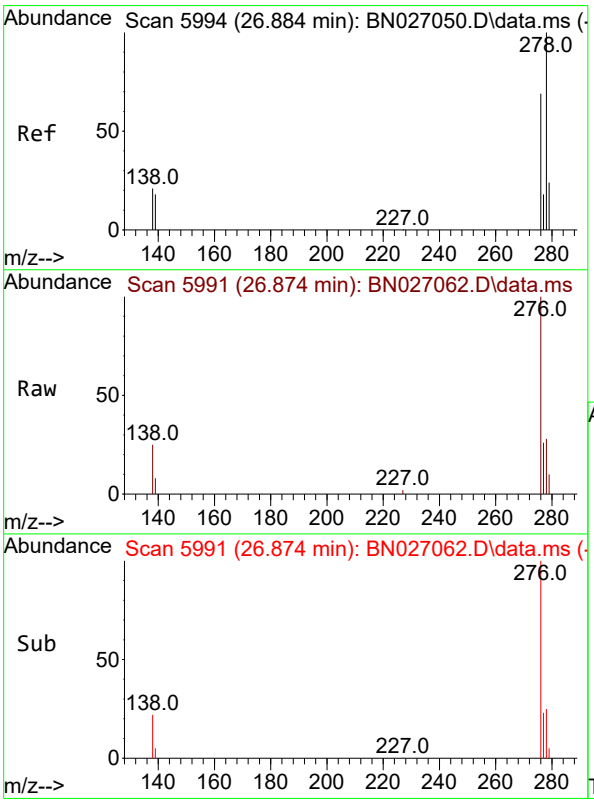
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.854 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 42671

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

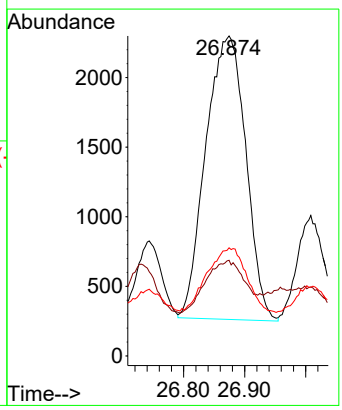


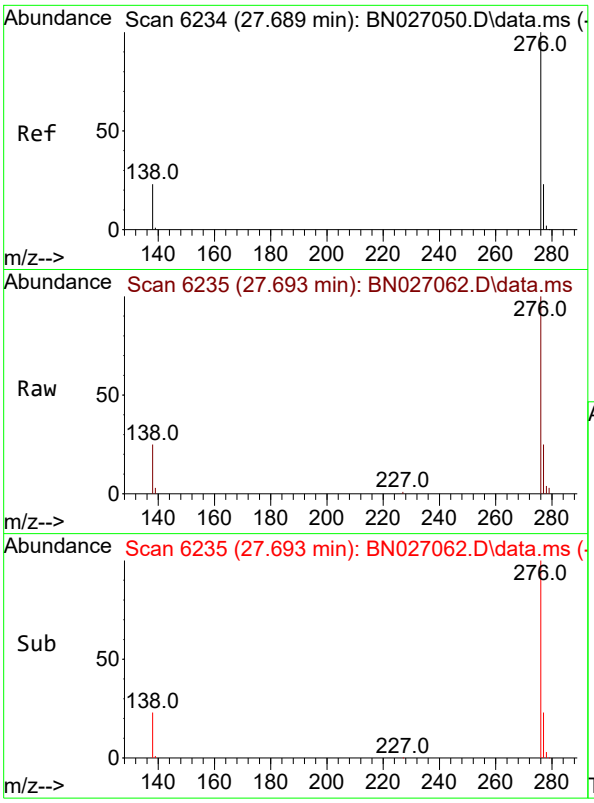


#28
Dibenzo(a,h)anthracene
Concen: 0.116 ng/ul
RT: 26.874 min Scan# 5991
Delta R.T. -0.010 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Tgt Ion:278 Resp: 9278

Ion	Ratio	Lower	Upper
278	100		
139	29.9	15.7	23.5#
279	33.8	20.2	30.4#





#29
Benzo(g,h,i)perylene
Concen: 0.489 ng/ul
RT: 27.693 min Scan# 6
Delta R.T. -0.003 min
Lab File: BN027062.D
Acq: 23 Aug 2023 13:43

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 40991

Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.3	28.9
277	24.9	19.8	29.8