Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026992.D
Acq On : 21 Aug 2023 14:39
Operator : MA/JU
Sample : 03967-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Quant Time: Aug 22 01:38:41 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	8.101	152	9403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	27268	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	17434	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	42148	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	32027	0.400	ng/ul	0.00
23) Perylene-d12	24.190	264	31304	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3235	0.290	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	8135	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	21380	0.211	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.481	88	7579	0.665	ng/ul	96
5) Naphthalene	10.982	128	26065	0.338	ng/ul	100
7) 2-Methylnaphthalene	12.577	142	12858	0.275	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	12138	0.248	ng/ul	99
10) Acenaphthylene	14.458	152	20043	0.205	ng/ul	99
11) Acenaphthene	14.791	153	15078	0.223	ng/ul	99
12) Fluorene	15.771	166	20664	0.270	ng/ul	99
15) Phenanthrene	17.515	178	209226	1.511	ng/ul	100
16) Anthracene	17.607	178	57772	0.462	ng/ul	100
19) Fluoranthene	19.520	202	391661	2.944	ng/ul	99
20) Pyrene	19.882	202	348819	2.457	ng/ul	100
21) Benzo(a)anthracene	21.630	228	177277	1.392	ng/ul	99
22) Chrysene	21.685	228	181967	1.447	ng/ul	99
24) Benzo(b)fluoranthene	23.398	252	315422	2.664	ng/ul	99
26) Benzo(a)pyrene	24.076	252	140968	1.319	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.874	276	94154	0.674	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.904	278	33474	0.300	ng/ul	95
29) Benzo(g,h,i)perylene	27.716	276	87736	0.754	ng/ul	99

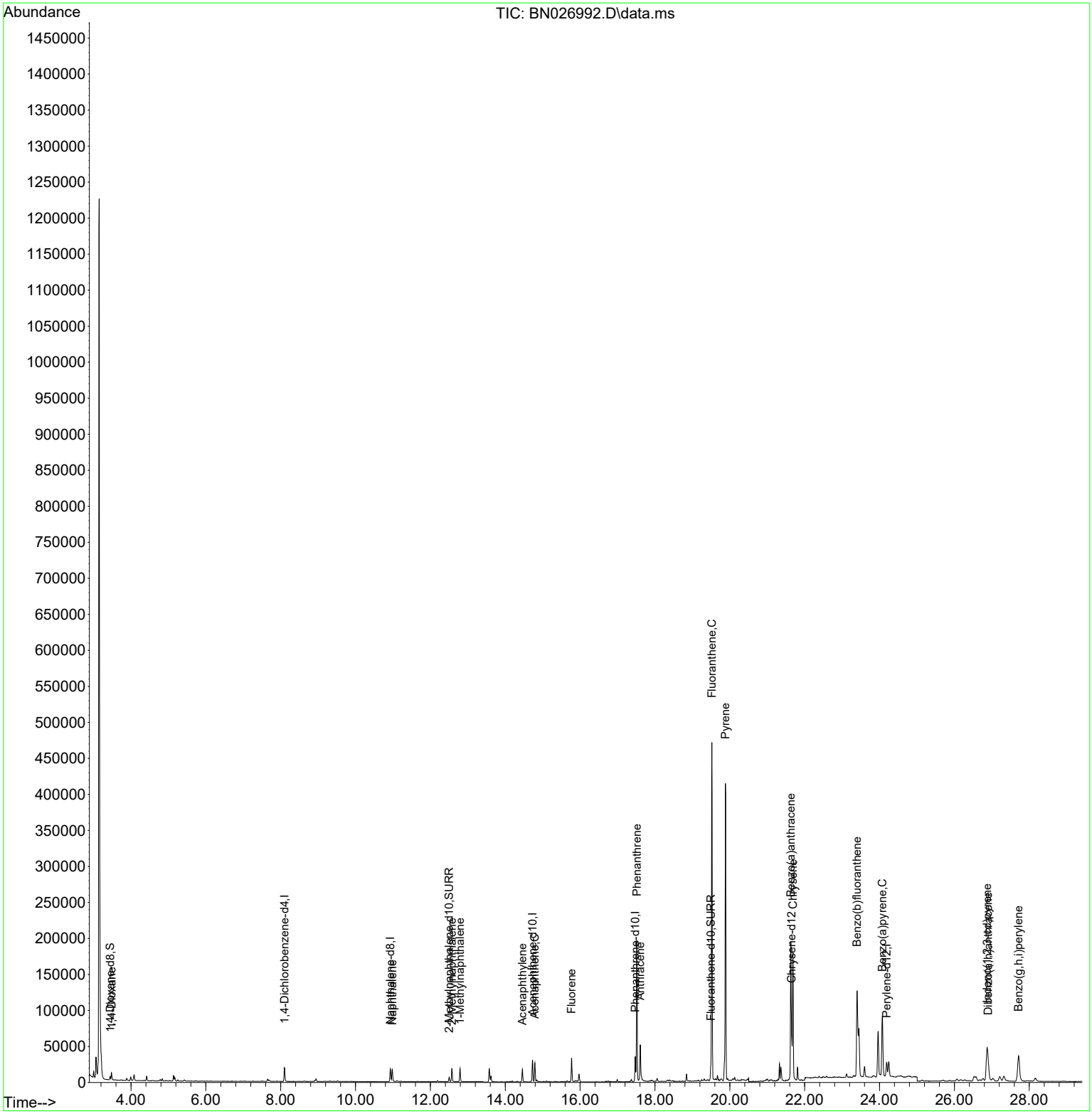
(#) = qualifier out of range (m) = manual integration (+) = signals summed

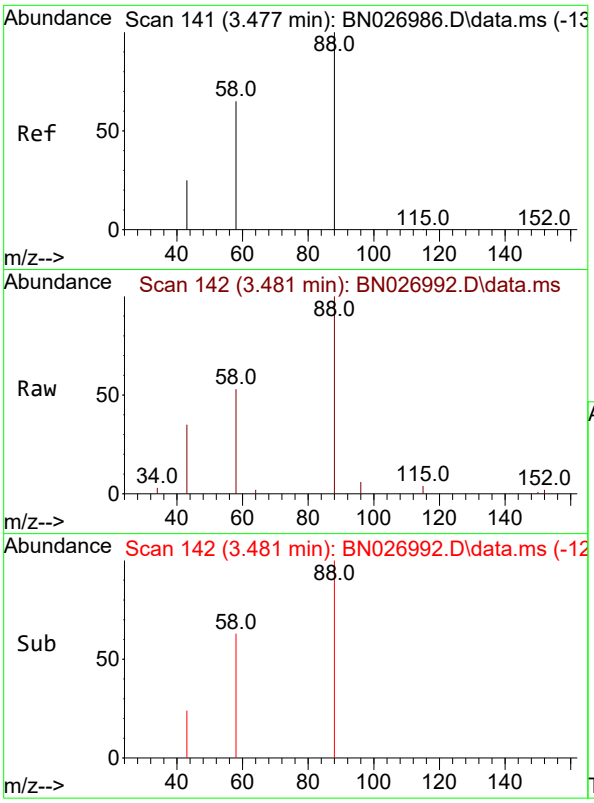
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026992.D
Acq On : 21 Aug 2023 14:39
Operator : MA/JU
Sample : 03967-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Quant Time: Aug 22 01:38:41 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



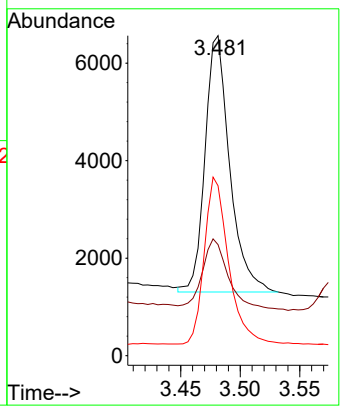


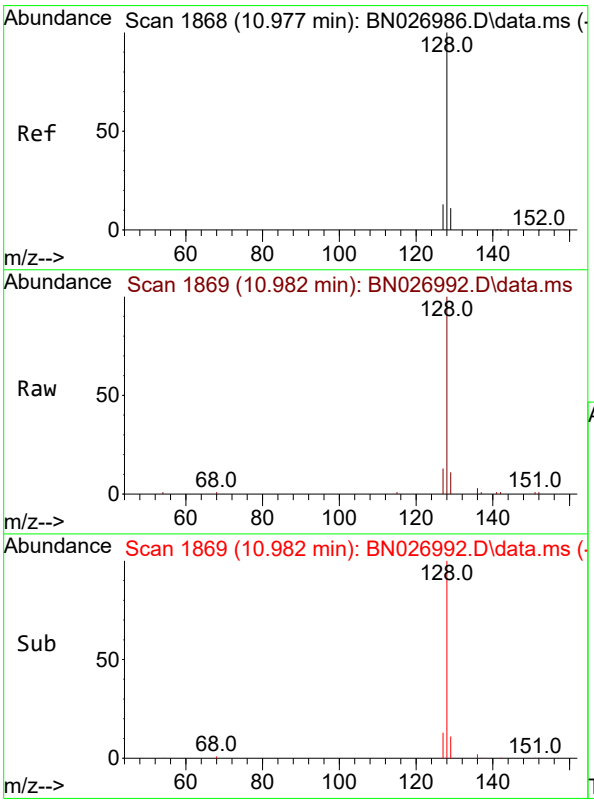
#2
1,4-Dioxane
Concen: 0.665 ng/ul
RT: 3.481 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion: 88 Resp: 7579

Ion	Ratio	Lower	Upper
88	100		
43	34.7	28.0	42.0
58	53.1	46.0	69.0

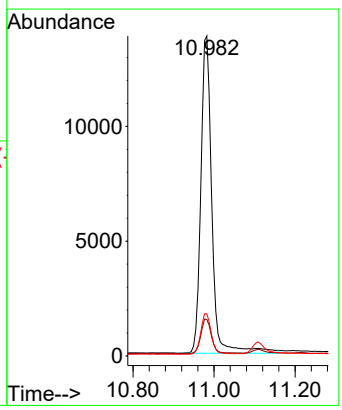


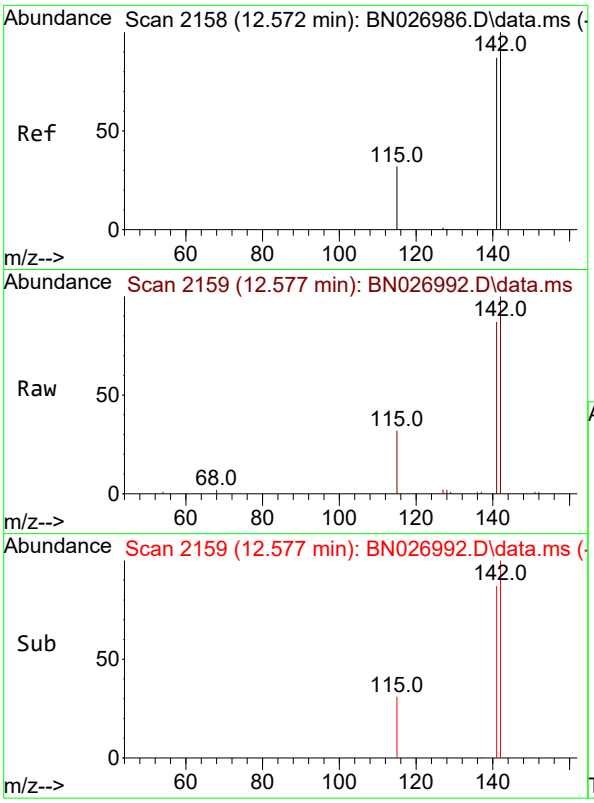


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:128 Resp: 26065

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.2	10.5	15.7



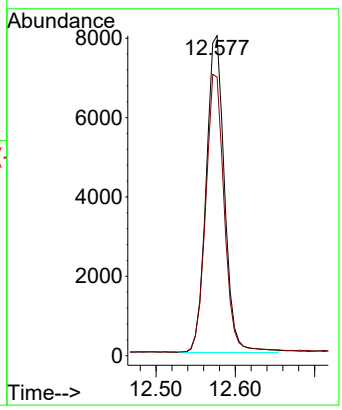


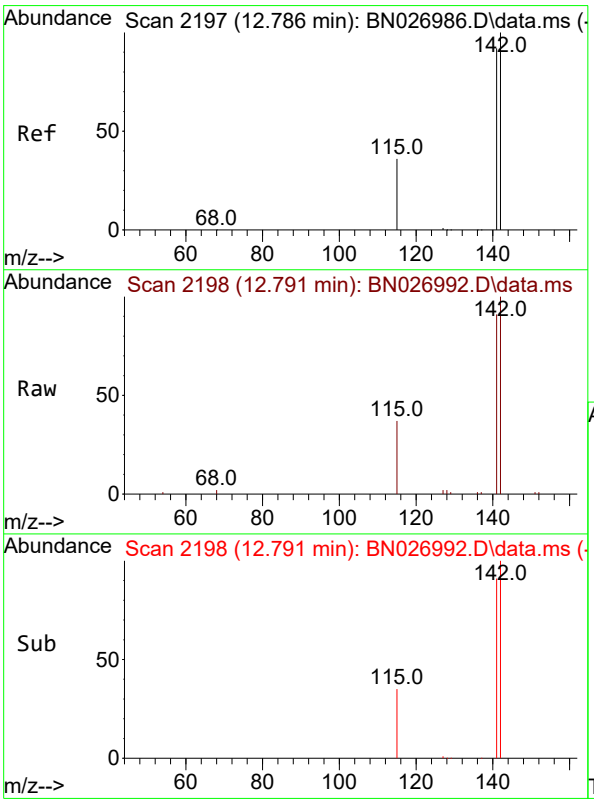
#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.577 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:142 Resp: 12858

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.9	106.3

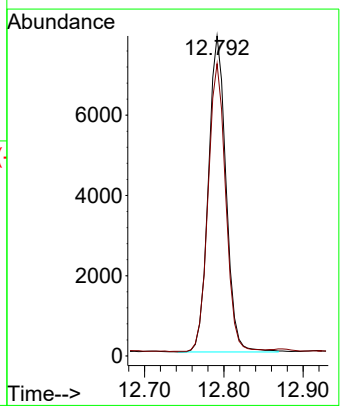


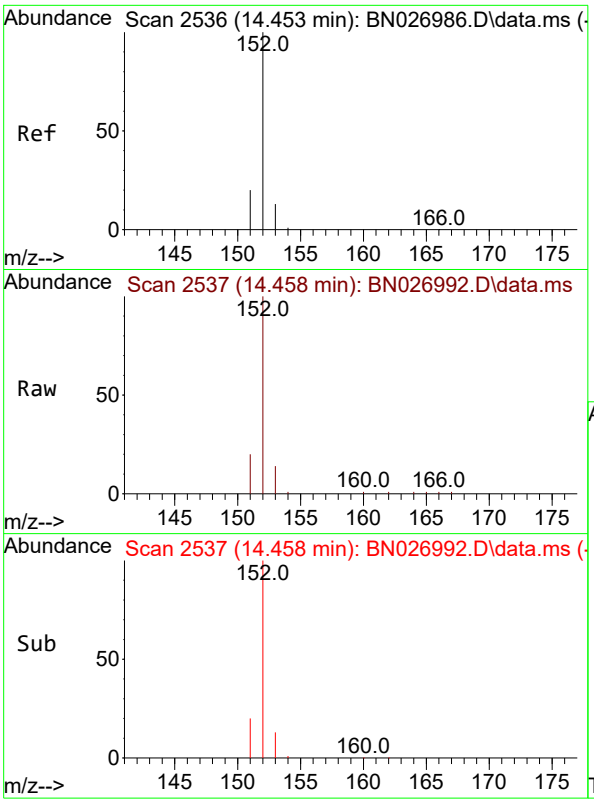


#8
1-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:142 Resp: 12138

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.2	109.8



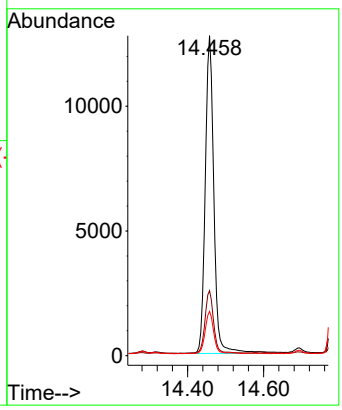


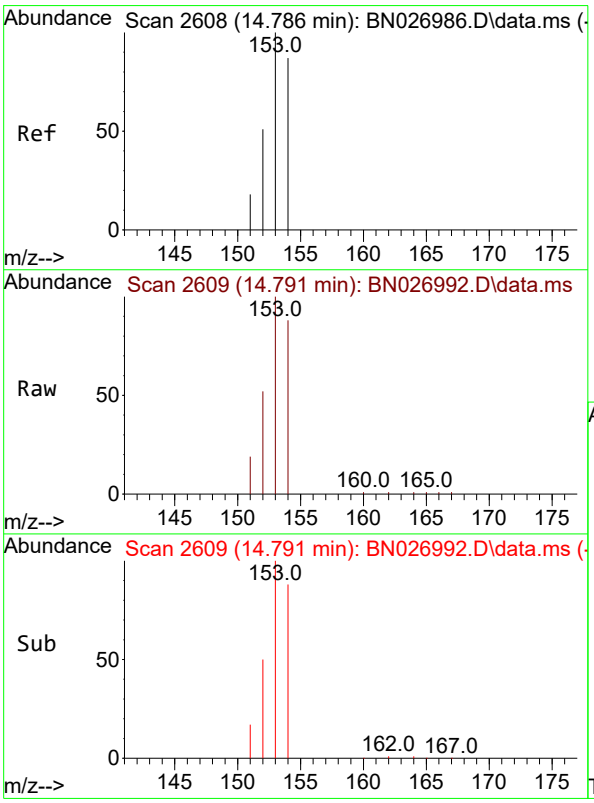
#10
Acenaphthylene
Concen: 0.205 ng/ul
RT: 14.458 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:152 Resp: 20043

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.8	11.0	16.6

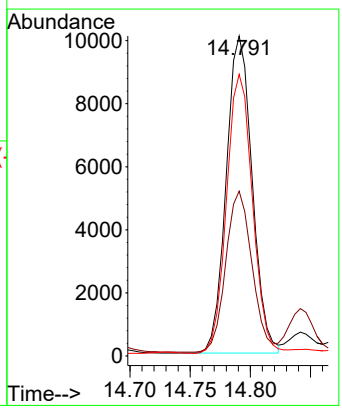


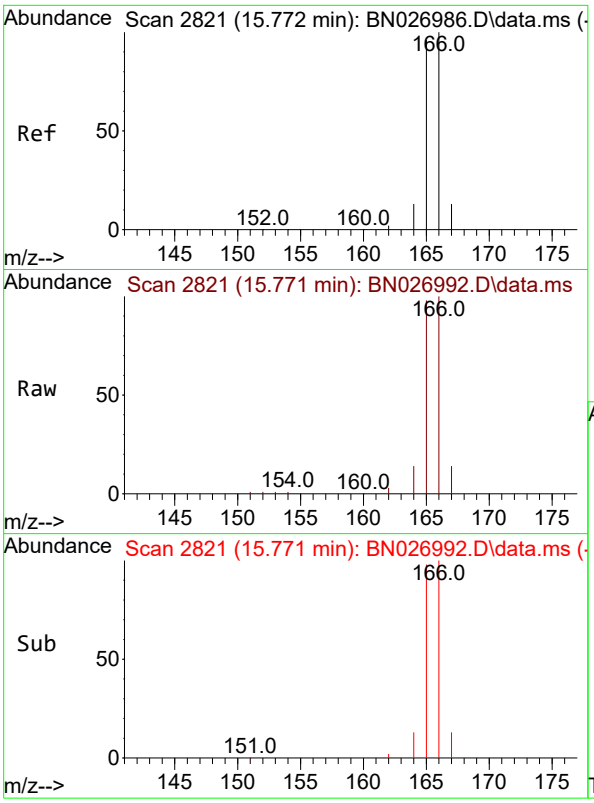


#11
Acenaphthene
Concen: 0.223 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:153 Resp: 15078

Ion	Ratio	Lower	Upper
153	100		
152	51.5	41.1	61.7
154	88.0	71.6	107.4



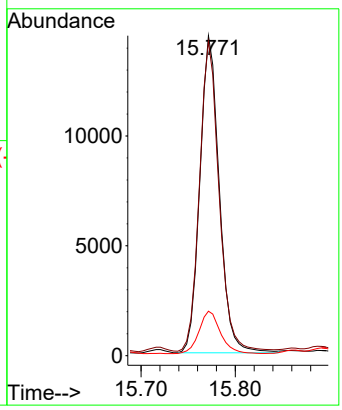


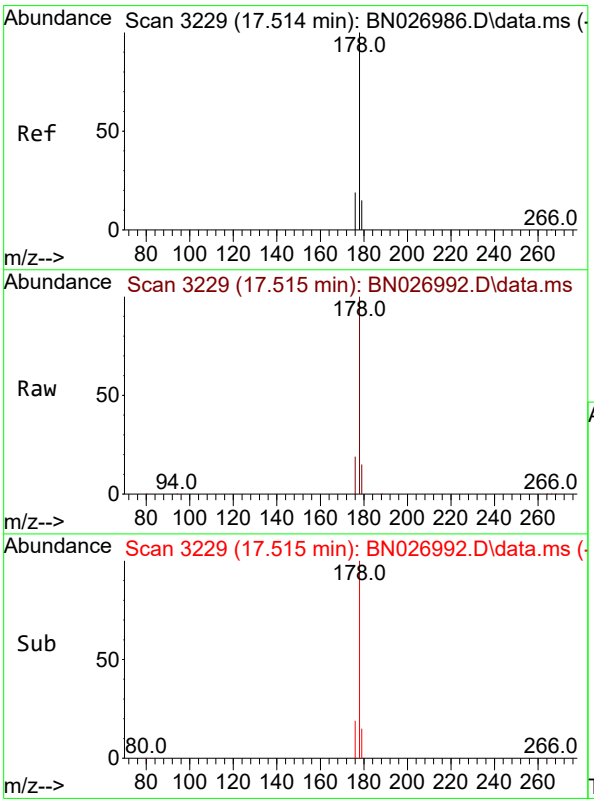
#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.771 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:166 Resp: 20664

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.1	118.7
167	13.9	11.4	17.0

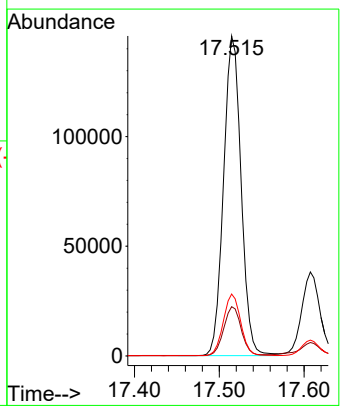


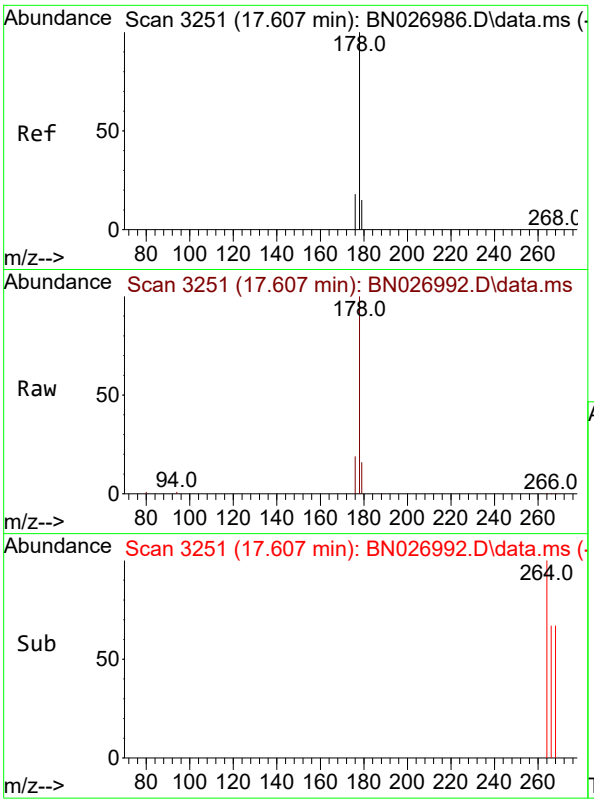


#15
Phenanthrene
Concen: 1.511 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:178 Resp: 209226

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.3	15.4	23.2



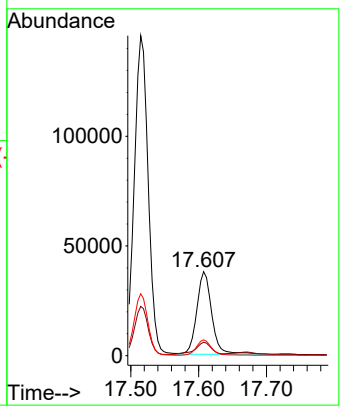


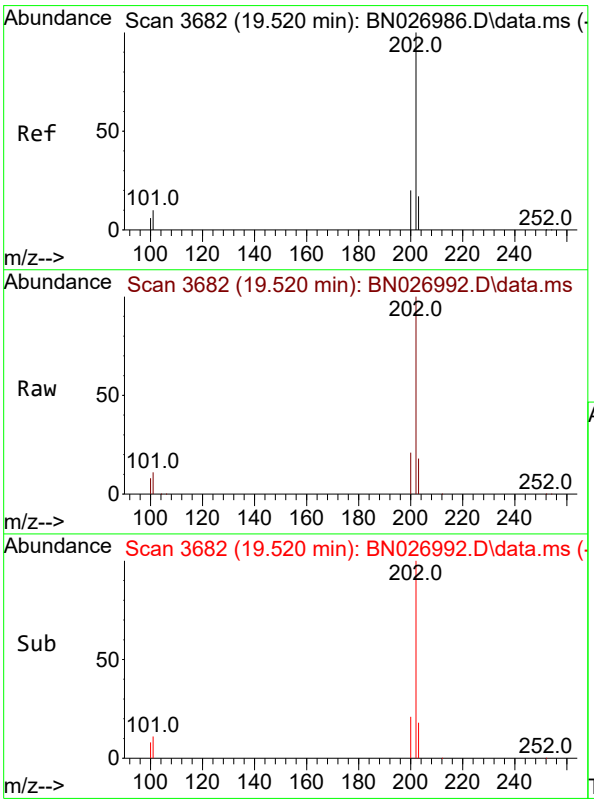
#16
Anthracene
Concen: 0.462 ng/ul
RT: 17.607 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:178 Resp: 57772

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	18.9	15.0	22.6

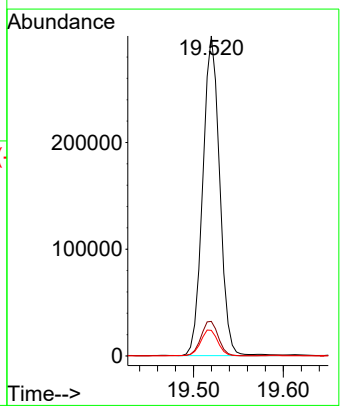


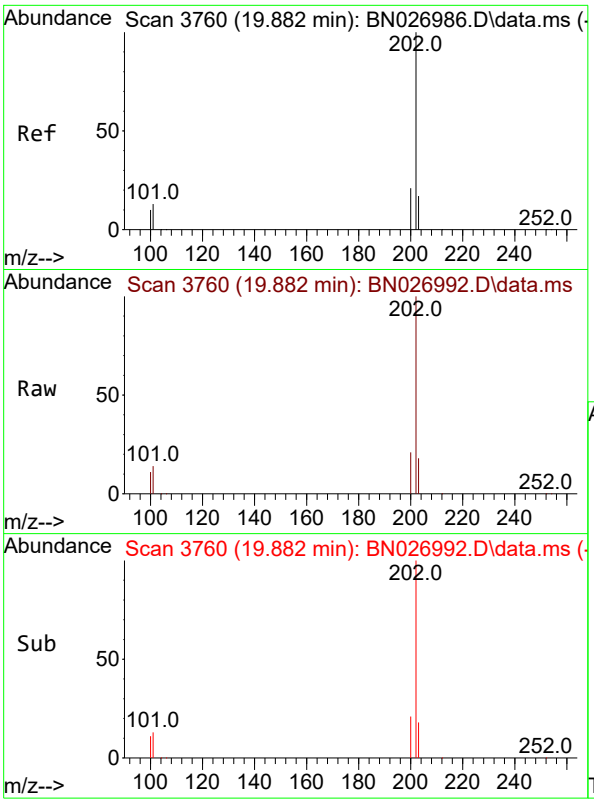


#19
Fluoranthene
Concen: 2.944 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:202 Resp: 391661

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.3	12.5
100	8.0	6.2	9.2



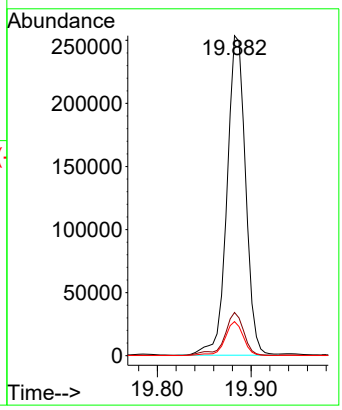


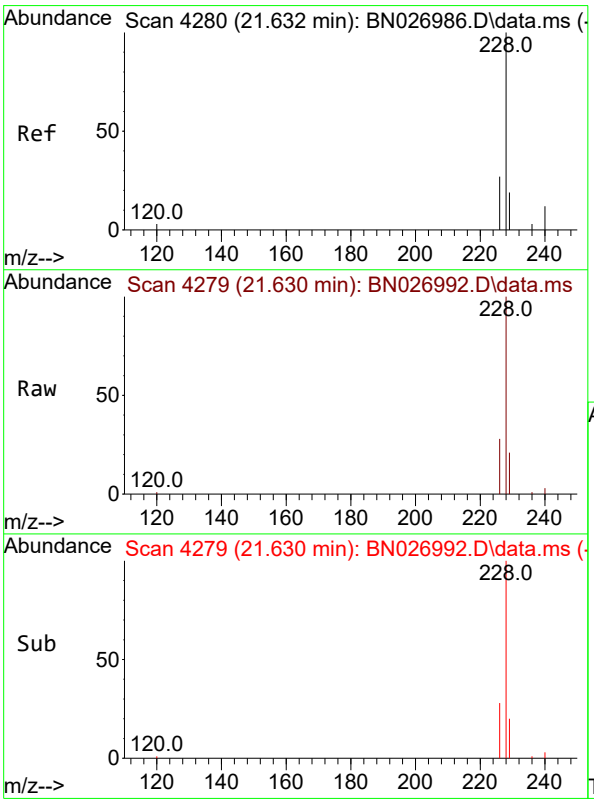
#20
Pyrene
Concen: 2.457 ng/ul
RT: 19.882 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:202 Resp: 348819

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.7	16.1
100	10.7	8.5	12.7

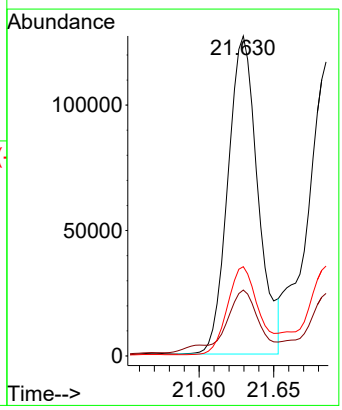


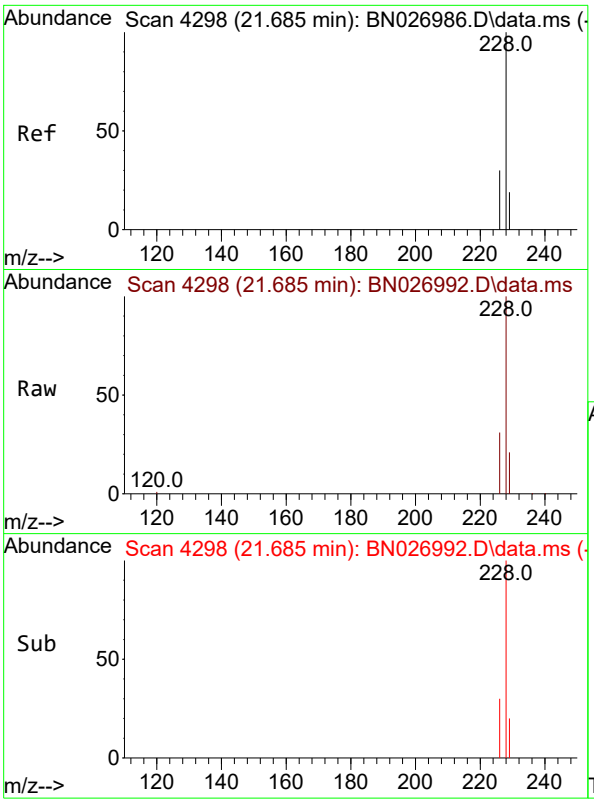


#21
Benzo(a)anthracene
Concen: 1.392 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:228 Resp: 177277

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	27.9	22.2	33.2



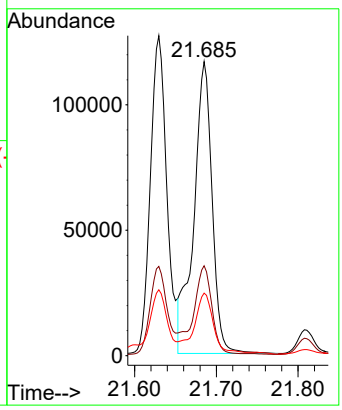


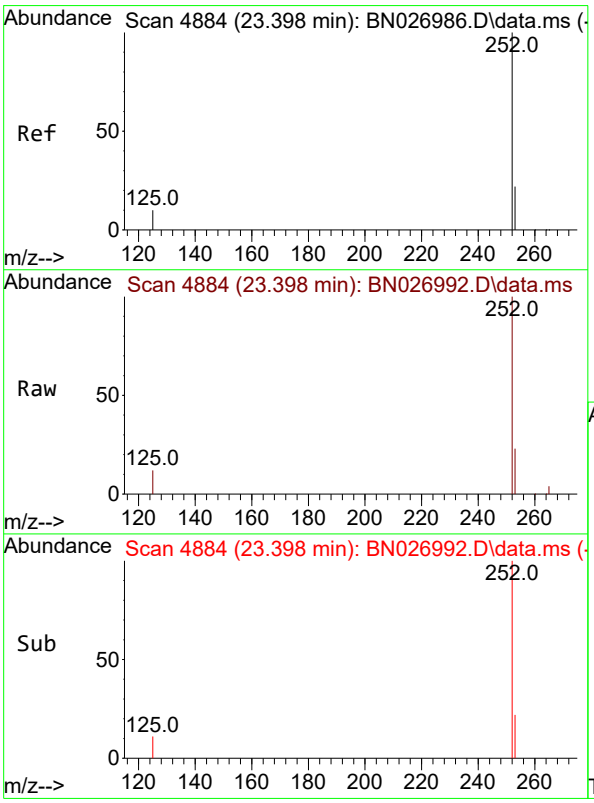
#22
Chrysene
Concen: 1.447 ng/ul
RT: 21.685 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:228 Resp: 181967

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	36.8
229	21.3	15.8	23.6

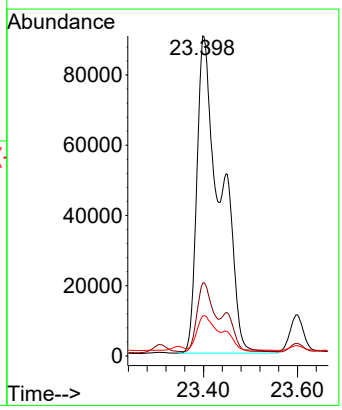


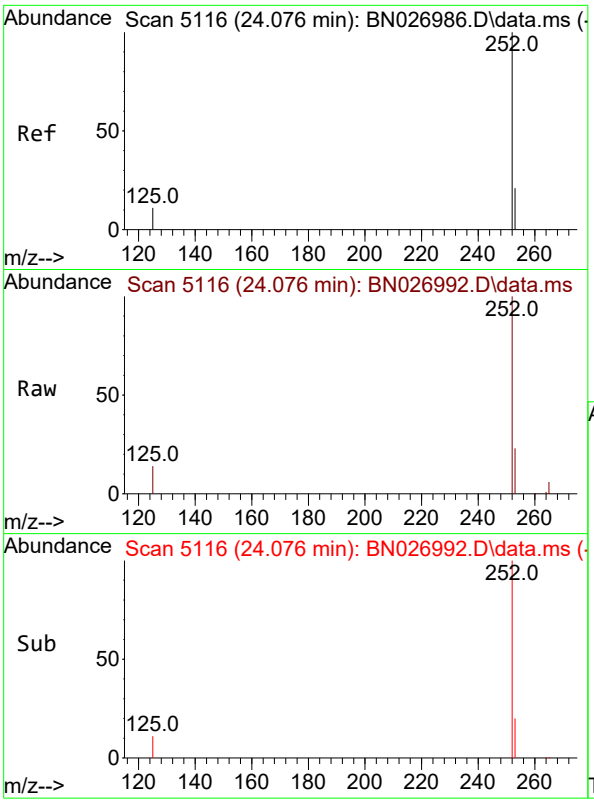


#24
Benzo(b)fluoranthene
Concen: 2.664 ng/ul
RT: 23.398 min Scan# 4884
Delta R.T. -0.009 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:252 Resp: 315422

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	46.8
125	12.5	0.0	25.2



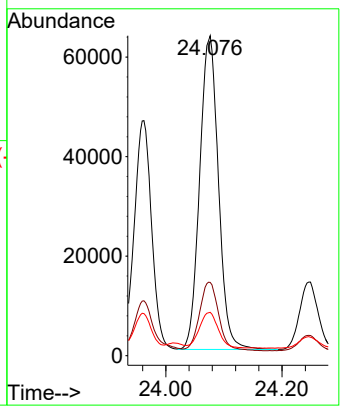


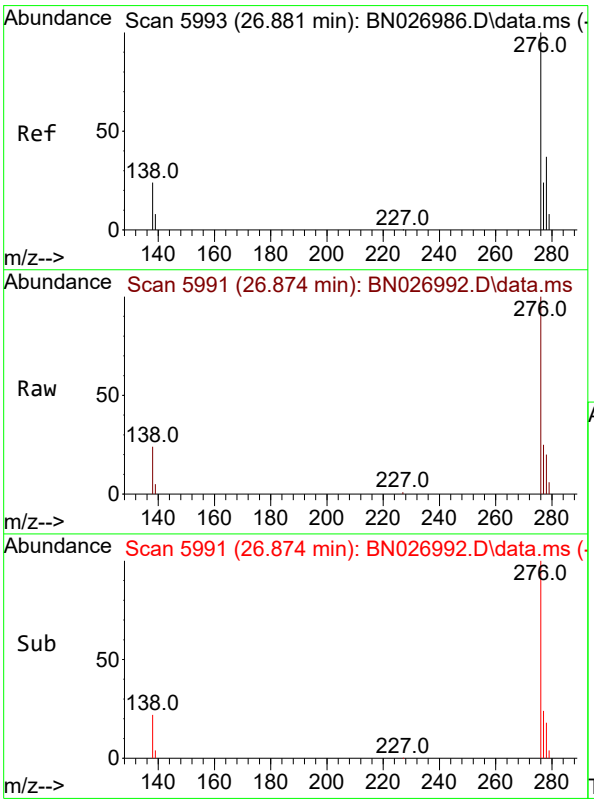
#26
Benzo(a)pyrene
Concen: 1.319 ng/ul
RT: 24.076 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:252 Resp: 140968

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.6
125	13.5	11.4	17.0

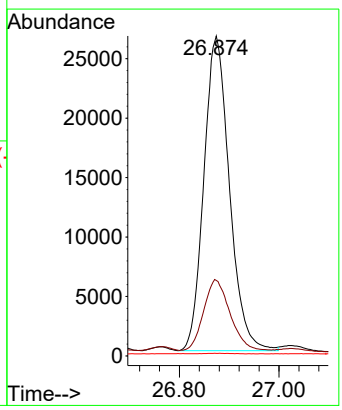


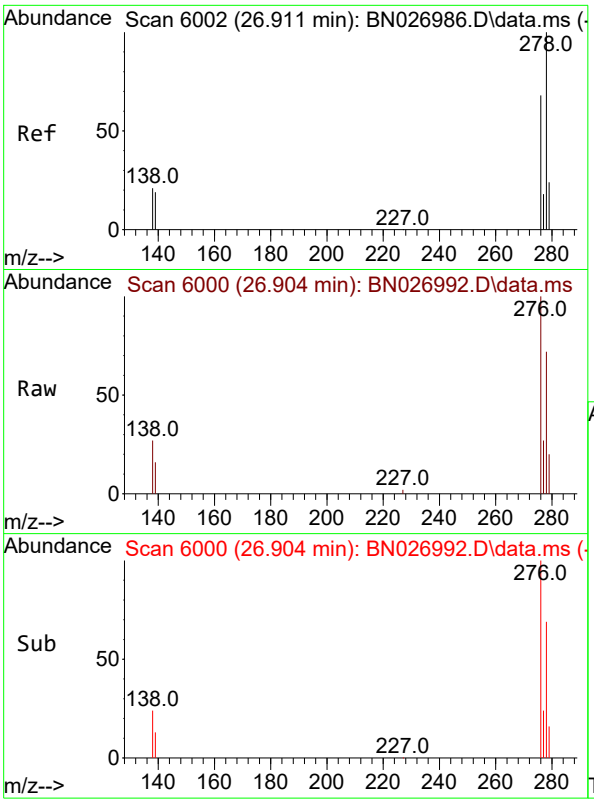


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.674 ng/ul
RT: 26.874 min Scan# 5991
Delta R.T. -0.011 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:276 Resp: 94154

Ion	Ratio	Lower	Upper
276	100		
138	23.3	21.6	32.4
227	0.2	0.0	0.0#



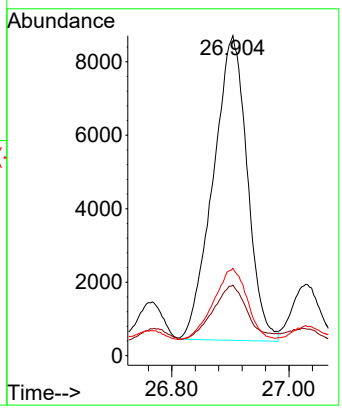


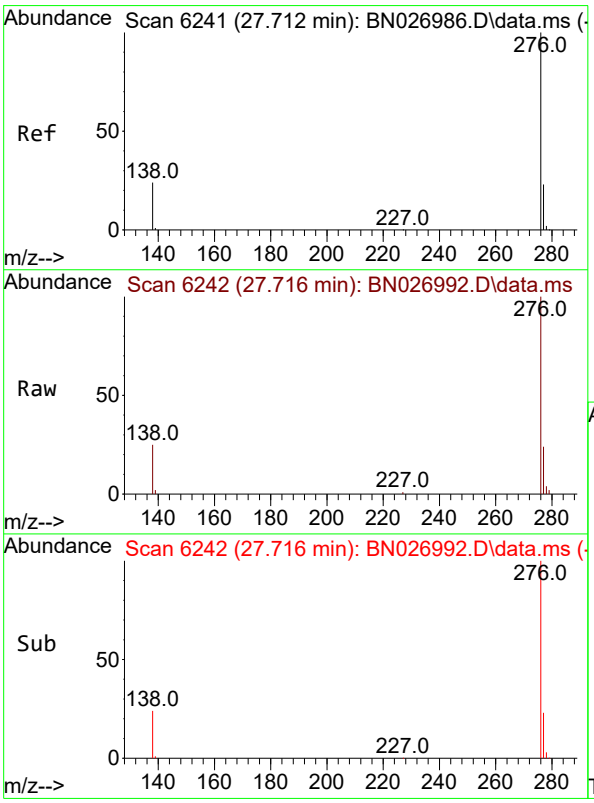
#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 26.904 min Scan# 6
Delta R.T. -0.017 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Instrument :
BNA_N
ClientSampleId :
A48K2MS

Tgt Ion:278 Resp: 33474

Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.7	23.5
279	27.3	20.2	30.4





#29
Benzo(g,h,i)perylene
Concen: 0.754 ng/ul
RT: 27.716 min Scan# 6242
Delta R.T. -0.007 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

Tgt Ion:276 Resp: 87736

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.3	28.9
277	24.3	19.8	29.8