Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021881.D
Acq On : 23 Sep 2022 01:40
Operator : CG/JU
Sample : PB147815BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 02:13:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17360	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9488	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	16656	0.400	ng/ul	0.00
17) Chrysene-d12	21.647	240	11458	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	10094	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3574	0.549	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	8475	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	13039	0.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	9578	1.435	ng/ul#	89
5) Naphthalene	10.927	128	14942	0.305	ng/ul	98
7) 2-Methylnaphthalene	12.539	142	9625	0.303	ng/ul	98
8) 1-Methylnaphthalene	12.759	142	9989	0.306	ng/ul	99
10) Acenaphthylene	14.430	152	13330	0.335	ng/ul	98
11) Acenaphthene	14.768	153	10127	0.300	ng/ul	100
12) Fluorene	15.753	166	10839	0.286	ng/ul	99
14) Pentachlorophenol	17.109	266	1525	0.473	ng/ul	99
15) Phenanthrene	17.498	178	15720	0.299	ng/ul	100
16) Anthracene	17.591	178	13932	0.319	ng/ul	99
19) Fluoranthene	19.515	202	16070	0.300	ng/ul	97
20) Pyrene	19.878	202	16217	0.307	ng/ul	95
21) Benzo(a)anthracene	21.630	228	13657	0.356	ng/ul	98
22) Chrysene	21.685	228	13925	0.333	ng/ul	99
24) Benzo(b)fluoranthene	23.381	252	13838	0.283	ng/ul	90
25) Benzo(k)fluoranthene	23.430	252	12787	0.269	ng/ul#	88
26) Benzo(a)pyrene	24.038	252	12938	0.349	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.797	276	14728	0.353	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.821	278	12059	0.341	ng/ul#	94
29) Benzo(g,h,i)perylene	27.606	276	12821	0.334	ng/ul	95

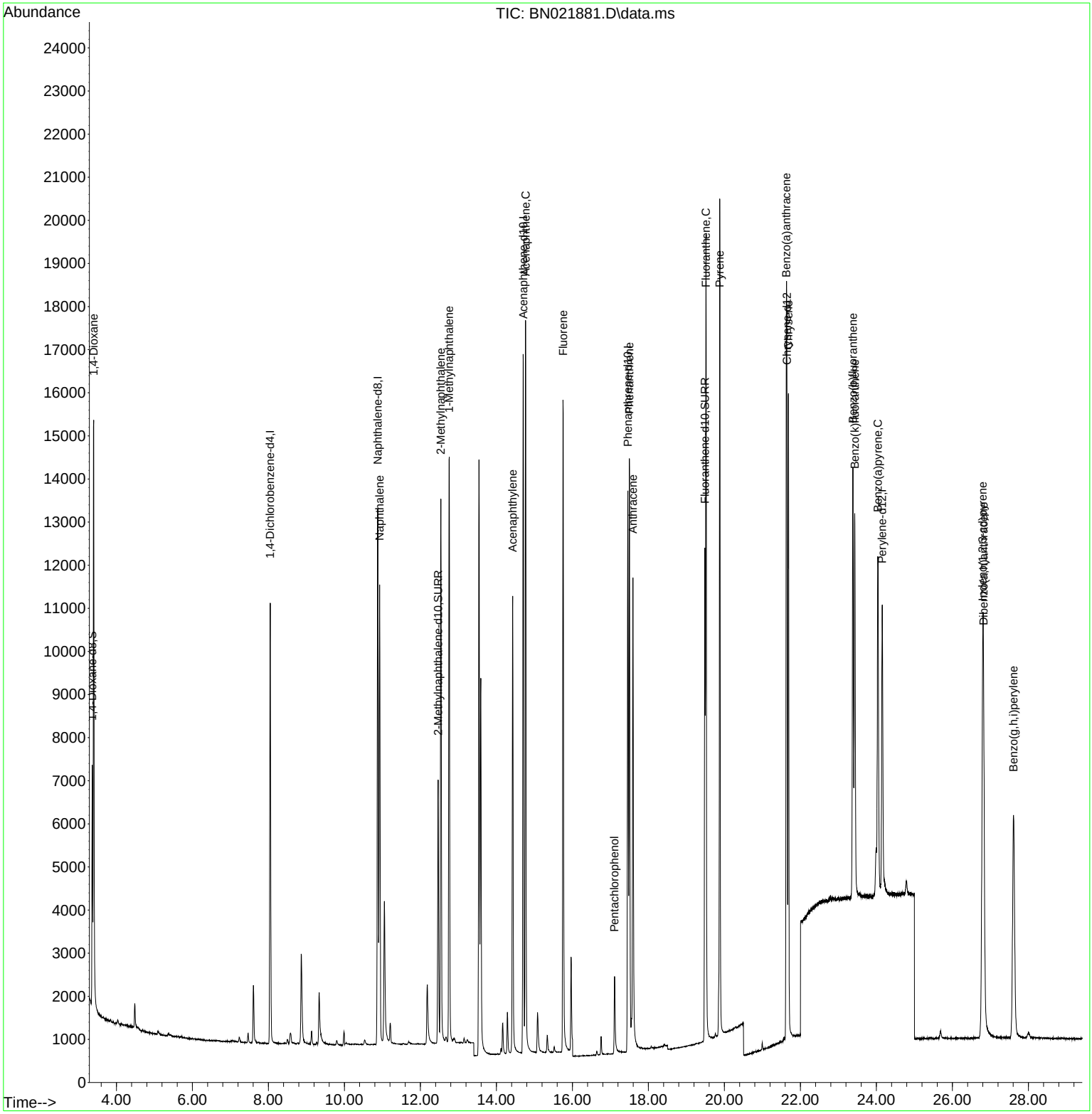
(#) = qualifier out of range (m) = manual integration (+) = signals summed

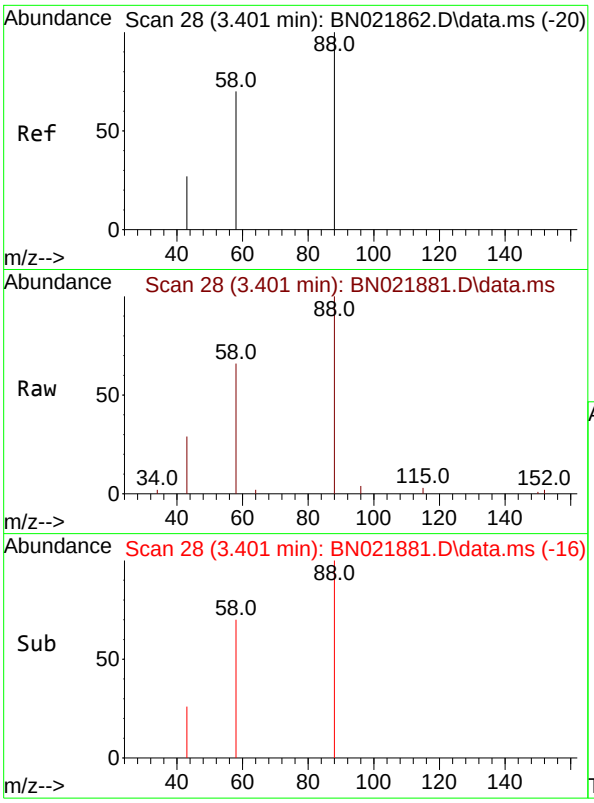
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021881.D
Acq On : 23 Sep 2022 01:40
Operator : CG/JU
Sample : PB147815BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 02:13:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



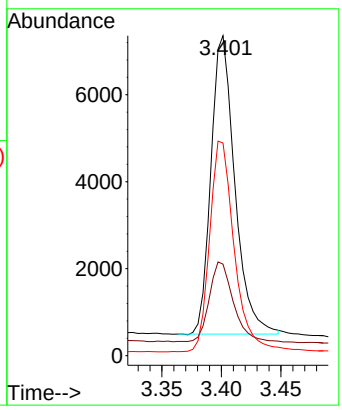


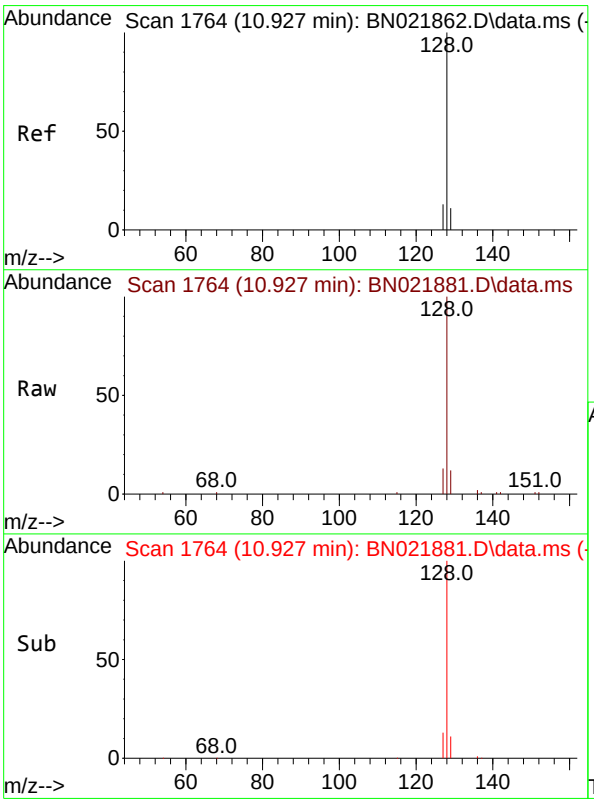
#2
1,4-Dioxane
Concen: 1.435 ng/ul
RT: 3.401 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 9578

Ion	Ratio	Lower	Upper
88	100		
43	28.6	31.4	47.0#
58	66.5	49.0	73.6

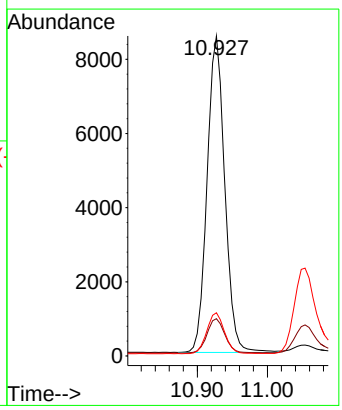


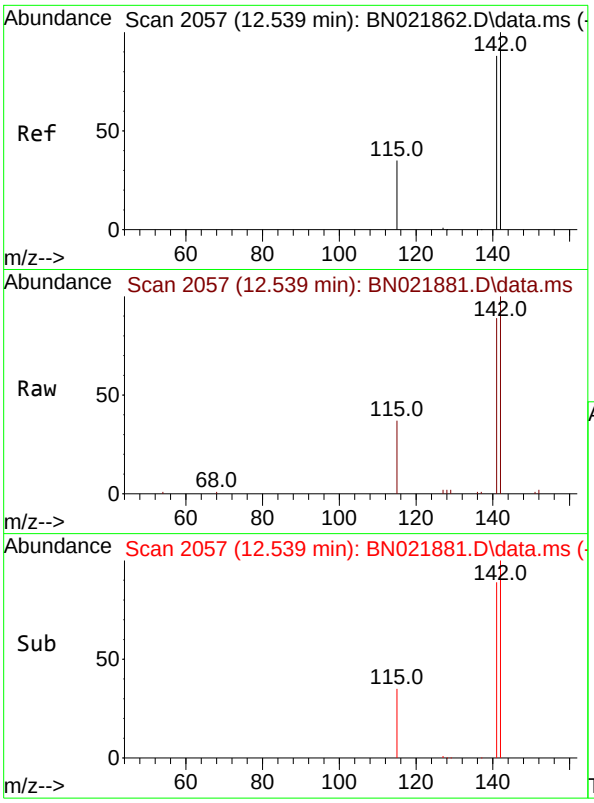


#5
Naphthalene
Concen: 0.305 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:128 Resp: 14942

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.5	11.6	17.4



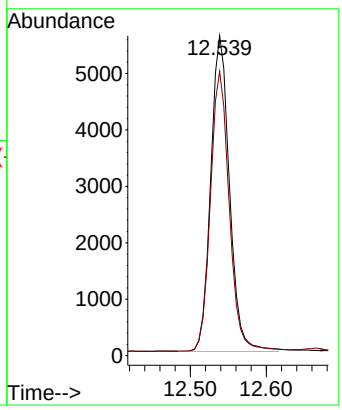


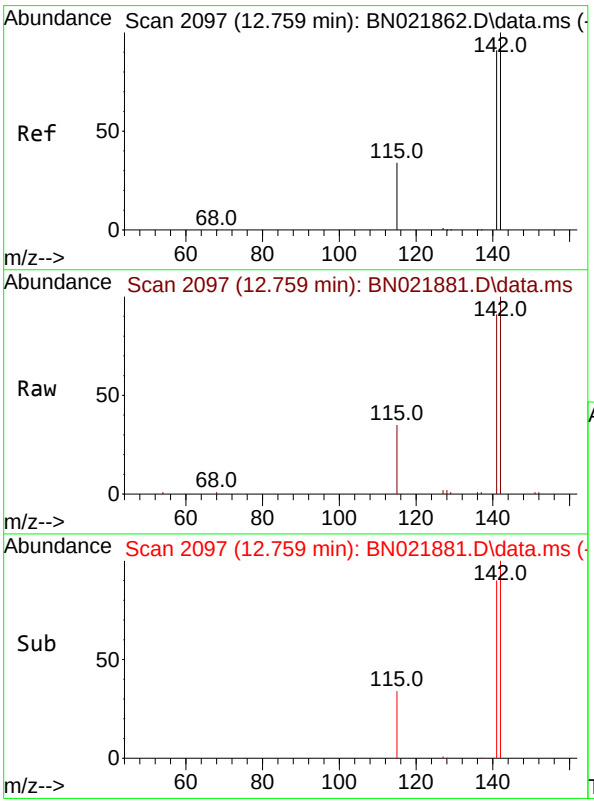
#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.539 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 9625

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2

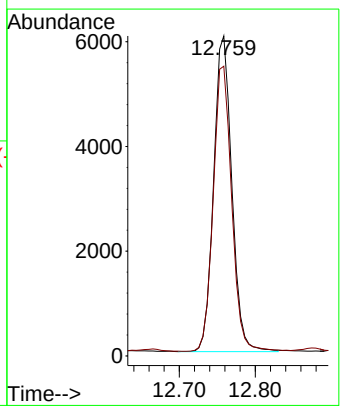


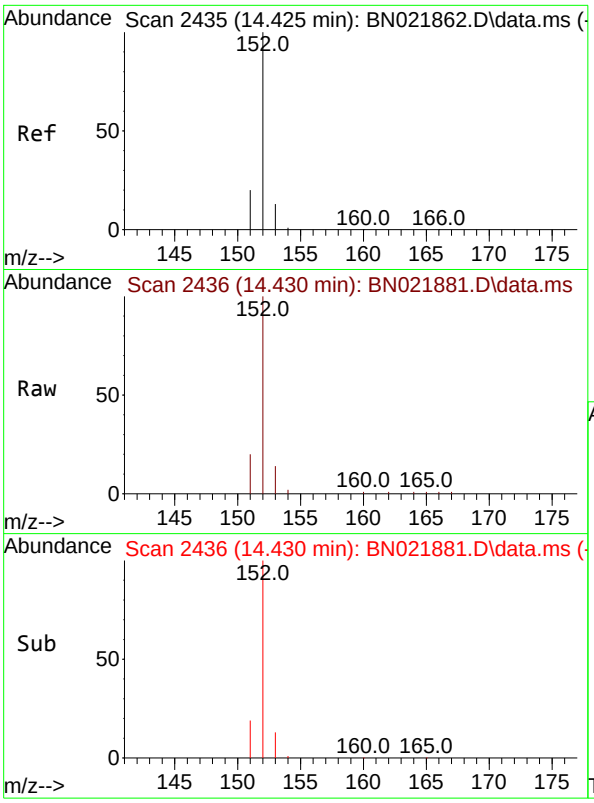


#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.759 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:142 Resp: 9989

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9



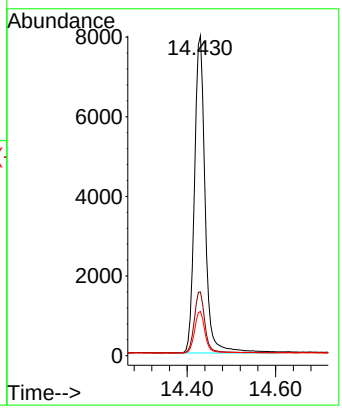


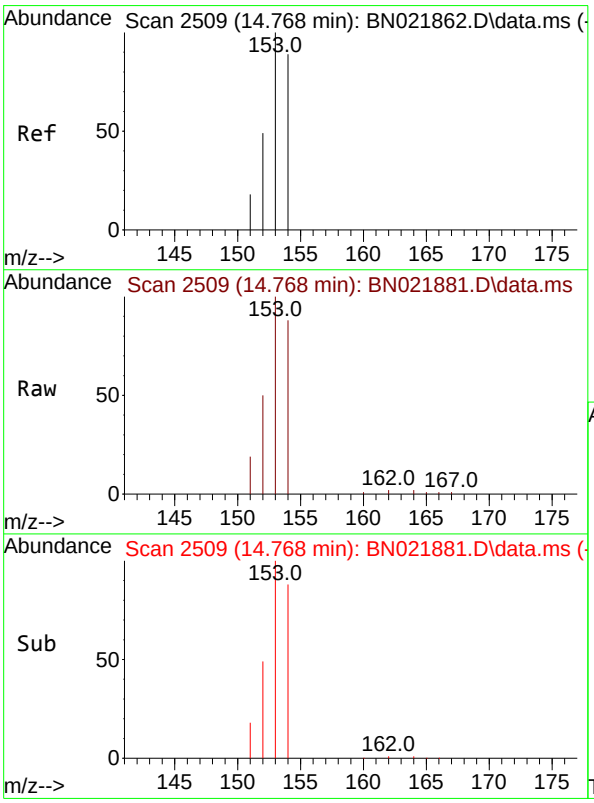
#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.430 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13330

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.9	25.3
153	13.8	11.2	16.8

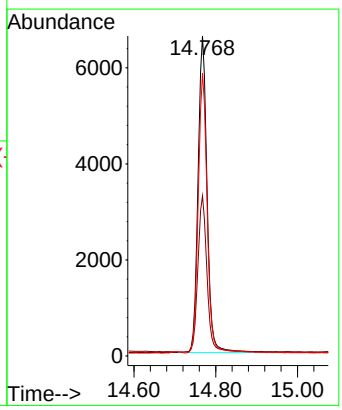


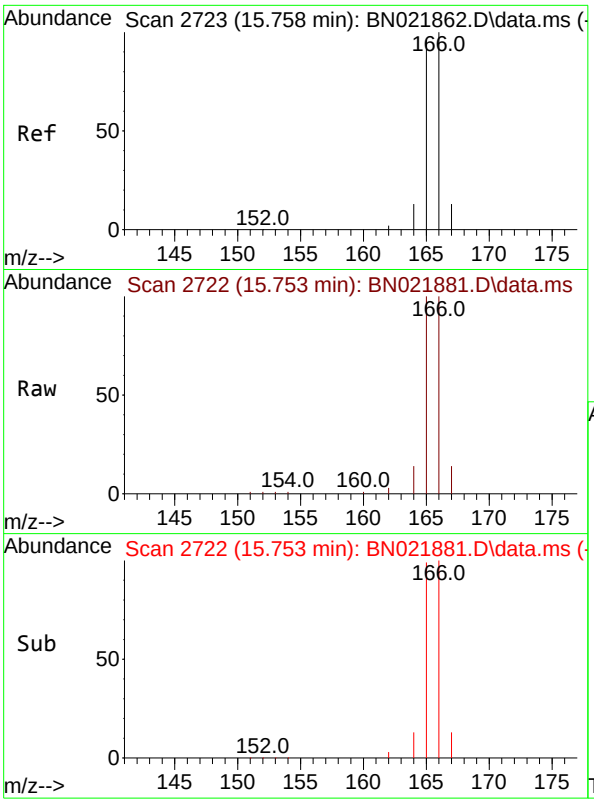


#11
Acenaphthene
Concen: 0.300 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:153 Resp: 10127

Ion	Ratio	Lower	Upper
153	100		
152	50.1	40.2	60.4
154	88.4	70.7	106.1



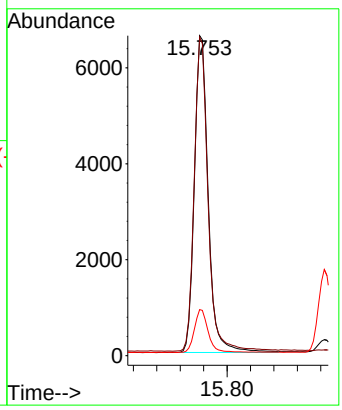


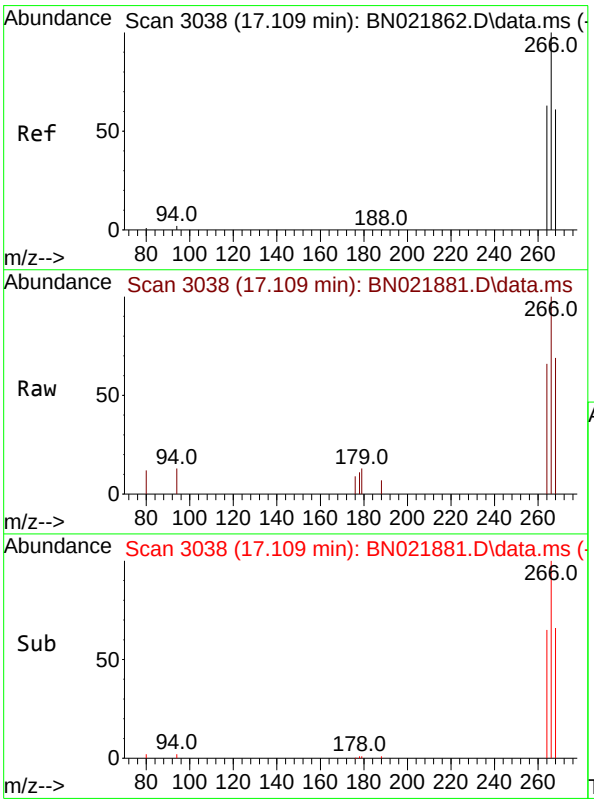
#12
Fluorene
Concen: 0.286 ng/ul
RT: 15.753 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 10839

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	14.4	11.8	17.6

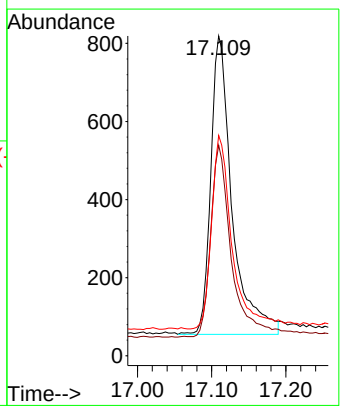


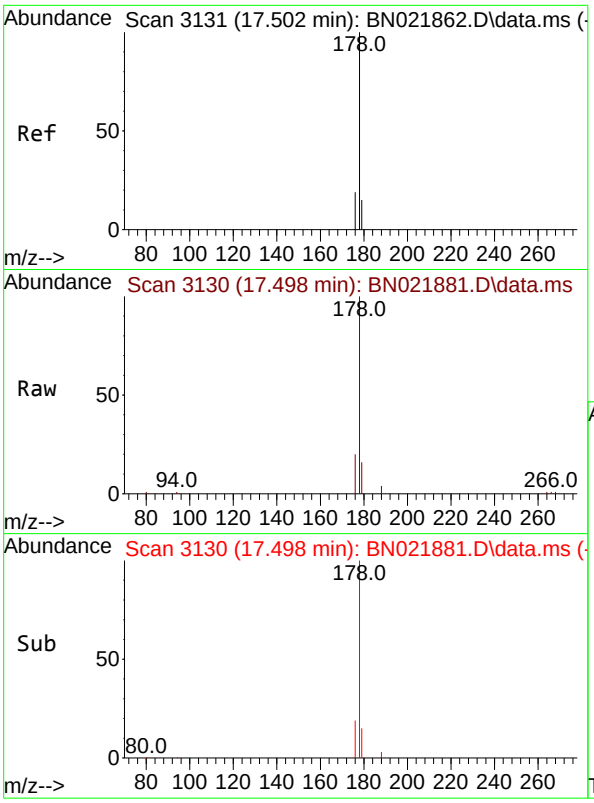


#14
Pentachlorophenol
Concen: 0.473 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:266 Resp: 1525

Ion	Ratio	Lower	Upper
266	100		
264	61.8	49.8	74.8
268	63.0	50.6	75.8



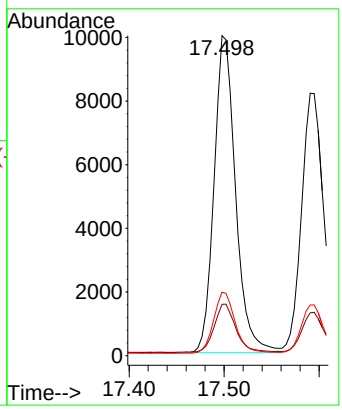


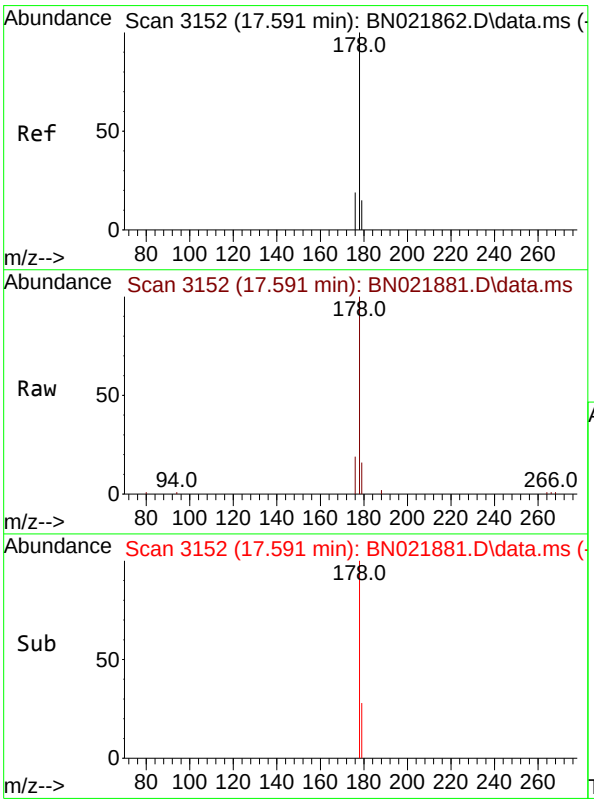
#15
Phenanthrene
Concen: 0.299 ng/ul
RT: 17.498 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15720

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.9	15.9	23.9

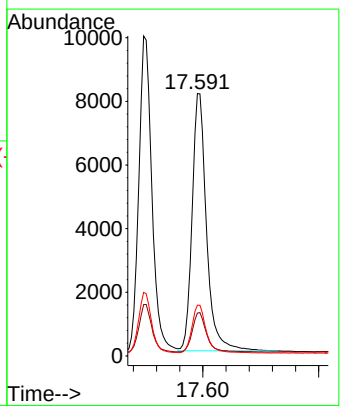


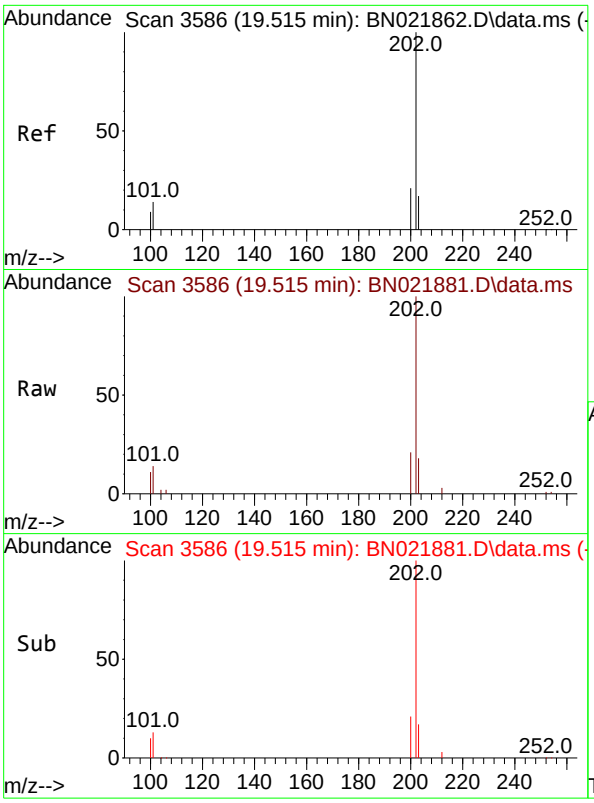


#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:178 Resp: 13932

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.4	15.9	23.9



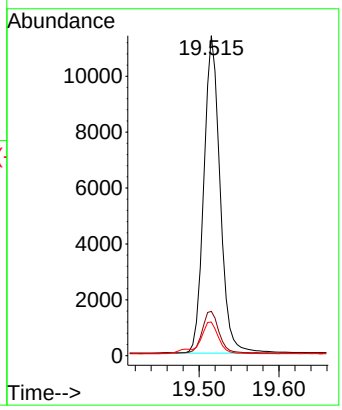


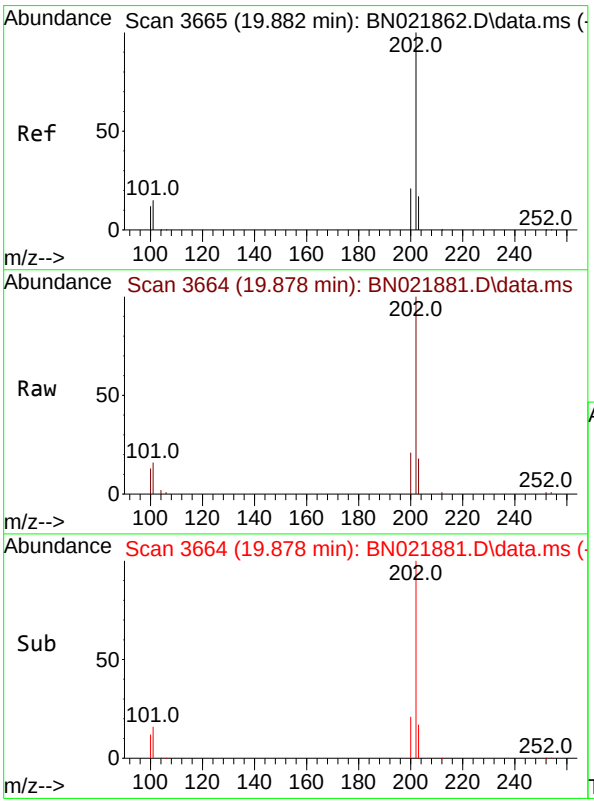
#19
Fluoranthene
Concen: 0.300 ng/ul
RT: 19.515 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 16070

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.0	15.0
100	10.5	8.0	12.0

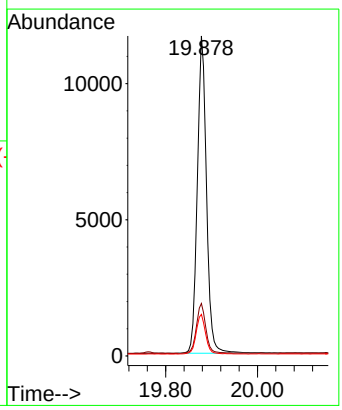


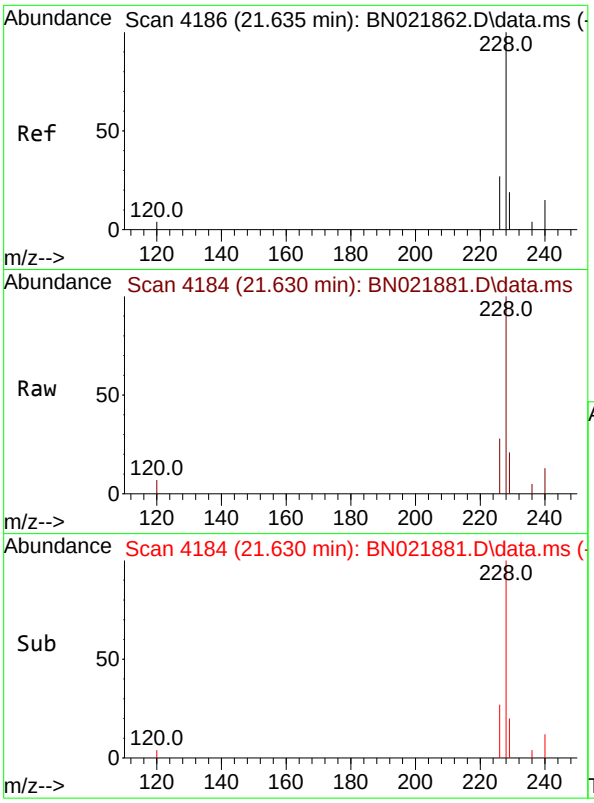


#20
Pyrene
Concen: 0.307 ng/ul
RT: 19.878 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:202 Resp: 16217

Ion	Ratio	Lower	Upper
202	100		
101	16.4	11.3	16.9
100	13.0	9.0	13.4



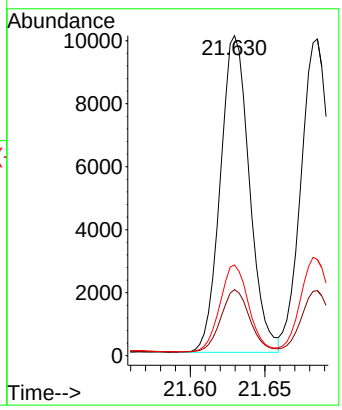


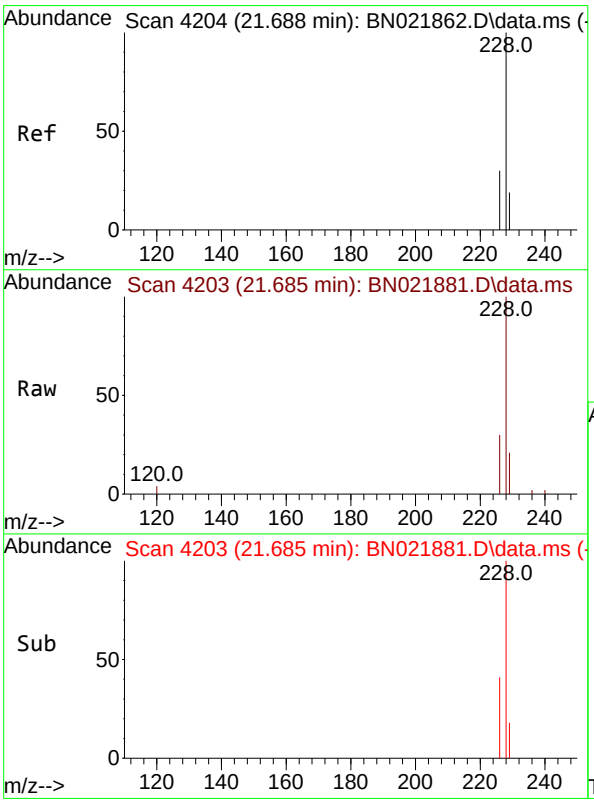
#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.630 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 13657

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.3	21.9	32.9

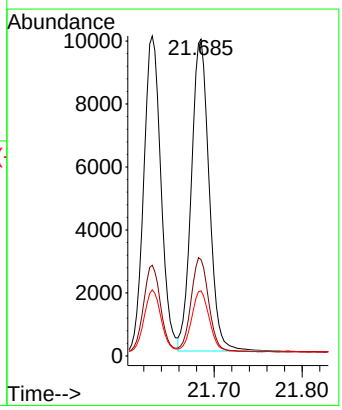


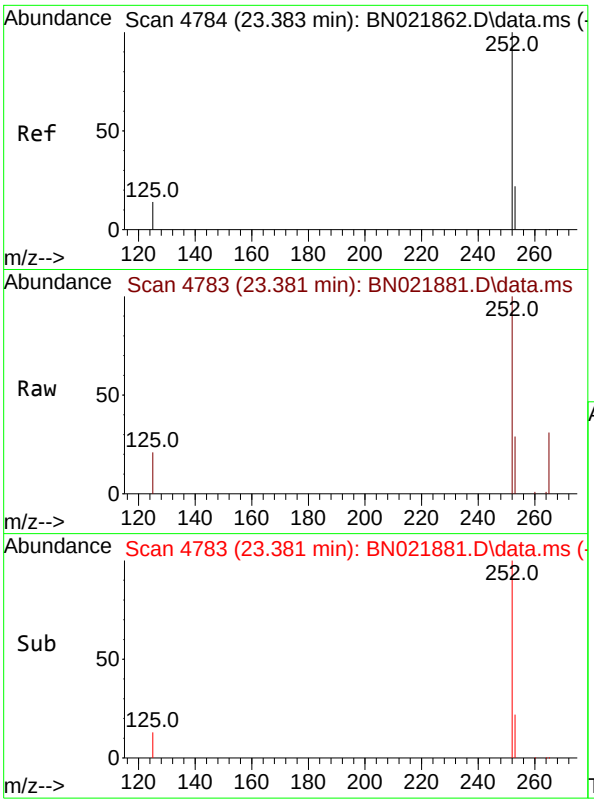


#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.685 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:228 Resp: 13925

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.6	15.8	23.8



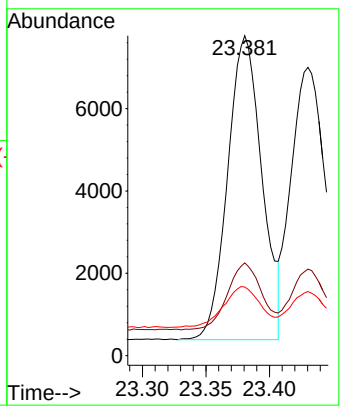


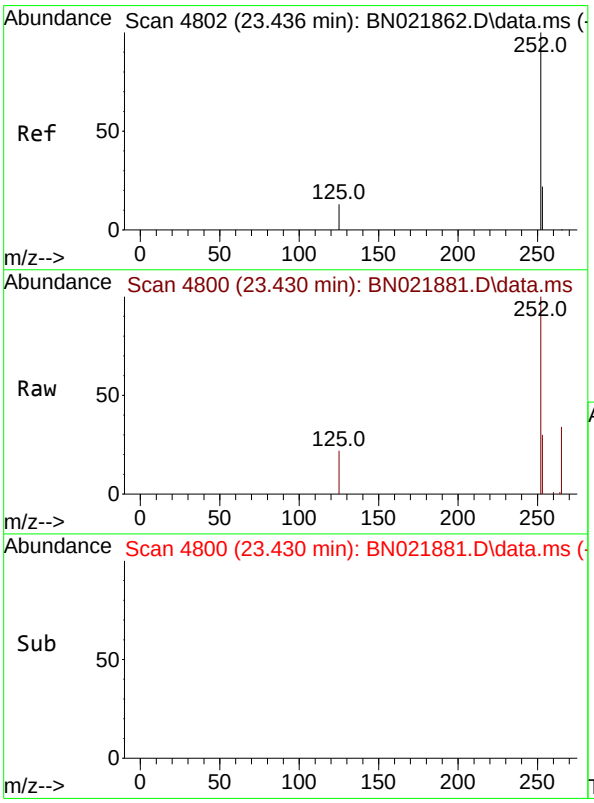
#24
Benzo(b)fluoranthene
Concen: 0.283 ng/ul
RT: 23.381 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13838

Ion	Ratio	Lower	Upper
252	100		
253	29.0	0.0	50.8
125	21.5	0.0	30.0

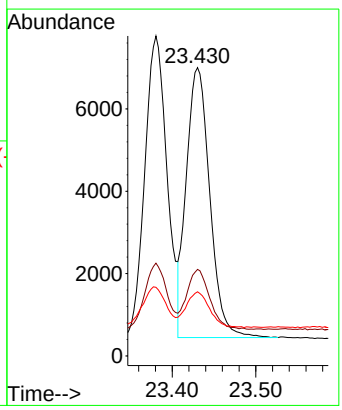


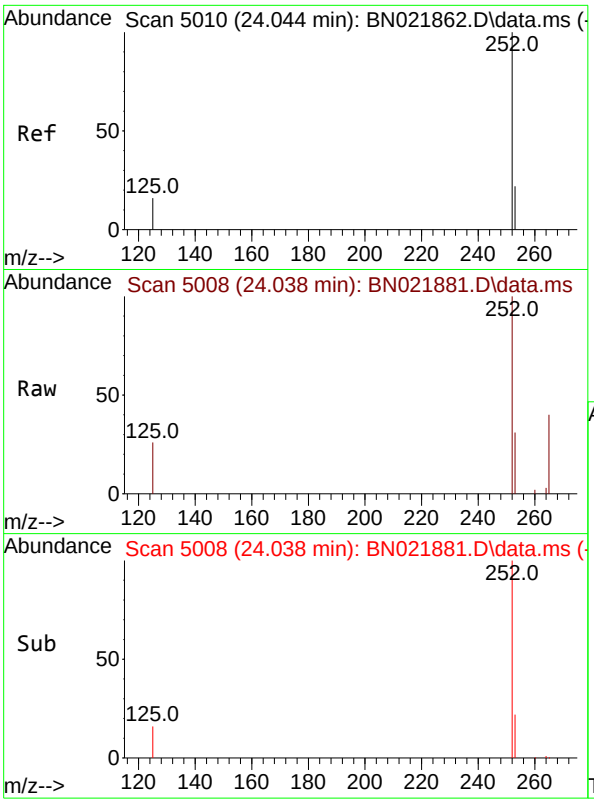


#25
Benzo(k)fluoranthene
Concen: 0.269 ng/ul
RT: 23.430 min Scan# 4800
Delta R.T. 0.000 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:252 Resp: 12787

Ion	Ratio	Lower	Upper
252	100		
253	30.1	20.6	31.0
125	22.3	11.8	17.6#



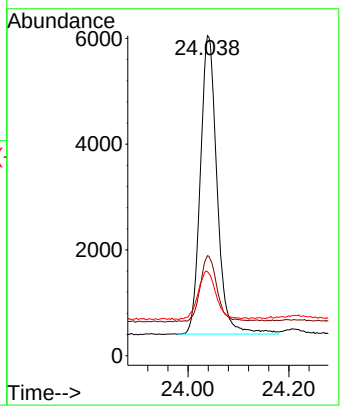


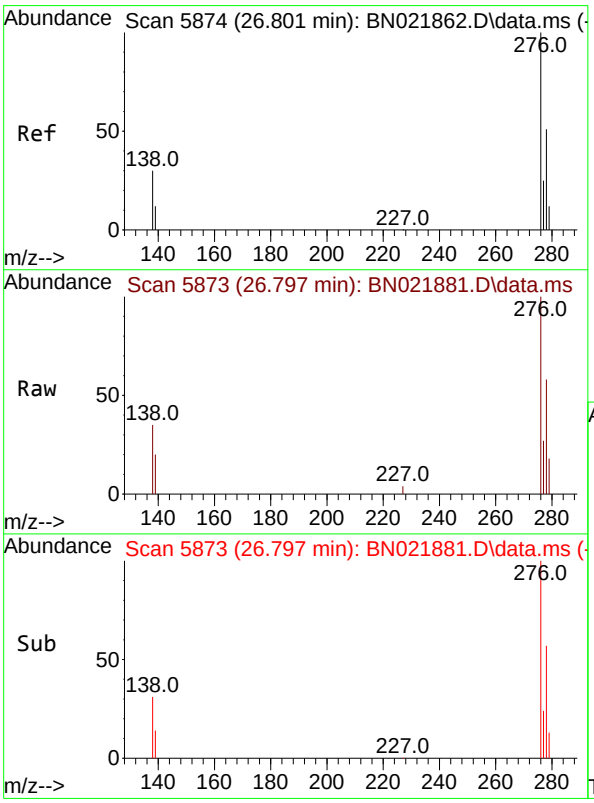
#26
Benzo(a)pyrene
Concen: 0.349 ng/ul
RT: 24.038 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12938

Ion	Ratio	Lower	Upper
252	100		
253	31.3	22.1	33.1
125	26.2	14.7	22.1#

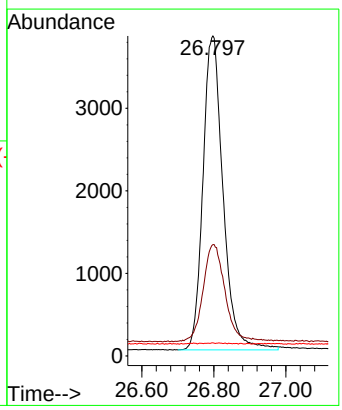


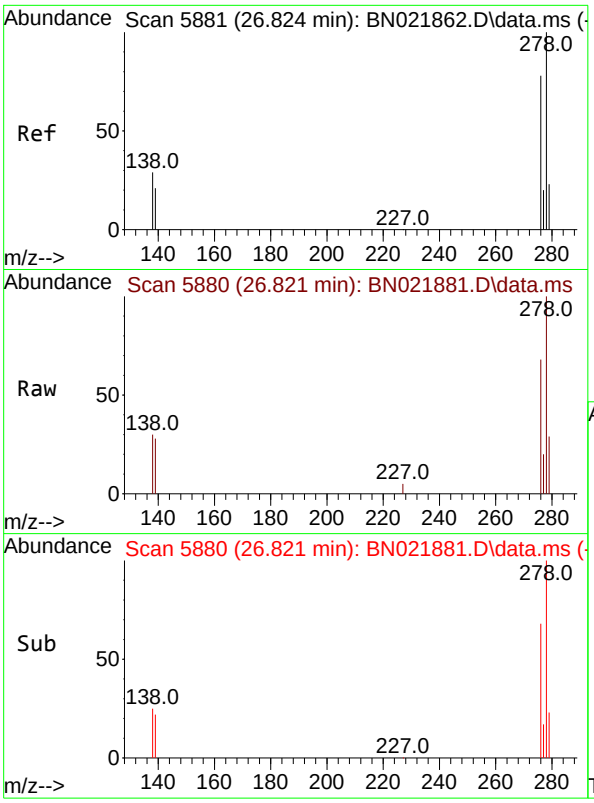


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.797 min Scan# 5873
Delta R.T. 0.007 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:276 Resp: 14728

Ion	Ratio	Lower	Upper
276	100		
138	33.6	26.1	39.1
227	0.1	0.1	0.1#



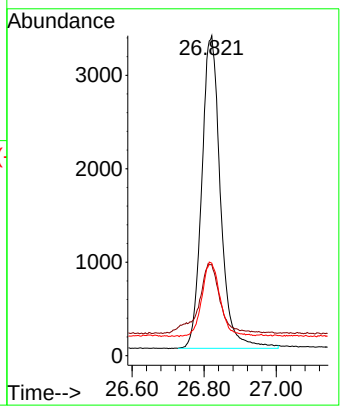


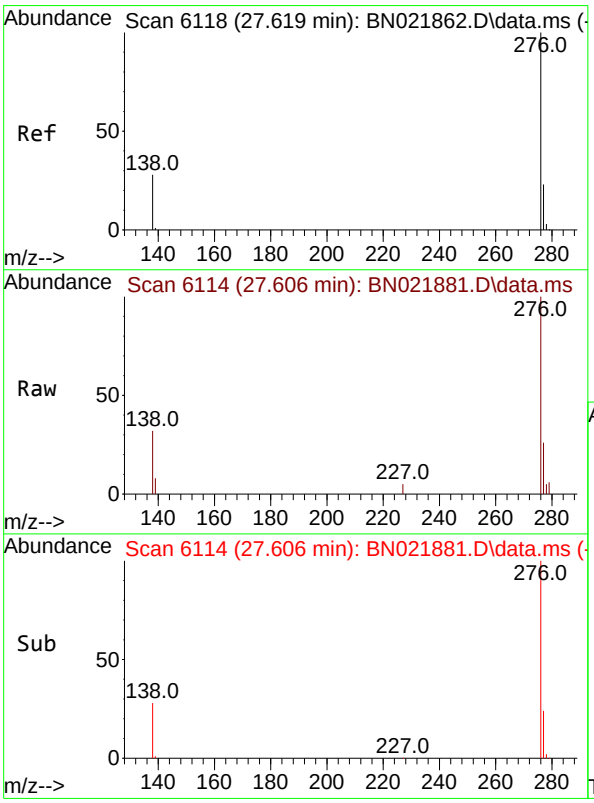
#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 26.821 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 12059

Ion	Ratio	Lower	Upper
278	100		
139	28.4	18.3	27.5#
279	28.9	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.606 min Scan# 6114
Delta R.T. -0.003 min
Lab File: BN021881.D
Acq: 23 Sep 2022 01:40

Tgt Ion:276 Resp: 12821

Ion	Ratio	Lower	Upper
276	100		
138	32.4	22.6	34.0
277	26.1	20.2	30.2