Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021869.D
Acq On : 22 Sep 2022 17:57
Operator : CG/JU
Sample : PB147812BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 02:10:46 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	8.051	152	4932	0.400	ng/ul		0.00
4) Naphthalene-d8	10.878	136	16254	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.707	164	8574	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.460	188	14700	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.650	240	8433	0.400	ng/ul	#	0.00
23) Perylene-d12	24.161	264	6257	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.363	96	3875	0.639	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.467	152	8540	0.332	ng/ul		0.00
18) Fluoranthene-d10	19.487	212	11343	0.362	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	10711	1.721	ng/ul	#	86
5) Naphthalene	10.927	128	15422	0.336	ng/ul		98
7) 2-Methylnaphthalene	12.544	142	9803	0.329	ng/ul		98
8) 1-Methylnaphthalene	12.758	142	10156	0.332	ng/ul		99
10) Acenaphthylene	14.430	152	12281	0.341	ng/ul		99
11) Acenaphthene	14.772	153	10177	0.334	ng/ul		99
12) Fluorene	15.758	166	10933	0.319	ng/ul		100
14) Pentachlorophenol	17.113	266	1231	0.432	ng/ul		99
15) Phenanthrene	17.502	178	15502	0.334	ng/ul		100
16) Anthracene	17.595	178	12403	0.322	ng/ul		99
19) Fluoranthene	19.520	202	14241	0.362	ng/ul		99
20) Pyrene	19.882	202	14036	0.361	ng/ul		96
21) Benzo(a)anthracene	21.635	228	10229	0.362	ng/ul		98
22) Chrysene	21.688	228	11535	0.374	ng/ul		99
24) Benzo(b)fluoranthene	23.386	252	10899	0.359	ng/ul		89
25) Benzo(k)fluoranthene	23.436	252	9979	0.339	ng/ul	#	90
26) Benzo(a)pyrene	24.047	252	9490	0.413	ng/ul	#	88
27) Indeno(1,2,3-cd)pyrene	26.804	276	10511	0.406	ng/ul	#	97
28) Dibenzo(a,h)anthracene	26.831	278	8349	0.380	ng/ul		97
29) Benzo(g,h,i)perylene	27.622	276	9509	0.399	ng/ul		96

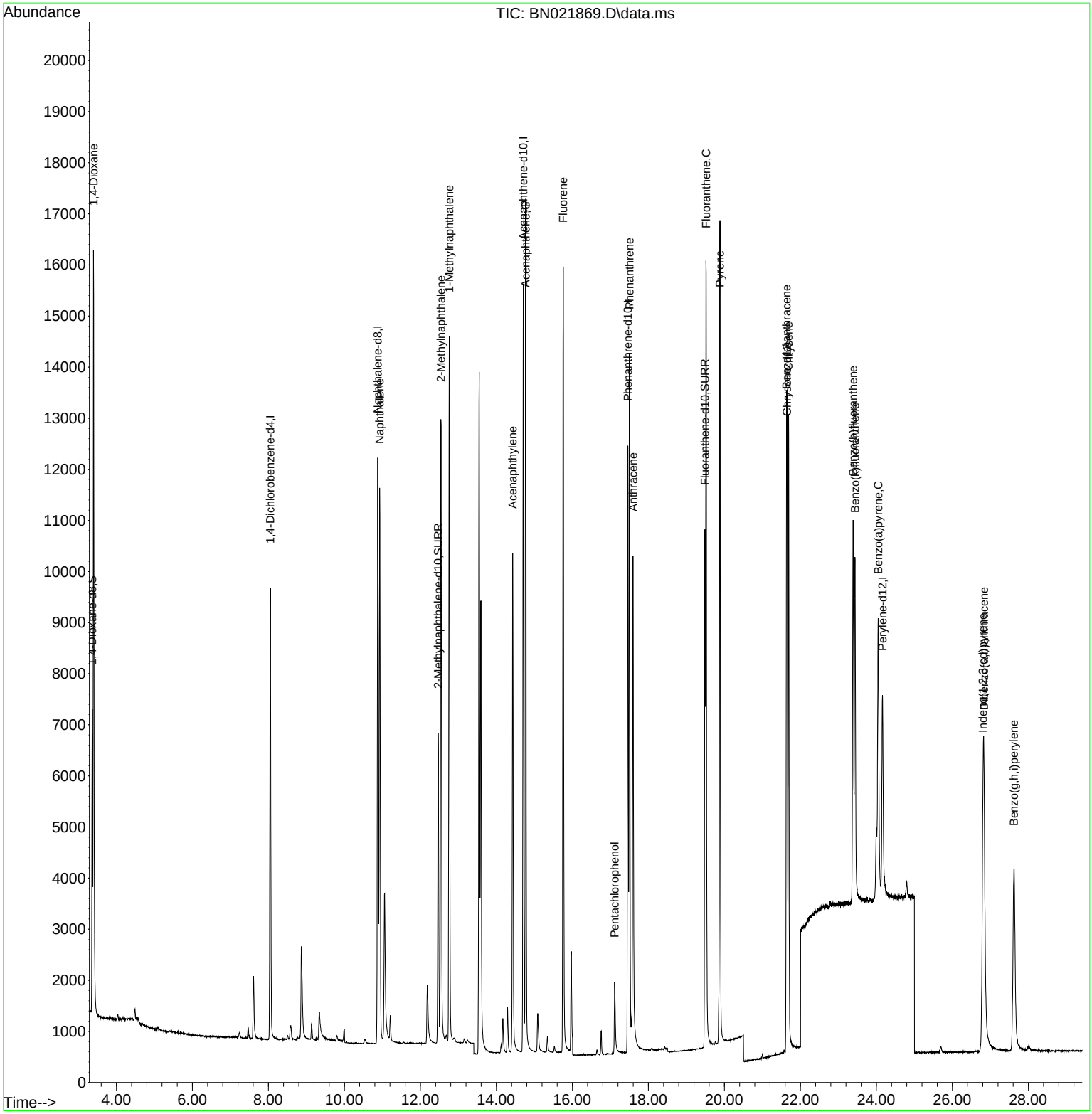
(#) = qualifier out of range (m) = manual integration (+) = signals summed

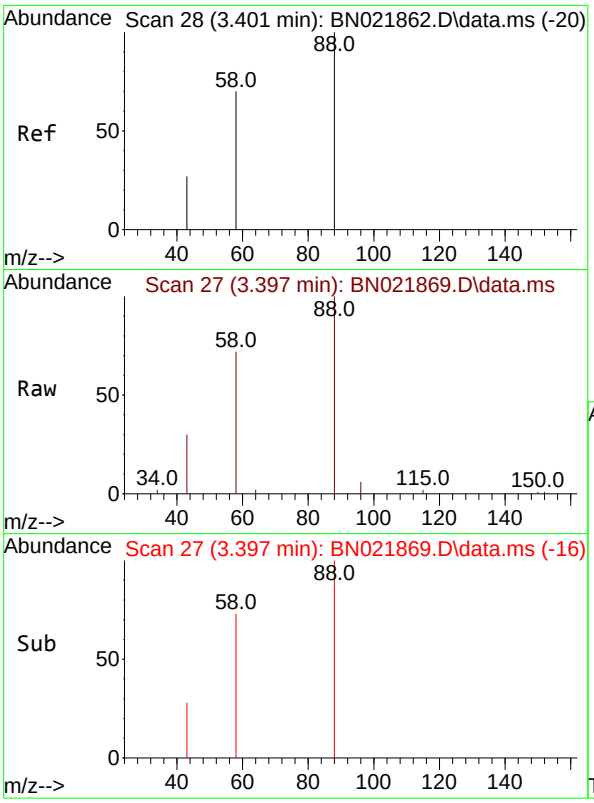
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021869.D
Acq On : 22 Sep 2022 17:57
Operator : CG/JU
Sample : PB147812BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 02:10:46 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



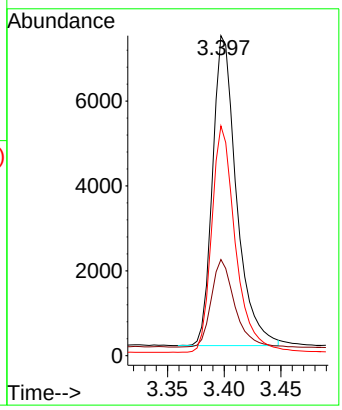


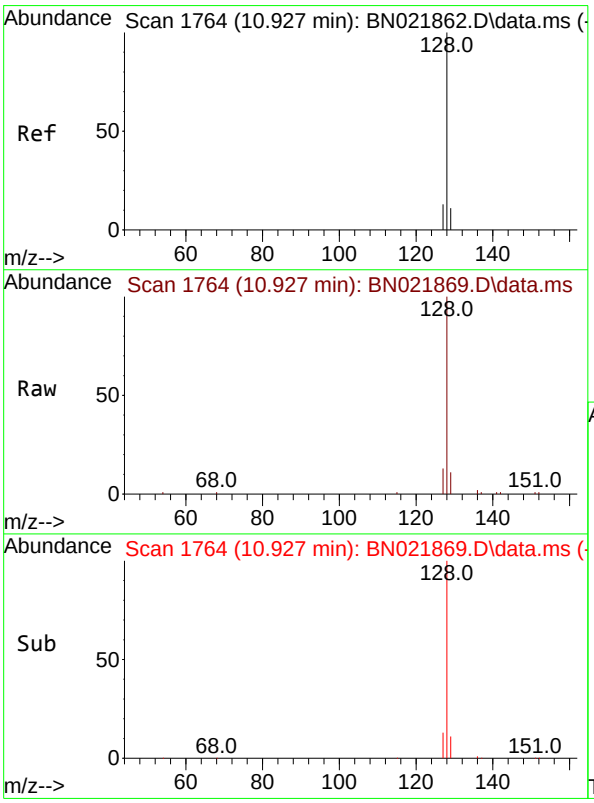
#2
1,4-Dioxane
Concen: 1.721 ng/ul
RT: 3.397 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 10711

Ion	Ratio	Lower	Upper
88	100		
43	30.0	31.4	47.0#
58	71.8	49.0	73.6

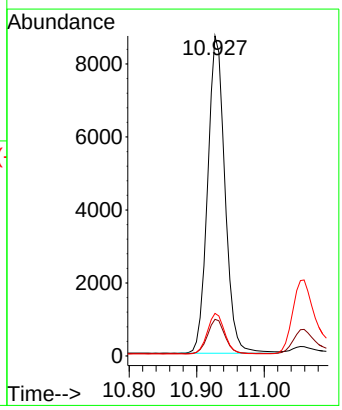


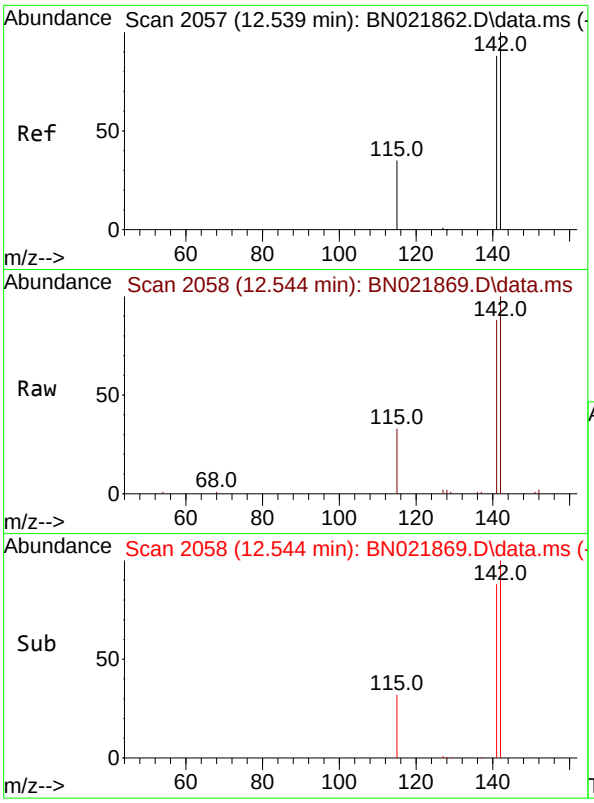


#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:128 Resp: 15422

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.3	11.6	17.4



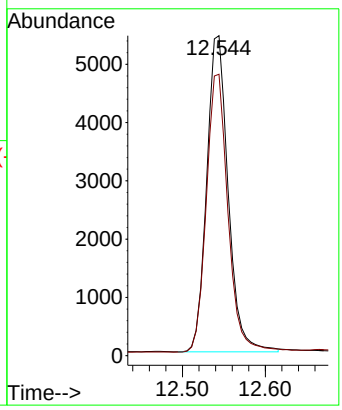


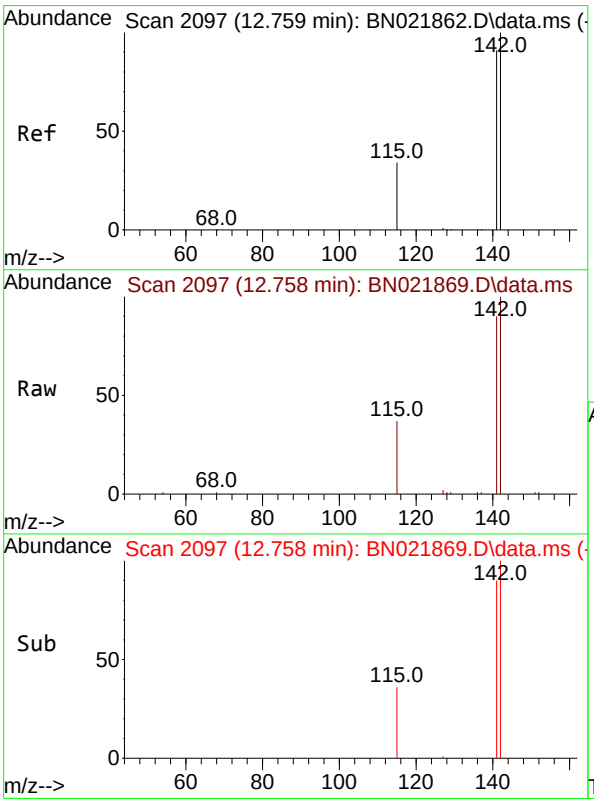
#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 9803

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.2

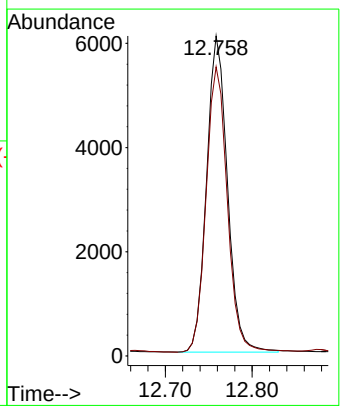


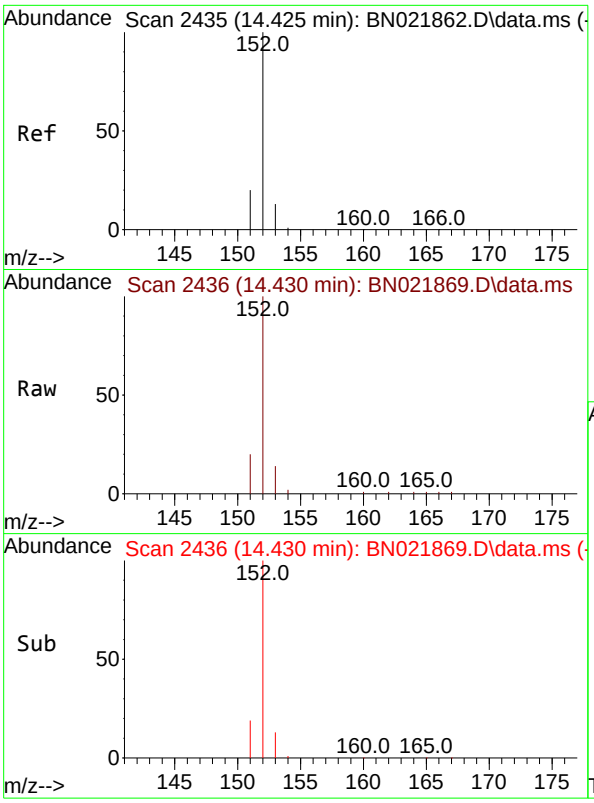


#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:142 Resp: 10156

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9



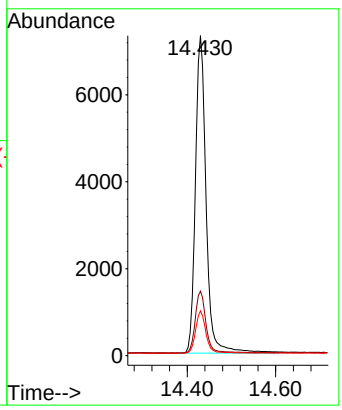


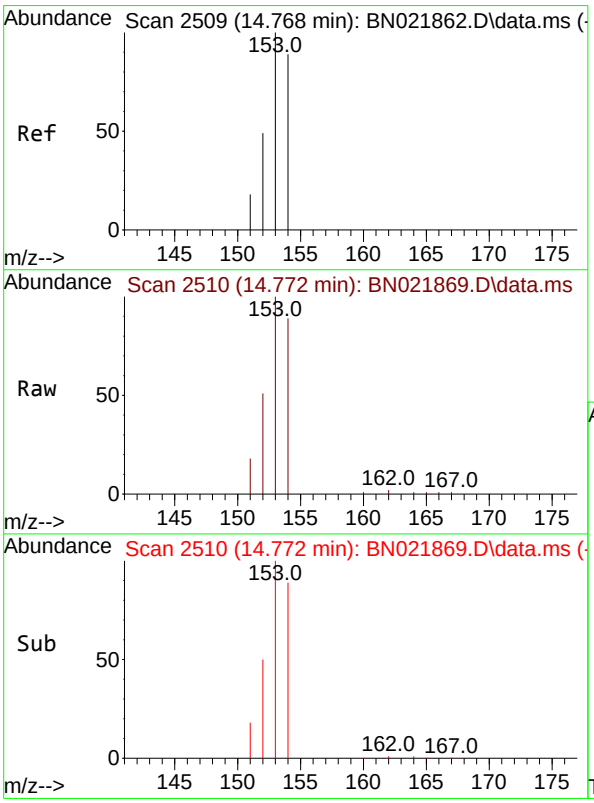
#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.430 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12281

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	14.0	11.2	16.8

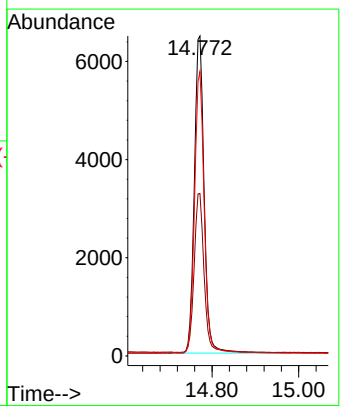


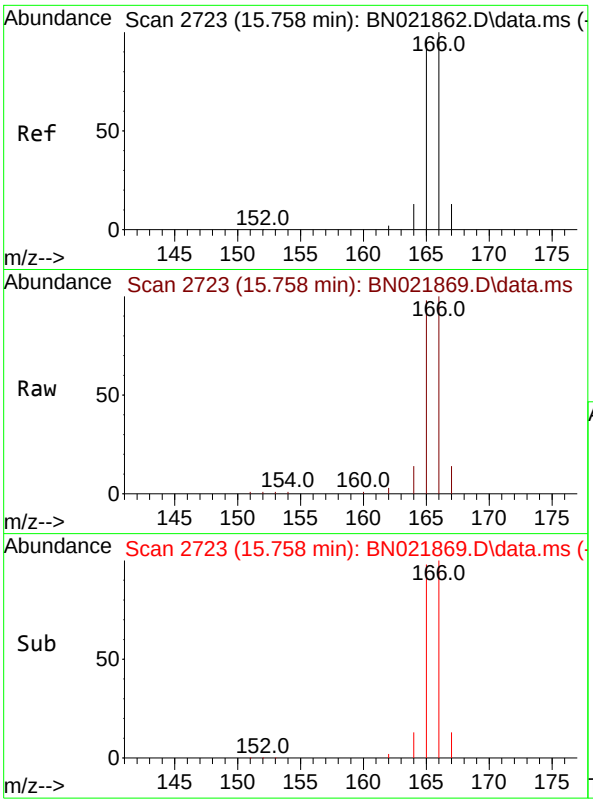


#11
Acenaphthene
Concen: 0.334 ng/ul
RT: 14.772 min Scan# 2510
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:153 Resp: 10177

Ion	Ratio	Lower	Upper
153	100		
152	50.8	40.2	60.4
154	88.9	70.7	106.1



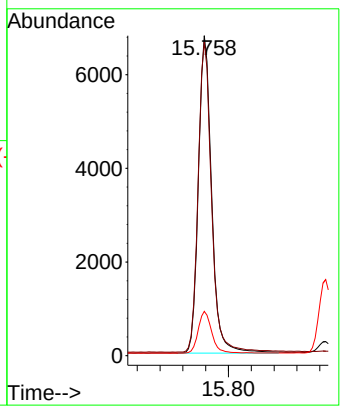


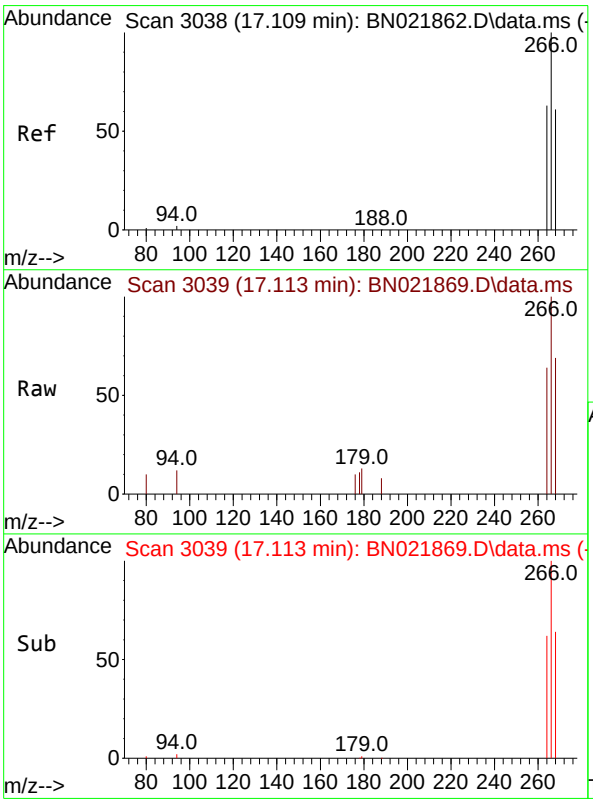
#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.758 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 10933

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.9	11.8	17.6

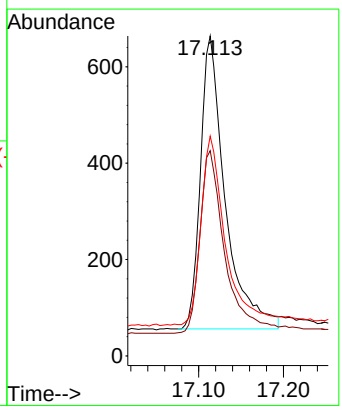


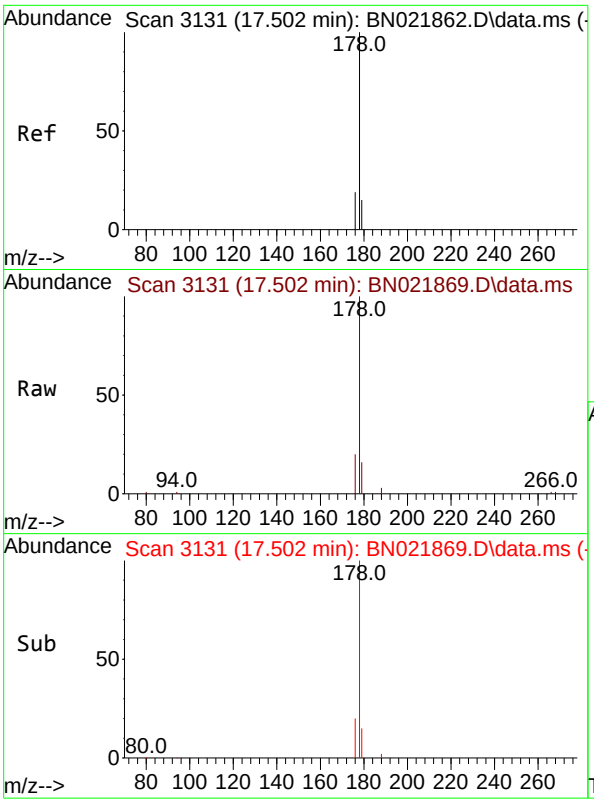


#14
Pentachlorophenol
Concen: 0.432 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:266 Resp: 1231

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.8
268	64.0	50.6	75.8



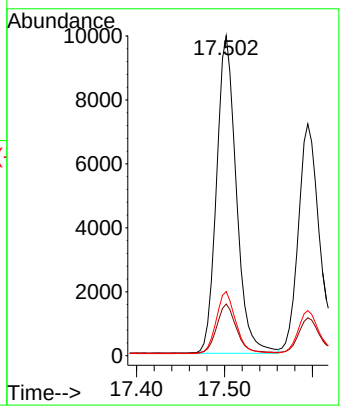


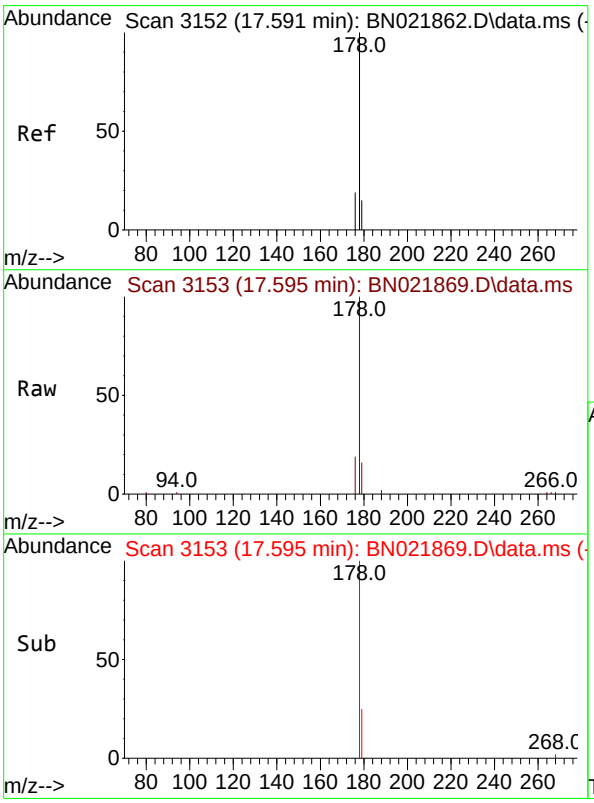
#15
Phenanthrene
Concen: 0.334 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15502

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	20.1	15.9	23.9

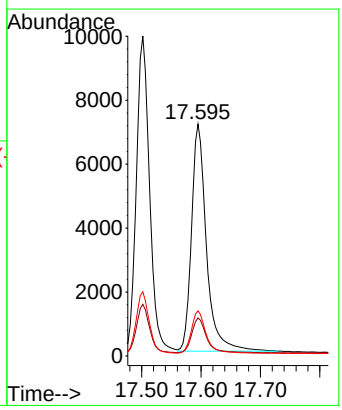


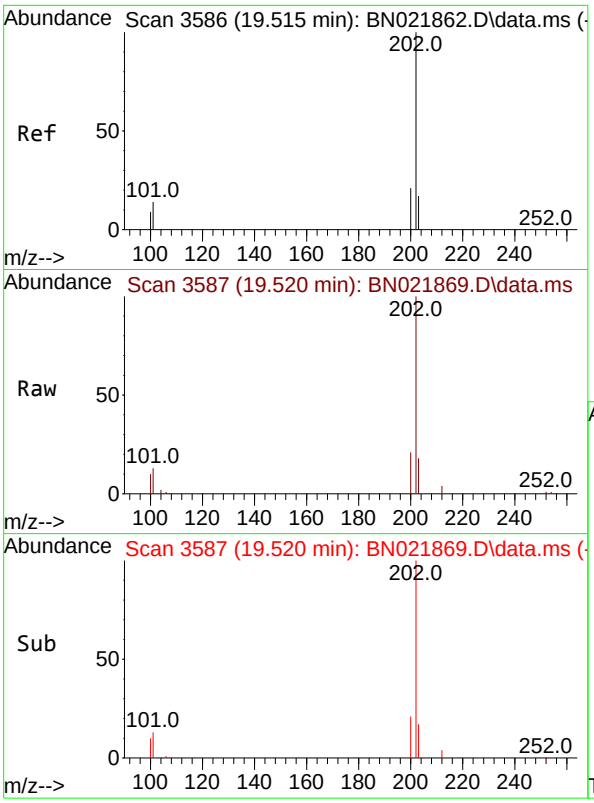


#16
Anthracene
Concen: 0.322 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:178 Resp: 12403

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.5	15.9	23.9



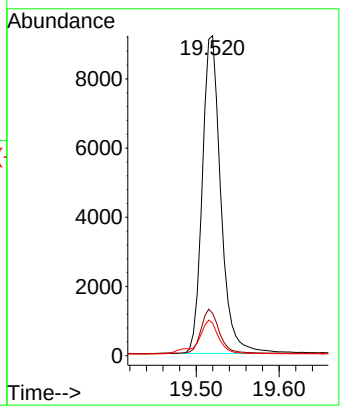


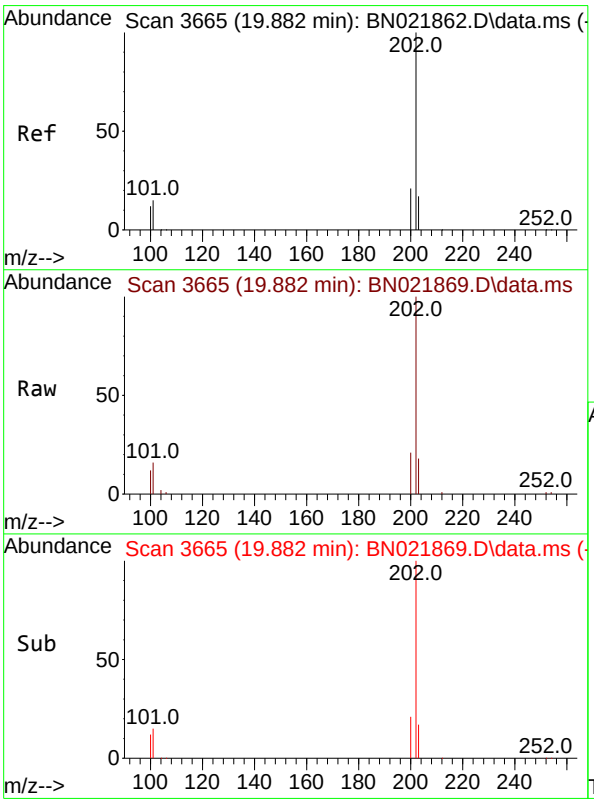
#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 14241

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.0	15.0
100	10.2	8.0	12.0

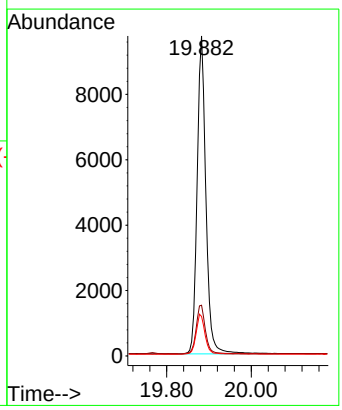


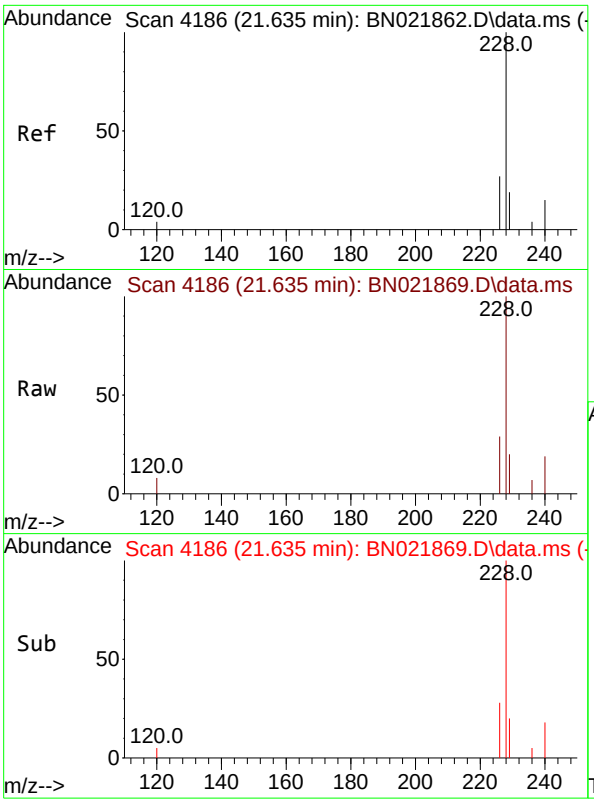


#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:202 Resp: 14036

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.3	16.9
100	12.4	9.0	13.4



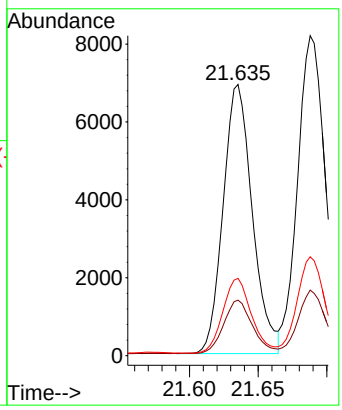


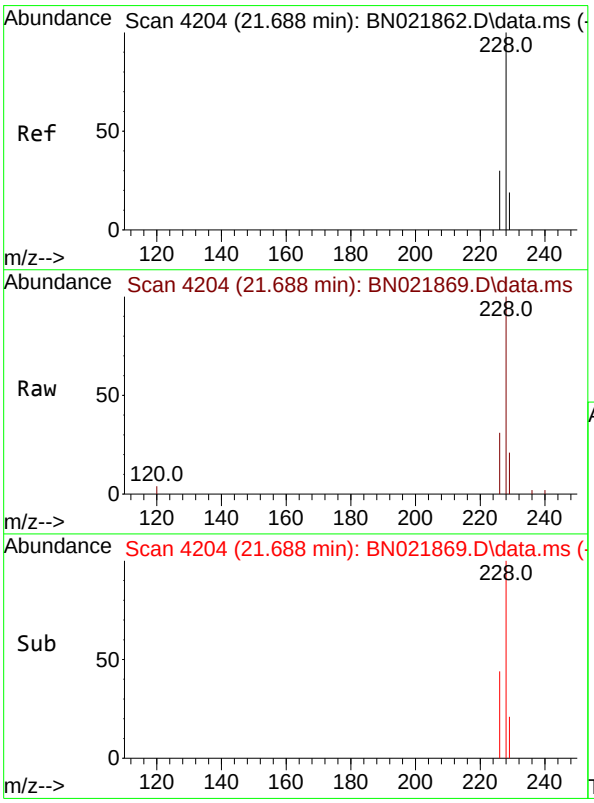
#21
Benzo(a)anthracene
Concen: 0.362 ng/ul
RT: 21.635 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10229

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.0	24.0
226	28.5	21.9	32.9

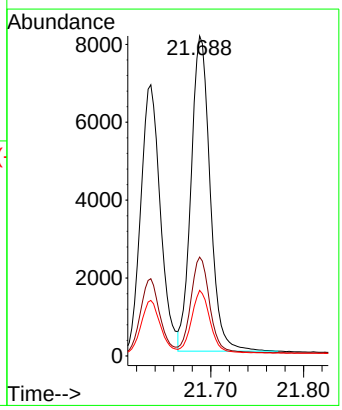


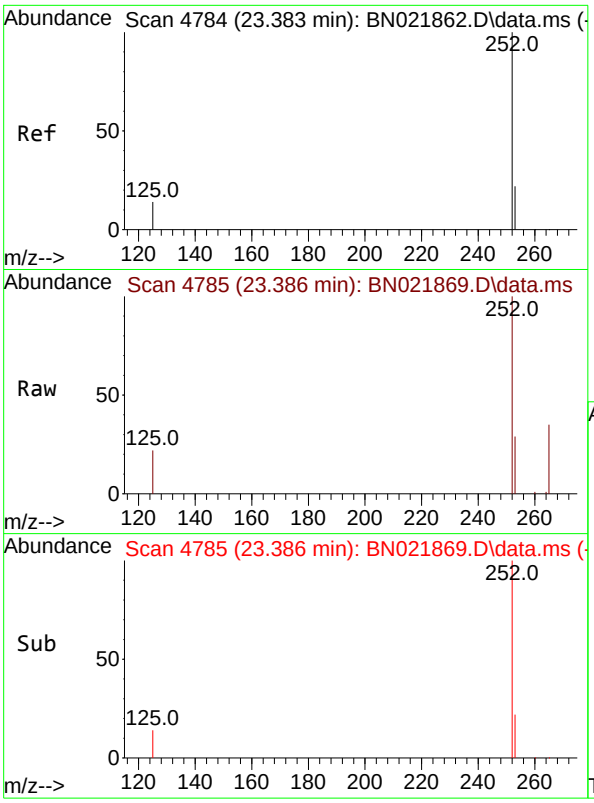


#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:228 Resp: 11535

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	20.5	15.8	23.8



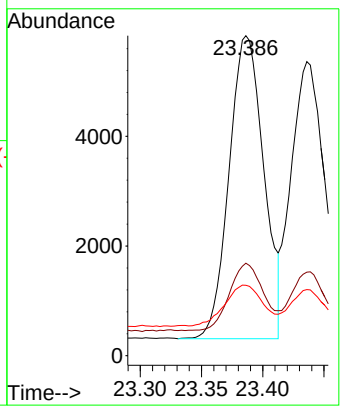


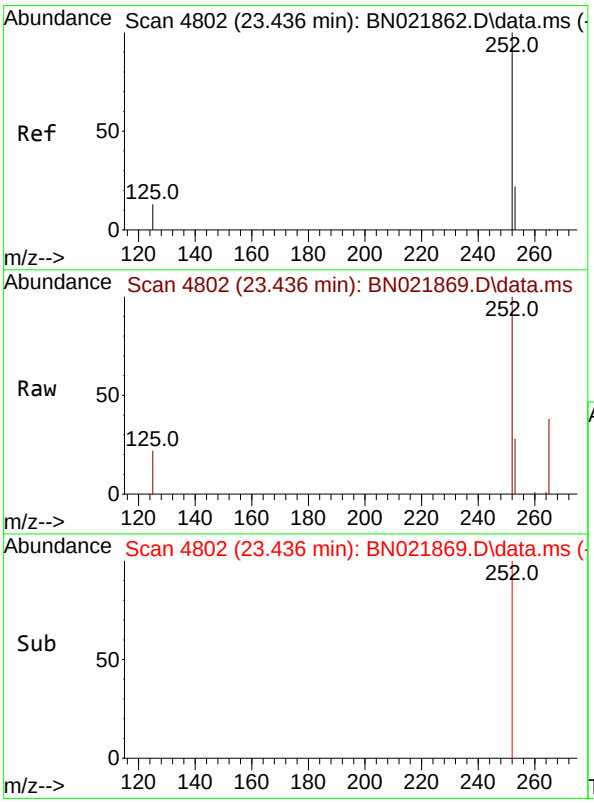
#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.386 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10899

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	50.8
125	22.0	0.0	30.0

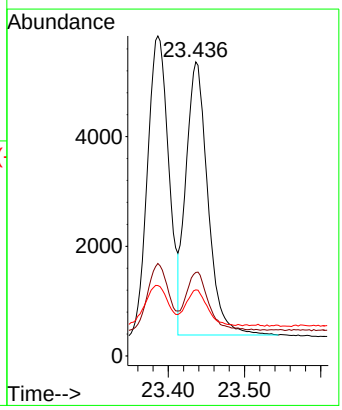


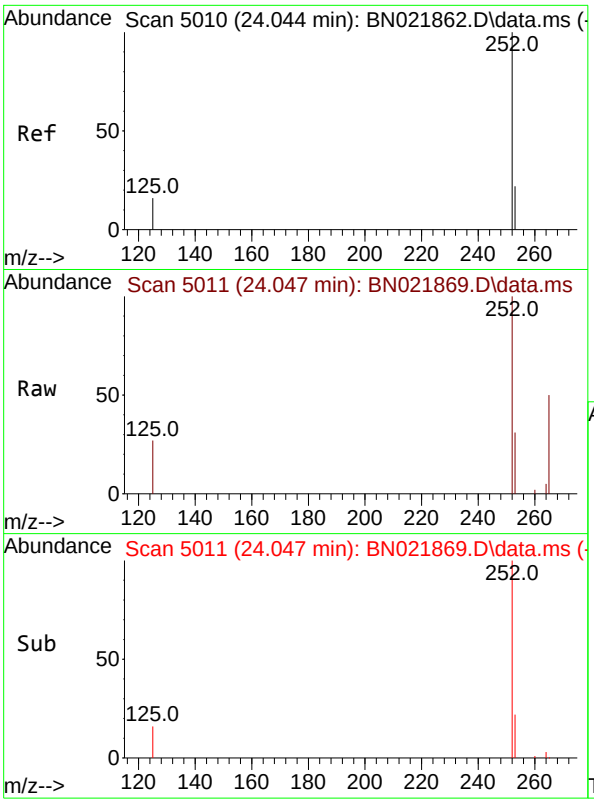


#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:252 Resp: 9979

Ion	Ratio	Lower	Upper
252	100		
253	28.4	20.6	31.0
125	22.5	11.8	17.6#



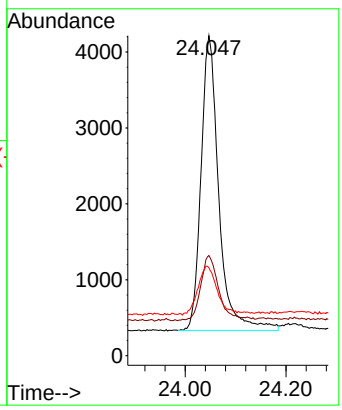


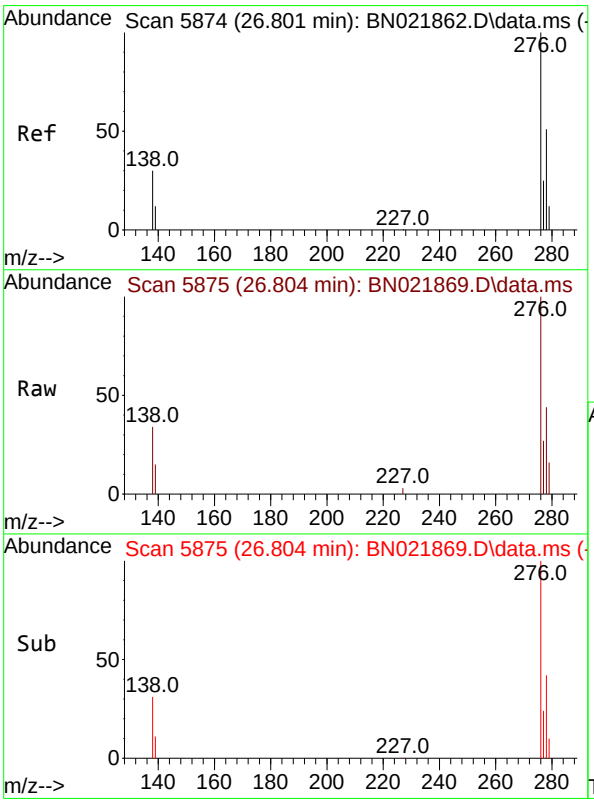
#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 24.047 min Scan# 5
Delta R.T. 0.006 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9490

Ion	Ratio	Lower	Upper
252	100		
253	31.3	22.1	33.1
125	27.4	14.7	22.1#

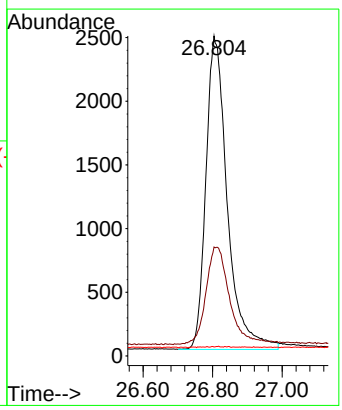


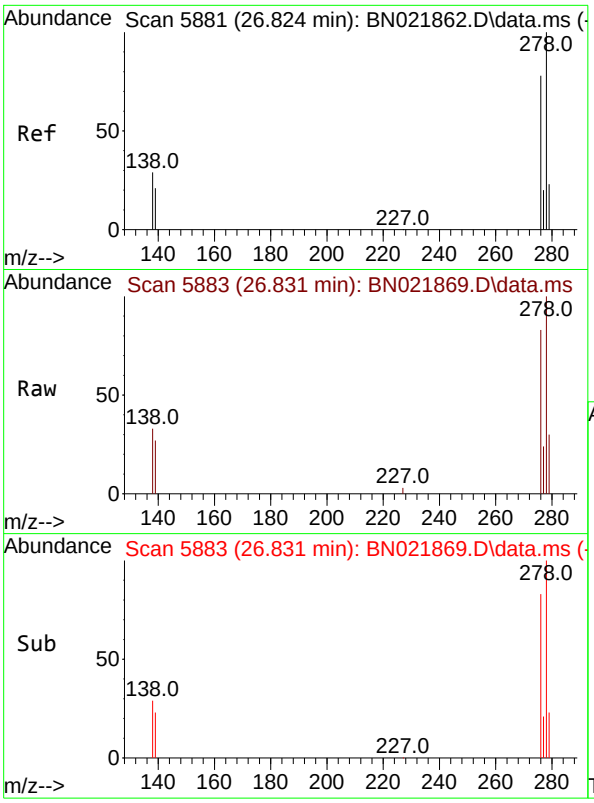


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.804 min Scan# 5875
Delta R.T. 0.013 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:276 Resp: 10511

Ion	Ratio	Lower	Upper
276	100		
138	34.1	26.1	39.1
227	0.0	0.1	0.1#



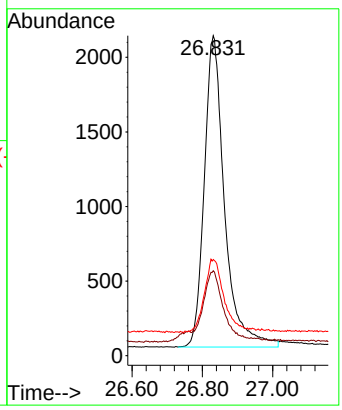


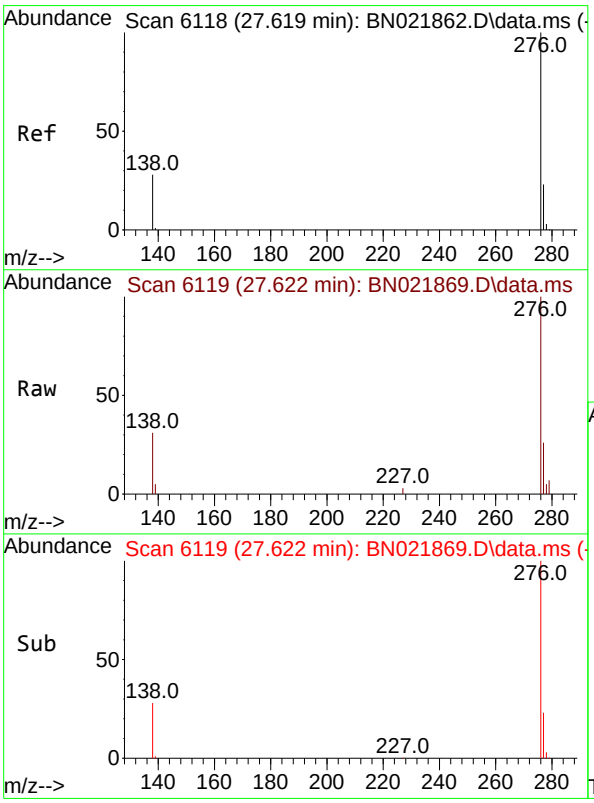
#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 26.831 min Scan# 5
Delta R.T. 0.013 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8349

Ion	Ratio	Lower	Upper
278	100		
139	26.6	18.3	27.5
279	30.1	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.622 min Scan# 6119
Delta R.T. 0.013 min
Lab File: BN021869.D
Acq: 22 Sep 2022 17:57

Tgt Ion:276 Resp: 9509

Ion	Ratio	Lower	Upper
276	100		
138	31.3	22.6	34.0
277	25.8	20.2	30.2