Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
Data File : BN021097.D
Acq On : 09 Aug 2022 22:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 09 23:14:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2717	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	9241	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.443	164	5289	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	10149	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	8012	0.400	ng/ul	0.00
23) Perylene-d12	23.724	264	6227	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	1284	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	5554	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.231	212	10673	0.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	1411	0.394	ng/ul	93
5) Naphthalene	10.635	128	9823	0.346	ng/ul	98
7) 2-Methylnaphthalene	12.263	142	6120	0.355	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	6694	0.389	ng/ul	99
10) Acenaphthylene	14.161	152	8747	0.354	ng/ul	99
11) Acenaphthene	14.503	153	6944	0.339	ng/ul	98
12) Fluorene	15.498	166	7613	0.341	ng/ul	99
14) Pentachlorophenol	16.859	266	611	0.390	ng/ul	97
15) Phenanthrene	17.235	178	11820	0.326	ng/ul	99
16) Anthracene	17.328	178	9957	0.354	ng/ul	99
19) Fluoranthene	19.259	202	12698	0.358	ng/ul	99
20) Pyrene	19.621	202	13147	0.359	ng/ul	97
21) Benzo(a)anthracene	21.380	228	9264	0.354	ng/ul	100
22) Chrysene	21.430	228	10788	0.313	ng/ul	99
24) Benzo(b)fluoranthene	23.017	252	9257	0.321	ng/ul	99
25) Benzo(k)fluoranthene	23.064	252	9720	0.320	ng/ul	99
26) Benzo(a)pyrene	23.622	252	8579	0.326	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.135	276	8578	0.273	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.152	278	6778	0.273	ng/ul	98
29) Benzo(g,h,i)perylene	26.870	276	7725	0.276	ng/ul	100

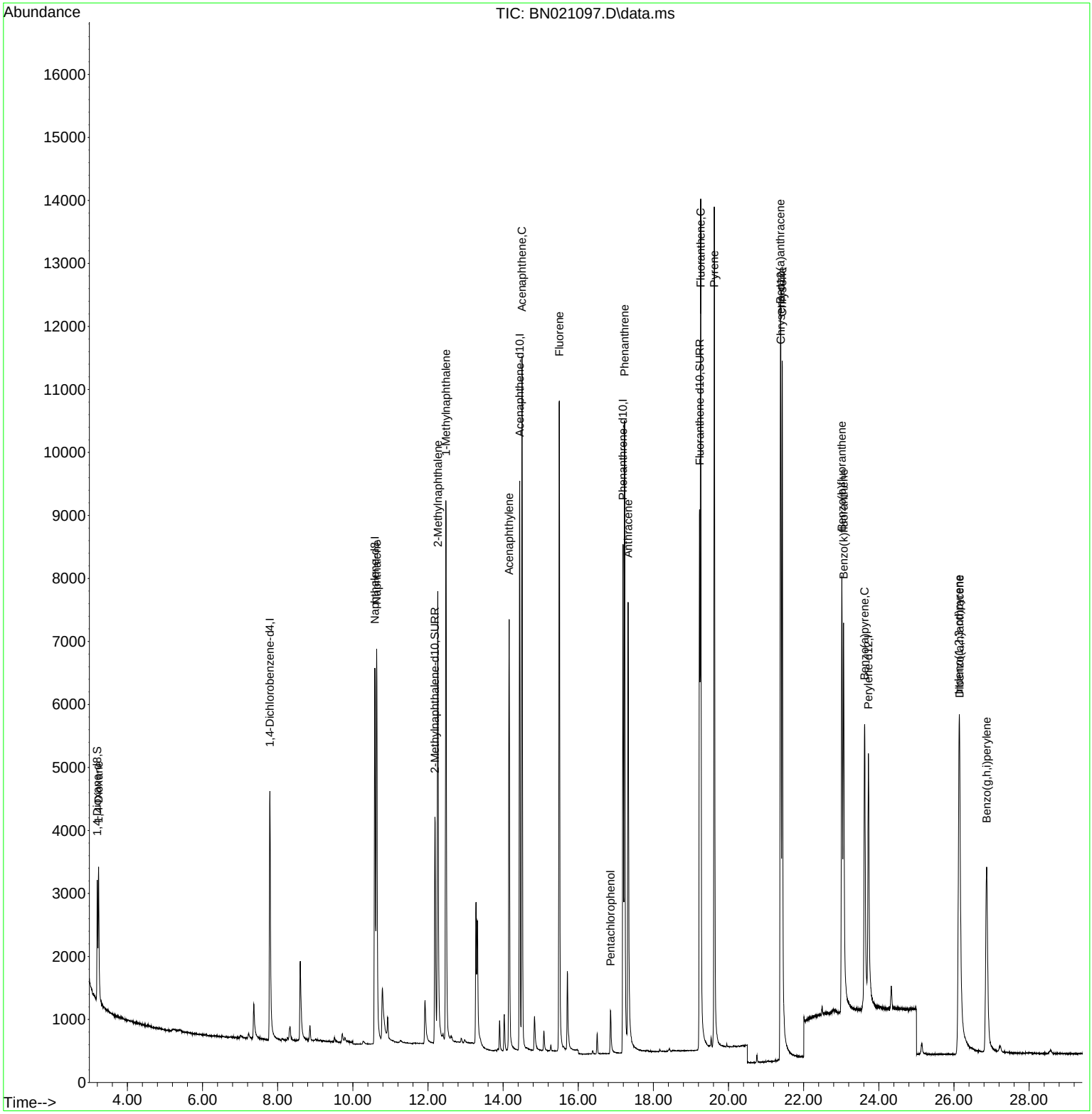
(#) = qualifier out of range (m) = manual integration (+) = signals summed

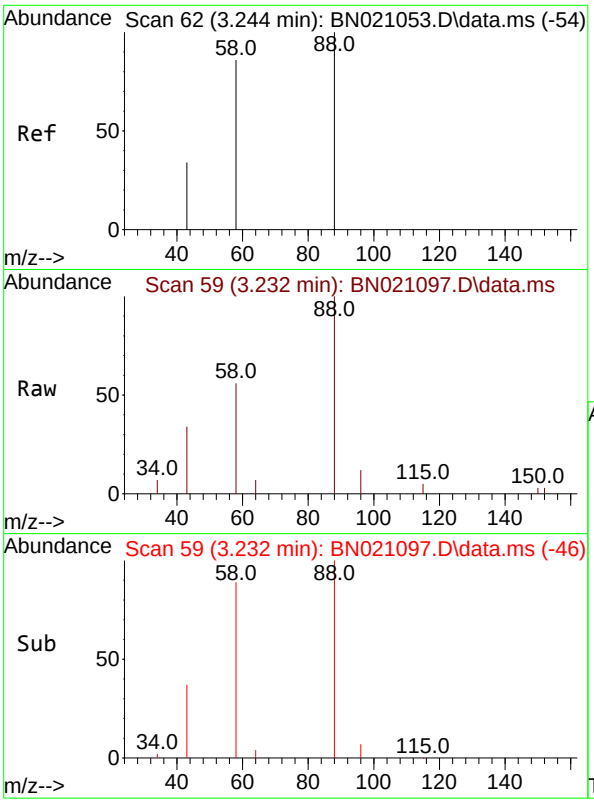
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080922\
Data File : BN021097.D
Acq On : 09 Aug 2022 22:32
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 09 23:14:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 09 23:10:06 2022
Response via : Initial Calibration



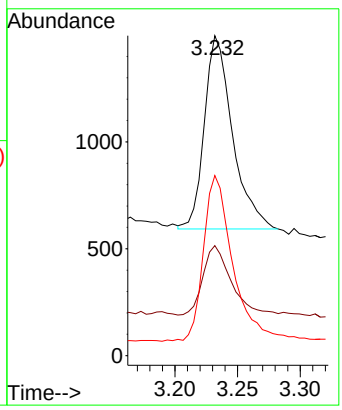


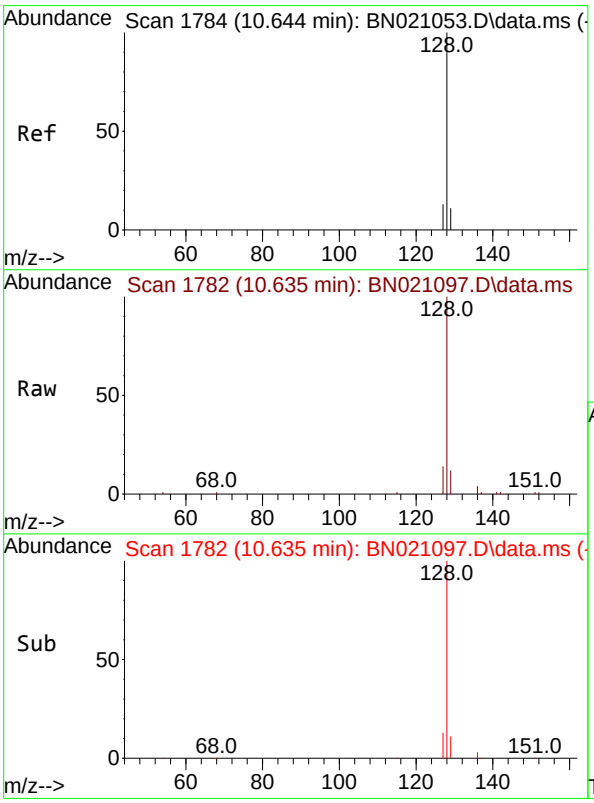
#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.232 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1411

Ion	Ratio	Lower	Upper
88	100		
43	34.4	31.4	47.0
58	56.3	49.0	73.6

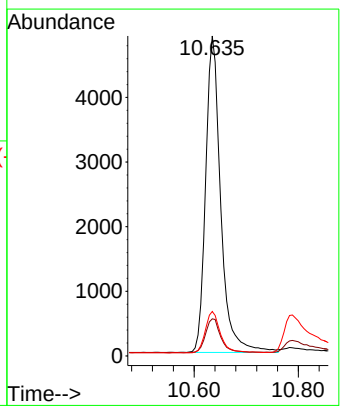


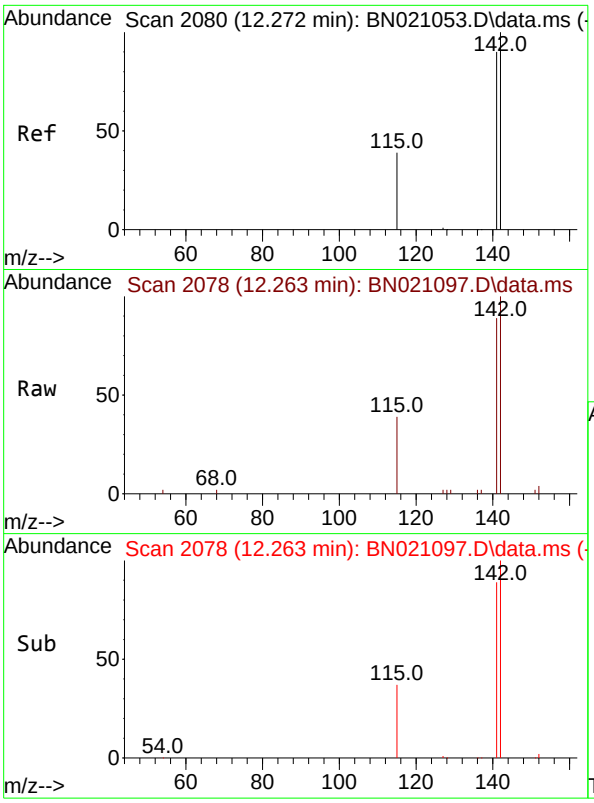


#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:128 Resp: 9823

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	13.9	11.6	17.4



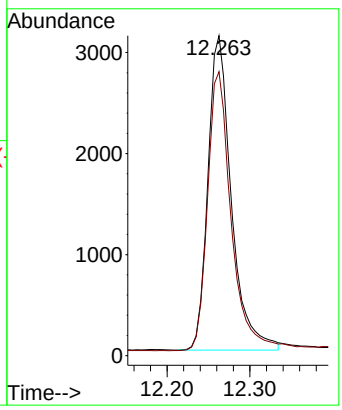


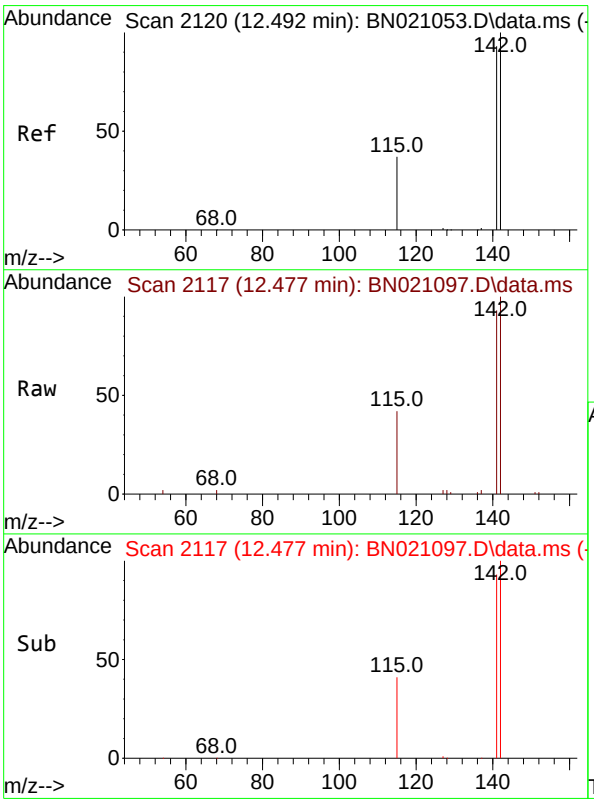
#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.263 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6120

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.2	108.2

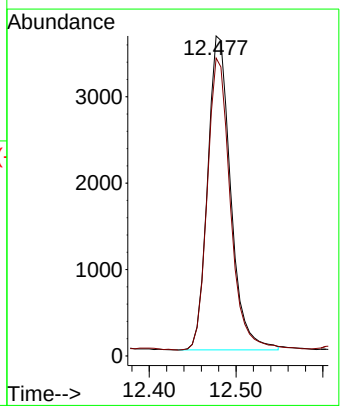


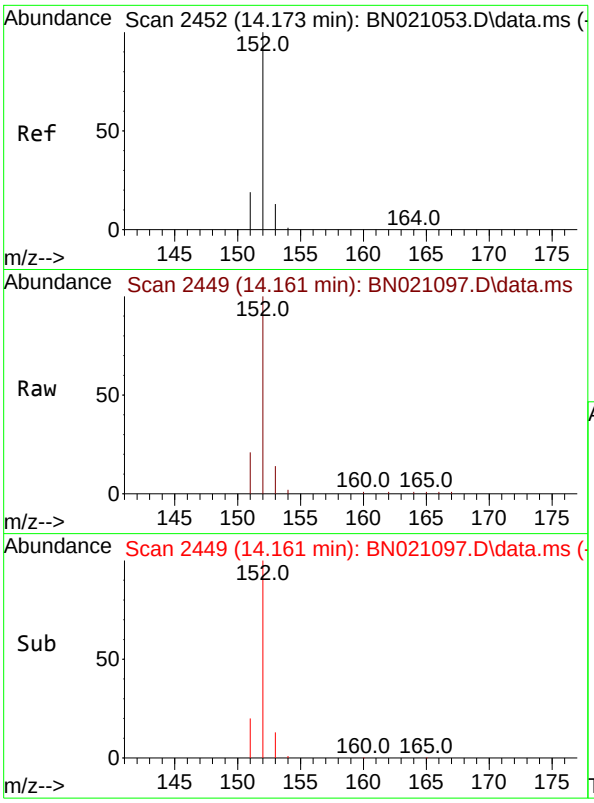


#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:142 Resp: 6694

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.9	110.9



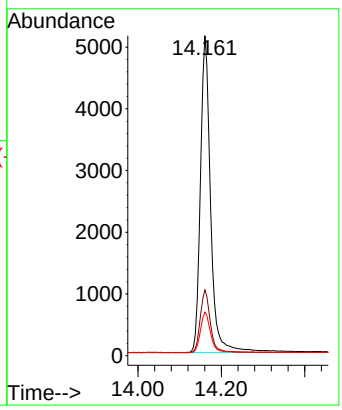


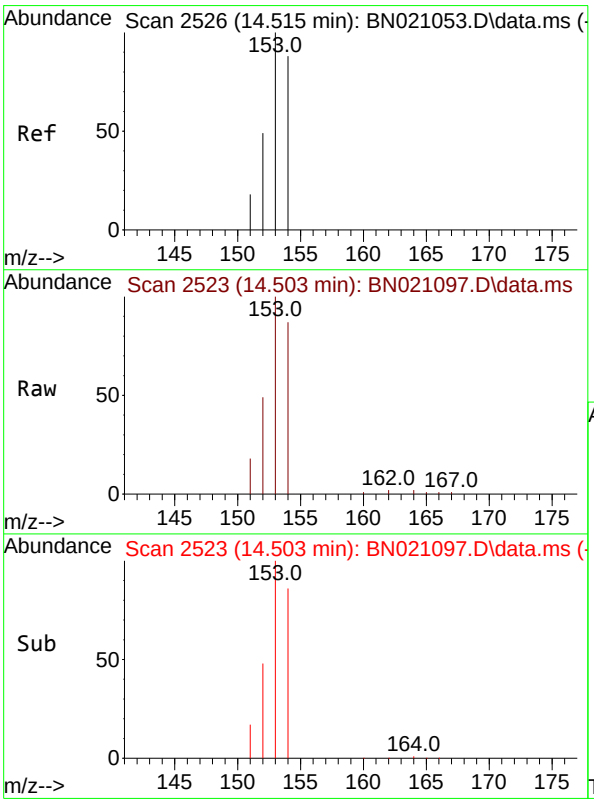
#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.161 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8747

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.6	11.2	16.8

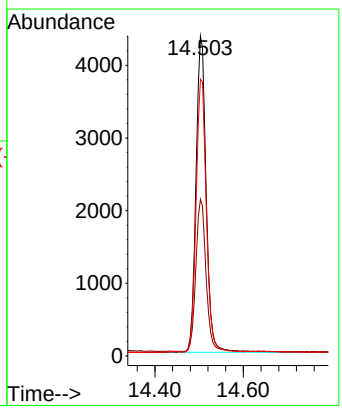


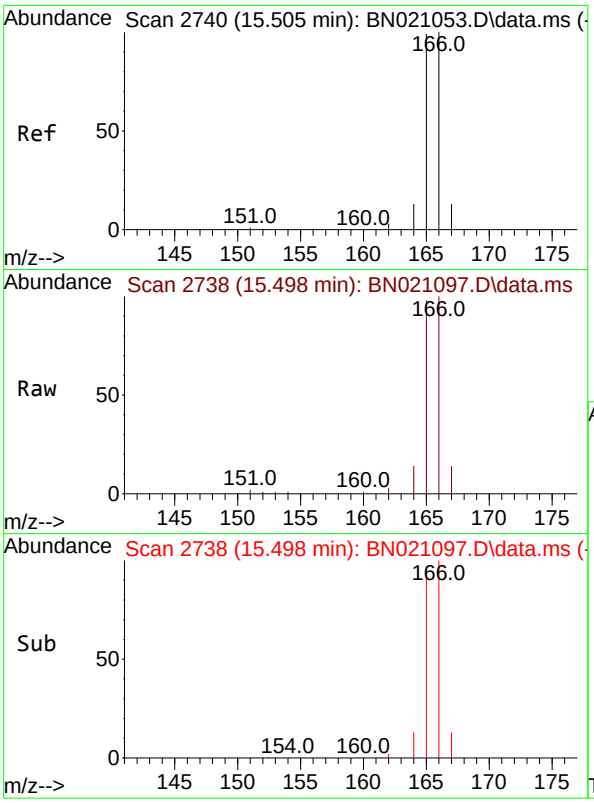


#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:153 Resp: 6944

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.2	60.4
154	86.5	70.7	106.1



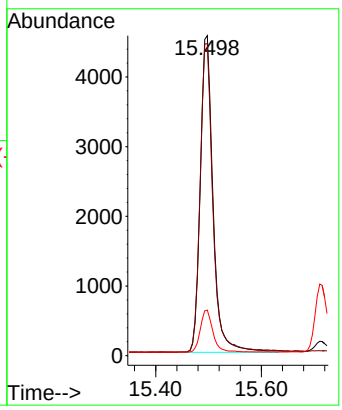


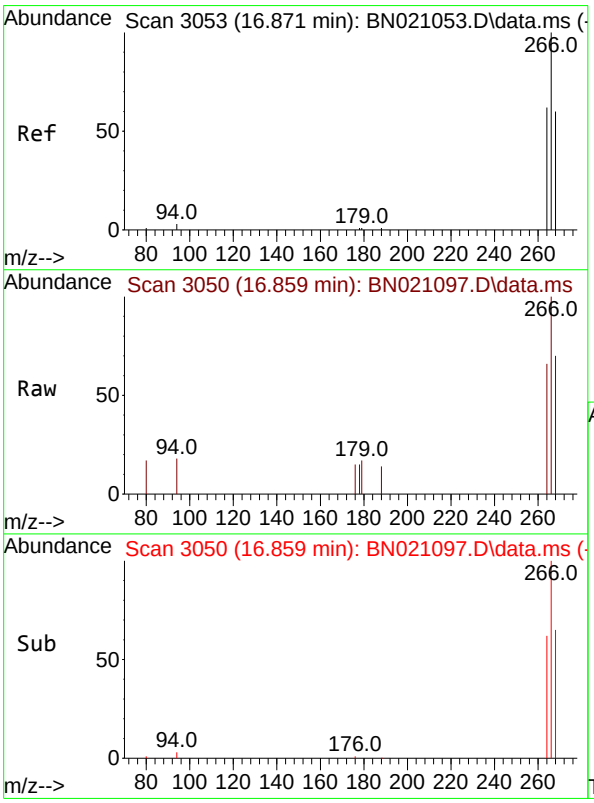
#12
Fluorene
Concen: 0.341 ng/ul
RT: 15.498 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 7613

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	14.2	11.8	17.6

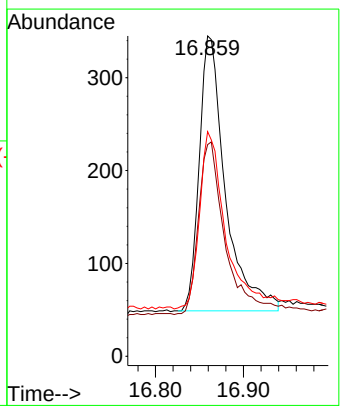


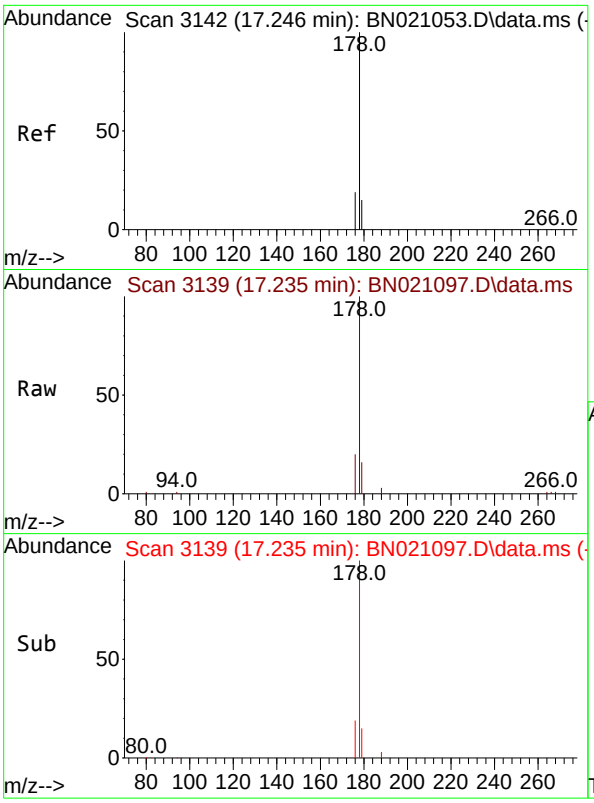


#14
Pentachlorophenol
Concen: 0.390 ng/ul
RT: 16.859 min Scan# 3050
Delta R.T. 0.005 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:266 Resp: 611

Ion	Ratio	Lower	Upper
266	100		
264	64.3	49.8	74.8
268	65.3	50.6	75.8





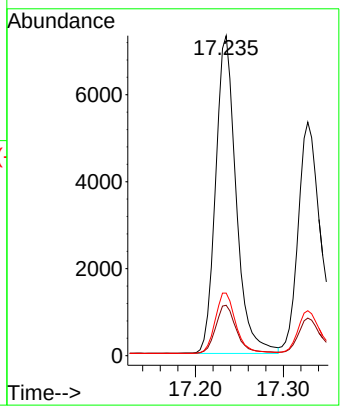
#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.235 min Scan# 3

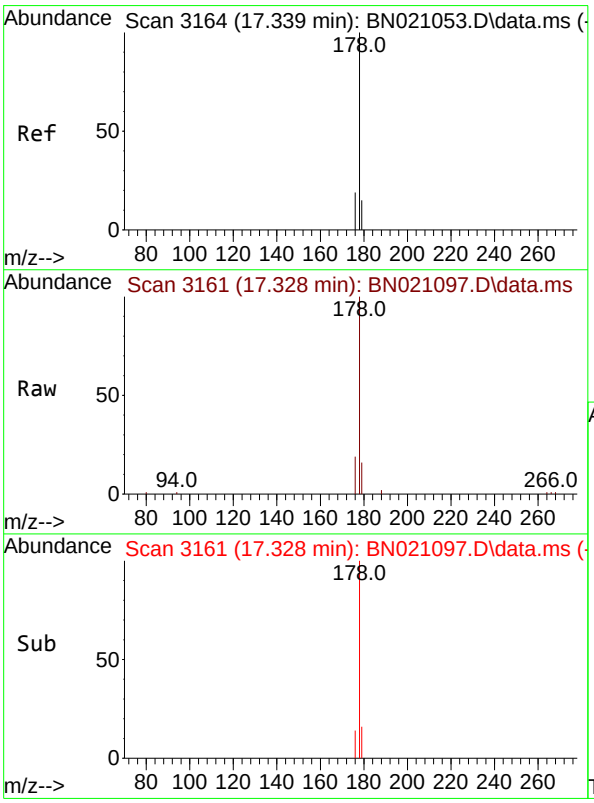
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.005 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:178 Resp: 11820

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.5	15.9	23.9

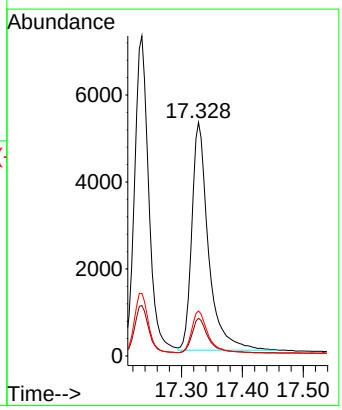


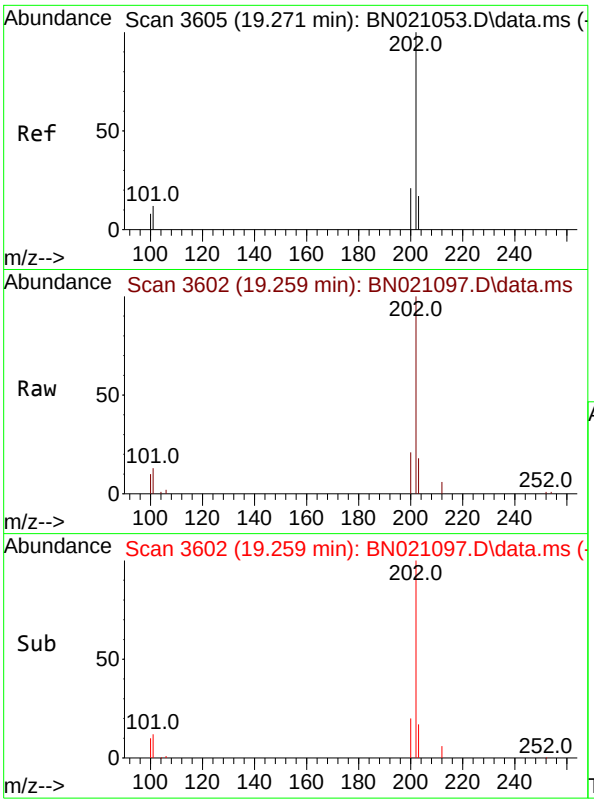


#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:178 Resp: 9957

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.3	15.9	23.9



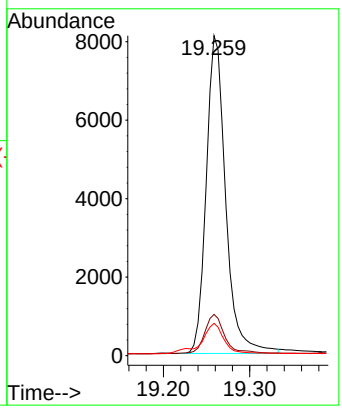


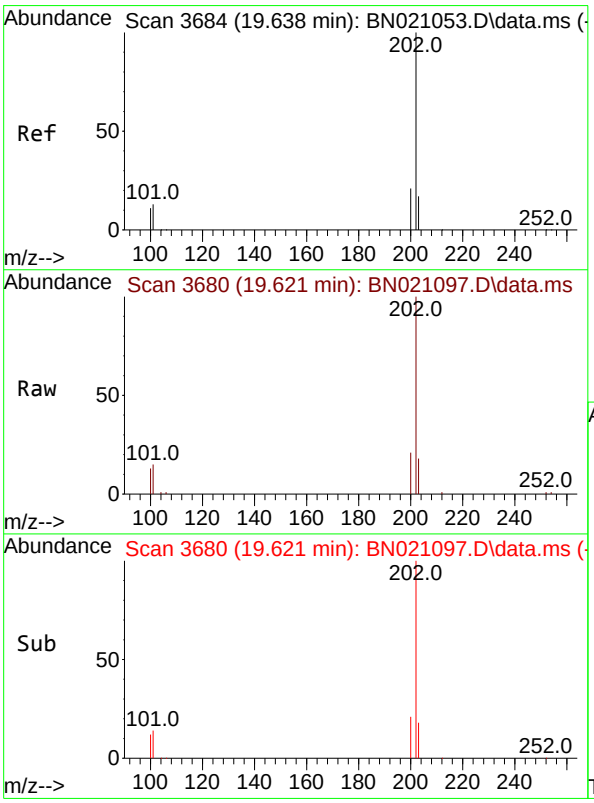
#19
Fluoranthene
Concen: 0.358 ng/ul
RT: 19.259 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 12698

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	10.1	8.0	12.0

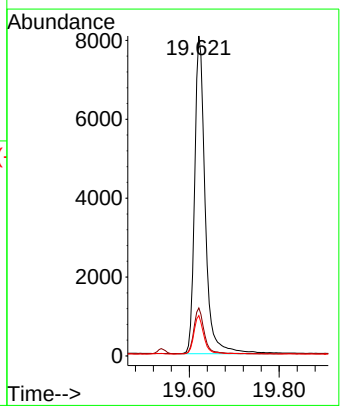


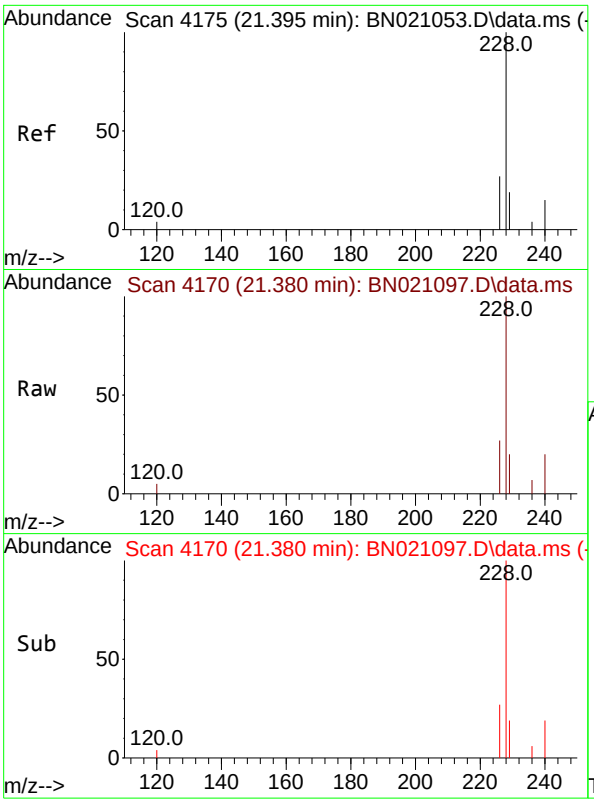


#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.004 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:202 Resp: 13147

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	12.6	9.0	13.4



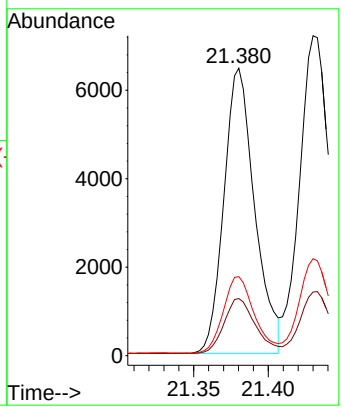


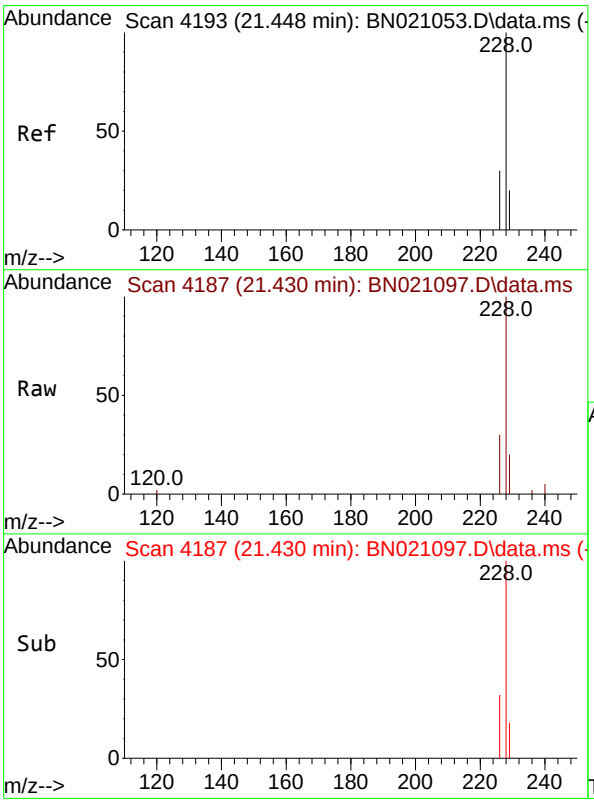
#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.380 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 9264

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.0	24.0
226	27.5	21.9	32.9

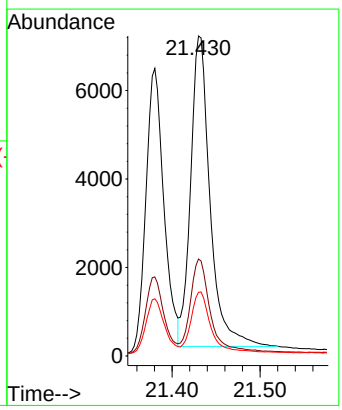


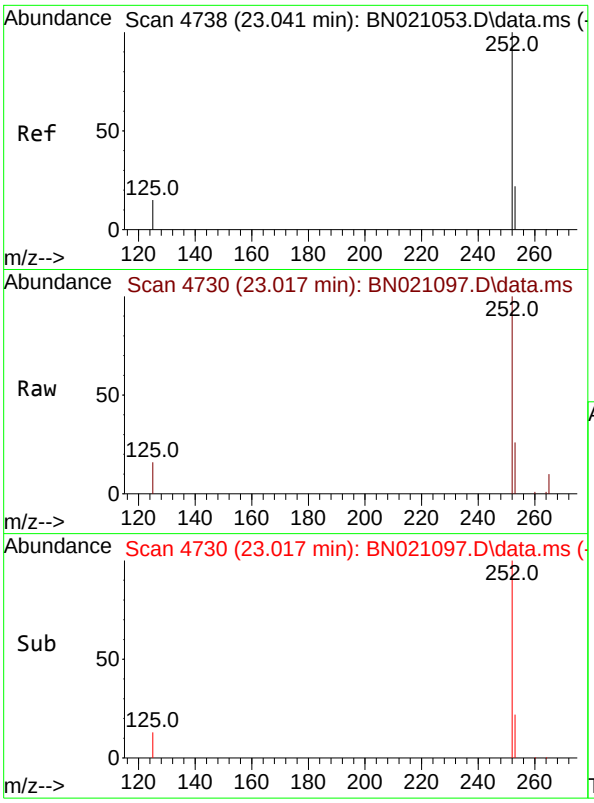


#22
Chrysene
Concen: 0.313 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:228 Resp: 10788

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.9	15.8	23.8



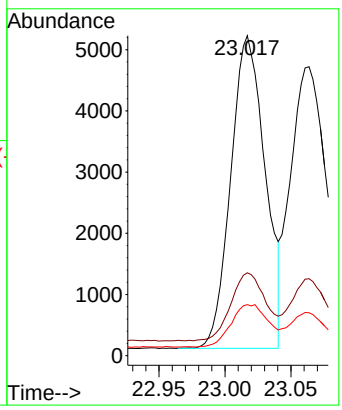


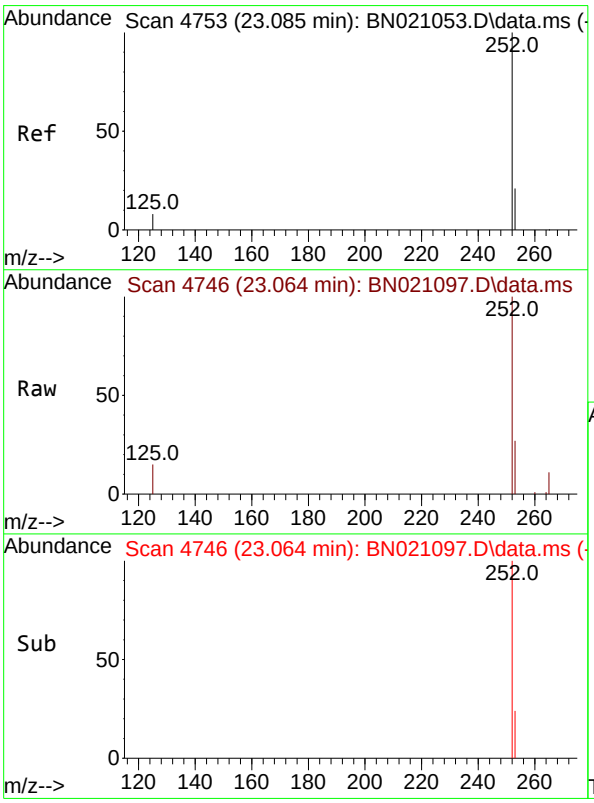
#24
Benzo(b)fluoranthene
Concen: 0.321 ng/ul
RT: 23.017 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9257

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	50.8
125	15.9	0.0	30.0

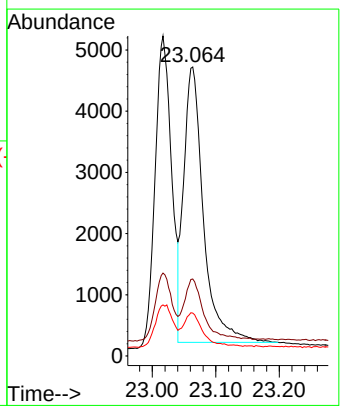


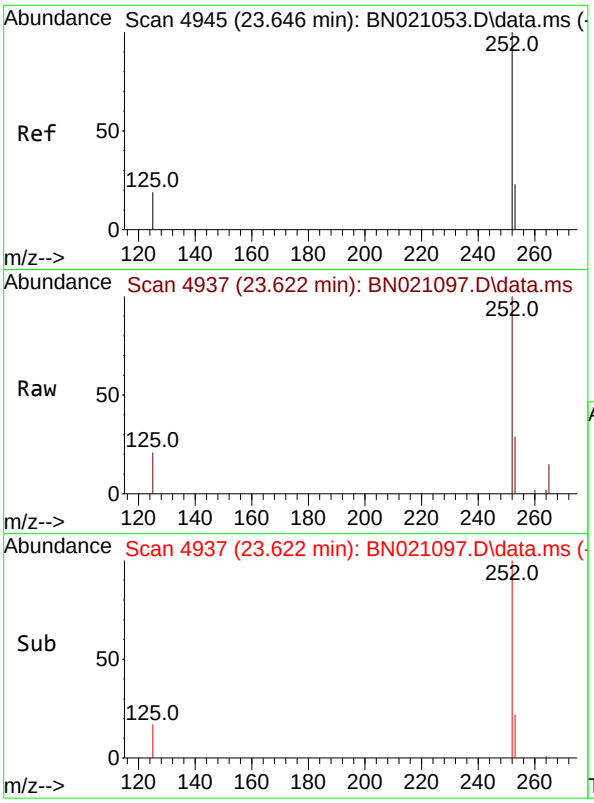


#25
Benzo(k)fluoranthene
Concen: 0.320 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:252 Resp: 9720

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.6	31.0
125	14.8	11.8	17.6



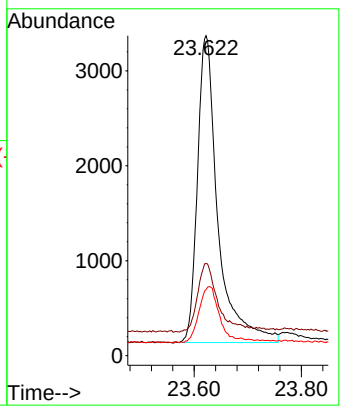


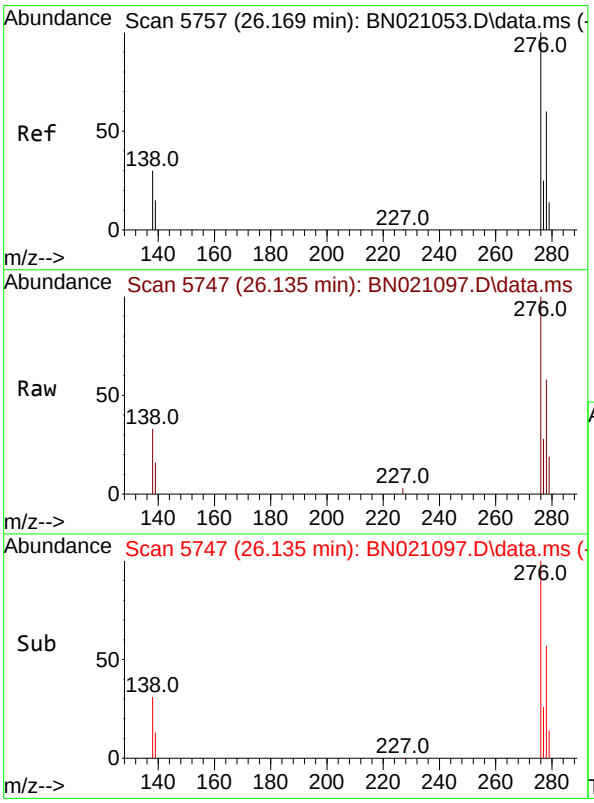
#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.622 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8579

Ion	Ratio	Lower	Upper
252	100		
253	28.8	22.1	33.1
125	20.7	14.7	22.1

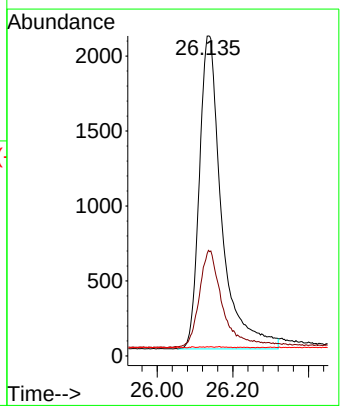


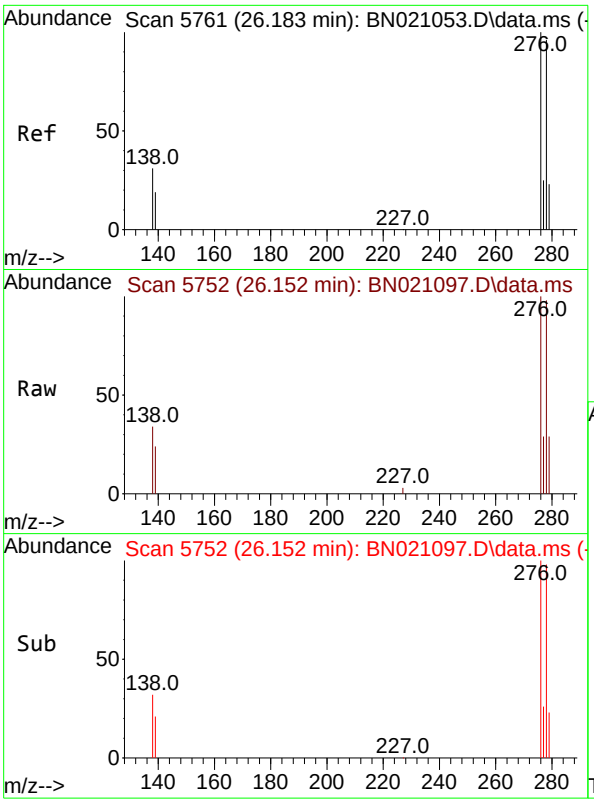


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 26.135 min Scan# 5747
Delta R.T. -0.014 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:276 Resp: 8578

Ion	Ratio	Lower	Upper
276	100		
138	31.9	26.1	39.1
227	0.1	0.1	0.1#



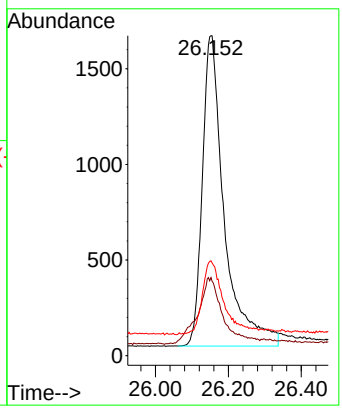


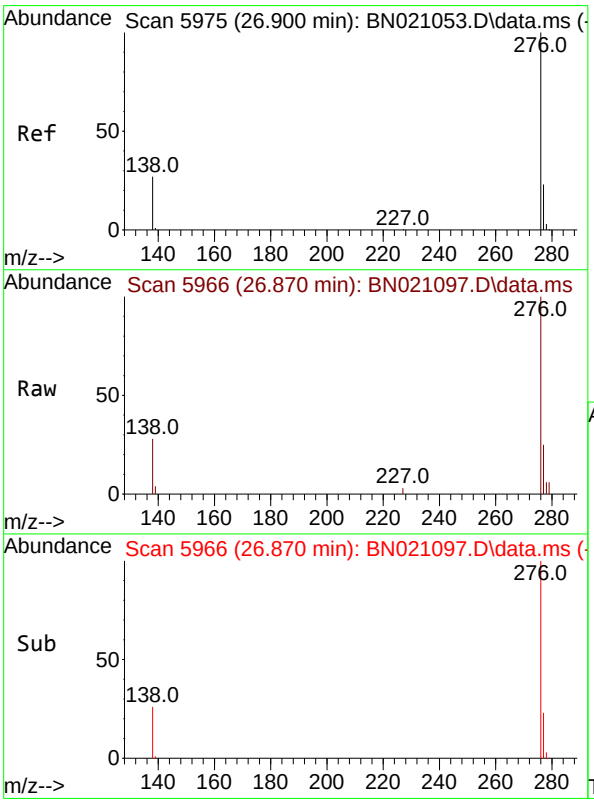
#28
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 26.152 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 6778

Ion	Ratio	Lower	Upper
278	100		
139	24.4	18.3	27.5
279	29.6	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.276 ng/ul
RT: 26.870 min Scan# 5966
Delta R.T. -0.017 min
Lab File: BN021097.D
Acq: 09 Aug 2022 22:32

Tgt Ion:276 Resp: 7725

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.6	34.0
277	25.3	20.2	30.2