Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
Data File : BN021066.D
Acq On : 08 Aug 2022 16:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 23:05:05 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 : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.788	152	3731	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.584	136	11916	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.446	164	6510	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.200	188	12623	0.400	ng/ul	0.00
17) Chrysene-d12	21.421	240	9155	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	7254	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	1779	0.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	7158	0.410	ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	13219	0.468	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	1752	0.356	ng/ul#	89
5) Naphthalene	10.633	128	12695	0.347	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	7929	0.357	ng/ul	99
8) 1-Methylnaphthalene	12.481	142	8552	0.385	ng/ul	99
10) Acenaphthylene	14.164	152	10691	0.351	ng/ul	99
11) Acenaphthene	14.506	153	8670	0.344	ng/ul	99
12) Fluorene	15.501	166	9564	0.348	ng/ul	99
14) Pentachlorophenol	16.870	266	671	0.345	ng/ul	99
15) Phenanthrene	17.242	178	15048	0.333	ng/ul	99
16) Anthracene	17.335	178	12368	0.354	ng/ul	99
19) Fluoranthene	19.275	202	15954	0.394	ng/ul	98
20) Pyrene	19.638	202	16073	0.384	ng/ul	98
21) Benzo(a)anthracene	21.406	228	10683	0.358	ng/ul	99
22) Chrysene	21.459	228	12969	0.330	ng/ul	99
24) Benzo(b)fluoranthene	23.055	252	11285	0.336	ng/ul	100
25) Benzo(k)fluoranthene	23.104	252	11441	0.323	ng/ul	99
26) Benzo(a)pyrene	23.666	252	10131	0.331	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.189	276	10903	0.298	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.209	278	8510	0.294	ng/ul	98
29) Benzo(g,h,i)perylene	26.927	276	9964	0.305	ng/ul	98

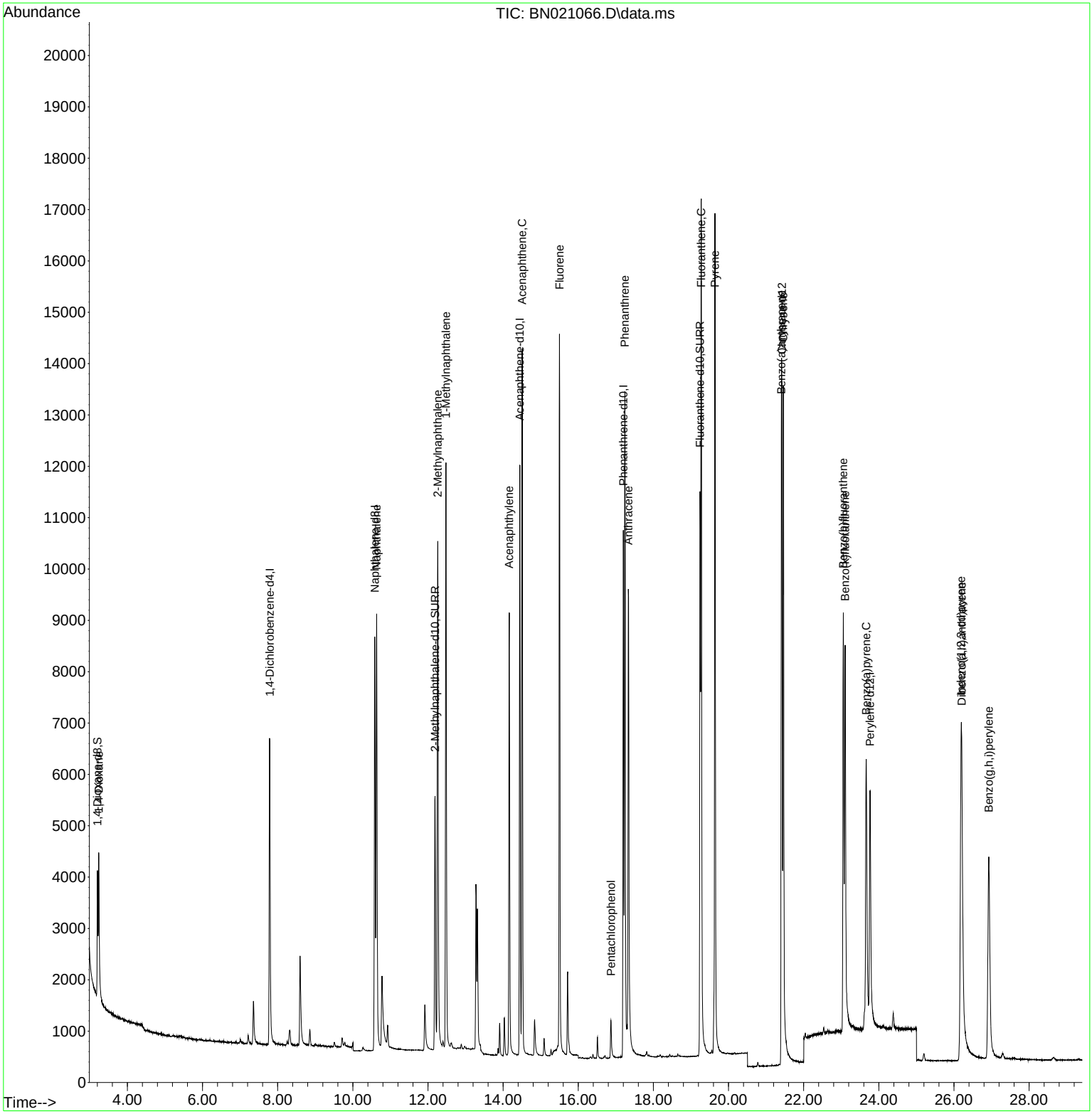
(#) = qualifier out of range (m) = manual integration (+) = signals summed

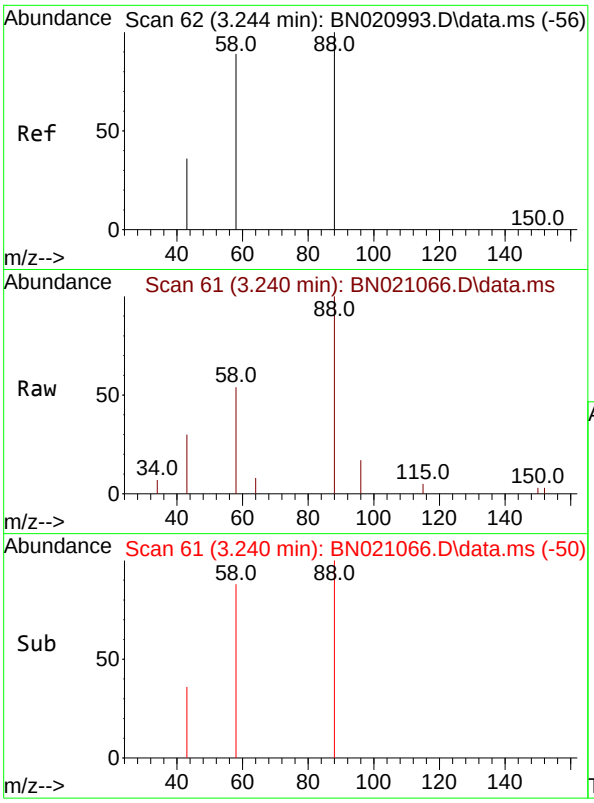
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
Data File : BN021066.D
Acq On : 08 Aug 2022 16:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 23:05:05 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 : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration



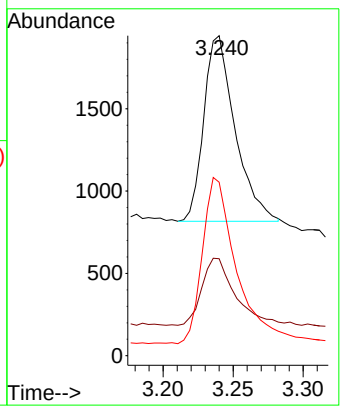


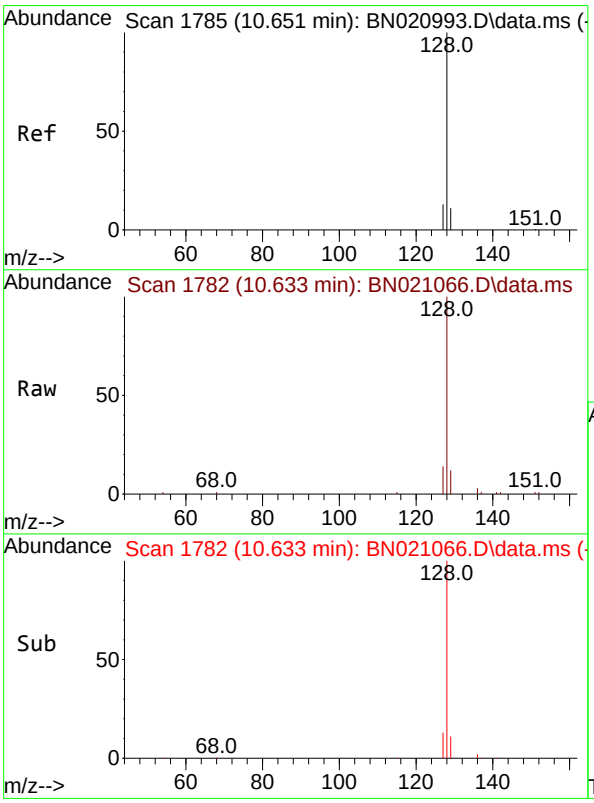
#2
1,4-Dioxane
Concen: 0.356 ng/ul
RT: 3.240 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1752

Ion	Ratio	Lower	Upper
88	100		
43	30.3	31.4	47.0#
58	54.2	49.0	73.6

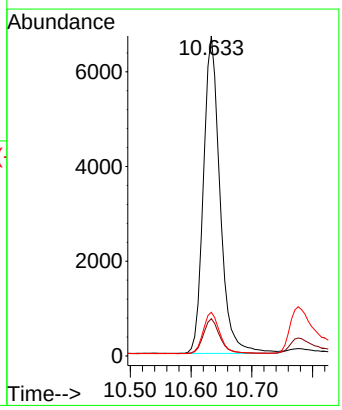


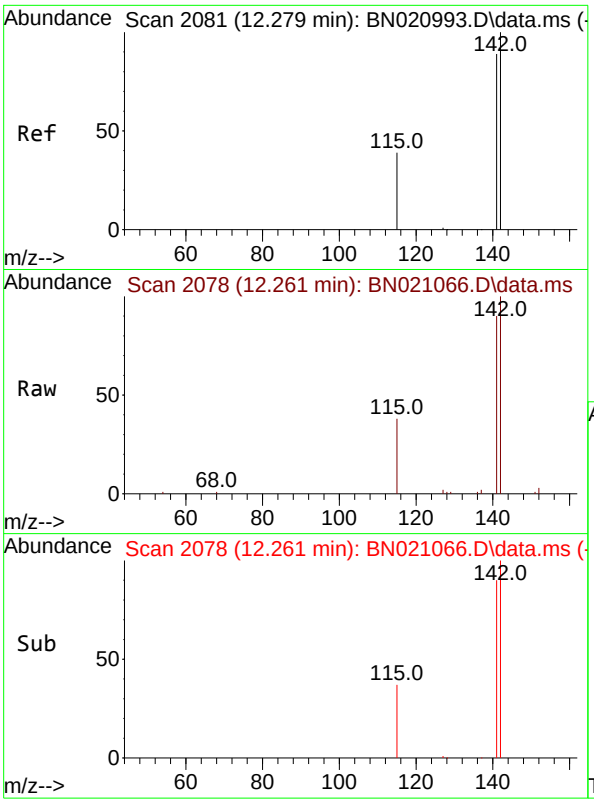


#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.633 min Scan# 1782
Delta R.T. -0.018 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:128 Resp: 12695

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	13.6	11.6	17.4



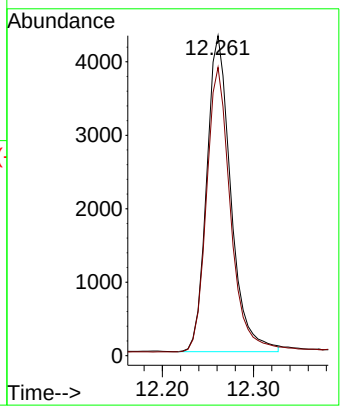


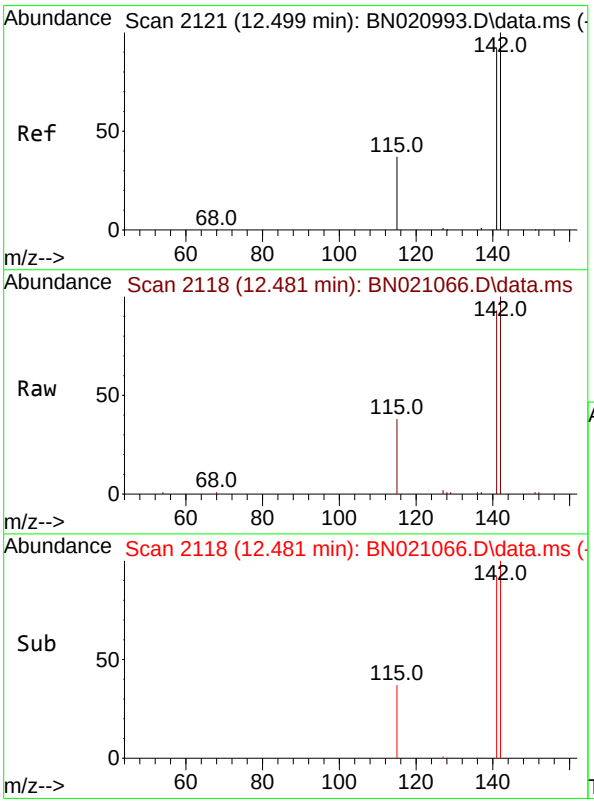
#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.261 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 7929

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2

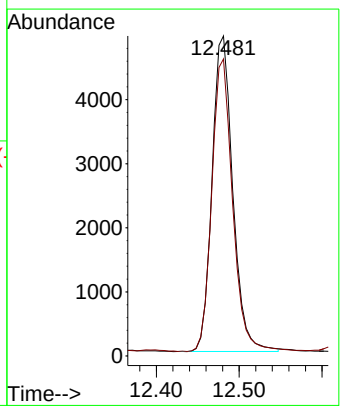


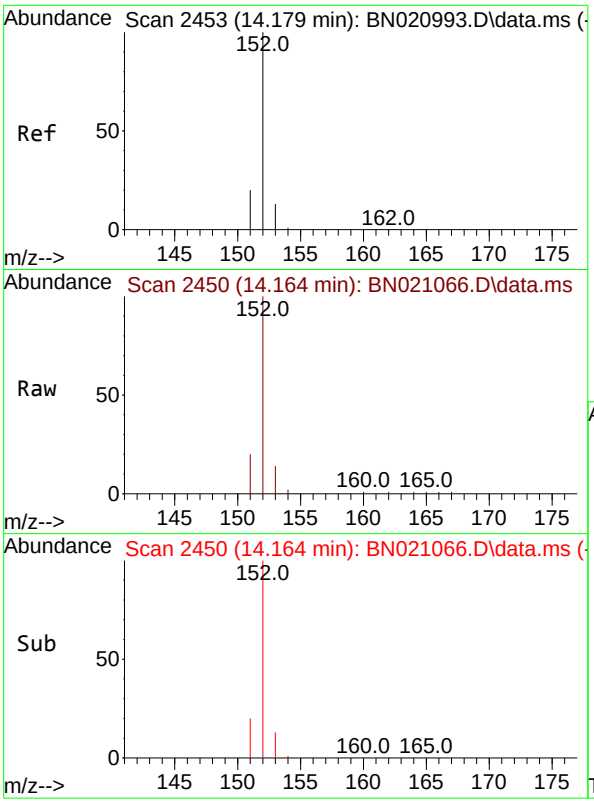


#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.481 min Scan# 2118
Delta R.T. -0.018 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:142 Resp: 8552

Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.9	110.9



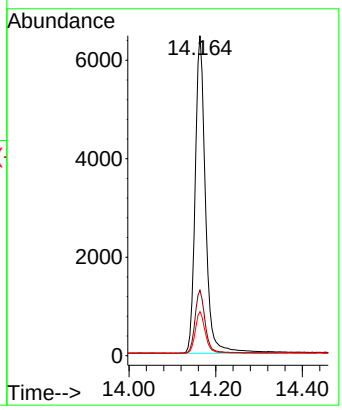


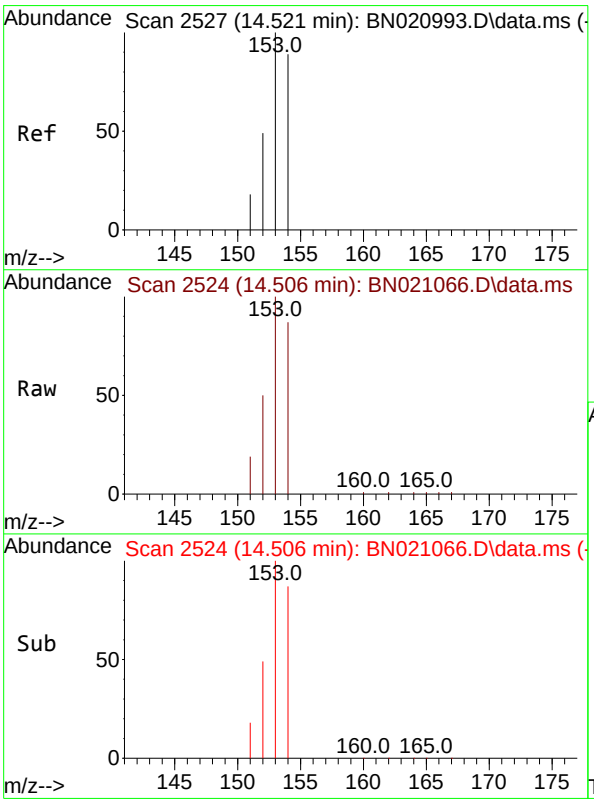
#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.164 min Scan# 24
Delta R.T. -0.015 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 10691

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.8	11.2	16.8

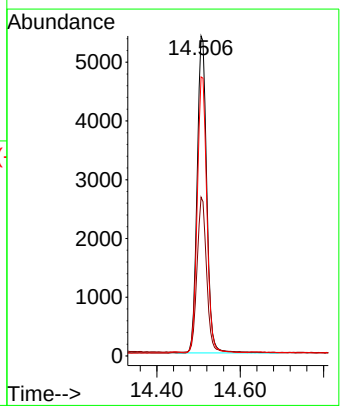


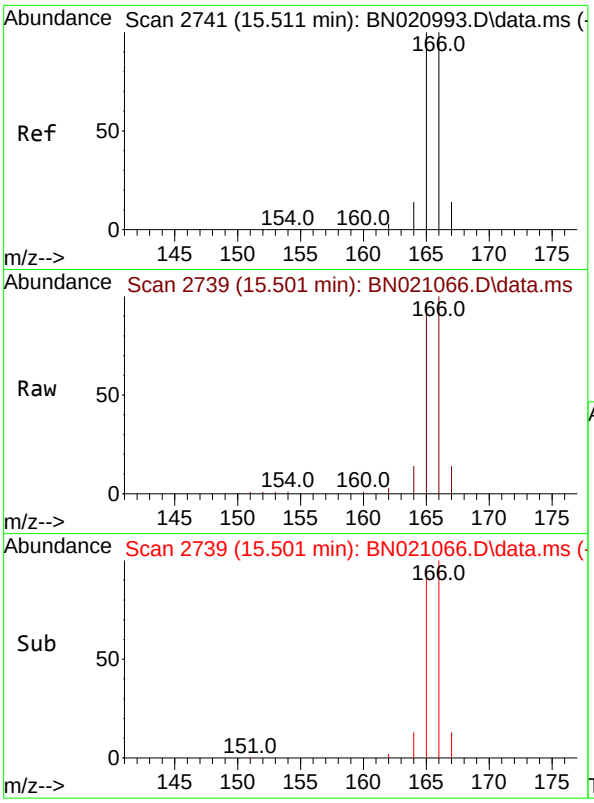


#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.506 min Scan# 2524
Delta R.T. -0.015 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:153 Resp: 8670

Ion	Ratio	Lower	Upper
153	100		
152	49.6	40.2	60.4
154	87.2	70.7	106.1



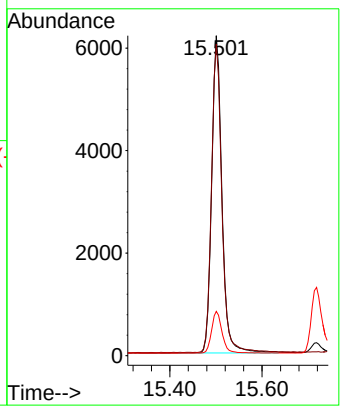


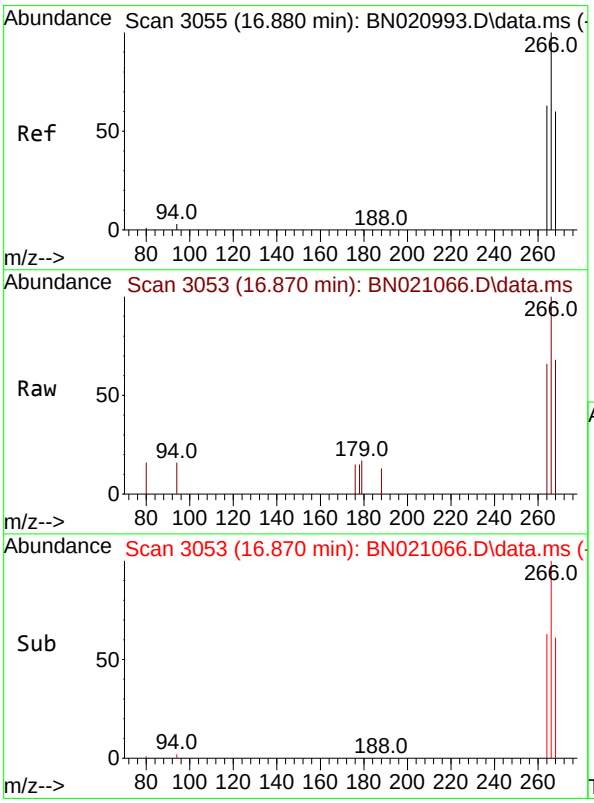
#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.501 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9564

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.8	11.8	17.6

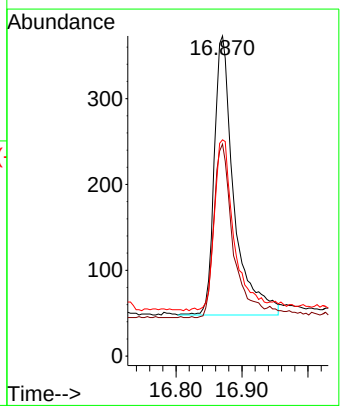


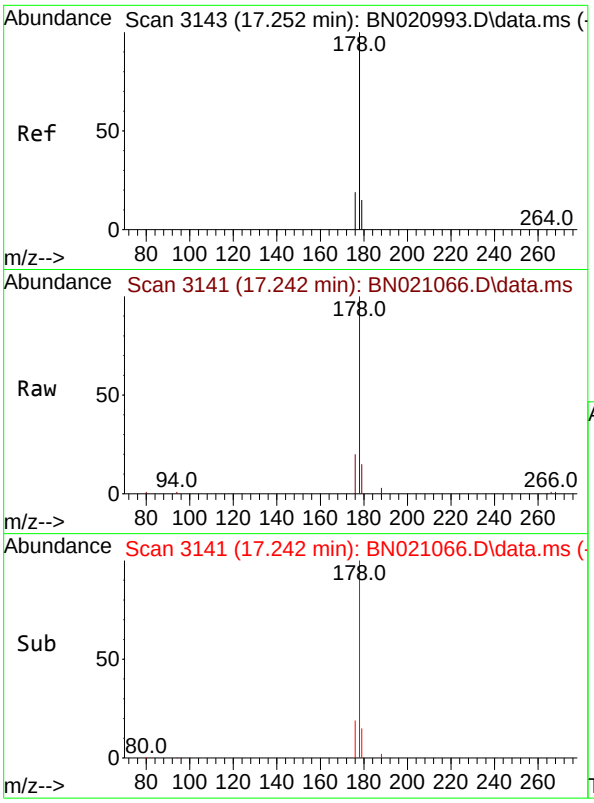


#14
Pentachlorophenol
Concen: 0.345 ng/ul
RT: 16.870 min Scan# 3053
Delta R.T. -0.010 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:266 Resp: 671

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.8	74.8
268	61.4	50.6	75.8



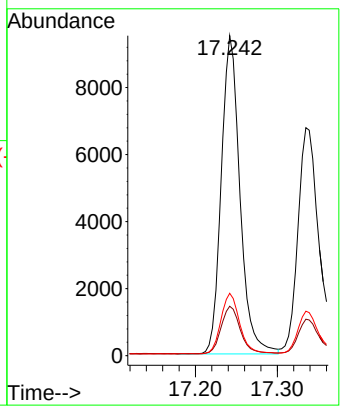


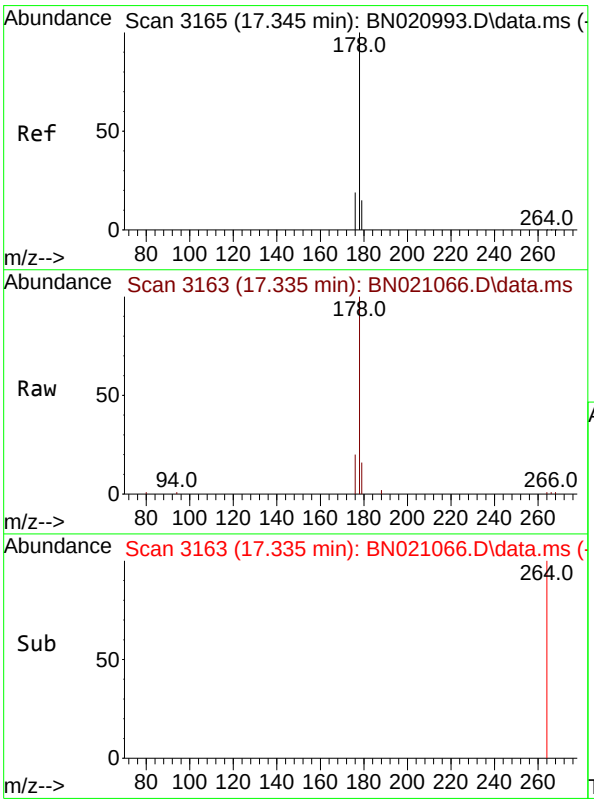
#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.242 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 15048

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.5	15.9	23.9

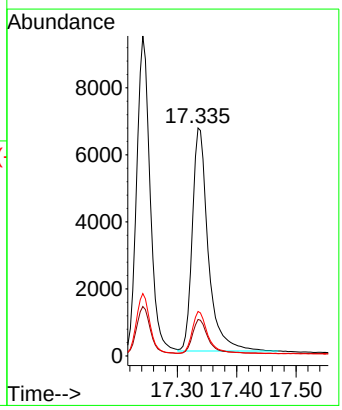


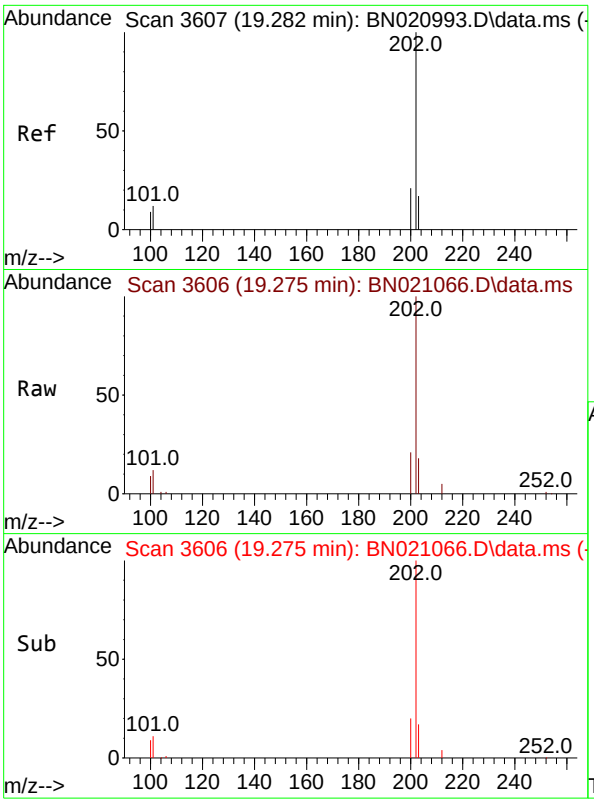


#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.335 min Scan# 3163
Delta R.T. -0.014 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:178 Resp: 12368

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.5	15.9	23.9



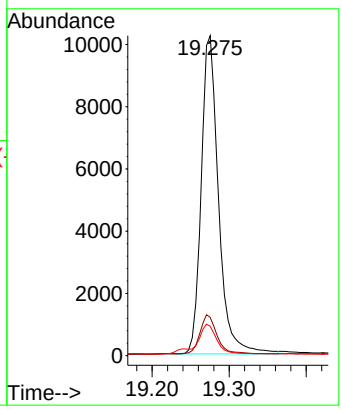


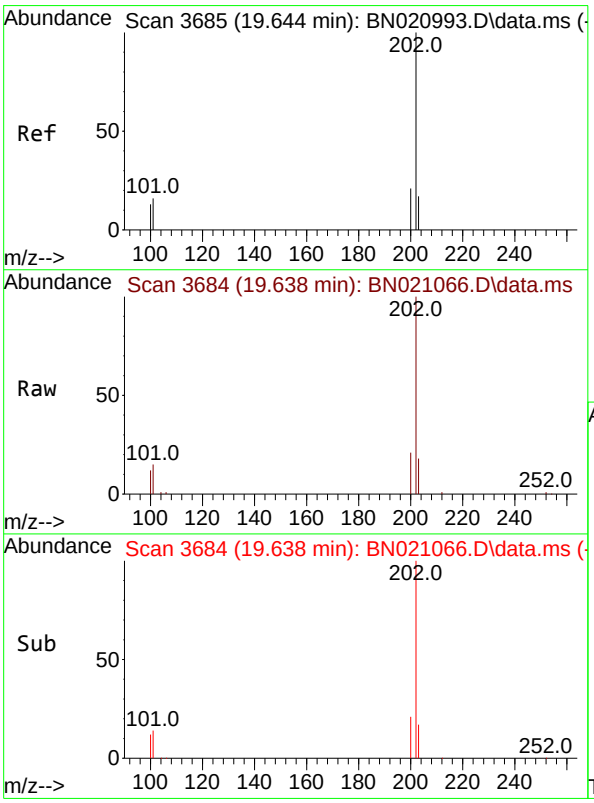
#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.275 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 15954

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.0	15.0
100	9.2	8.0	12.0

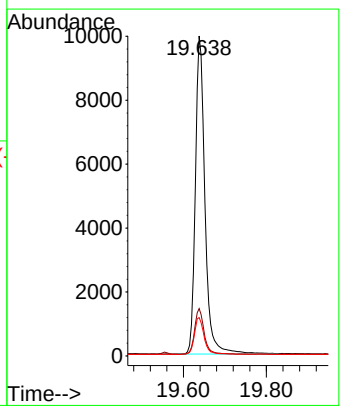


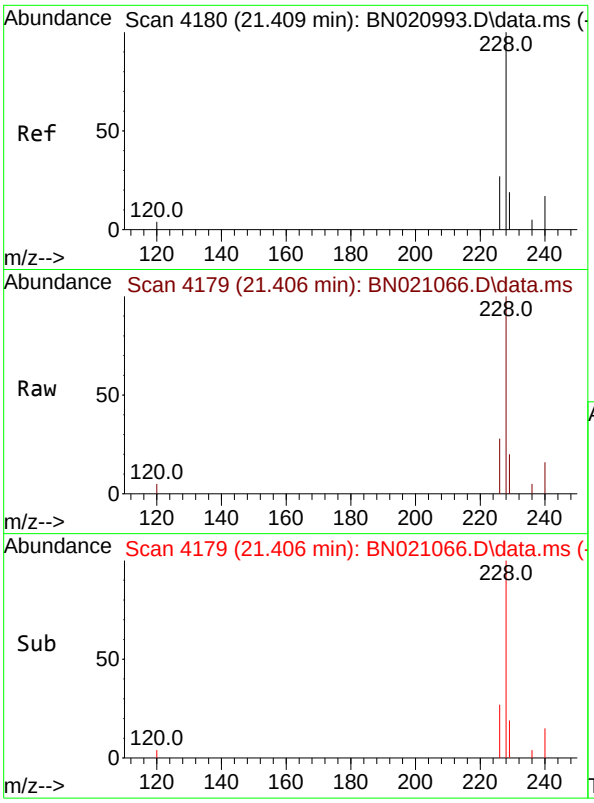


#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.638 min Scan# 3684
Delta R.T. -0.006 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:202 Resp: 16073

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.3	16.9
100	12.0	9.0	13.4



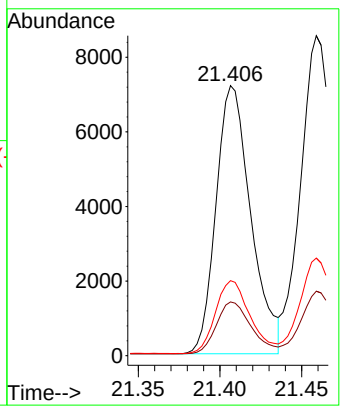


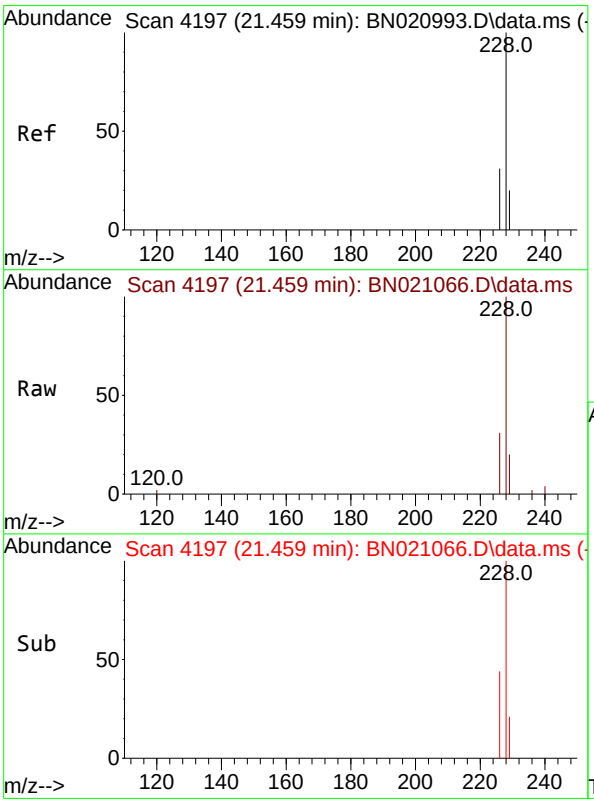
#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.406 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10683

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	27.8	21.9	32.9

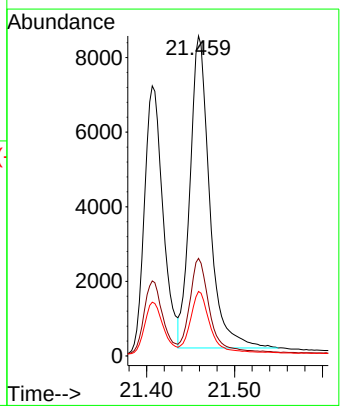


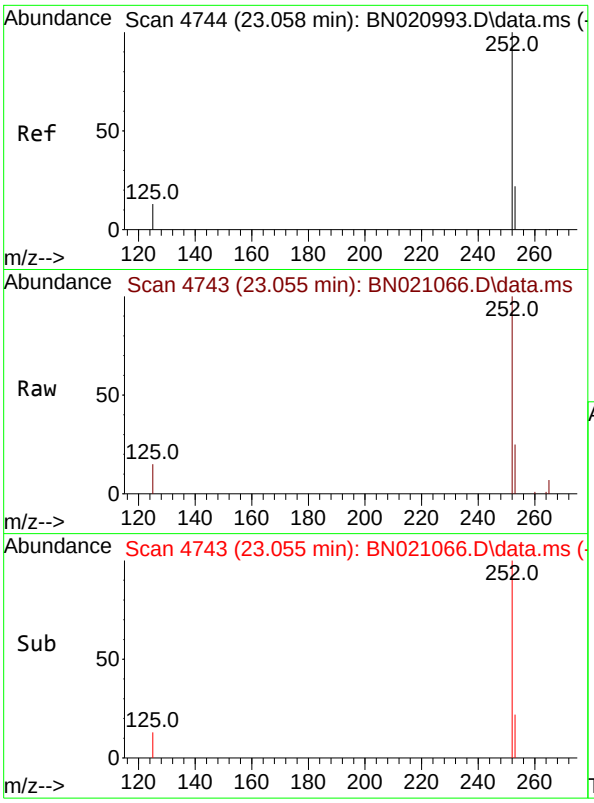


#22
Chrysene
Concen: 0.330 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. -0.000 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:228 Resp: 12969

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	20.1	15.8	23.8



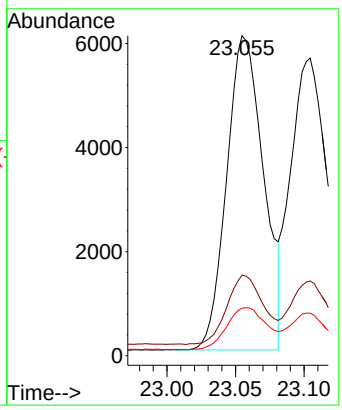


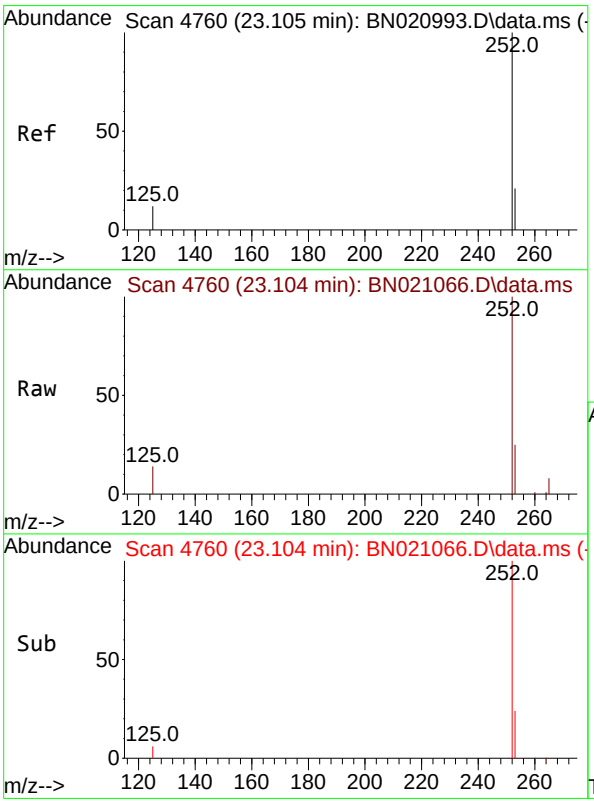
#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul
RT: 23.055 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11285

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	50.8
125	14.8	0.0	30.0

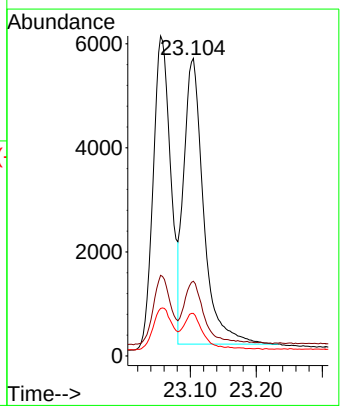


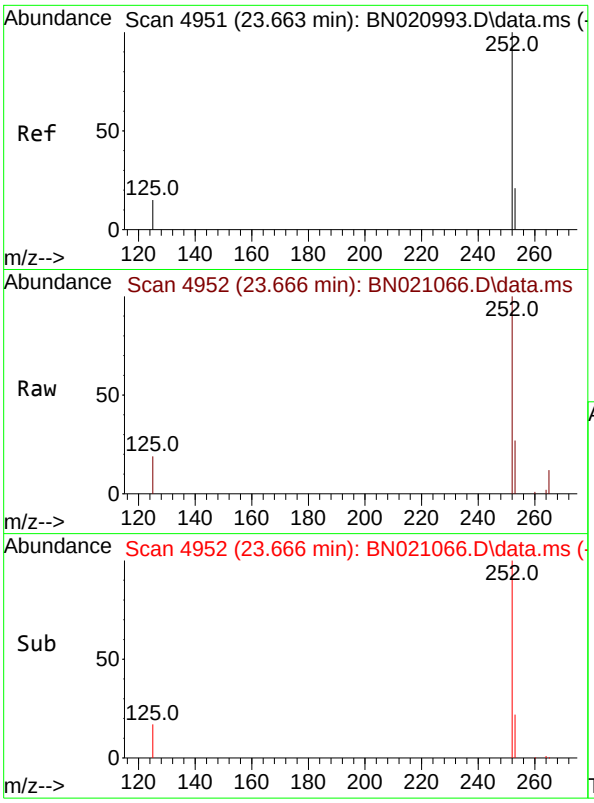


#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.104 min Scan# 4760
Delta R.T. 0.006 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:252 Resp: 11441

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.6	31.0
125	14.3	11.8	17.6



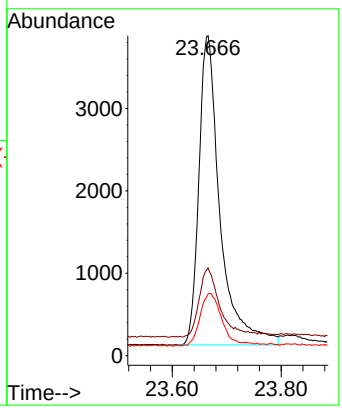


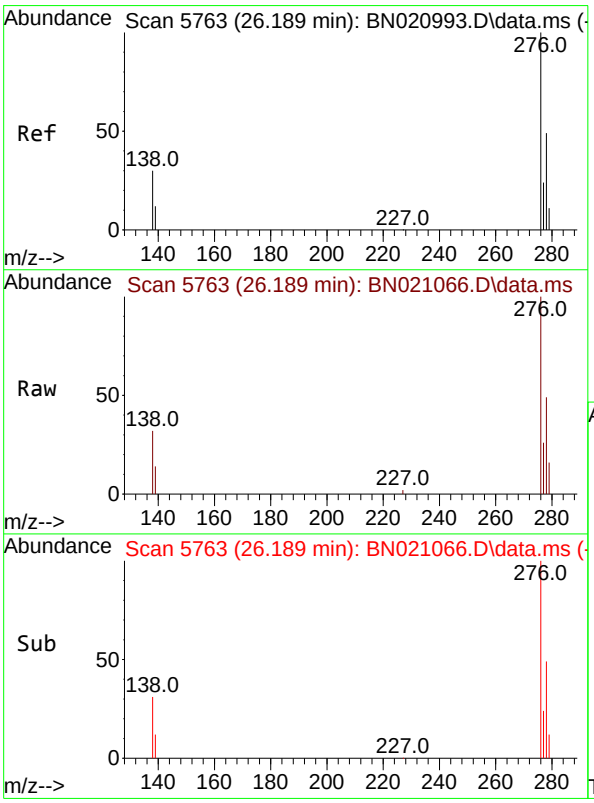
#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.666 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10131

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.1	33.1
125	19.3	14.7	22.1

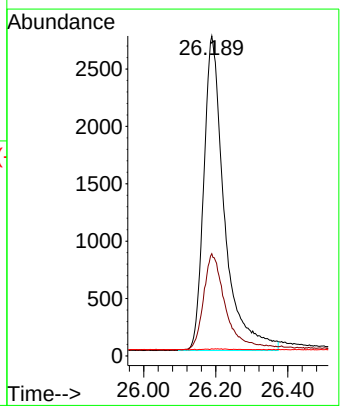


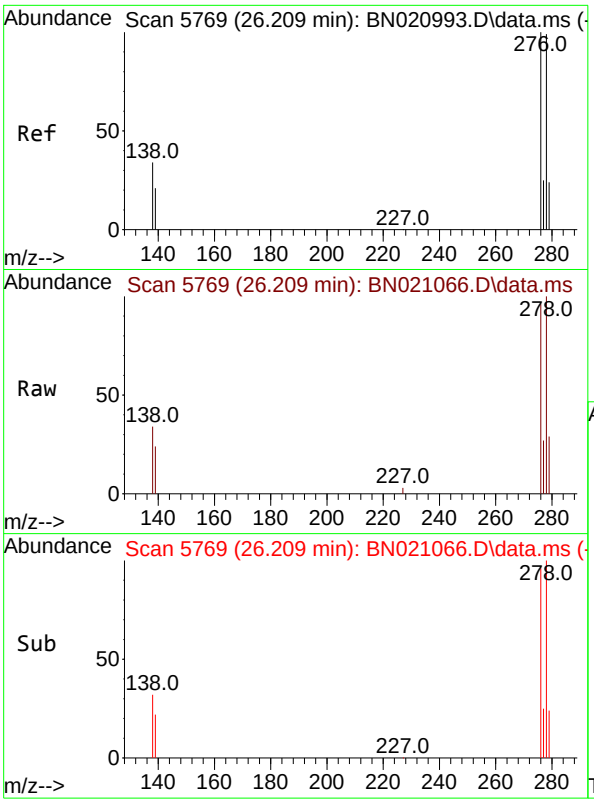


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 26.189 min Scan# 5763
Delta R.T. 0.003 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:276 Resp: 10903

Ion	Ratio	Lower	Upper
276	100		
138	32.8	26.1	39.1
227	0.0	0.1	0.1#



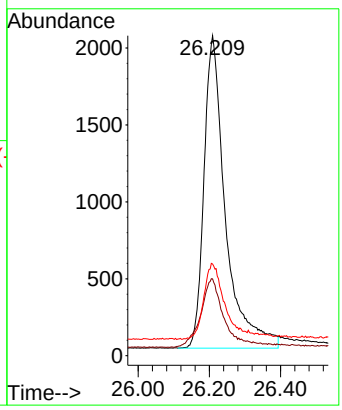


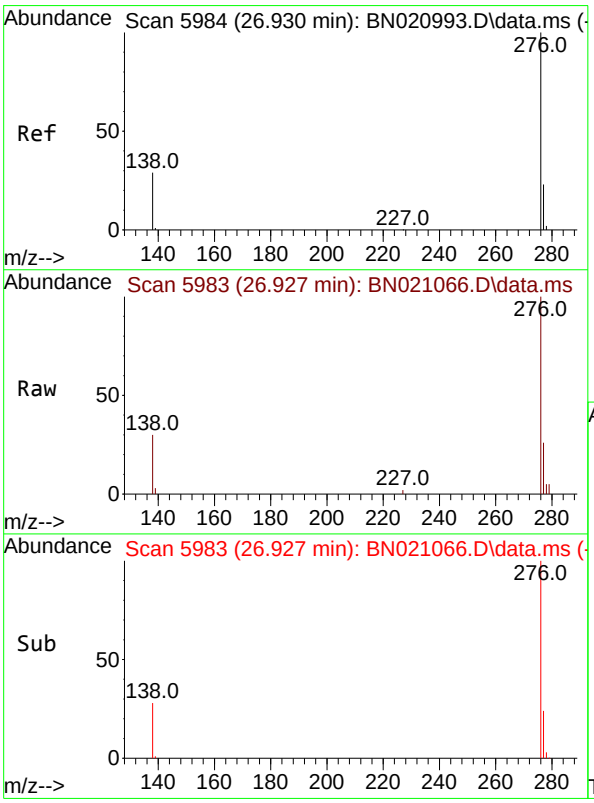
#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 26.209 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8510

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.3	27.5
279	28.7	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 26.927 min Scan# 5983
Delta R.T. -0.003 min
Lab File: BN021066.D
Acq: 08 Aug 2022 16:24

Tgt Ion:276 Resp: 9964

Ion	Ratio	Lower	Upper
276	100		
138	29.7	22.6	34.0
277	25.7	20.2	30.2