Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
Data File : BN021128.D
Acq On : 10 Aug 2022 22:08
Operator : CG/JU
Sample : PB146903BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:20:18 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	3056	0.400	ng/ul	0.01
4) Naphthalene-d8	10.585	136	10585	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.438	164	6010	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	11199	0.400	ng/ul	0.00
17) Chrysene-d12	21.392	240	7664	0.400	ng/ul	-0.01
23) Perylene-d12	23.725	264	5654	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	2611	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.186	152	5481	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.226	212	10230	0.432	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	7009	1.740	ng/ul	86
5) Naphthalene	10.635	128	9898	0.304	ng/ul	98
7) 2-Methylnaphthalene	12.263	142	6035	0.306	ng/ul	99
8) 1-Methylnaphthalene	12.477	142	6564	0.333	ng/ul	99
10) Acenaphthylene	14.161	152	8492	0.302	ng/ul	99
11) Acenaphthene	14.503	153	6964	0.300	ng/ul	98
12) Fluorene	15.493	166	7488	0.295	ng/ul	98
14) Pentachlorophenol	16.864	266	683	0.396	ng/ul	99
15) Phenanthrene	17.231	178	11791	0.294	ng/ul	99
16) Anthracene	17.328	178	9533	0.307	ng/ul	100
19) Fluoranthene	19.259	202	12418	0.366	ng/ul	99
20) Pyrene	19.621	202	12739	0.364	ng/ul	99
21) Benzo(a)anthracene	21.377	228	7769	0.311	ng/ul	100
22) Chrysene	21.430	228	9923	0.301	ng/ul	99
24) Benzo(b)fluoranthene	23.014	252	8095	0.309	ng/ul	98
25) Benzo(k)fluoranthene	23.064	252	8654	0.313	ng/ul	99
26) Benzo(a)pyrene	23.622	252	7494	0.314	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.132	276	8064	0.283	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.149	278	6397	0.284	ng/ul	98
29) Benzo(g,h,i)perylene	26.867	276	7408	0.291	ng/ul	99

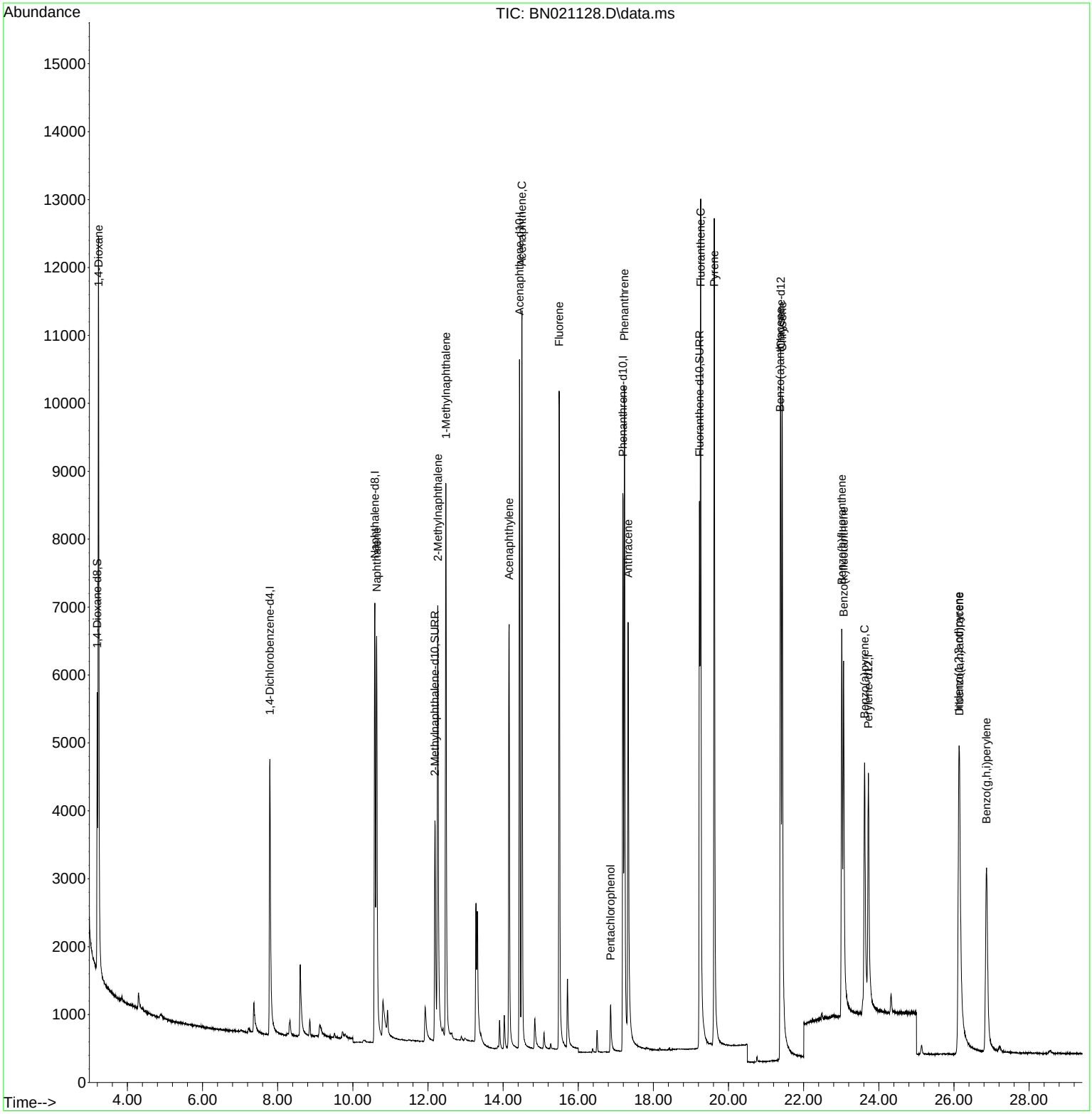
(#) = qualifier out of range (m) = manual integration (+) = signals summed

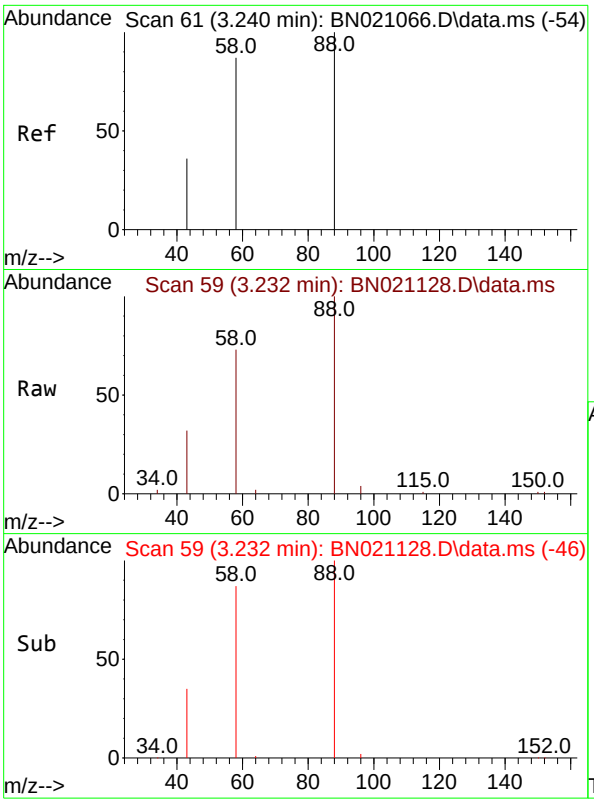
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081022\
Data File : BN021128.D
Acq On : 10 Aug 2022 22:08
Operator : CG/JU
Sample : PB146903BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 11 02:20:18 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



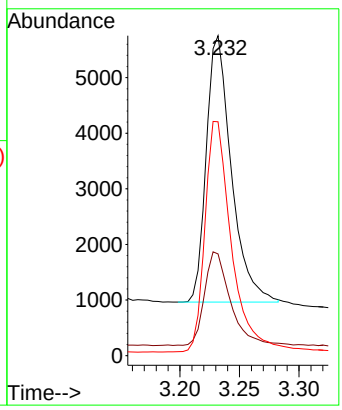


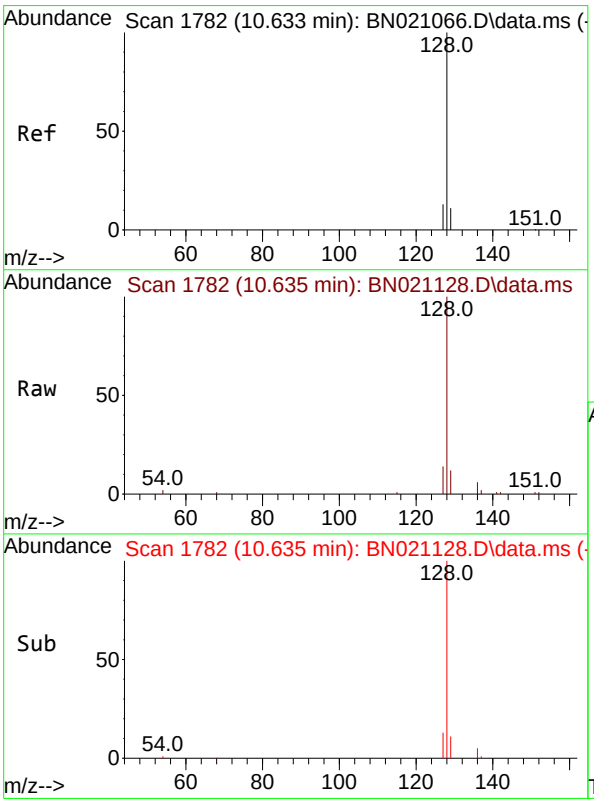
#2
1,4-Dioxane
Concen: 1.740 ng/ul
RT: 3.232 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 7009

Ion	Ratio	Lower	Upper
88	100		
43	31.8	31.4	47.0
58	73.1	49.0	73.6

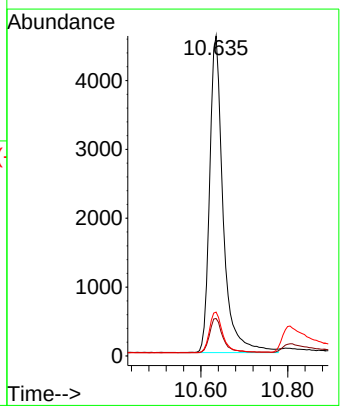


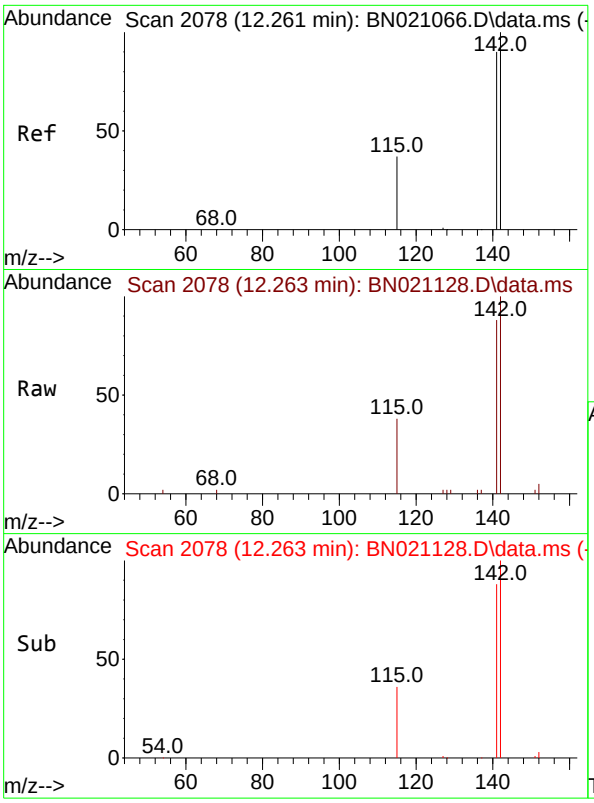


#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.635 min Scan# 1782
Delta R.T. 0.007 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:128 Resp: 9898

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.7	11.6	17.4



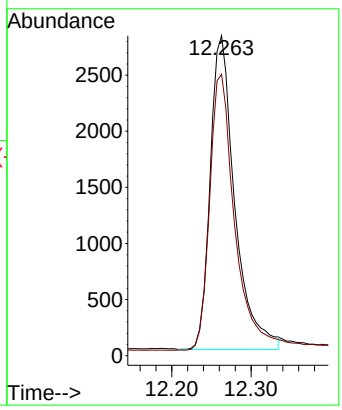


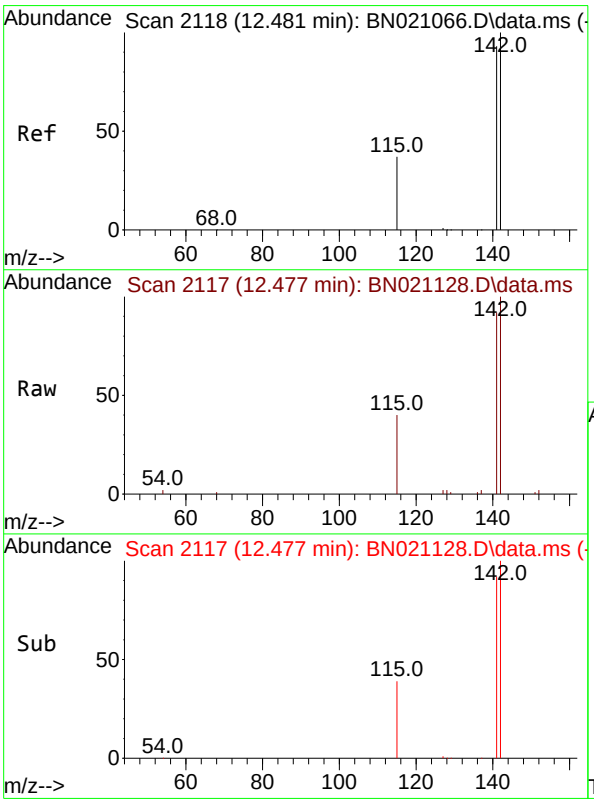
#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.263 min Scan# 2
Delta R.T. 0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 6035

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2

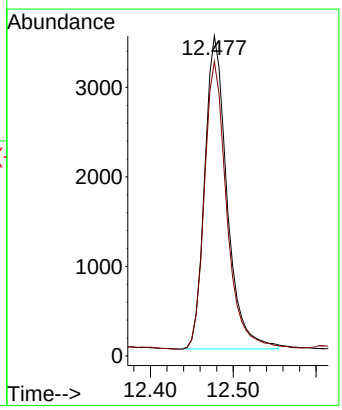


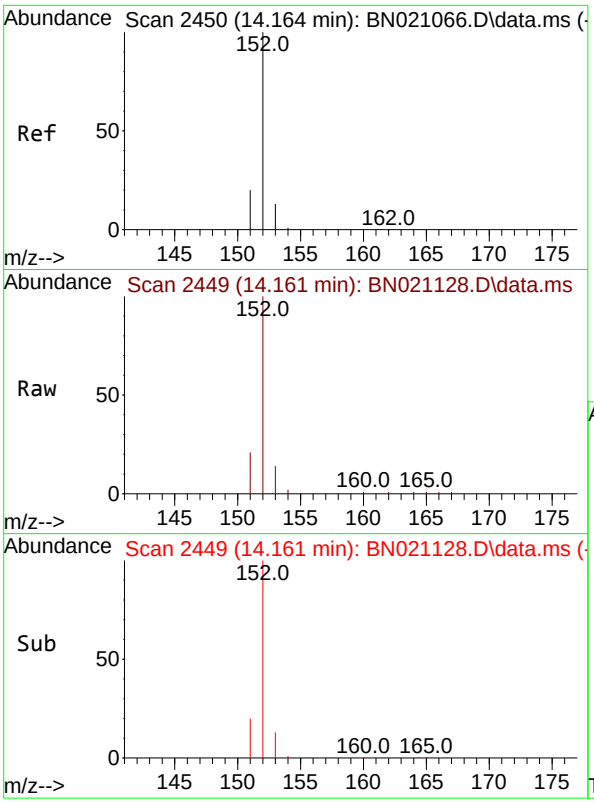


#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.477 min Scan# 2117
Delta R.T. 0.007 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:142 Resp: 6564

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9



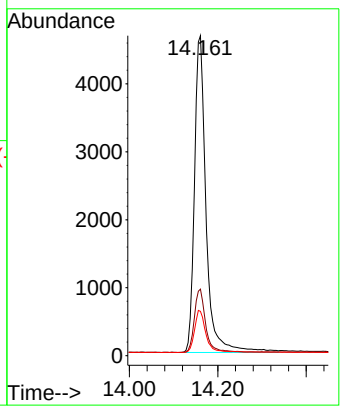


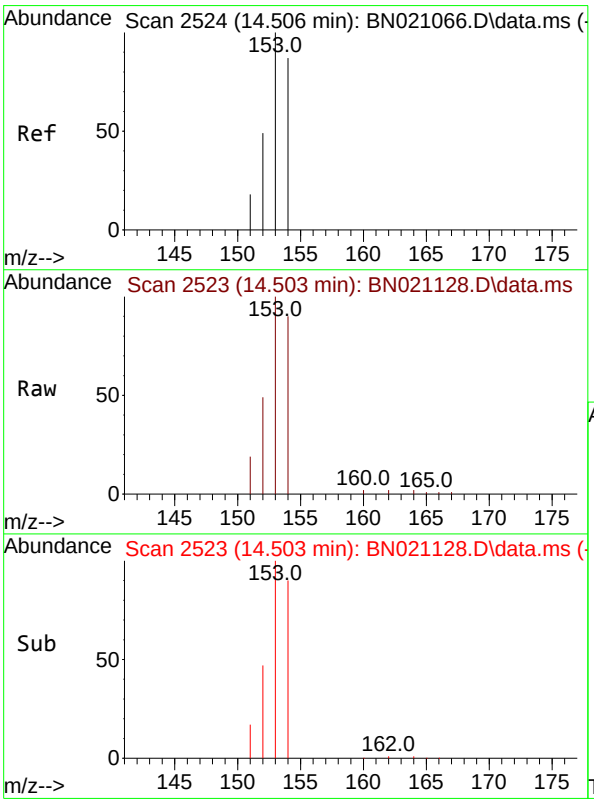
#10
Acenaphthylene
Concen: 0.302 ng/ul
RT: 14.161 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8492

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.9	11.2	16.8

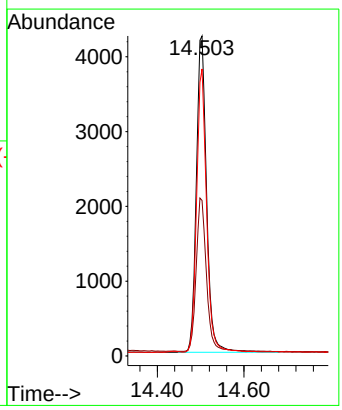


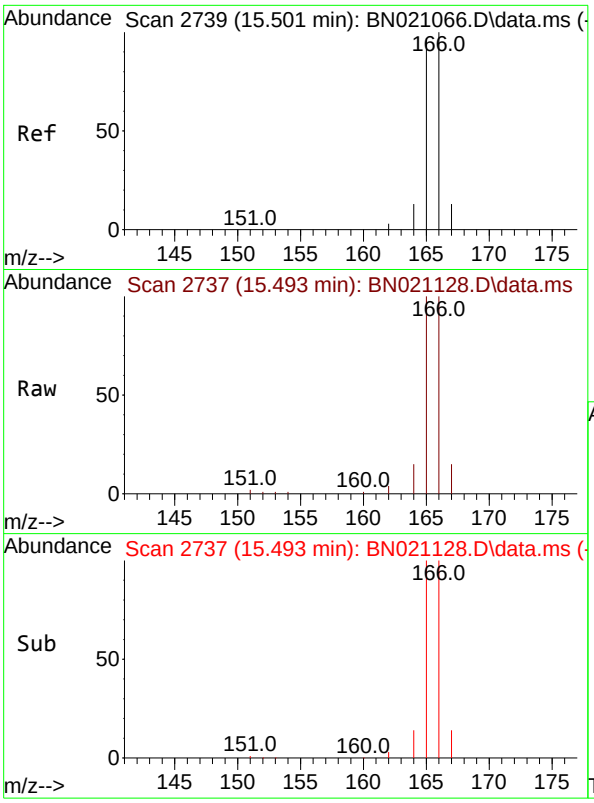


#11
Acenaphthene
Concen: 0.300 ng/ul
RT: 14.503 min Scan# 2523
Delta R.T. 0.001 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:153 Resp: 6964

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.2	60.4
154	89.7	70.7	106.1



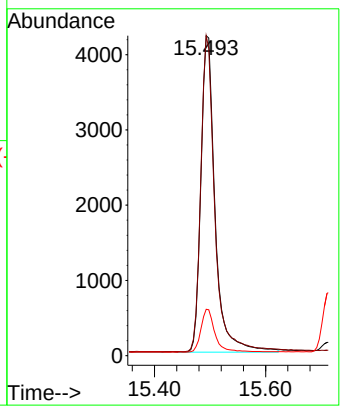


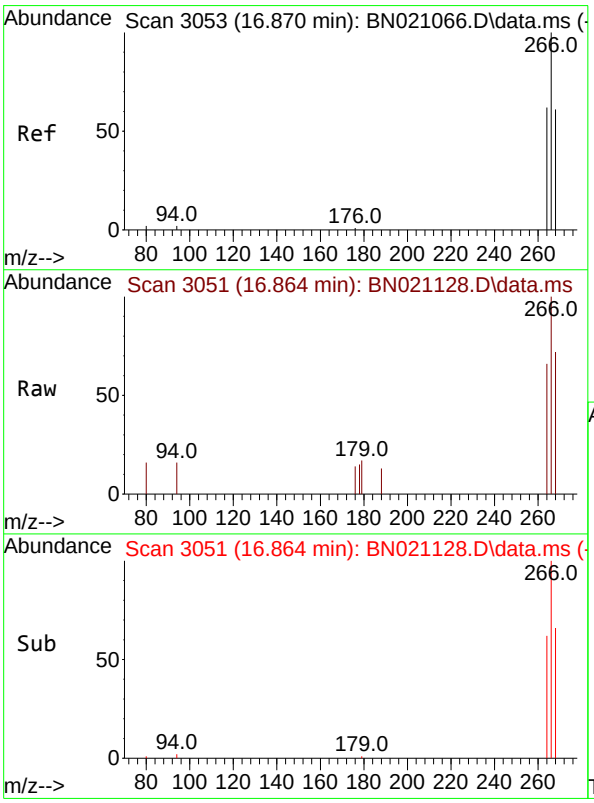
#12
Fluorene
Concen: 0.295 ng/ul
RT: 15.493 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 7488

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.6	117.8
167	14.5	11.8	17.6

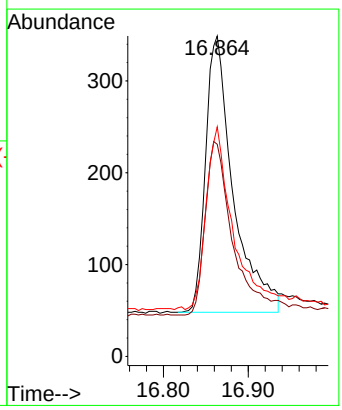


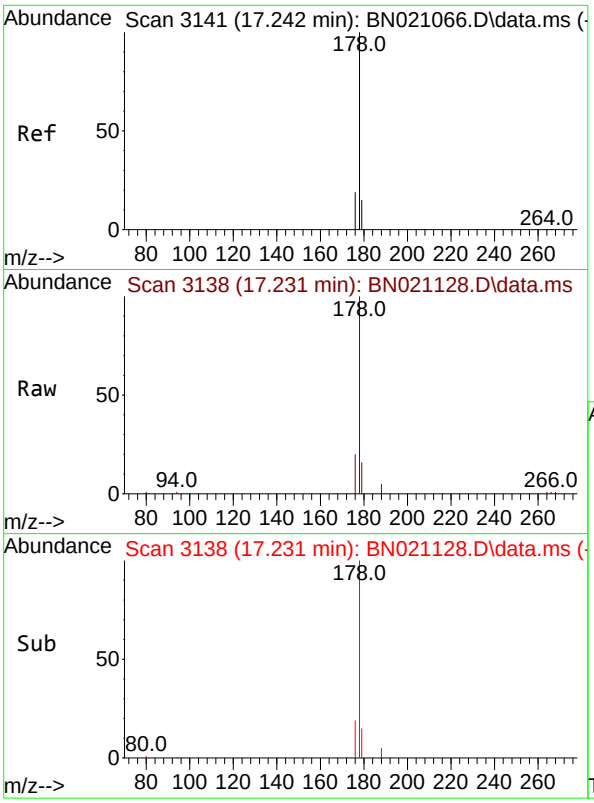


#14
Pentachlorophenol
Concen: 0.396 ng/ul
RT: 16.864 min Scan# 3051
Delta R.T. 0.010 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:266 Resp: 683

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.8	74.8
268	64.6	50.6	75.8





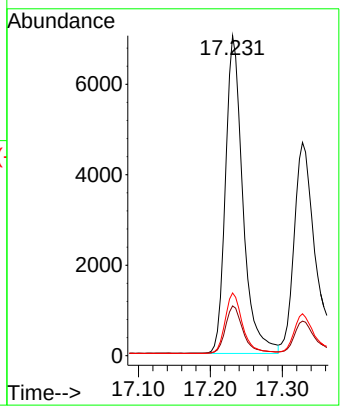
#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 17.231 min Scan# 3

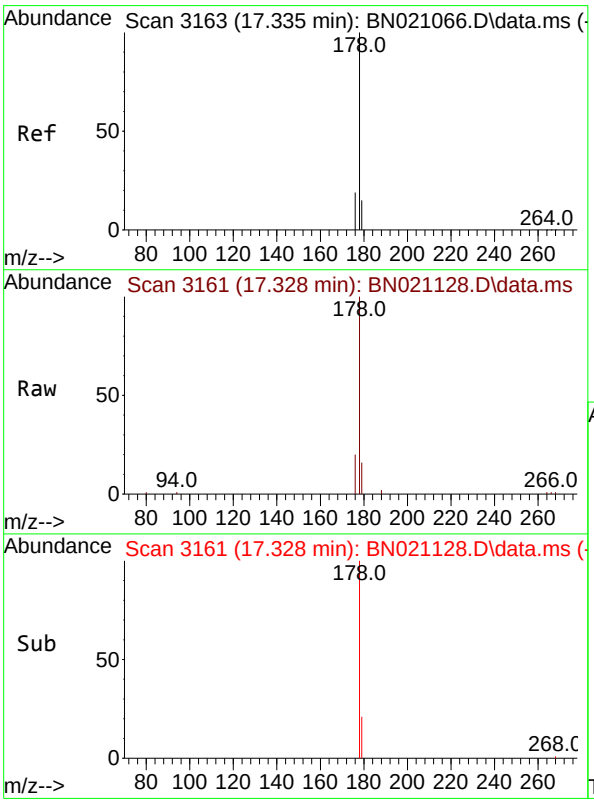
Instrument :
BNA_N
ClientSampleId :

Delta R.T. 0.001 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:178 Resp: 11791

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.6	15.9	23.9

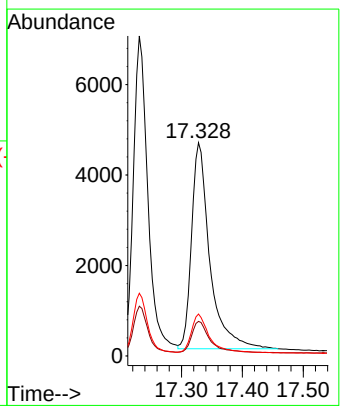


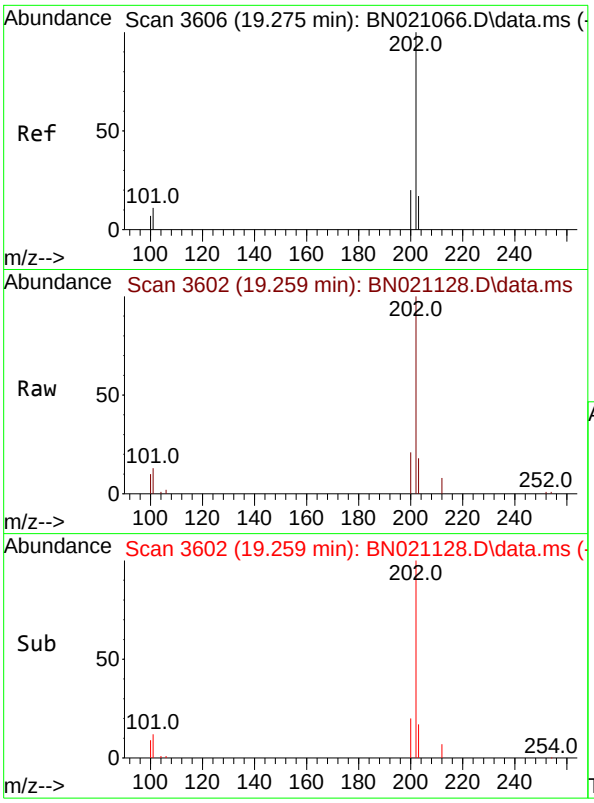


#16
Anthracene
Concen: 0.307 ng/ul
RT: 17.328 min Scan# 3161
Delta R.T. 0.005 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:178 Resp: 9533

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.7	15.9	23.9



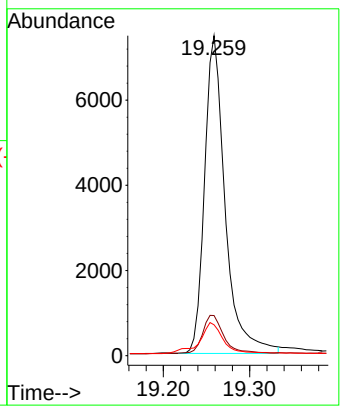


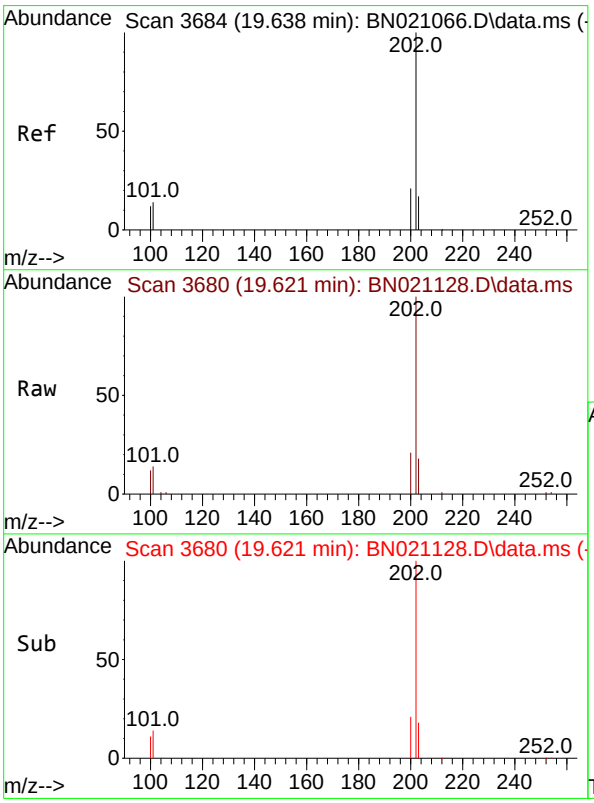
#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 19.259 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 12418

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
100	9.6	8.0	12.0

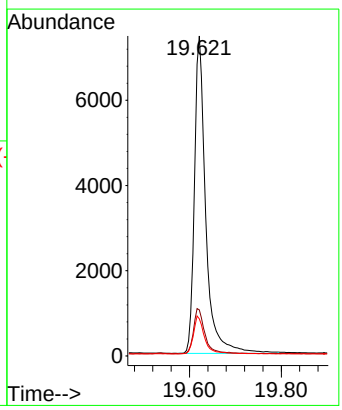


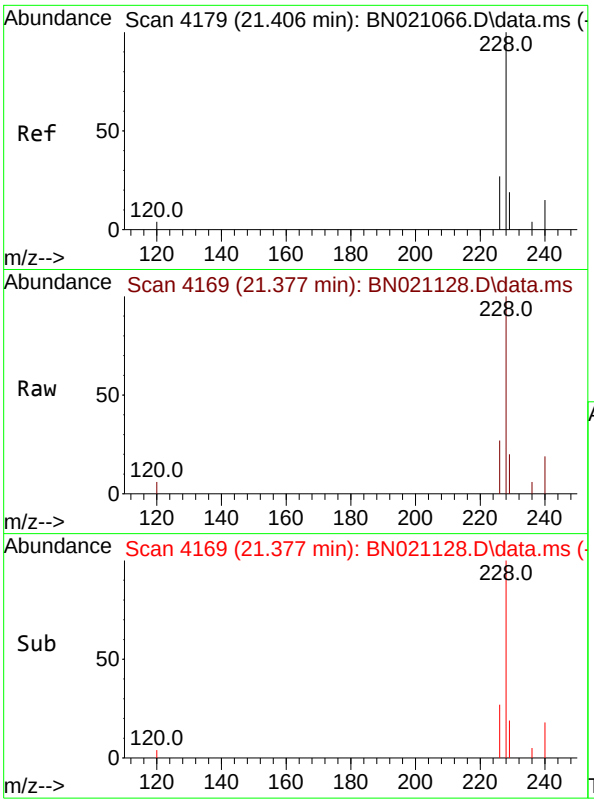


#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.621 min Scan# 3680
Delta R.T. -0.003 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:202 Resp: 12739

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.3	16.9
100	11.6	9.0	13.4



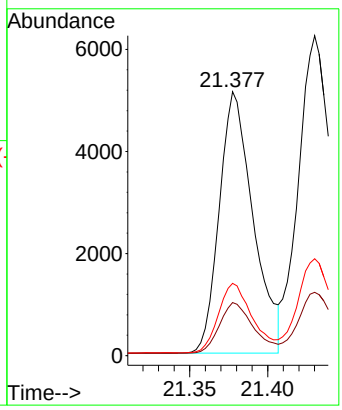


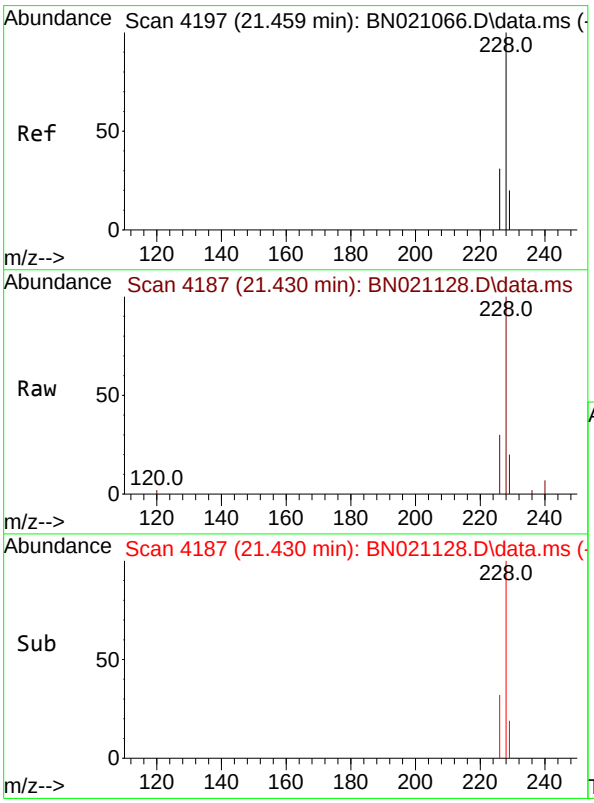
#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.377 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7769

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	27.4	21.9	32.9

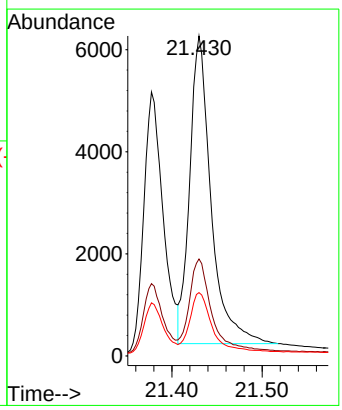


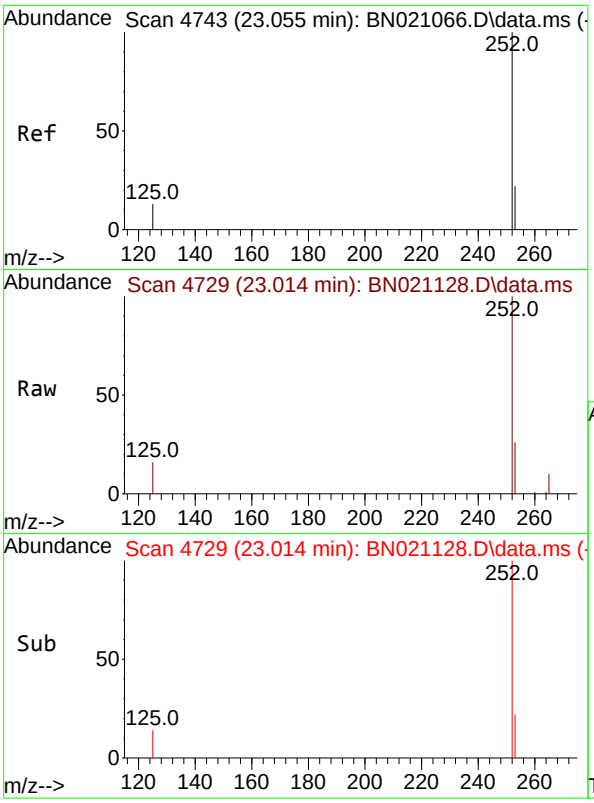


#22
Chrysene
Concen: 0.301 ng/ul
RT: 21.430 min Scan# 4187
Delta R.T. -0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:228 Resp: 9923

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.8	15.8	23.8



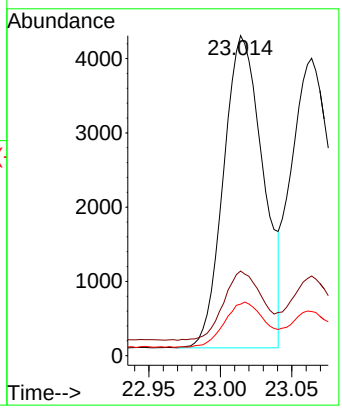


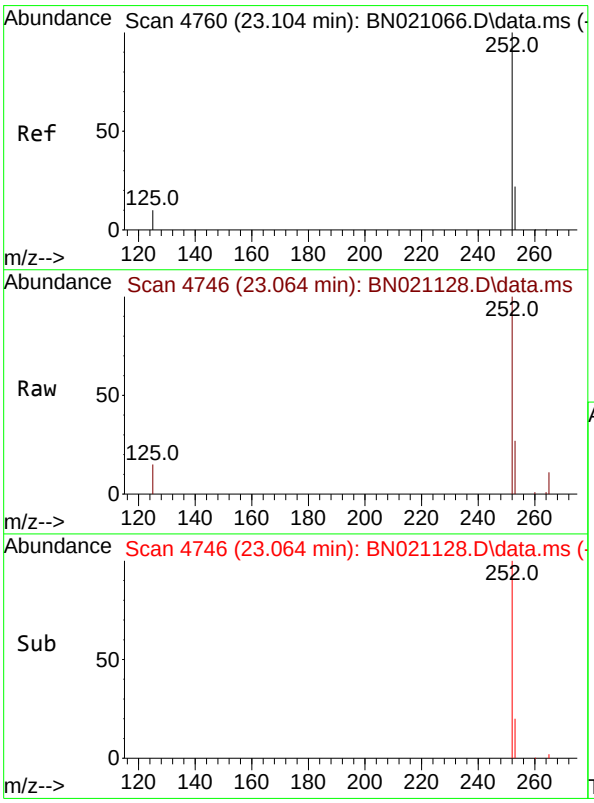
#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul
RT: 23.014 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8095

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	50.8
125	16.1	0.0	30.0

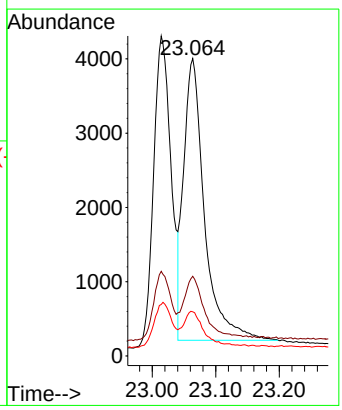


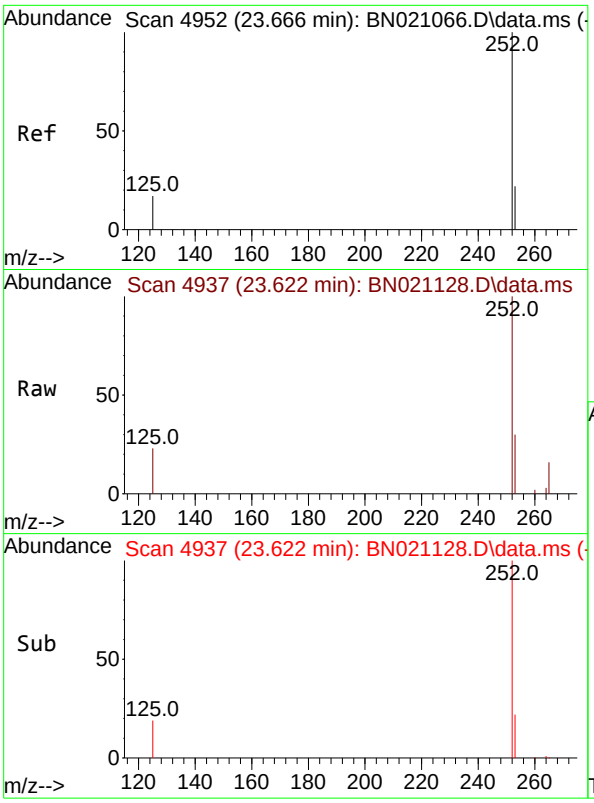


#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 23.064 min Scan# 4746
Delta R.T. -0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:252 Resp: 8654

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.6	31.0
125	14.8	11.8	17.6



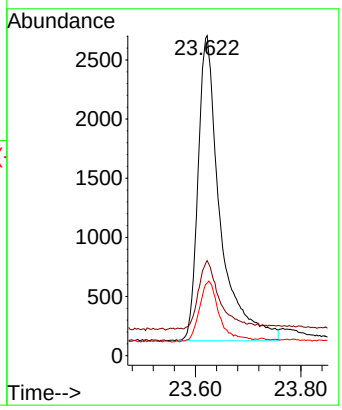


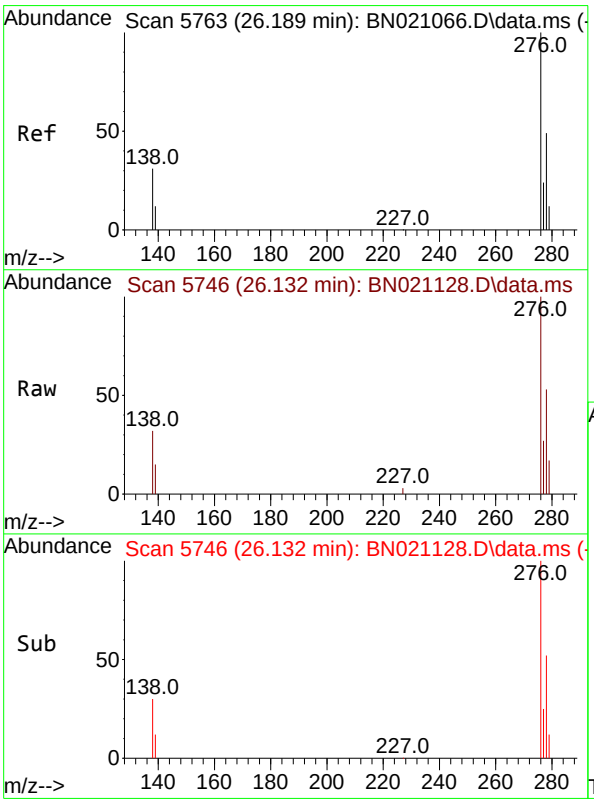
#26
Benzo(a)pyrene
Concen: 0.314 ng/ul
RT: 23.622 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7494

Ion	Ratio	Lower	Upper
252	100		
253	29.7	22.1	33.1
125	22.7	14.7	22.1#

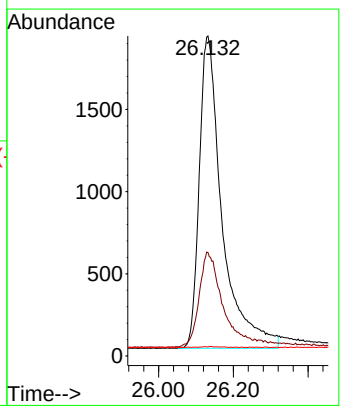


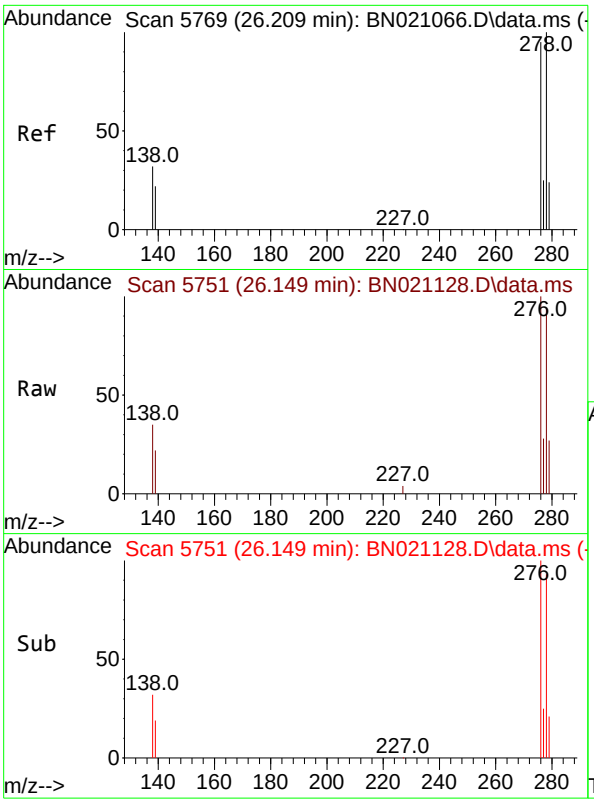


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.132 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:276 Resp: 8064

Ion	Ratio	Lower	Upper
276	100		
138	32.5	26.1	39.1
227	0.0	0.1	0.1#



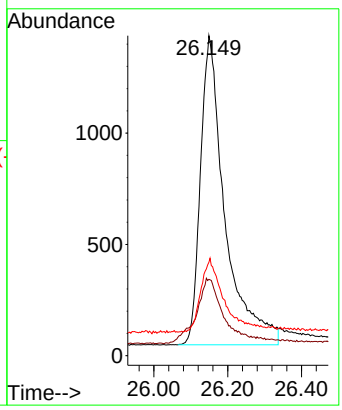


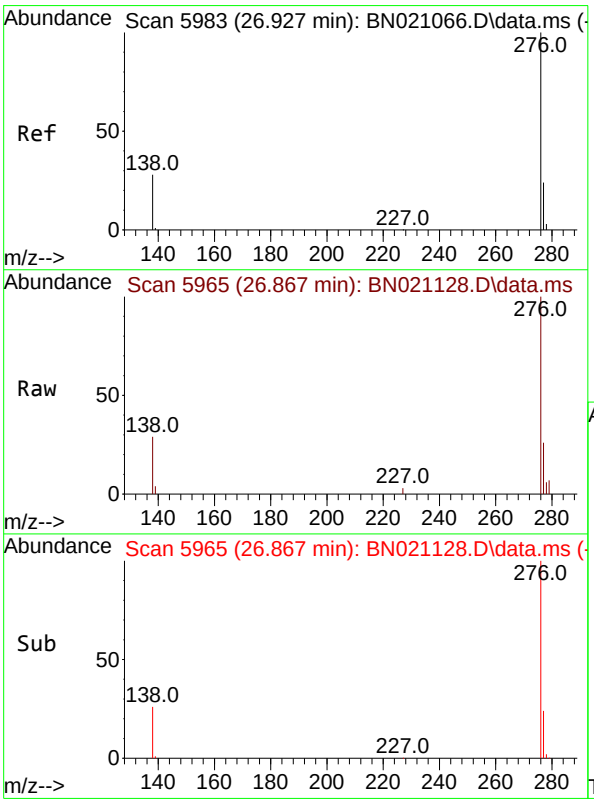
#28
Dibenzo(a,h)anthracene
Concen: 0.284 ng/ul
RT: 26.149 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 6397

Ion	Ratio	Lower	Upper
278	100		
139	23.9	18.3	27.5
279	29.2	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.291 ng/ul
RT: 26.867 min Scan# 5965
Delta R.T. -0.021 min
Lab File: BN021128.D
Acq: 10 Aug 2022 22:08

Tgt Ion:276 Resp: 7408

Ion	Ratio	Lower	Upper
276	100		
138	28.7	22.6	34.0
277	26.1	20.2	30.2