Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
Data File : BN021075.D
Acq On : 08 Aug 2022 22:07
Operator : CG/JU
Sample : N4069-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 08 23:12:34 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 : Mon Aug 08 23:08:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	2762	0.400	ng/ul	0.01
4) Naphthalene-d8	10.596	136	9427	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.452	164	5337	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.205	188	10998	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	9086	0.400	ng/ul	-0.01
23) Perylene-d12	23.748	264	7192	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.196	152	5104	0.370	ng/ul	0.00
18) Fluoranthene-d10	19.240	212	13119	0.468	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	2112	0.580	ng/ul	97
5) Naphthalene	10.646	128	8905	0.308	ng/ul	99
7) 2-Methylnaphthalene	12.268	142	5619	0.320	ng/ul	99
8) 1-Methylnaphthalene	12.488	142	5975	0.340	ng/ul	100
10) Acenaphthylene	14.170	152	8390	0.336	ng/ul	99
11) Acenaphthene	14.512	153	6515	0.316	ng/ul	99
12) Fluorene	15.507	166	7641	0.339	ng/ul	99
14) Pentachlorophenol	16.863	266	1968	1.160	ng/ul	98
15) Phenanthrene	17.243	178	13439	0.342	ng/ul	98
16) Anthracene	17.336	178	11736	0.385	ng/ul	98
19) Fluoranthene	19.272	202	15101	0.376	ng/ul	100
20) Pyrene	19.635	202	15732	0.379	ng/ul	95
21) Benzo(a)anthracene	21.392	228	12344	0.416	ng/ul	99
22) Chrysene	21.444	228	12968	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.037	252	11580	0.348	ng/ul	97
25) Benzo(k)fluoranthene	23.084	252	11333	0.323	ng/ul	98
26) Benzo(a)pyrene	23.645	252	10622	0.350	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.169	276	10278	0.283	ng/ul	99
28) Dibenzo(a,h)anthracene	26.185	278	8361	0.292	ng/ul	97
29) Benzo(g,h,i)perylene	26.907	276	9003	0.278	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080822\
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Sample : N4069-08MS
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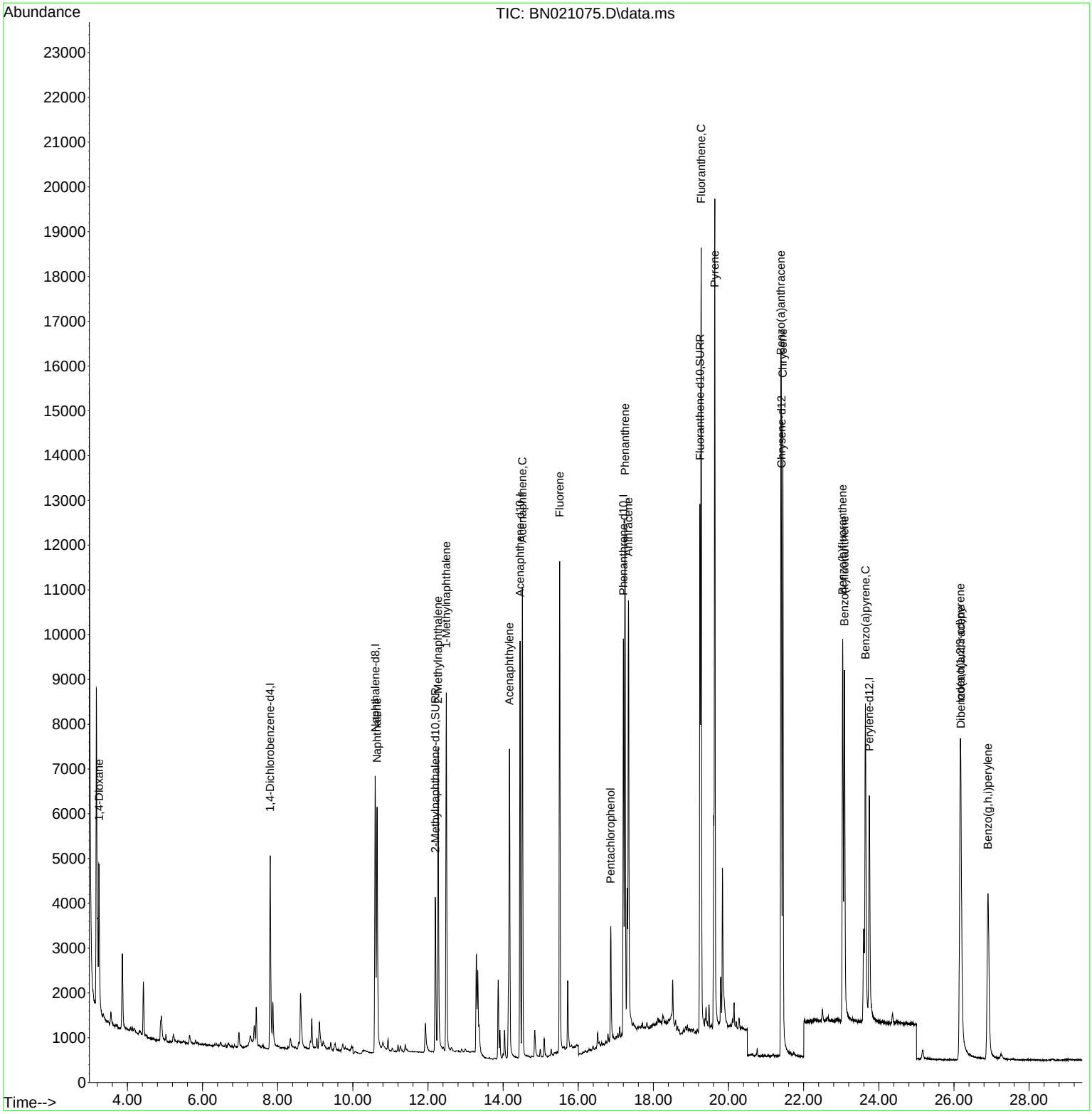
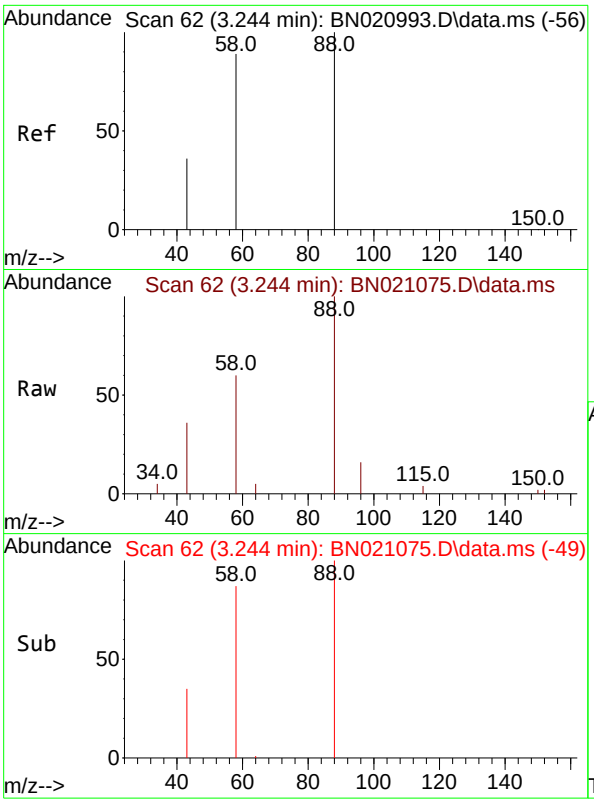
Quant Time: Aug 08 23:12:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:08:49 2022
Response via : Initial Calibration



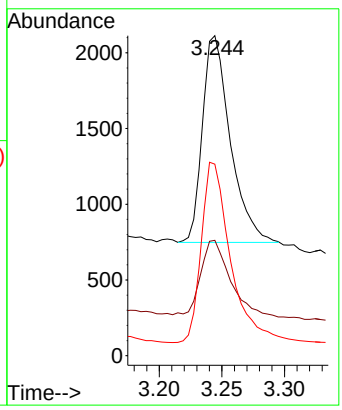


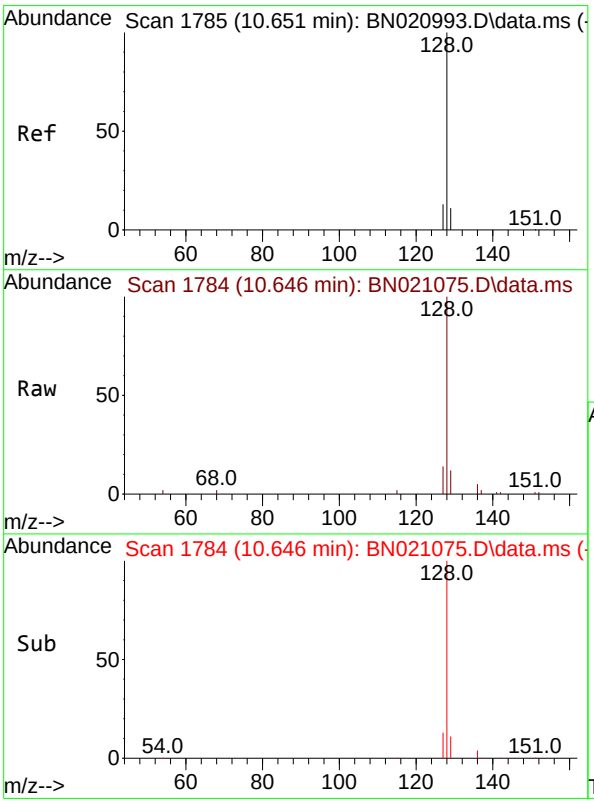
#2
1,4-Dioxane
Concen: 0.580 ng/ul
RT: 3.244 min Scan# 6
Delta R.T. 0.004 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2112

Ion	Ratio	Lower	Upper
88	100		
43	36.1	31.4	47.0
58	59.9	49.0	73.6

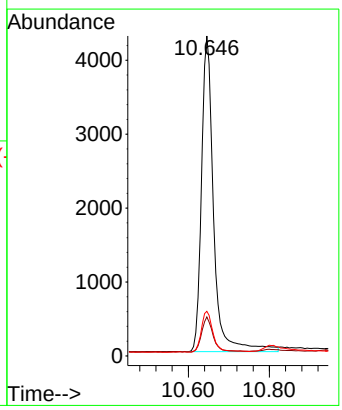


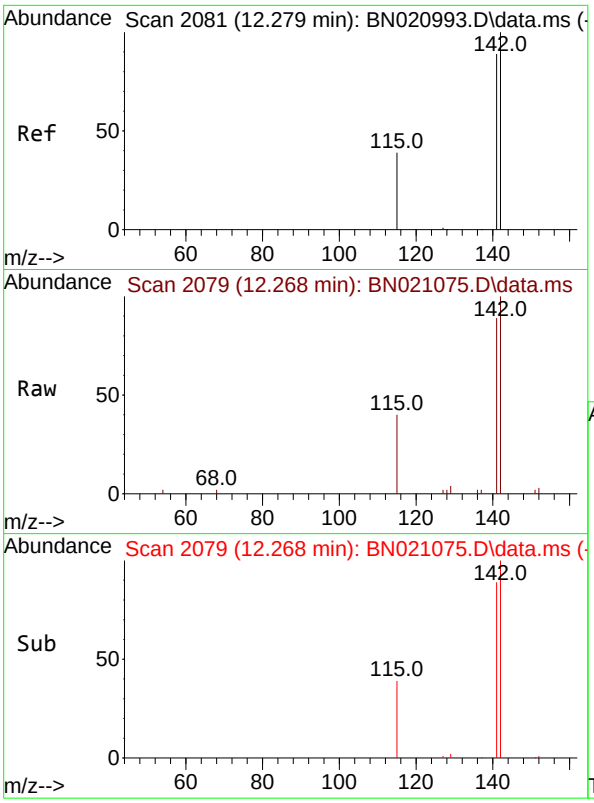


#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.646 min Scan# 1784
Delta R.T. 0.012 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:128 Resp: 8905

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.0	11.6	17.4



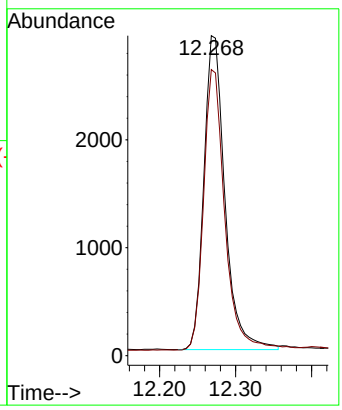


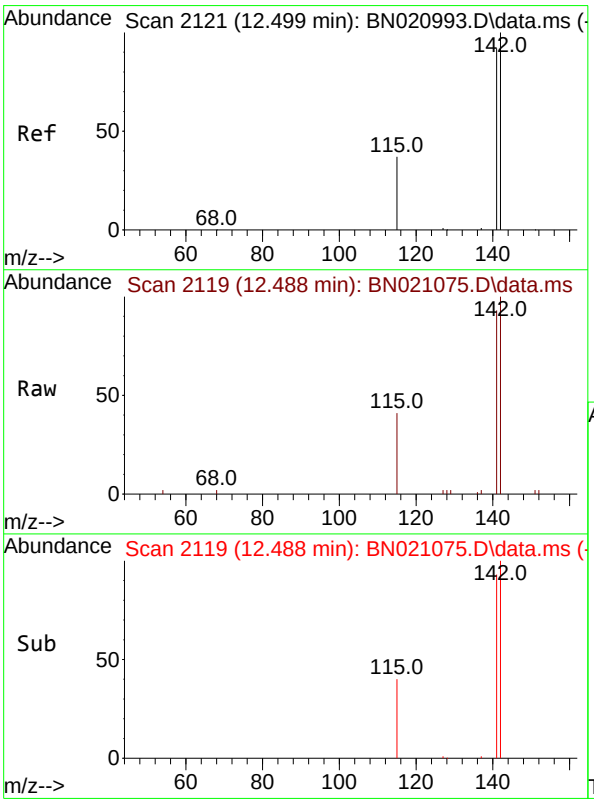
#7
2-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.268 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 5619

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.2	108.2

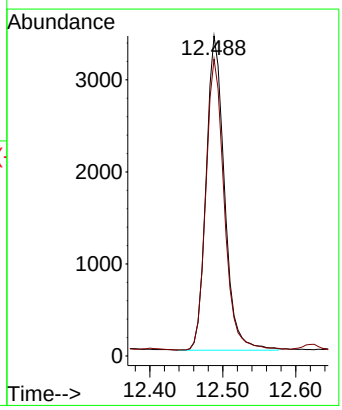


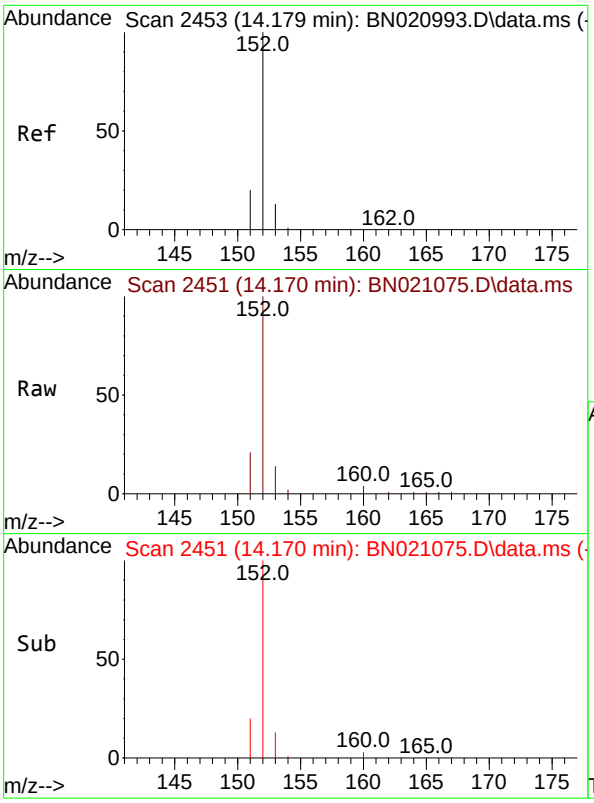


#8
1-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. 0.007 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:142 Resp: 5975

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9



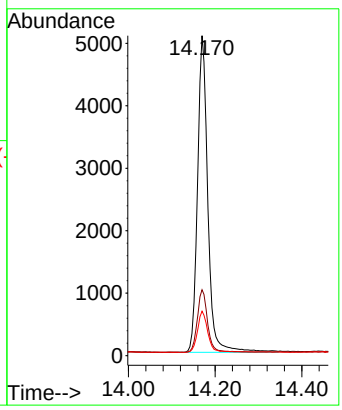


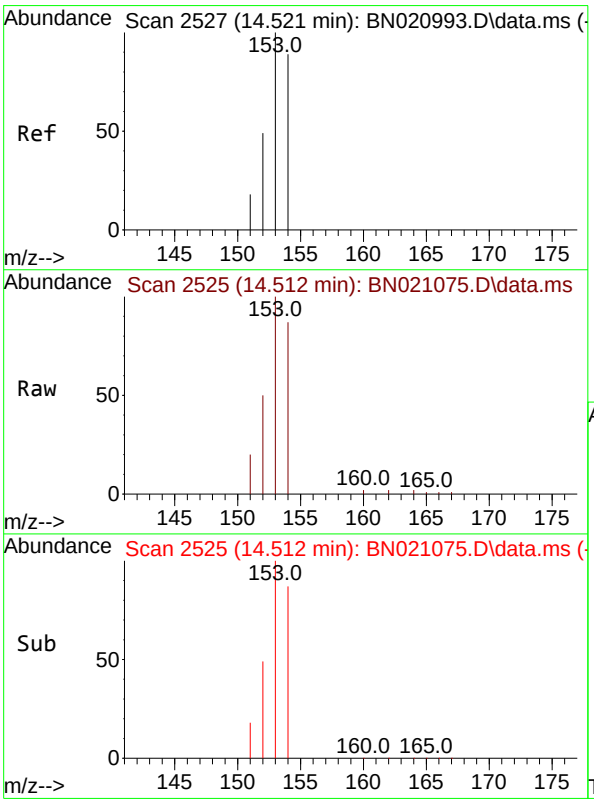
#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.170 min Scan# 24
Delta R.T. 0.006 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8390

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.9	11.2	16.8

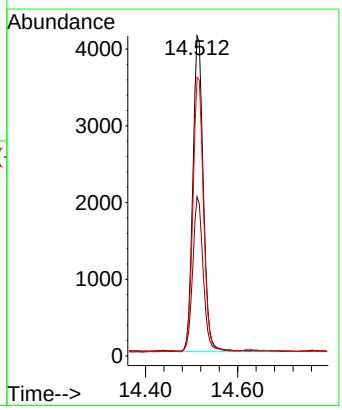


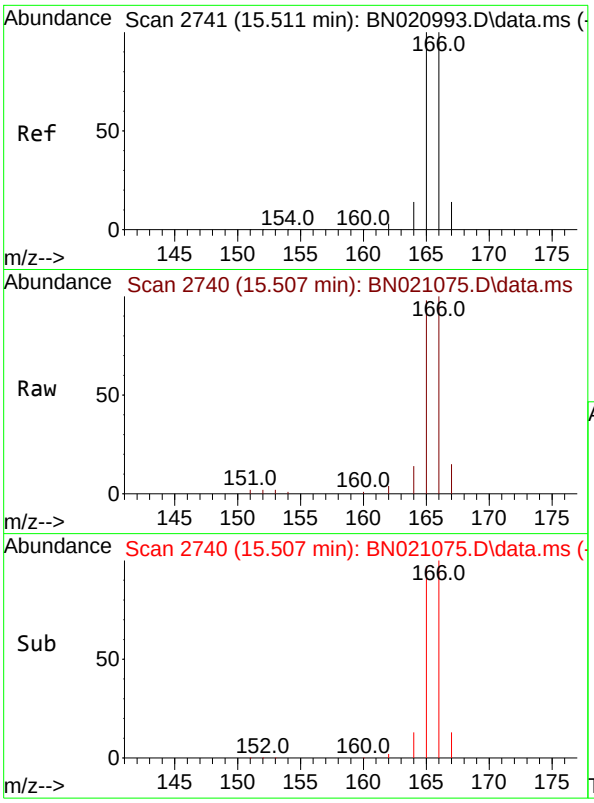


#11
Acenaphthene
Concen: 0.316 ng/ul
RT: 14.512 min Scan# 2525
Delta R.T. 0.006 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:153 Resp: 6515

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.2	60.4
154	87.1	70.7	106.1



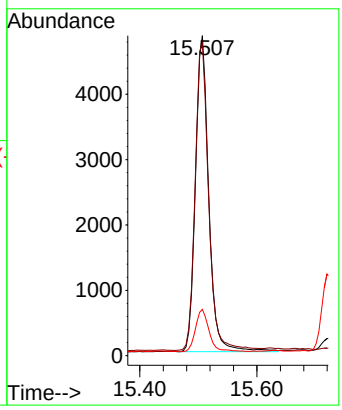


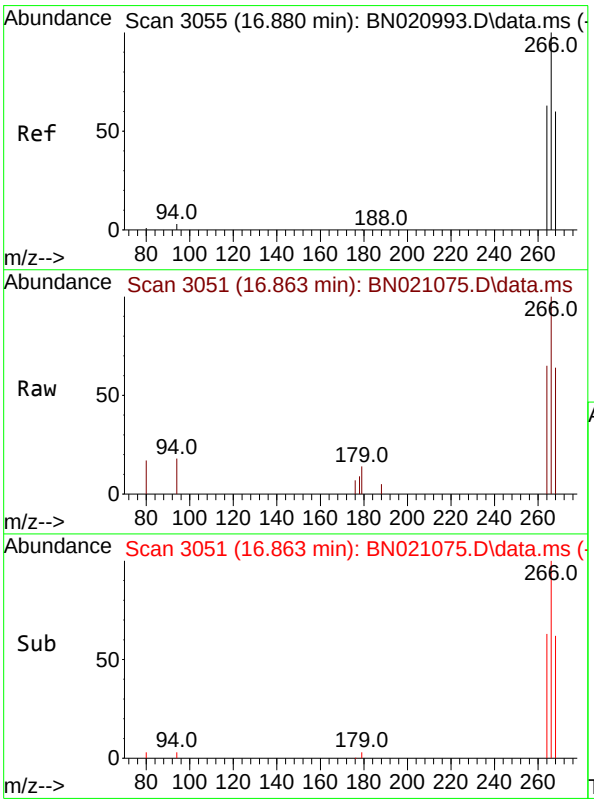
#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.507 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 7641

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	117.8
167	14.5	11.8	17.6

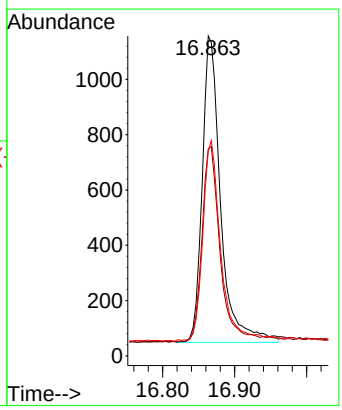


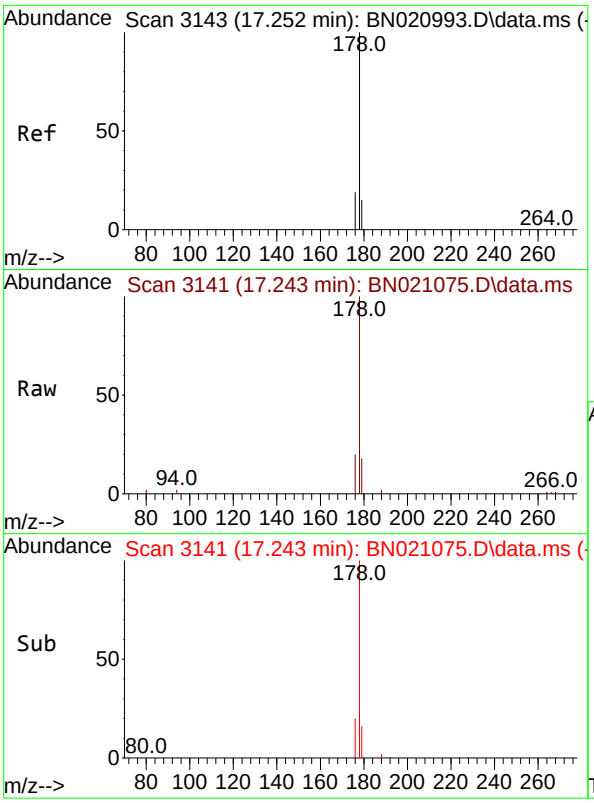


#14
Pentachlorophenol
Concen: 1.160 ng/ul
RT: 16.863 min Scan# 3051
Delta R.T. -0.007 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:266 Resp: 1968

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.8	74.8
268	64.4	50.6	75.8



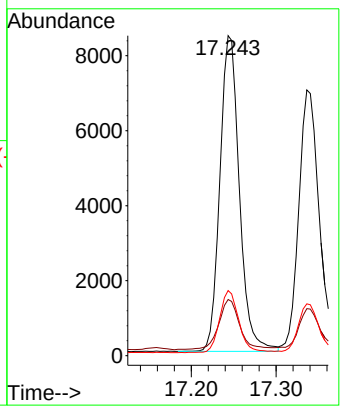


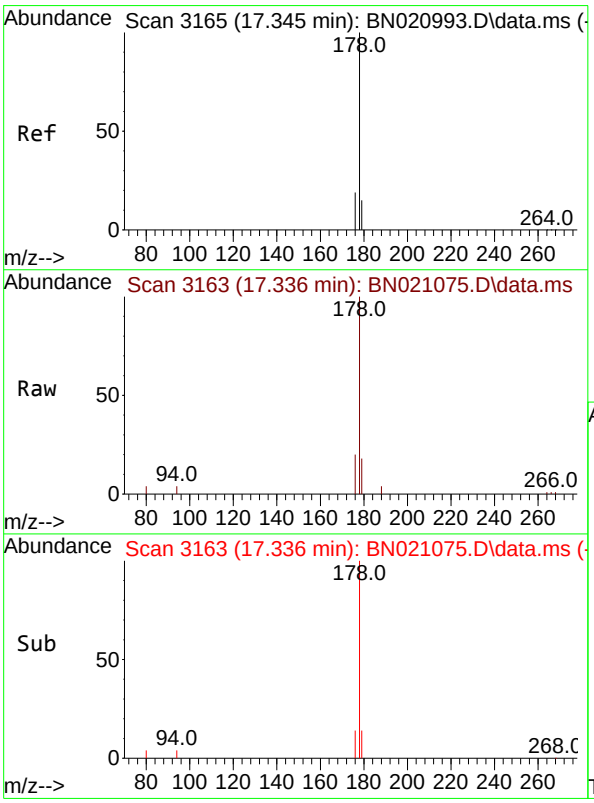
#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.243 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 13439

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.8	19.2
176	20.4	15.9	23.9

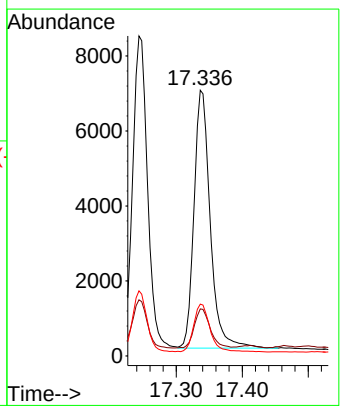


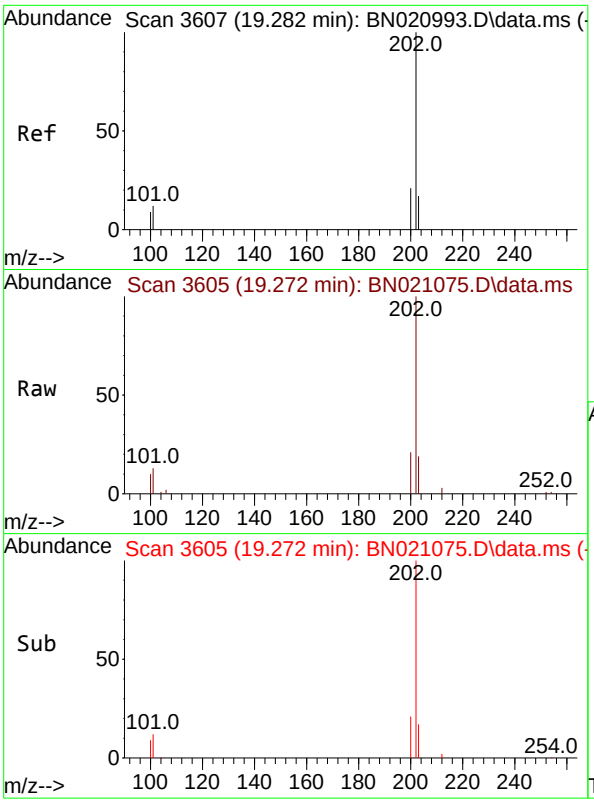


#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.336 min Scan# 3163
Delta R.T. 0.001 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:178 Resp: 11736

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.9	19.3
176	19.5	15.9	23.9



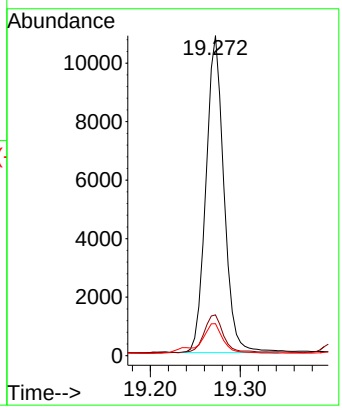


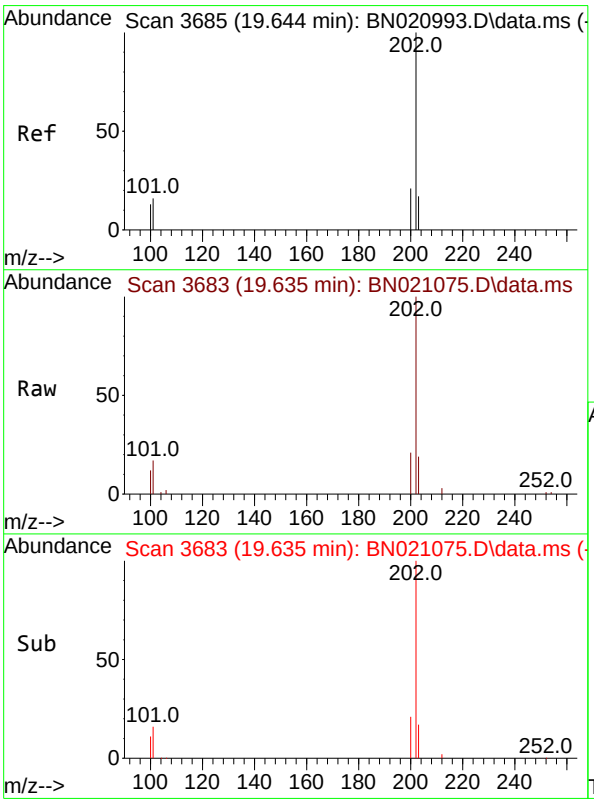
#19
Fluoranthene
Concen: 0.376 ng/ul
RT: 19.272 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 15101

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.0	15.0
100	10.0	8.0	12.0

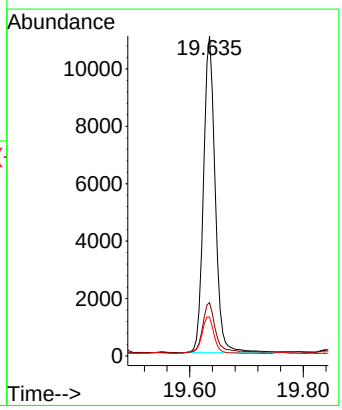


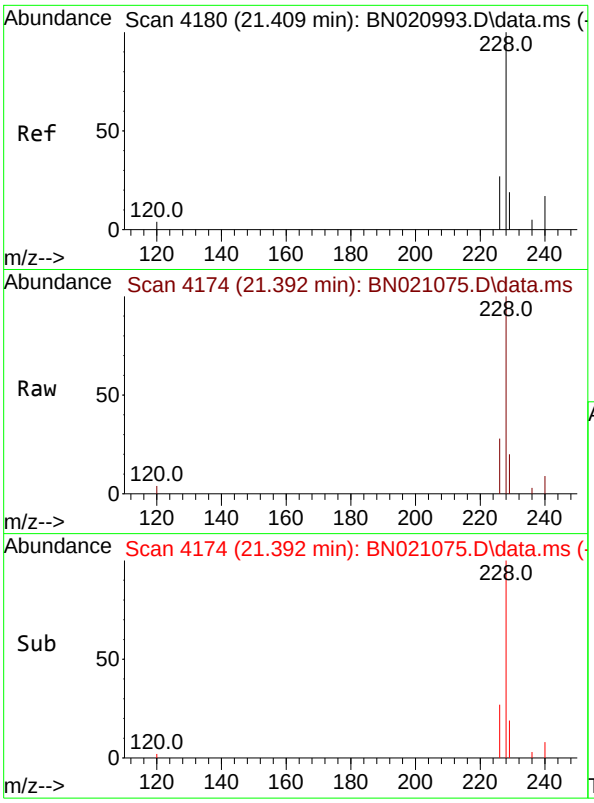


#20
Pyrene
Concen: 0.379 ng/ul
RT: 19.635 min Scan# 3683
Delta R.T. -0.003 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:202 Resp: 15732

Ion	Ratio	Lower	Upper
202	100		
101	16.7	11.3	16.9
100	12.1	9.0	13.4



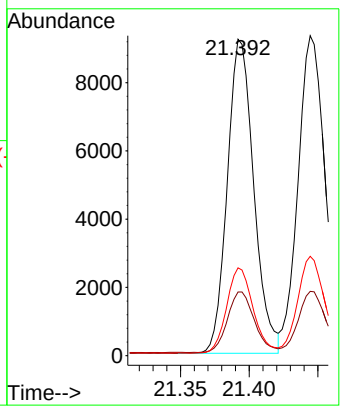


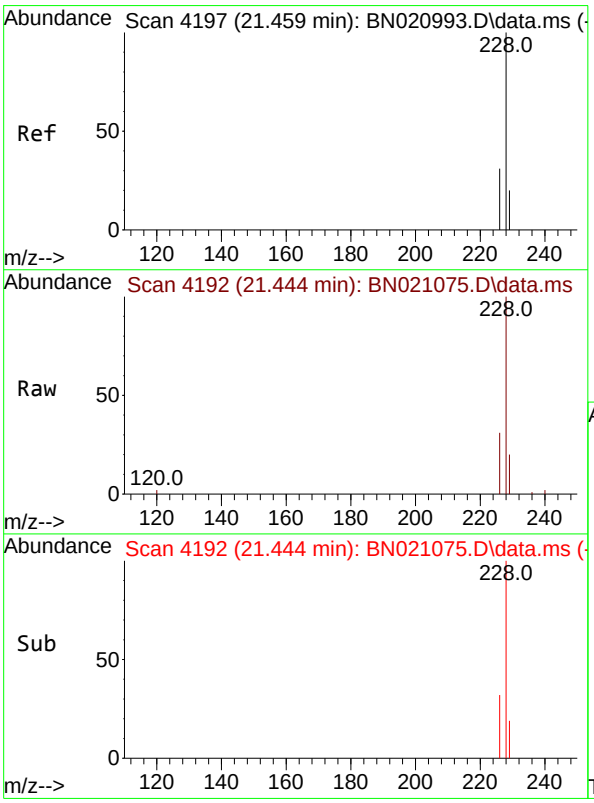
#21
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.392 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12344

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.0	24.0
226	27.8	21.9	32.9

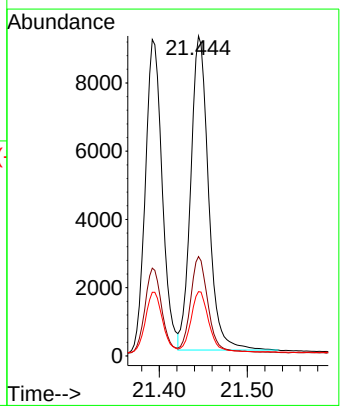


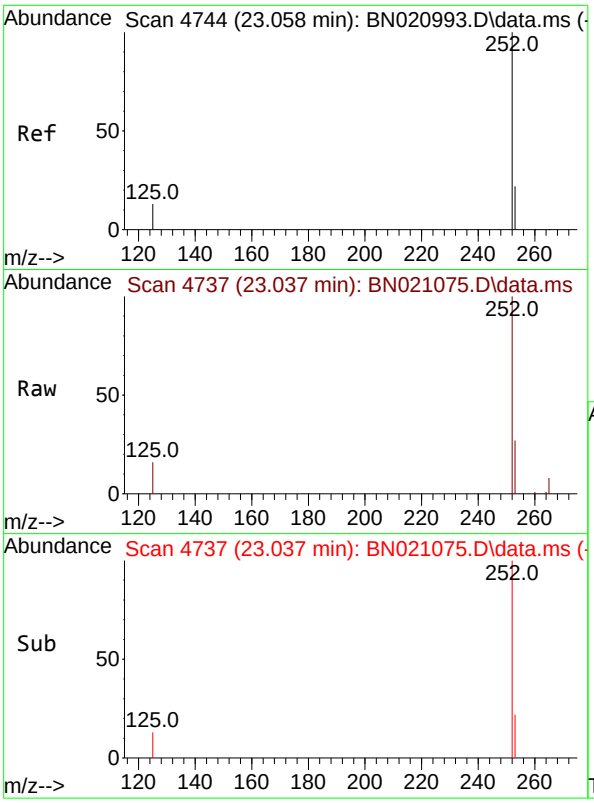


#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.444 min Scan# 4192
Delta R.T. -0.015 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:228 Resp: 12968

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	20.1	15.8	23.8



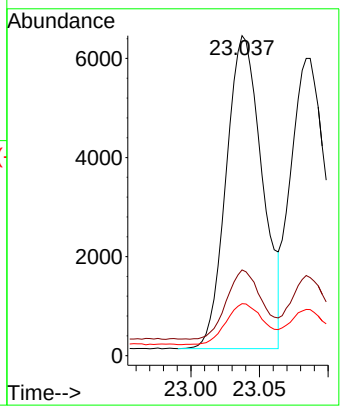


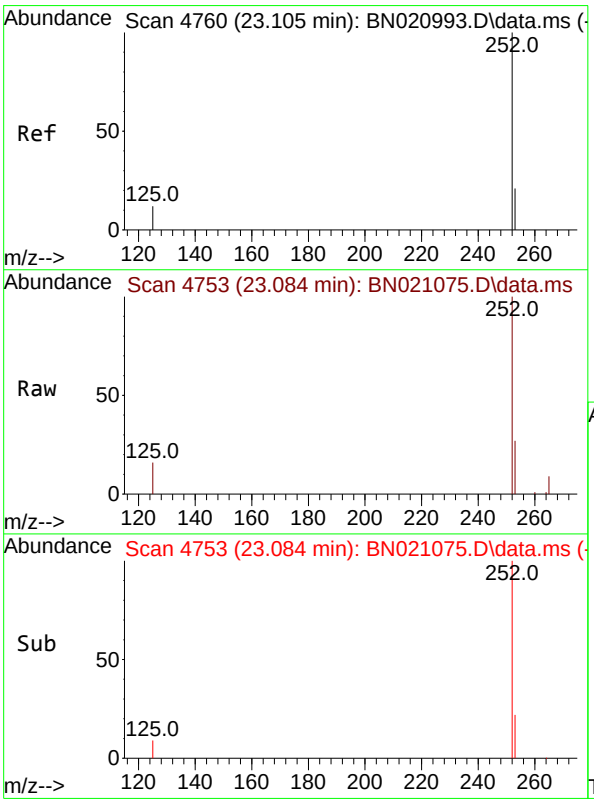
#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.037 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11580

Ion	Ratio	Lower	Upper
252	100		
253	26.8	0.0	50.8
125	16.3	0.0	30.0

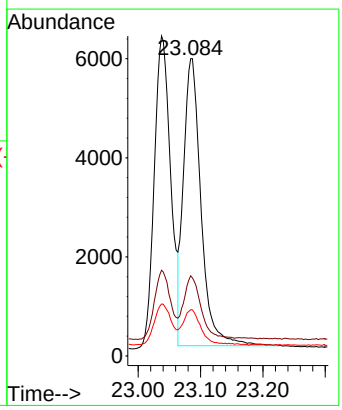


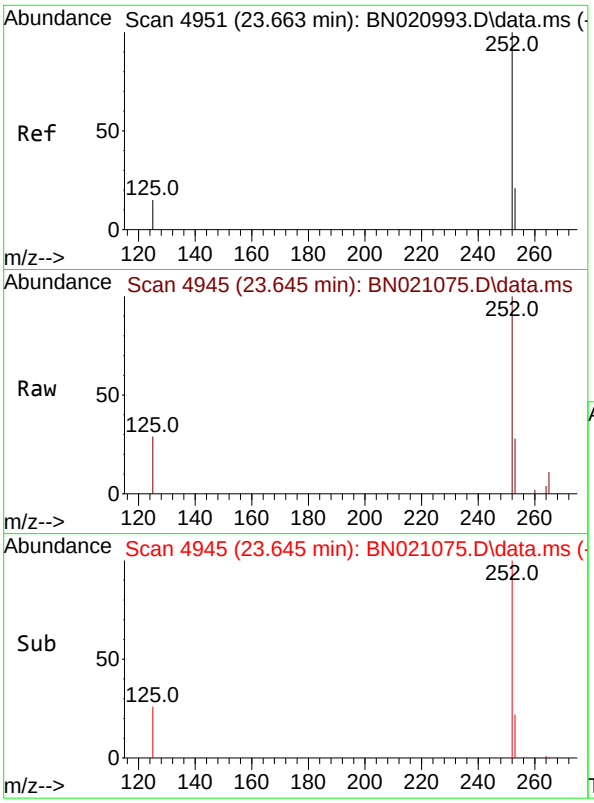


#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 23.084 min Scan# 4753
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:252 Resp: 11333

Ion	Ratio	Lower	Upper
252	100		
253	27.0	20.6	31.0
125	15.6	11.8	17.6



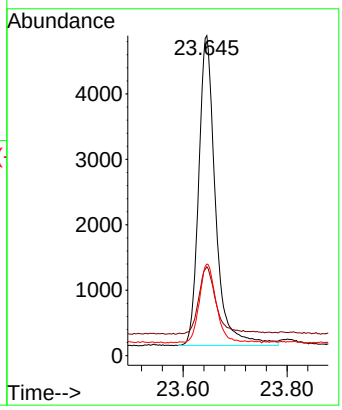


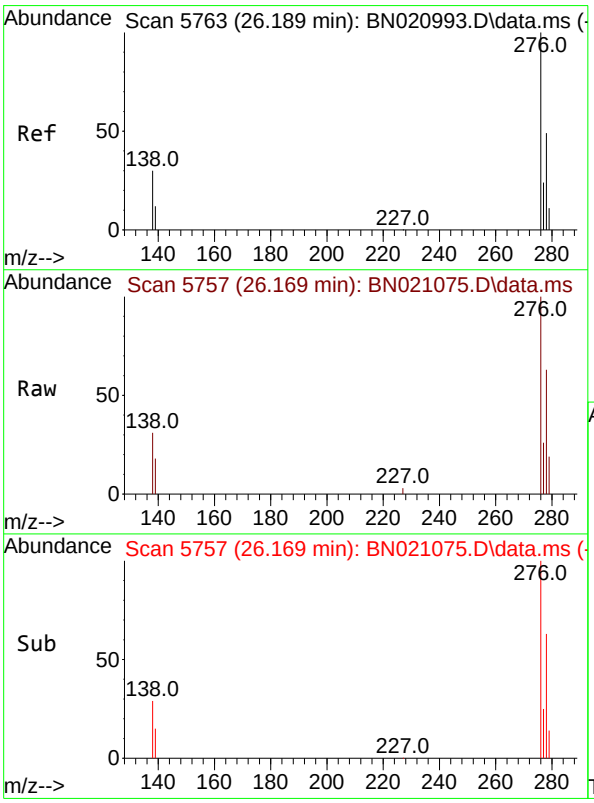
#26
Benzo(a)pyrene
Concen: 0.350 ng/ul
RT: 23.645 min Scan# 4
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10622

Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.1	33.1
125	28.6	14.7	22.1#

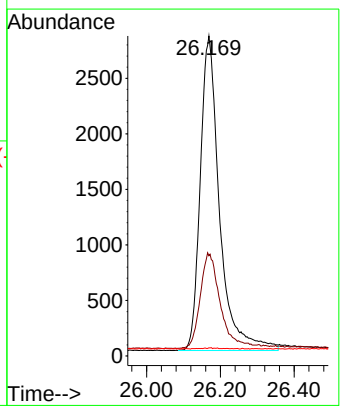


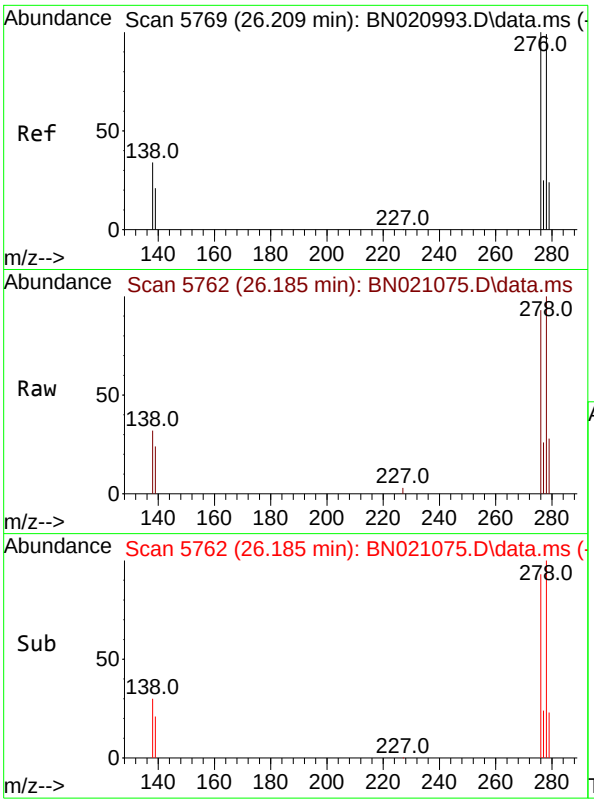


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.169 min Scan# 5757
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:276 Resp: 10278

Ion	Ratio	Lower	Upper
276	100		
138	31.8	26.1	39.1
227	0.1	0.1	0.1



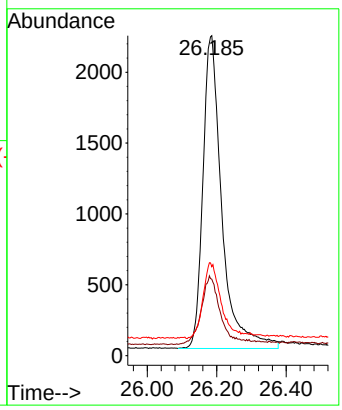


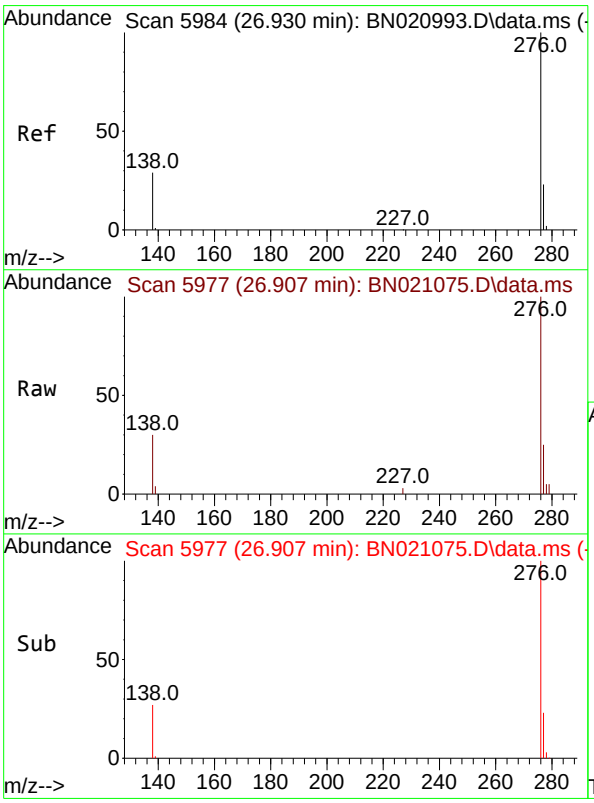
#28
Dibenzo(a,h)anthracene
Concen: 0.292 ng/ul
RT: 26.185 min Scan# 5
Delta R.T. -0.023 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8361

Ion	Ratio	Lower	Upper
278	100		
139	23.9	18.3	27.5
279	27.8	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.278 ng/ul
RT: 26.907 min Scan# 5977
Delta R.T. -0.020 min
Lab File: BN021075.D
Acq: 08 Aug 2022 22:07

Tgt Ion:276 Resp: 9003

Ion	Ratio	Lower	Upper
276	100		
138	29.5	22.6	34.0
277	25.4	20.2	30.2