Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
Data File : BN021338.D
Acq On : 23 Aug 2022 21:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 24 01:01:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 18:06:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2664	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	8205	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	4452	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	9494	0.400	ng/ul	0.00
17) Chrysene-d12	21.685	240	9256	0.400	ng/ul	# 0.00
23) Perylene-d12	24.217	264	7792	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	1296	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	5045	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	10342	0.363	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	1369	0.380	ng/ul	95
5) Naphthalene	10.977	128	9196	0.354	ng/ul	98
7) 2-Methylnaphthalene	12.588	142	5836	0.359	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	6240	0.409	ng/ul	99
10) Acenaphthylene	14.472	152	7814	0.340	ng/ul	99
11) Acenaphthene	14.809	153	6173	0.351	ng/ul	99
12) Fluorene	15.795	166	6884	0.350	ng/ul	99
14) Pentachlorophenol	17.143	266	480	0.458	ng/ul	98
15) Phenanthrene	17.540	178	12051	0.342	ng/ul	99
16) Anthracene	17.633	178	9661	0.343	ng/ul	99
19) Fluoranthene	19.552	202	13685	0.312	ng/ul	98
20) Pyrene	19.915	202	13591	0.309	ng/ul	97
21) Benzo(a)anthracene	21.668	228	10787	0.336	ng/ul	100
22) Chrysene	21.723	228	14337	0.348	ng/ul	99
24) Benzo(b)fluoranthene	23.436	252	12741	0.381	ng/ul	98
25) Benzo(k)fluoranthene	23.486	252	12837	0.356	ng/ul	96
26) Benzo(a)pyrene	24.103	252	10813	0.343	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.894	276	13863	0.374	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.918	278	11652	0.383	ng/ul	94
29) Benzo(g,h,i)perylene	27.709	276	13033	0.354	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
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BNA_N
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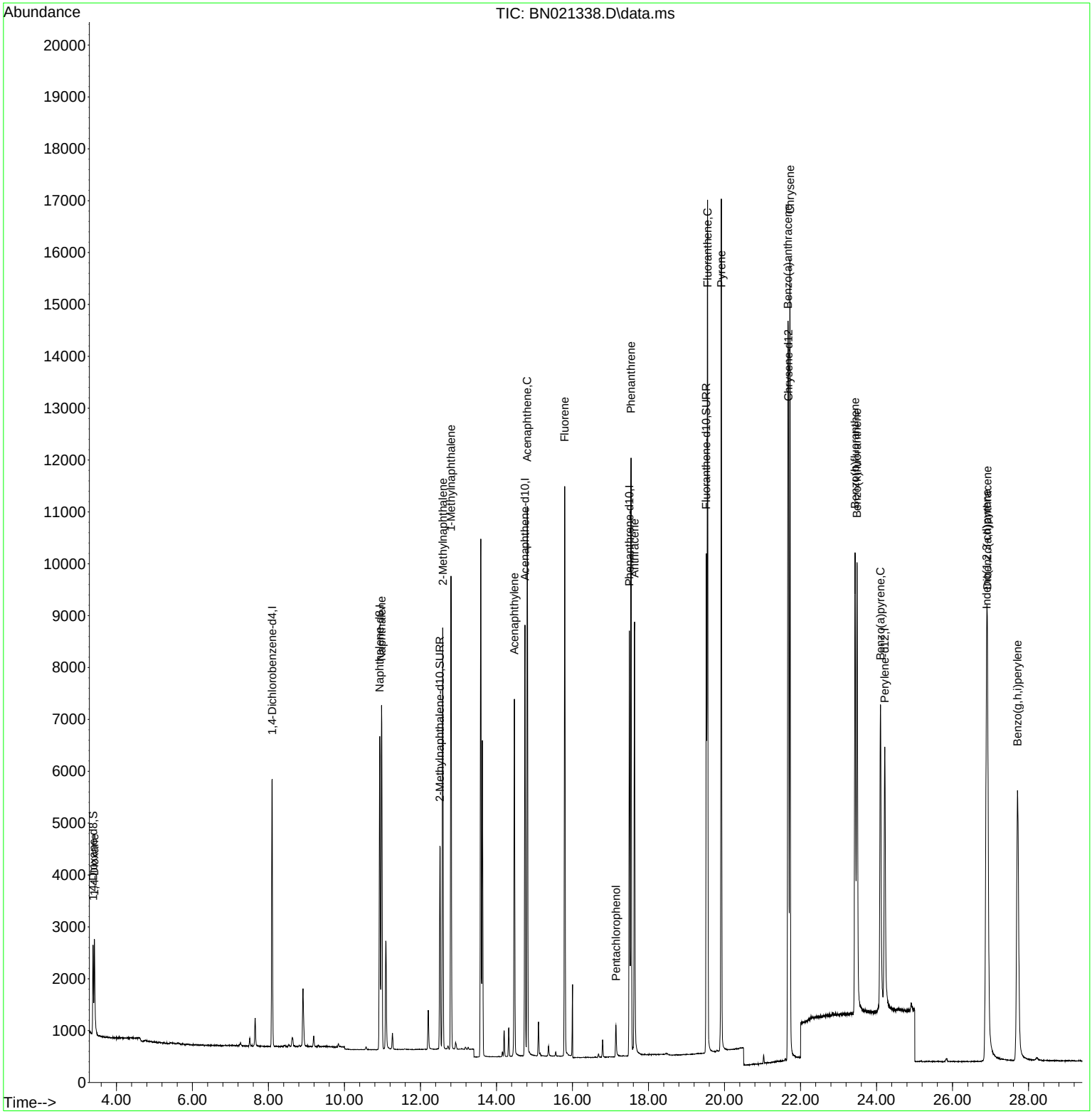
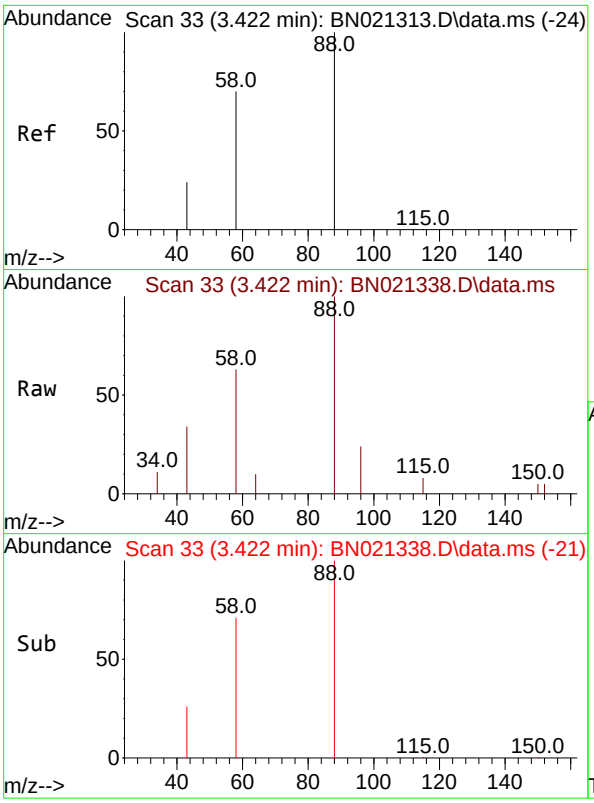
Quant Time: Aug 24 01:01:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 18:06:52 2022
Response via : Initial Calibration



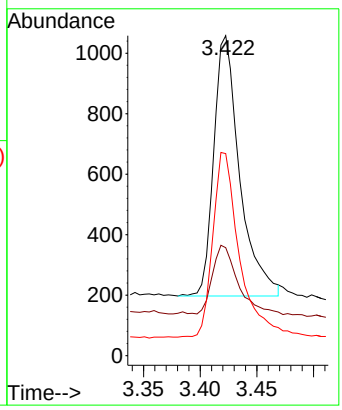


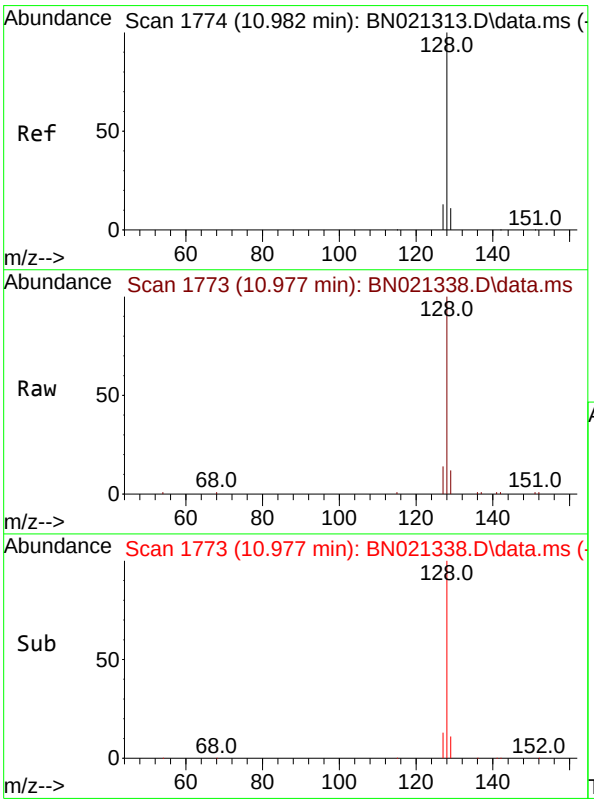
#2
1,4-Dioxane
Concen: 0.380 ng/ul
RT: 3.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1369

Ion	Ratio	Lower	Upper
88	100		
43	33.7	31.4	47.0
58	63.1	49.0	73.6

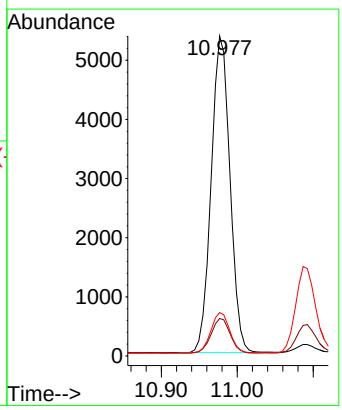


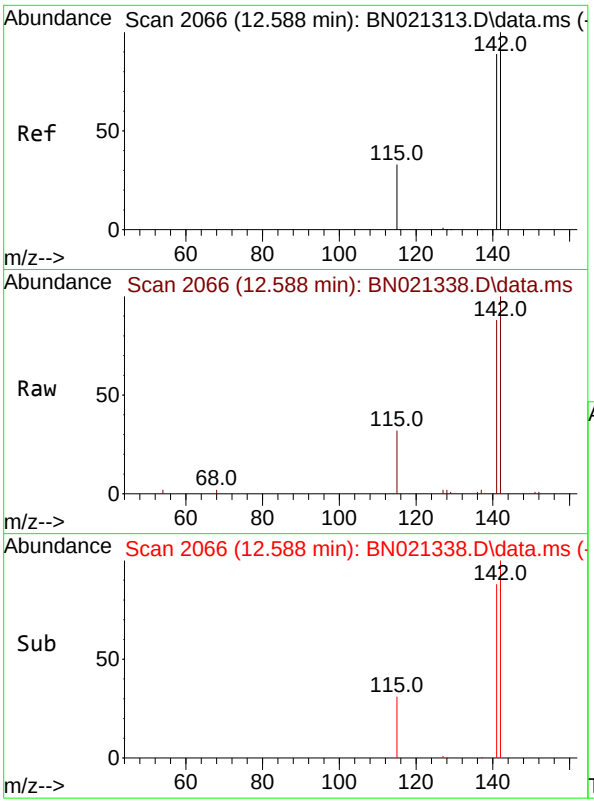


#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.977 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:128 Resp: 9196

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.5	11.6	17.4



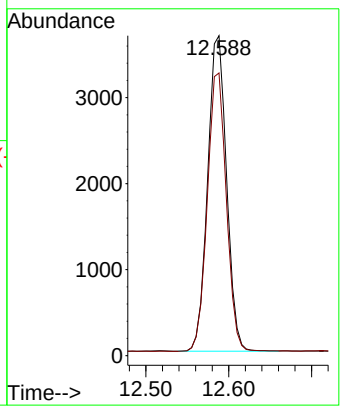


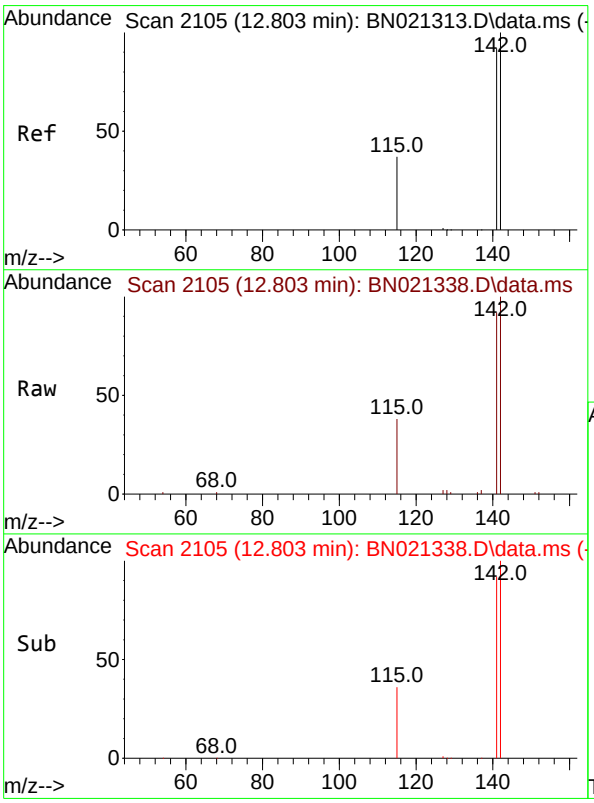
#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.588 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 5836

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.2

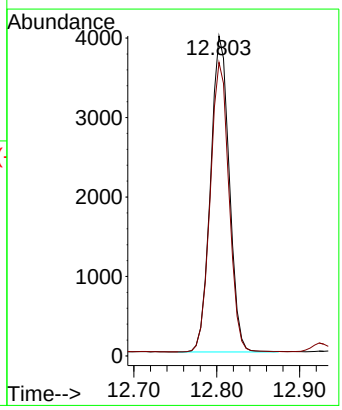


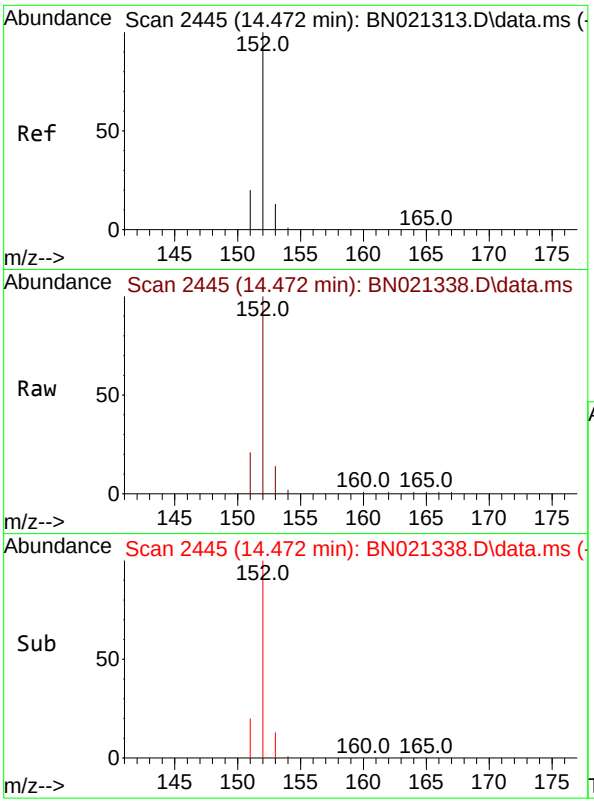


#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.803 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:142 Resp: 6240

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9



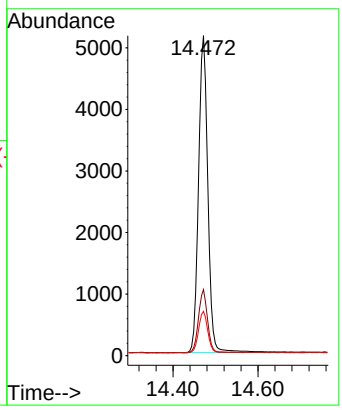


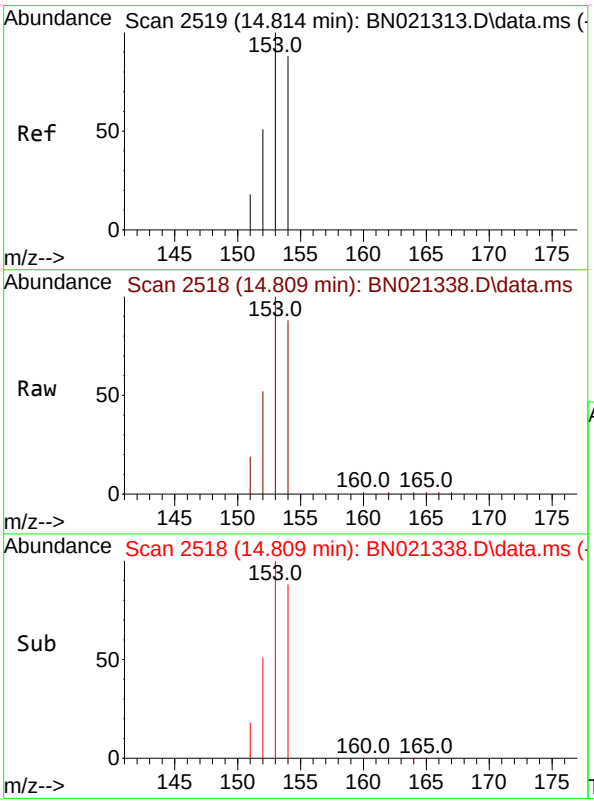
#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.472 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7814

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

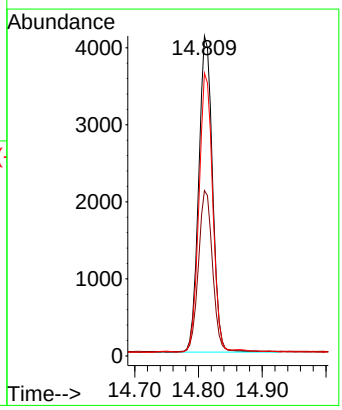


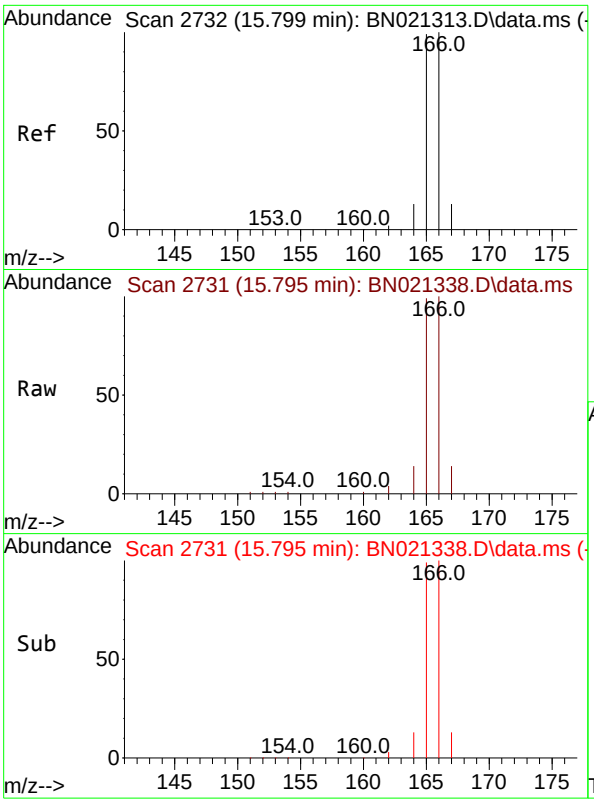


#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.809 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:153 Resp: 6173

Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.2	60.4
154	88.4	70.7	106.1



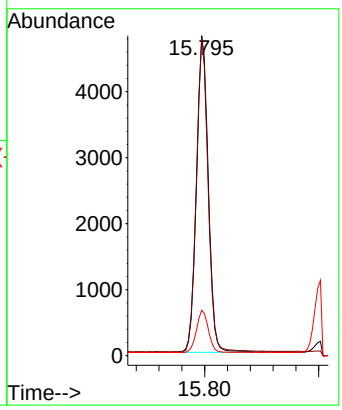


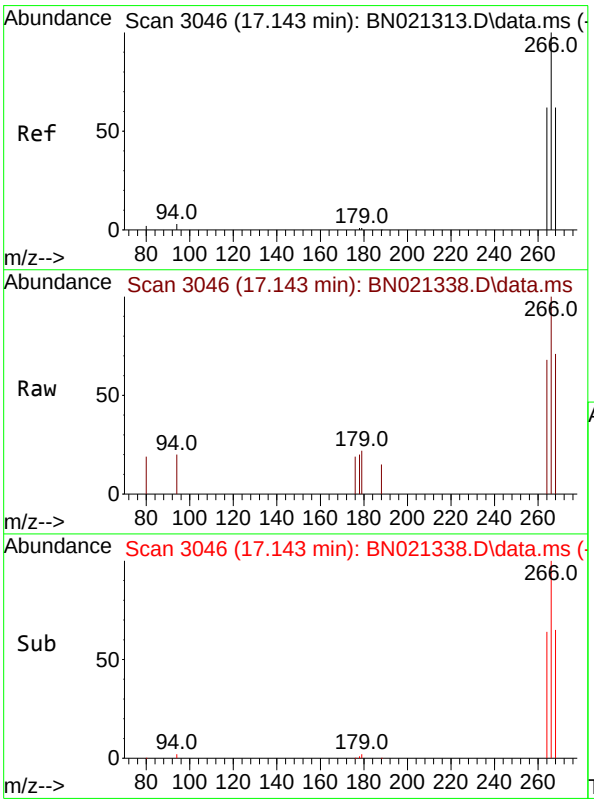
#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.795 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 6884

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	14.2	11.8	17.6

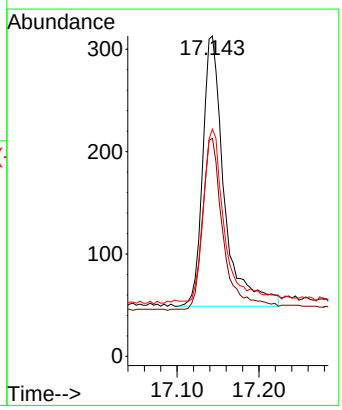


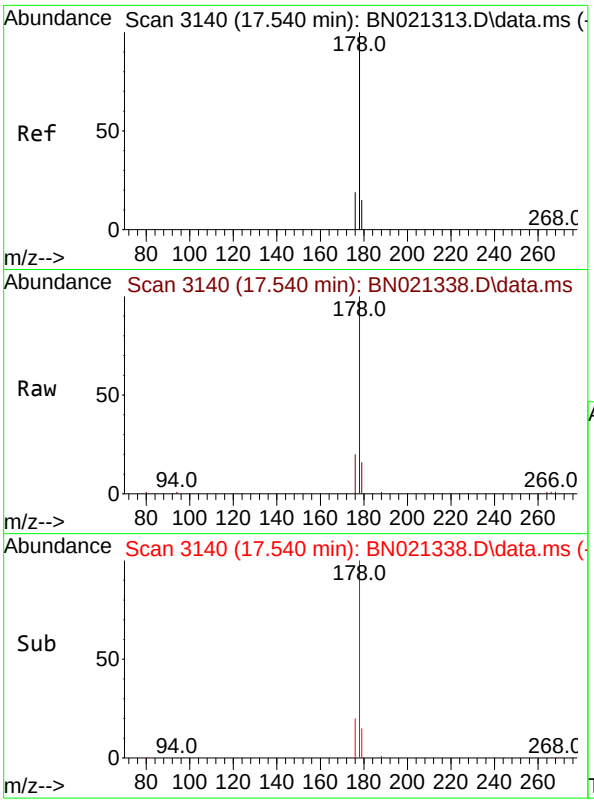


#14
Pentachlorophenol
Concen: 0.458 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:266 Resp: 480

Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.8	74.8
268	61.7	50.6	75.8



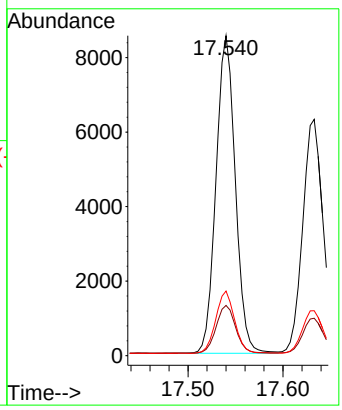


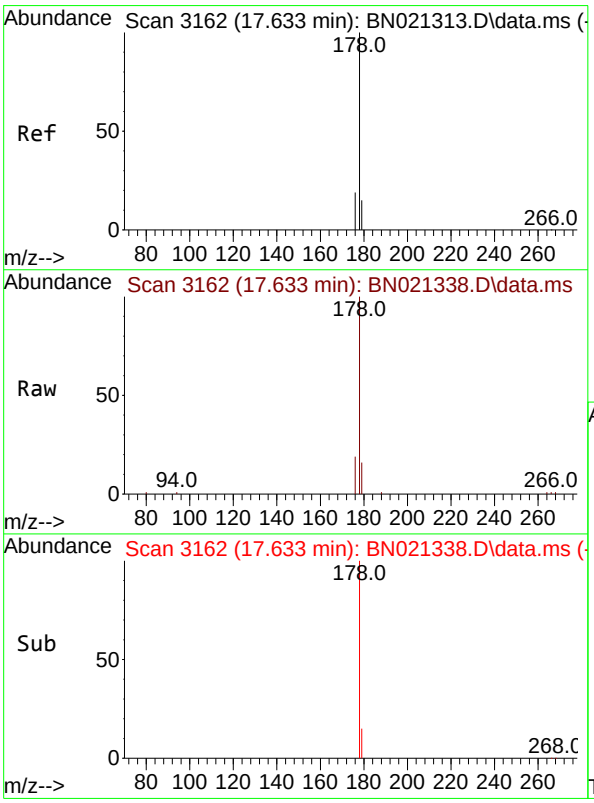
#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 17.540 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 12051

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	20.2	15.9	23.9

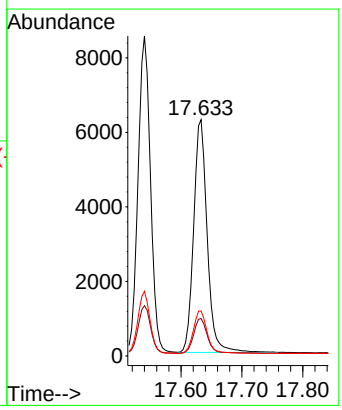


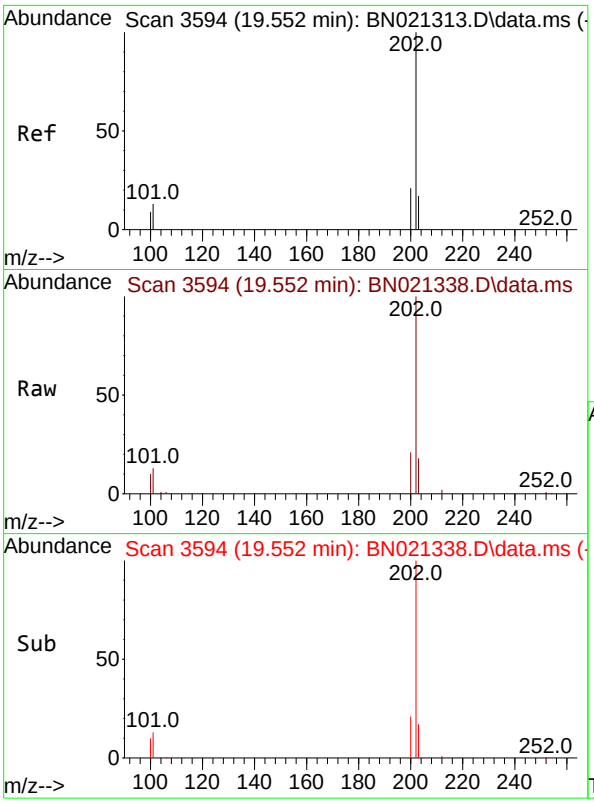


#16
Anthracene
Concen: 0.343 ng/ul
RT: 17.633 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:178 Resp: 9661

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.0	15.9	23.9



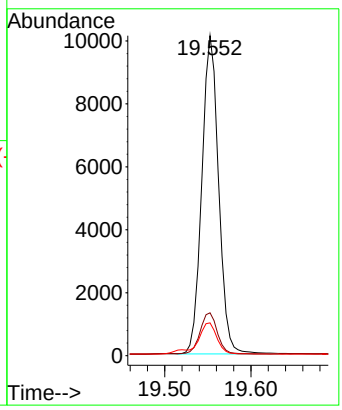


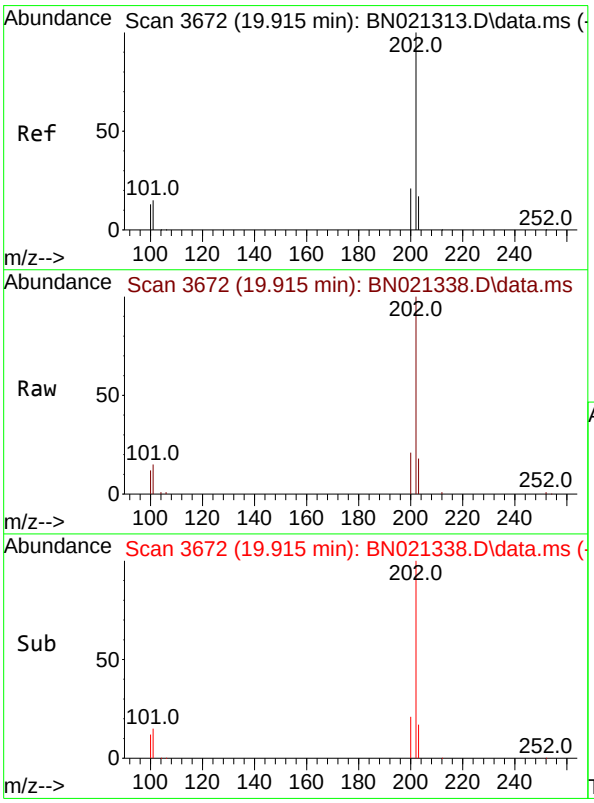
#19
Fluoranthene
Concen: 0.312 ng/ul
RT: 19.552 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 13685

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.0	15.0
100	10.3	8.0	12.0

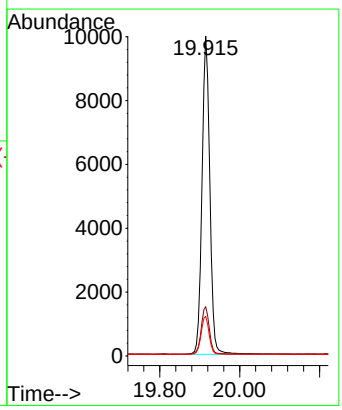


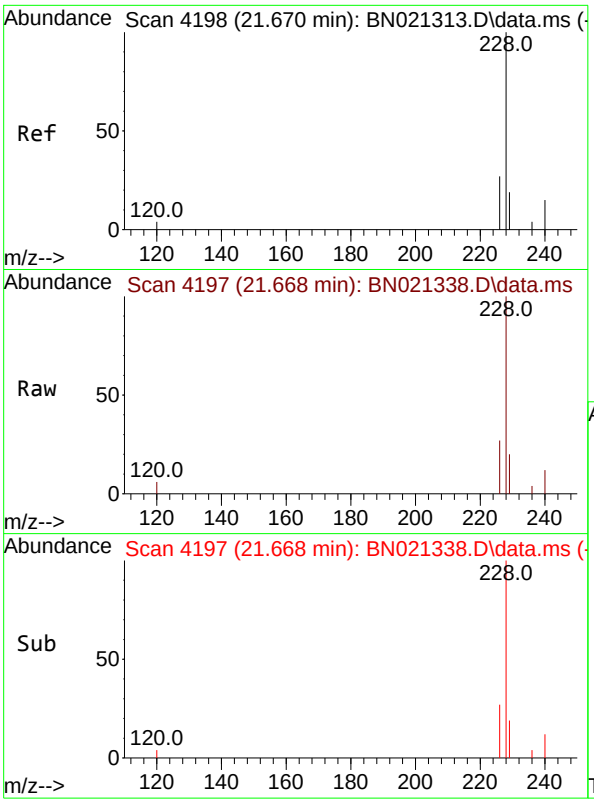


#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.915 min Scan# 3672
Delta R.T. -0.004 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:202 Resp: 13591

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.3	16.9
100	12.3	9.0	13.4



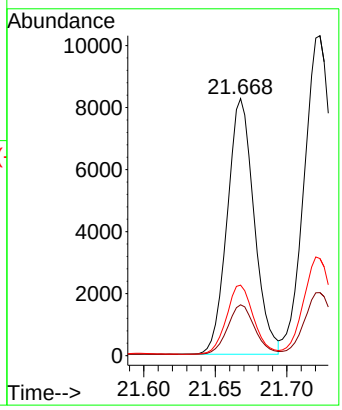


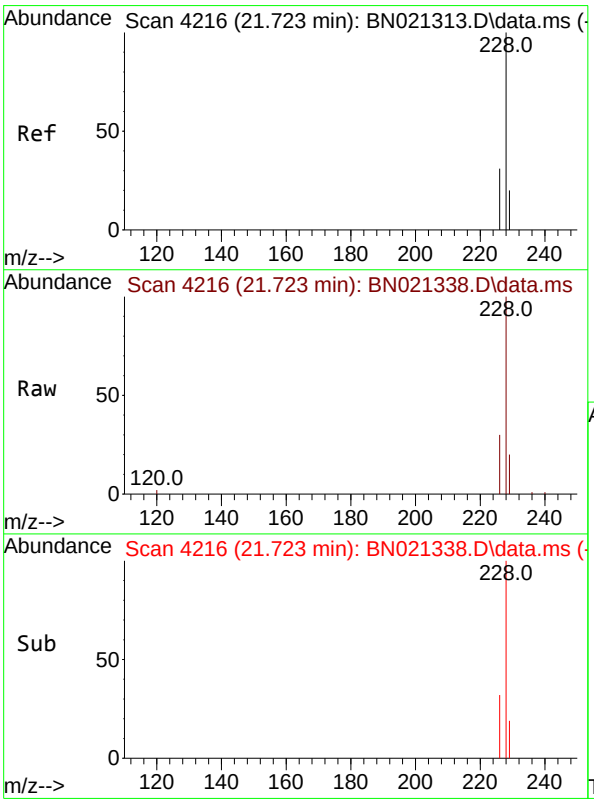
#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.668 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10787

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

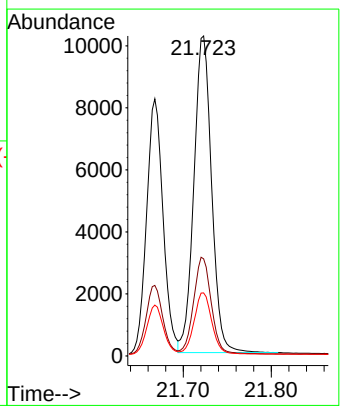


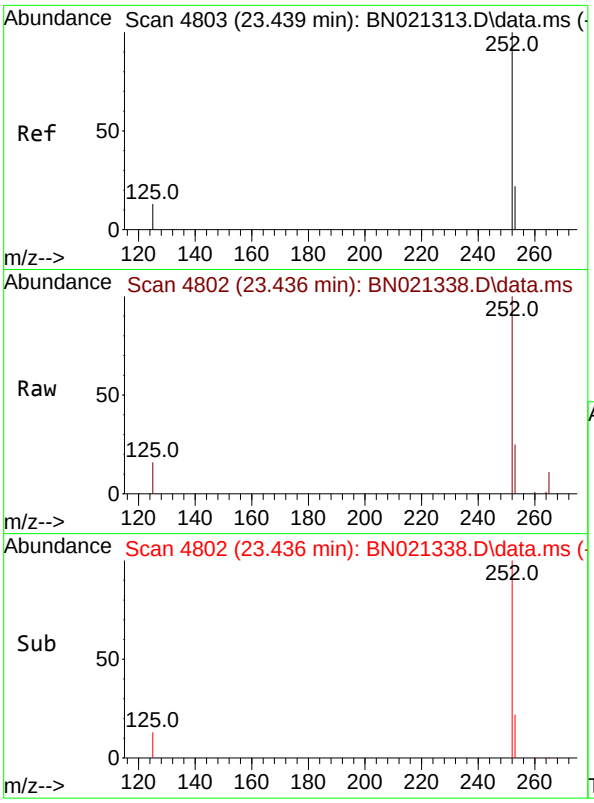


#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.723 min Scan# 4216
Delta R.T. -0.006 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:228 Resp: 14337

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.7	15.8	23.8



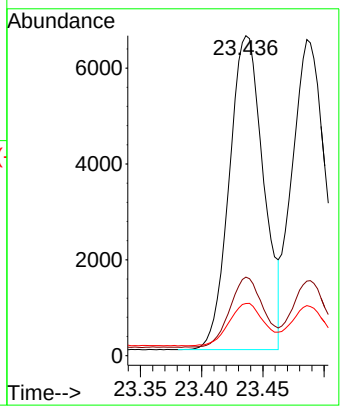


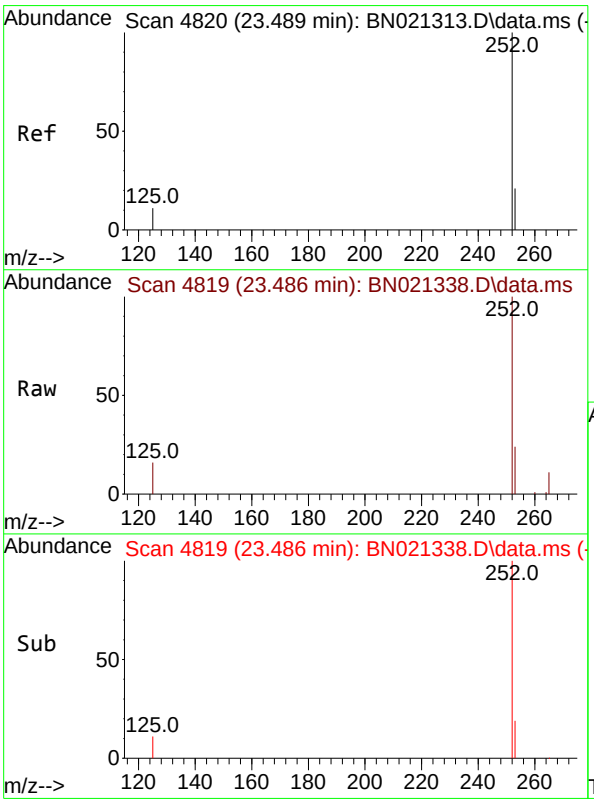
#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 23.436 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12741

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	50.8
125	16.3	0.0	30.0

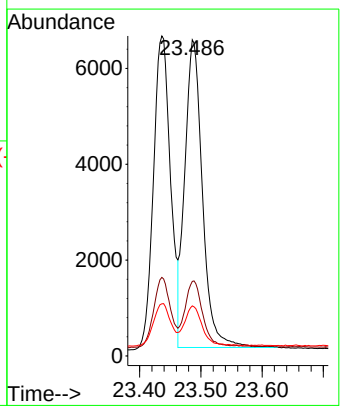


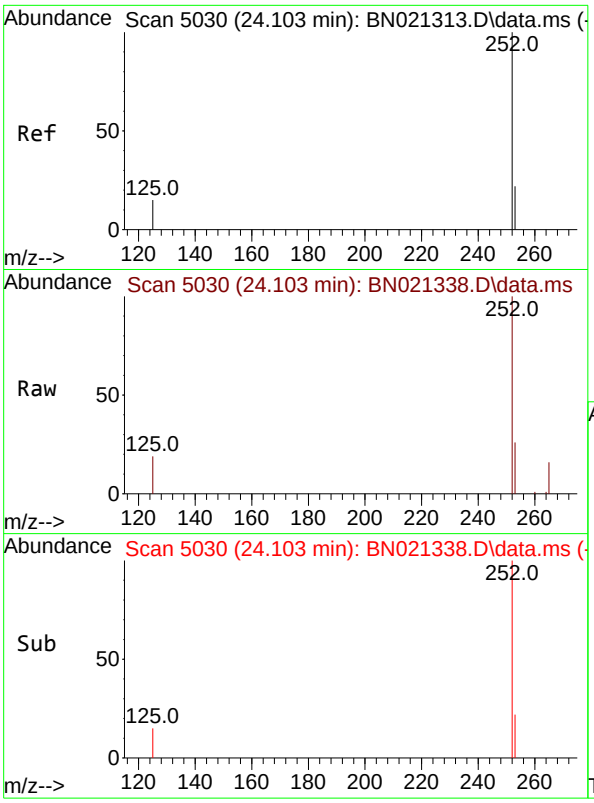


#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.486 min Scan# 4819
Delta R.T. -0.011 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:252 Resp: 12837

Ion	Ratio	Lower	Upper
252	100		
253	23.6	20.6	31.0
125	15.9	11.8	17.6



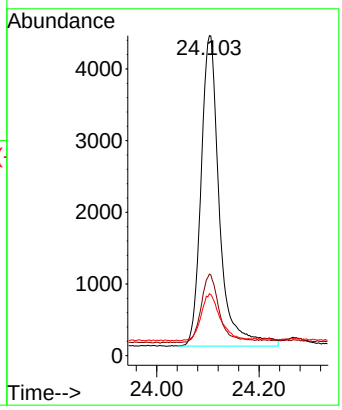


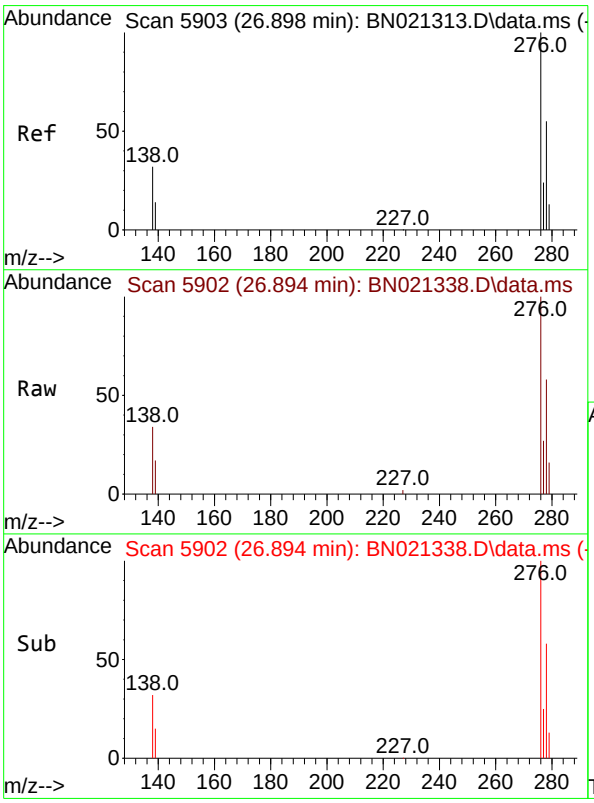
#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 24.103 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10813

Ion	Ratio	Lower	Upper
252	100		
253	25.5	22.1	33.1
125	19.3	14.7	22.1

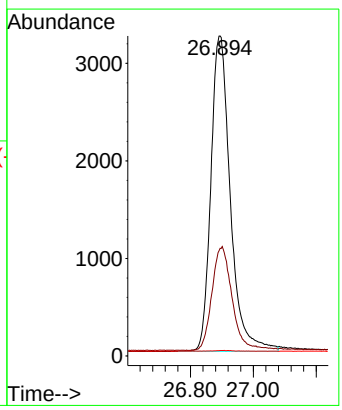


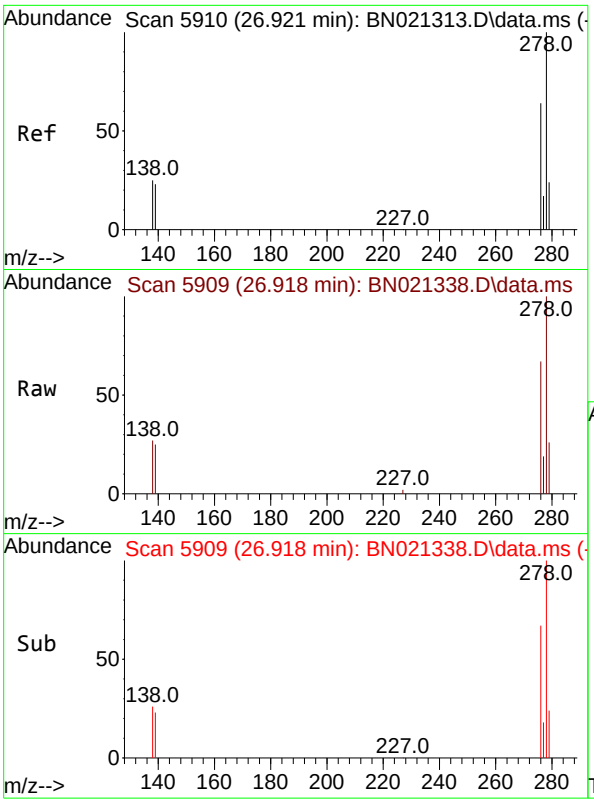


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.894 min Scan# 5902
Delta R.T. -0.010 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:276 Resp: 13863

Ion	Ratio	Lower	Upper
276	100		
138	34.2	26.1	39.1
227	0.2	0.1	0.1#



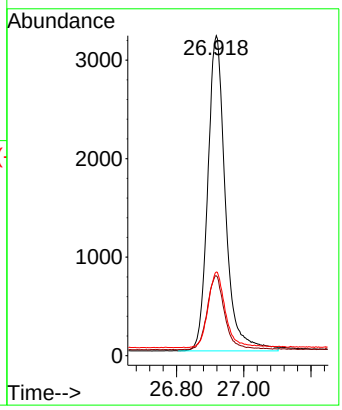


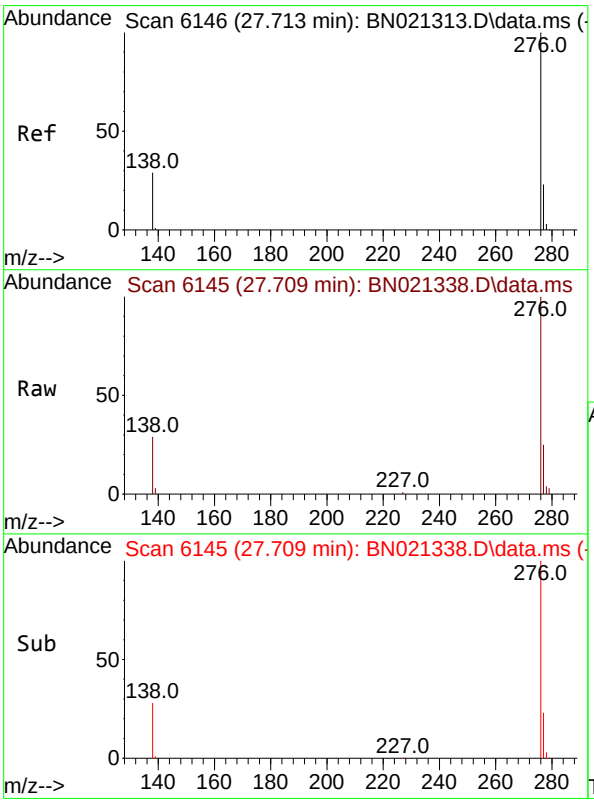
#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 26.918 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 11652

Ion	Ratio	Lower	Upper
278	100		
139	25.0	18.3	27.5
279	26.1	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 27.709 min Scan# 6145
Delta R.T. -0.013 min
Lab File: BN021338.D
Acq: 23 Aug 2022 21:08

Tgt Ion:276 Resp: 13033

Ion	Ratio	Lower	Upper
276	100		
138	29.4	22.6	34.0
277	24.8	20.2	30.2