Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019829.D
Acq On : 18 May 2022 13:55
Operator : CG/JU
Sample : N2766-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 19 03:19:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3229	0.400	ng/ul	0.00
4) Naphthalene-d8	10.638	136	10899	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.473	164	6859	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	15442	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	15603	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	13927	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	958	0.251	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	3002	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	8757	0.177	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.353	88	3680	0.907	ng/ul#	79
5) Naphthalene	10.687	128	7135	0.202	ng/ul	98
7) 2-Methylnaphthalene	12.304	142	4792	0.223	ng/ul#	100
8) 1-Methylnaphthalene	12.519	142	4984	0.250	ng/ul#	100
10) Acenaphthylene	14.191	152	6505	0.192	ng/ul	98
11) Acenaphthene	14.538	153	5331	0.196	ng/ul	99
12) Fluorene	15.518	166	6114	0.204	ng/ul	98
14) Pentachlorophenol	16.874	266	273	0.082	ng/ul	89
15) Phenanthrene	17.254	178	11845	0.209	ng/ul	99
16) Anthracene	17.347	178	9335	0.201	ng/ul	99
19) Fluoranthene	19.270	202	14173	0.198	ng/ul	98
20) Pyrene	19.633	202	14971	0.210	ng/ul	97
21) Benzo(a)anthracene	21.386	228	13350	0.229	ng/ul	99
22) Chrysene	21.438	228	15030	0.219	ng/ul	99
24) Benzo(b)fluoranthene	23.031	252	14233	0.201	ng/ul	95
25) Benzo(k)fluoranthene	23.078	252	13963	0.205	ng/ul	97
26) Benzo(a)pyrene	23.636	252	10834	0.180	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.148	276	12584	0.168	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.162	278	11171	0.178	ng/ul#	82

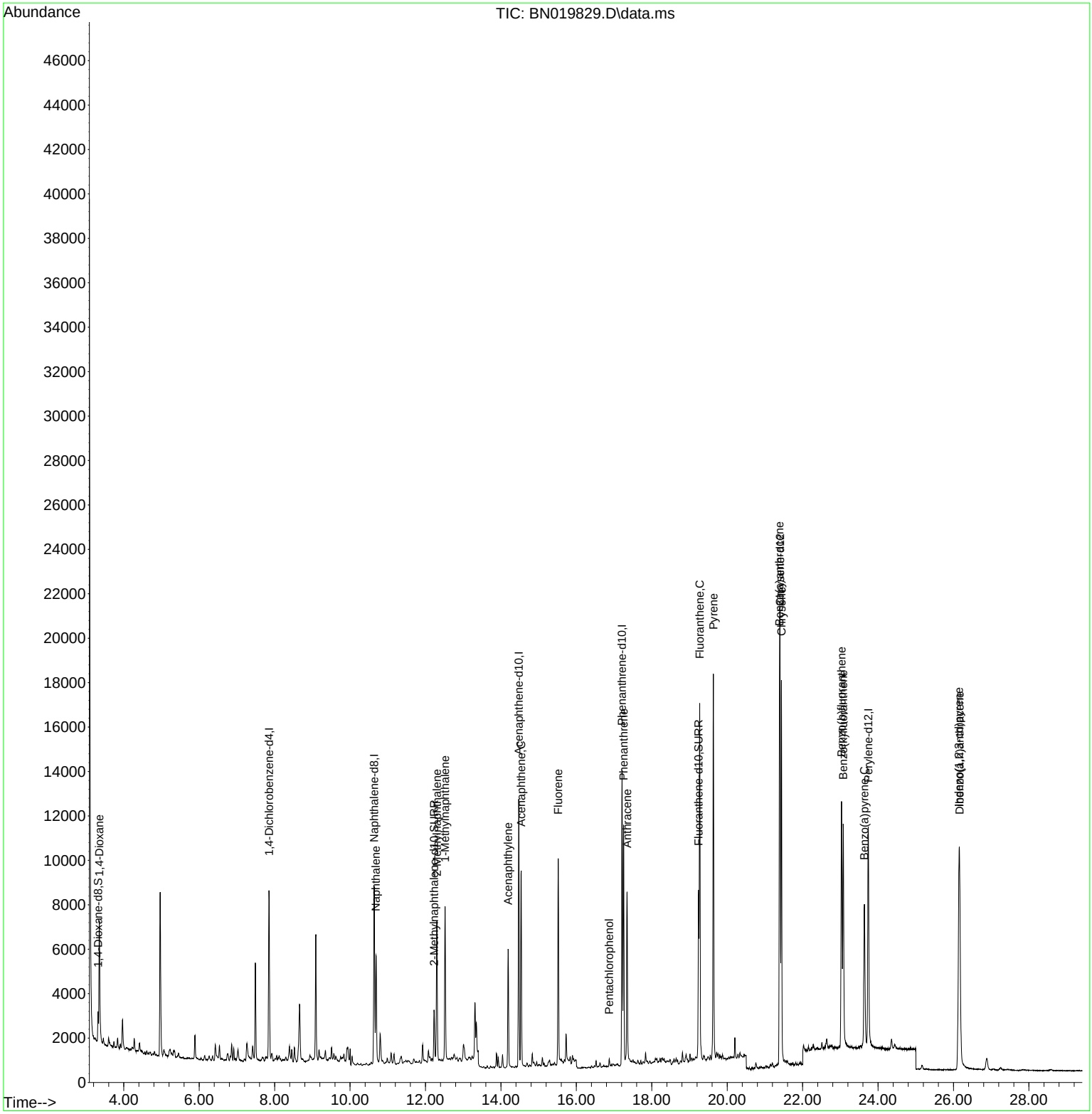
(#) = qualifier out of range (m) = manual integration (+) = signals summed

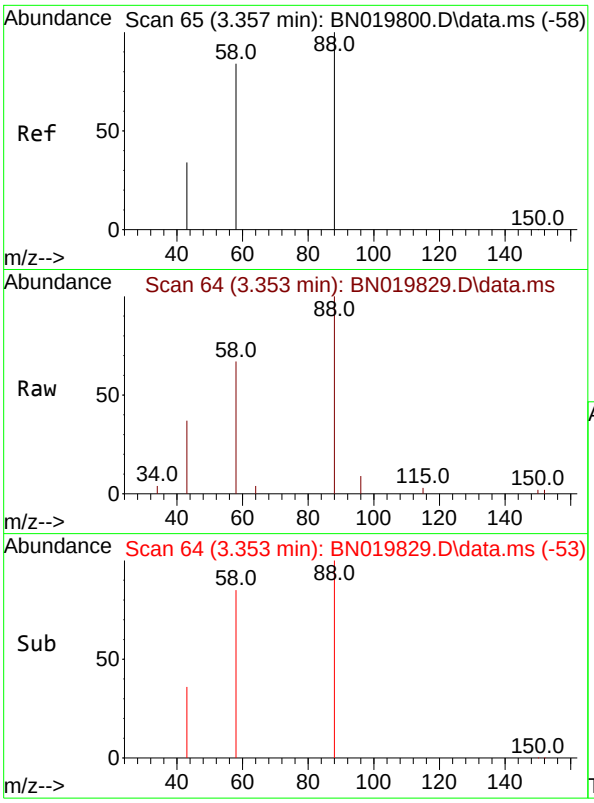
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019829.D
Acq On : 18 May 2022 13:55
Operator : CG/JU
Sample : N2766-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 19 03:19:26 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



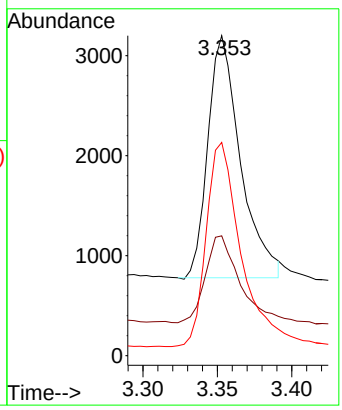


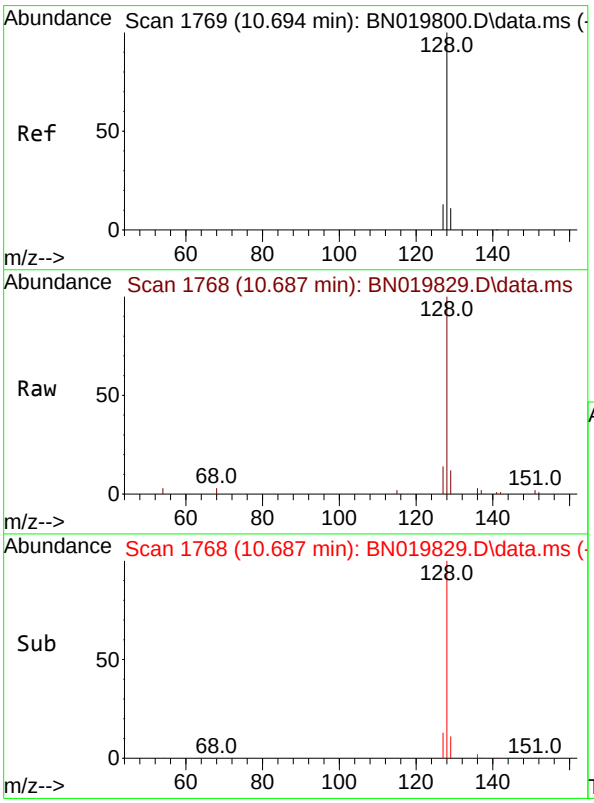
#2
1,4-Dioxane
Concen: 0.907 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 3680

Ion	Ratio	Lower	Upper
88	100		
43	37.5	39.0	58.4#
58	66.7	39.8	59.8#

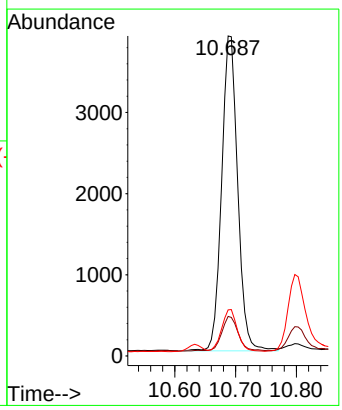


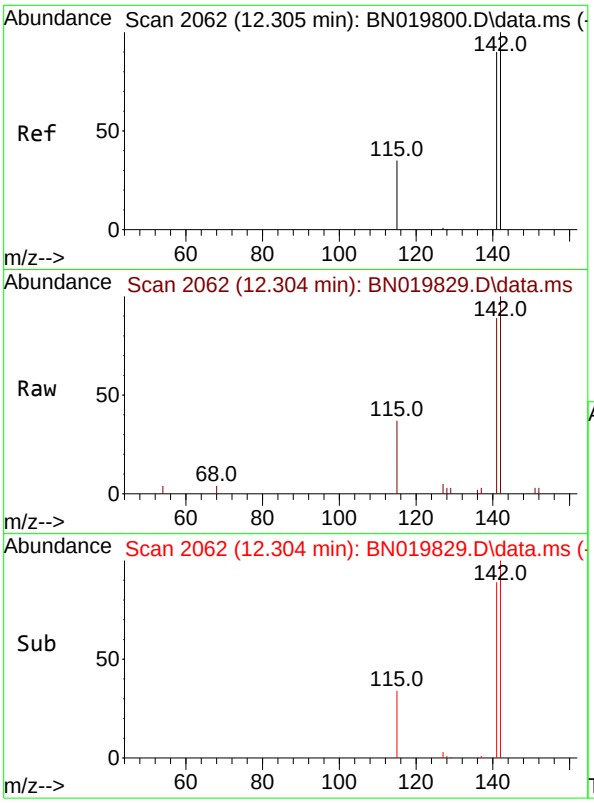


#5
Naphthalene
Concen: 0.202 ng/ul
RT: 10.687 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:128 Resp: 7135

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.5	14.3
127	14.4	11.0	16.4



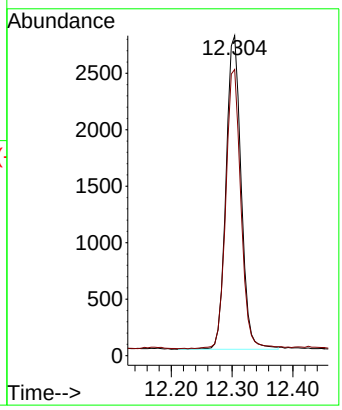


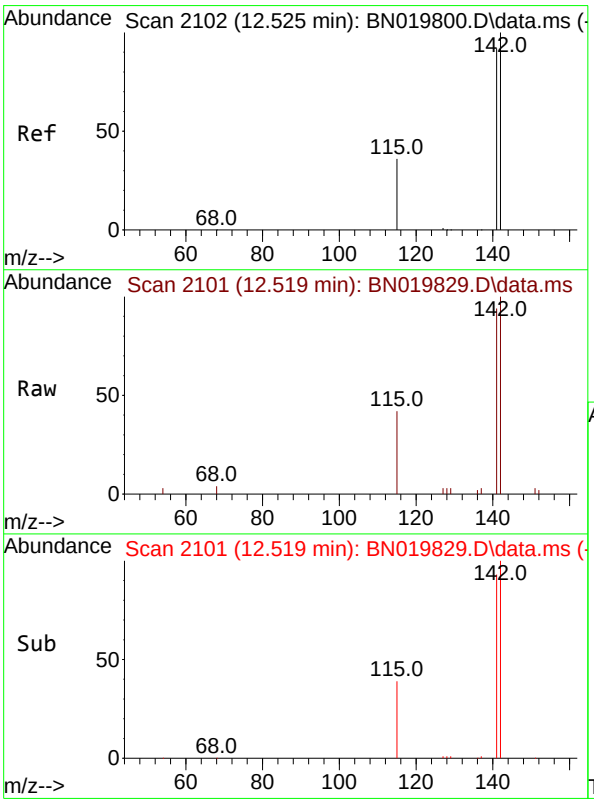
#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.304 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 4792

Ion	Ratio	Lower	Upper
142	100		
141	89.1	0.0	0.0#

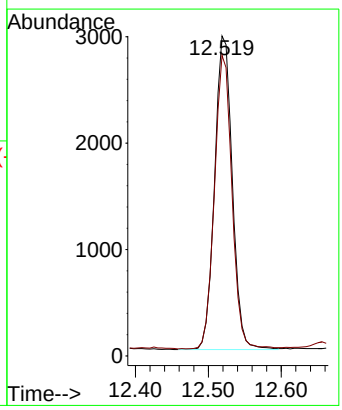


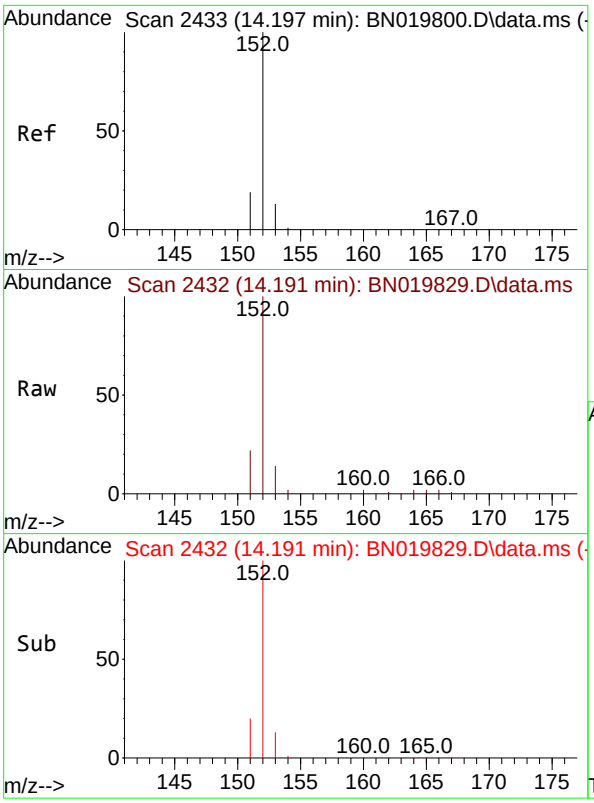


#8
1-Methylnaphthalene
Concen: 0.250 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:142 Resp: 4984

Ion	Ratio	Lower	Upper
142	100		
141	92.3	0.0	0.0#



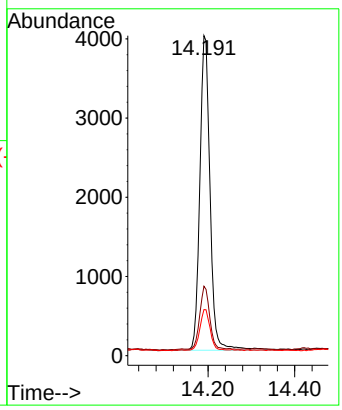


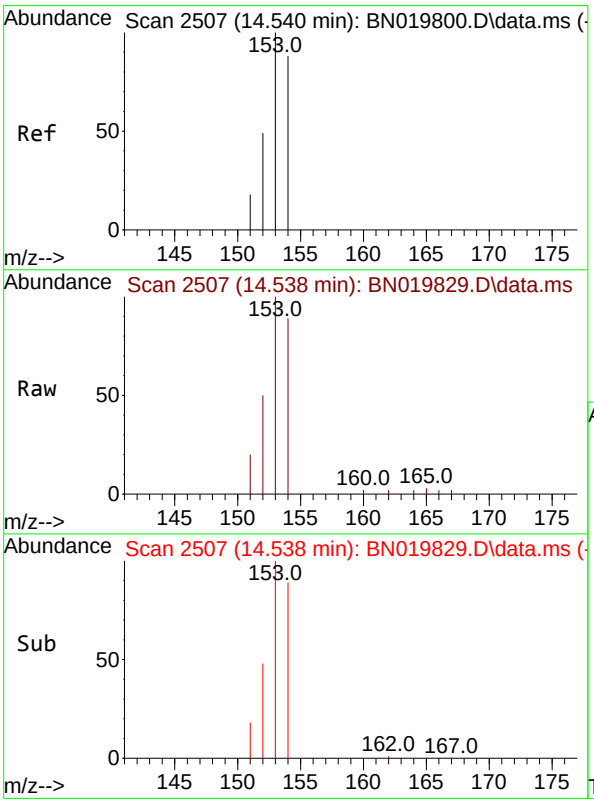
#10
Acenaphthylene
Concen: 0.192 ng/ul
RT: 14.191 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6505

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	14.4	11.1	16.7

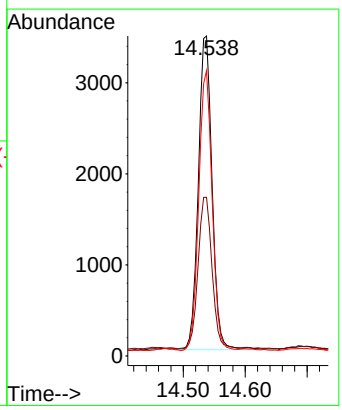


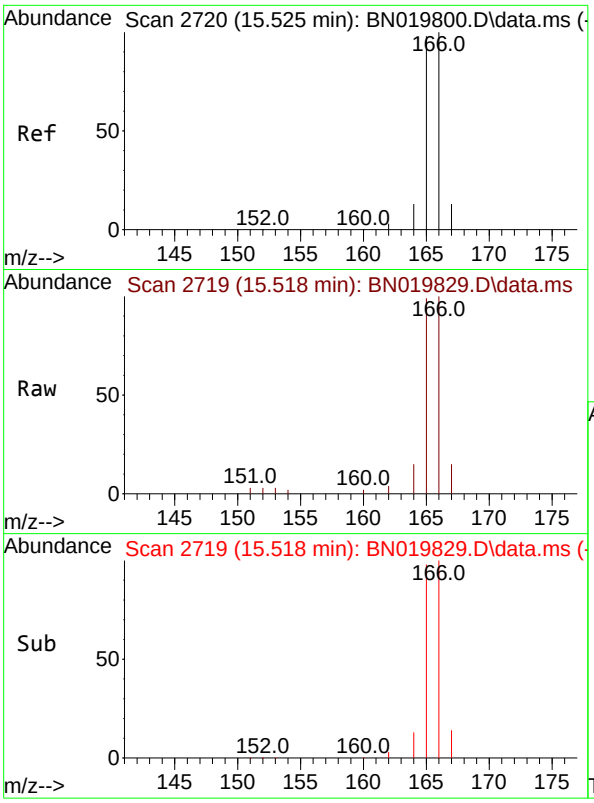


#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.538 min Scan# 2507
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:153 Resp: 5331

Ion	Ratio	Lower	Upper
153	100		
152	49.6	38.6	57.8
154	89.1	71.2	106.8



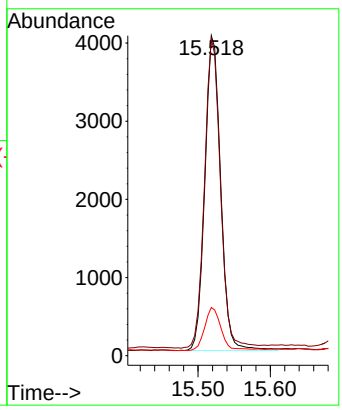


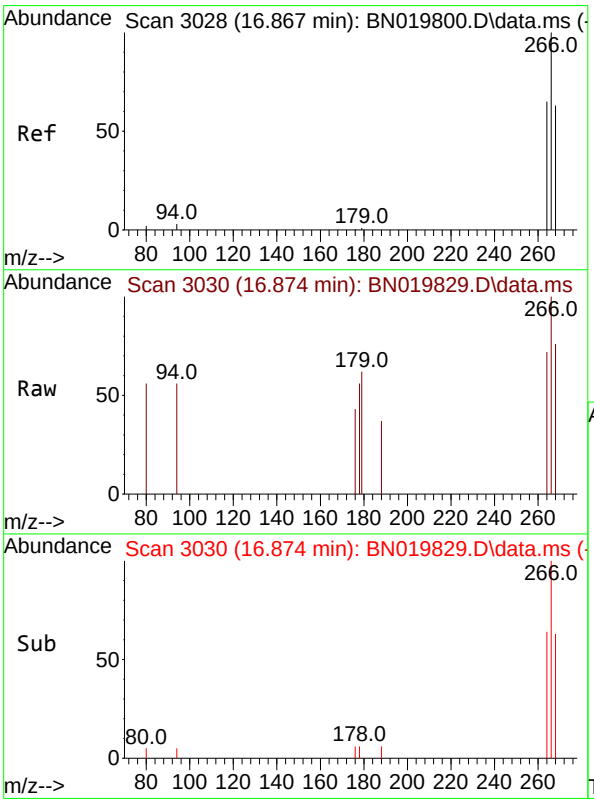
#12
Fluorene
Concen: 0.204 ng/ul
RT: 15.518 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 6114

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.2
167	15.0	11.3	16.9

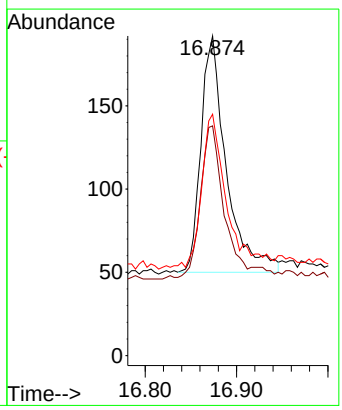


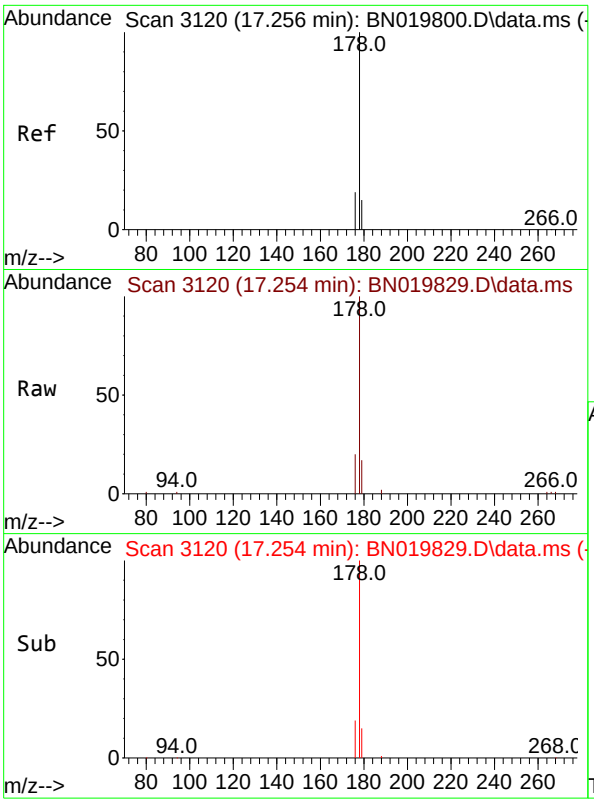


#14
Pentachlorophenol
Concen: 0.082 ng/ul
RT: 16.874 min Scan# 3030
Delta R.T. 0.007 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:266 Resp: 273

Ion	Ratio	Lower	Upper
266	100		
264	61.2	44.9	67.3
268	66.3	44.6	67.0



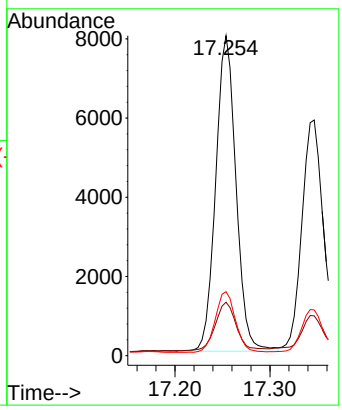


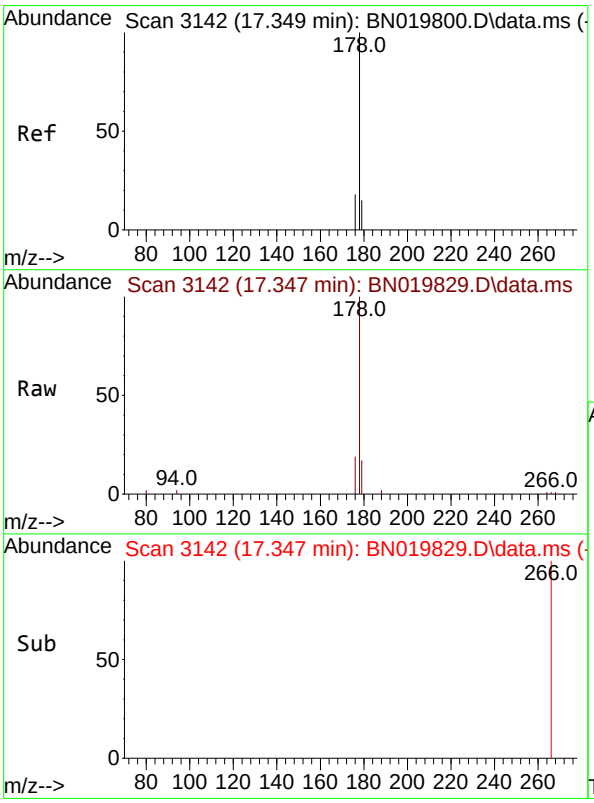
#15
Phenanthrene
Concen: 0.209 ng/ul
RT: 17.254 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11845

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	20.0	15.5	23.3

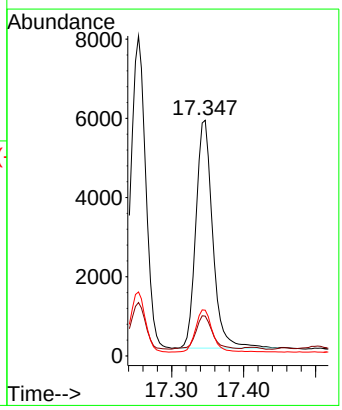


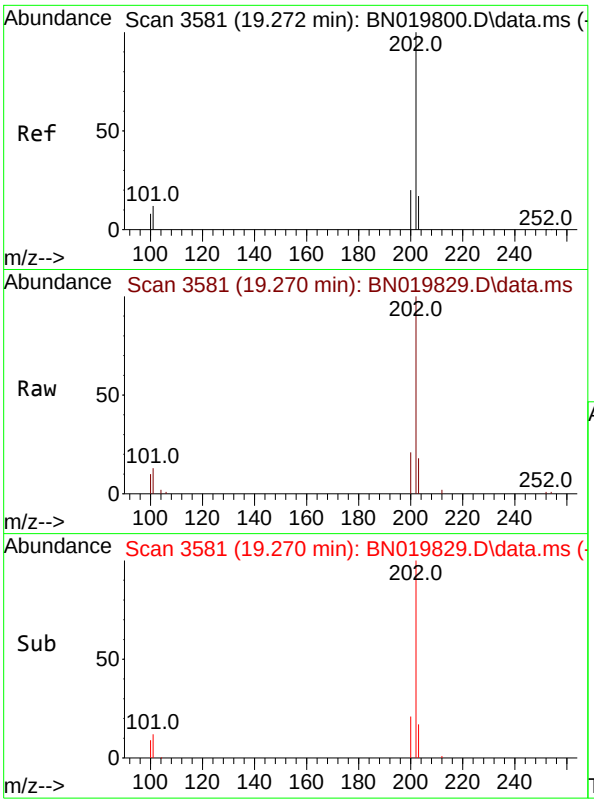


#16
Anthracene
Concen: 0.201 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:178 Resp: 9335

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.1	19.7
176	19.4	15.3	22.9



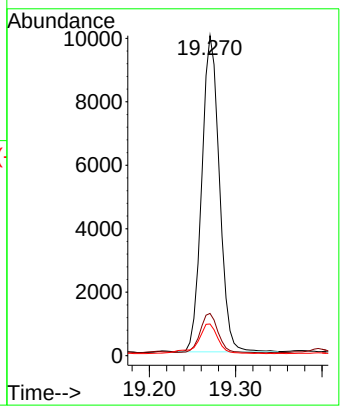


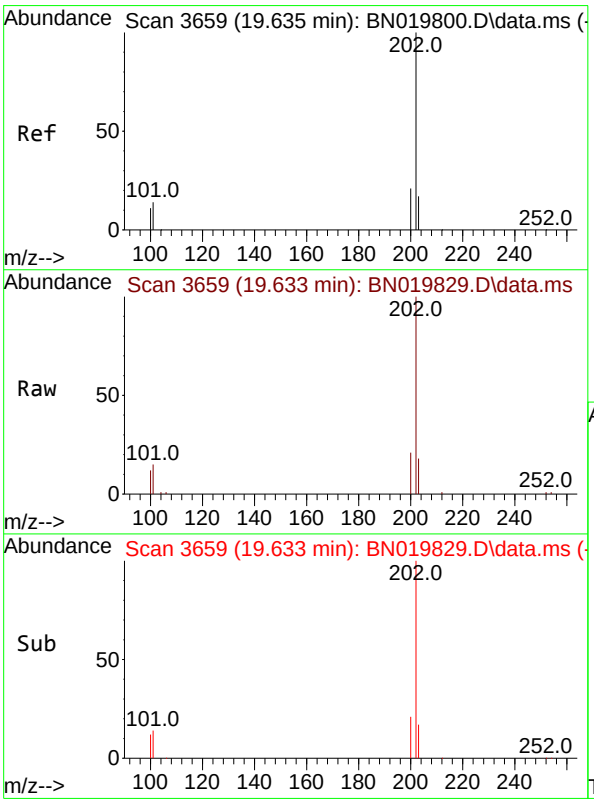
#19
Fluoranthene
Concen: 0.198 ng/ul
RT: 19.270 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 14173

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.7	14.5
100	9.9	7.4	11.2

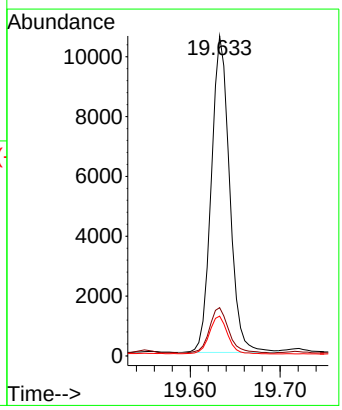


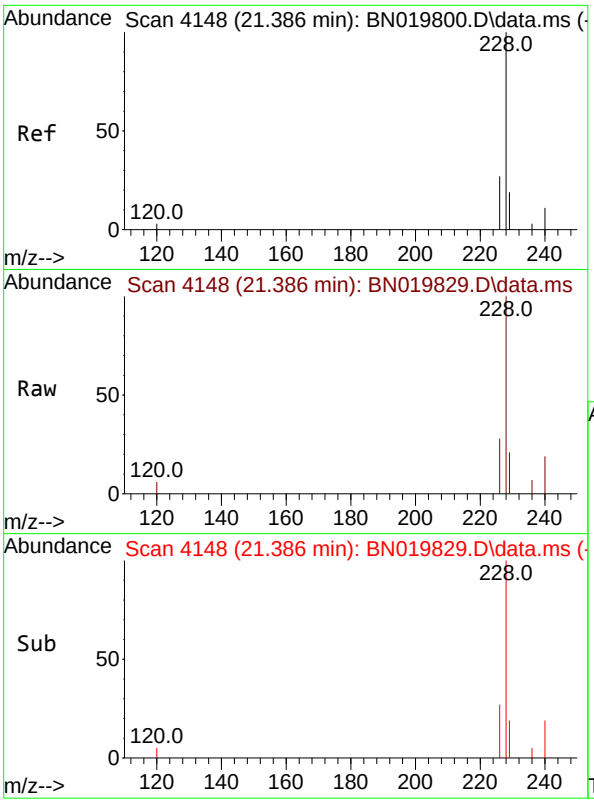


#20
Pyrene
Concen: 0.210 ng/ul
RT: 19.633 min Scan# 3659
Delta R.T. -0.001 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:202 Resp: 14971

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.4	17.0
100	12.5	9.0	13.4



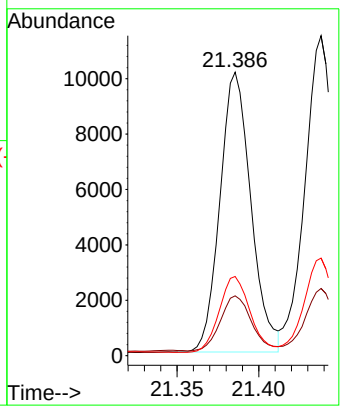


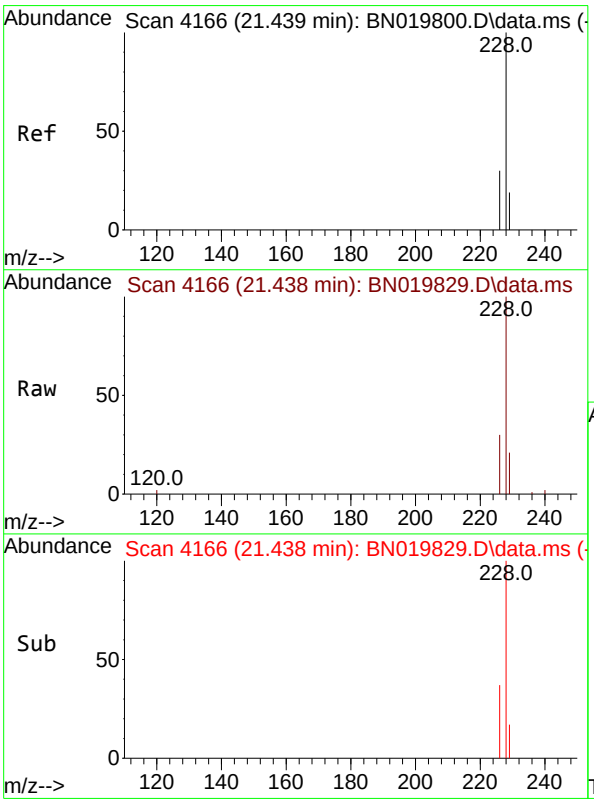
#21
Benzo(a)anthracene
Concen: 0.229 ng/ul
RT: 21.386 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 13350

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.1	24.1
226	28.0	22.1	33.1

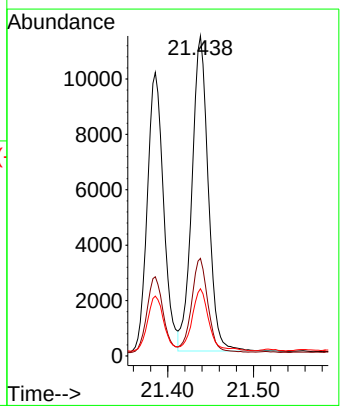


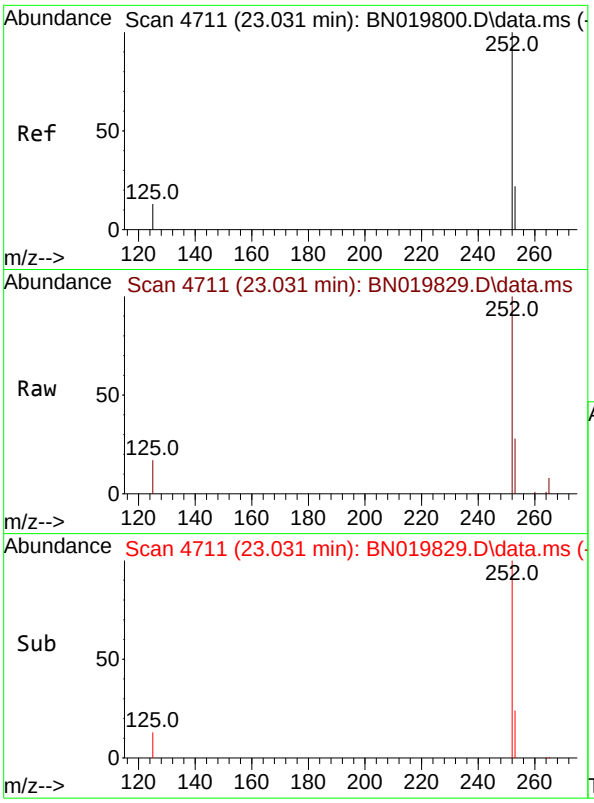


#22
Chrysene
Concen: 0.219 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:228 Resp: 15030

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	21.0	16.0	24.0



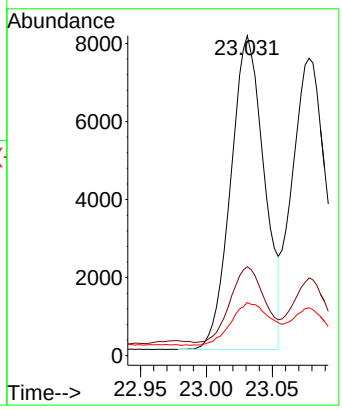


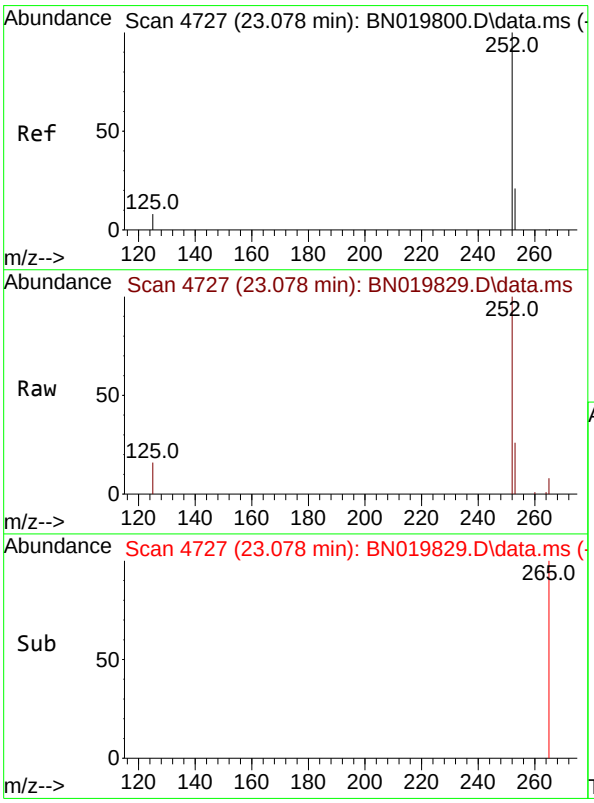
#24
Benzo(b)fluoranthene
Concen: 0.201 ng/ul
RT: 23.031 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14233

Ion	Ratio	Lower	Upper
252	100		
253	27.8	0.0	52.0
125	16.6	0.0	40.2

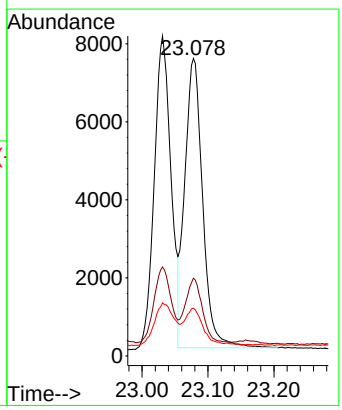


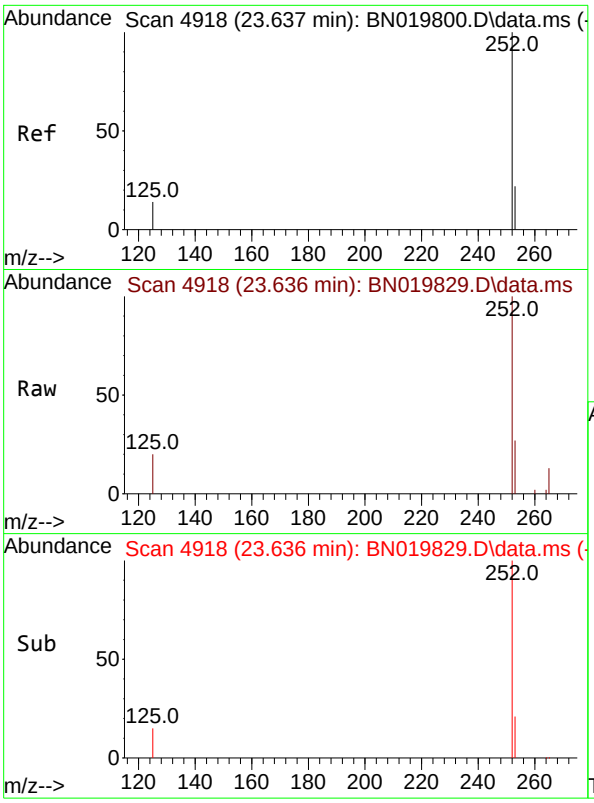


#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul
RT: 23.078 min Scan# 4727
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:252 Resp: 13963

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.2	30.2
125	16.1	11.0	16.6



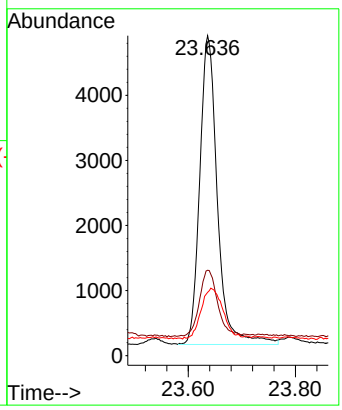


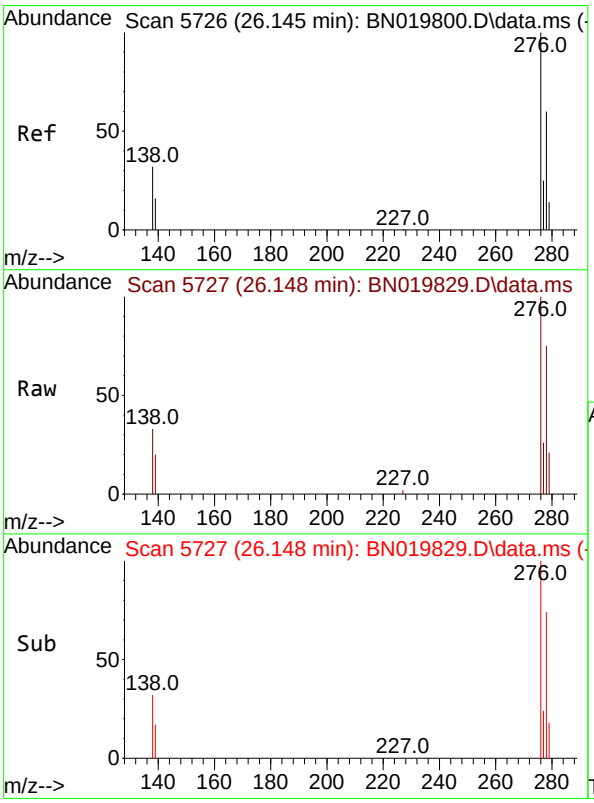
#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.636 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10834

Ion	Ratio	Lower	Upper
252	100		
253	26.7	23.4	35.0
125	19.8	28.3	42.5#

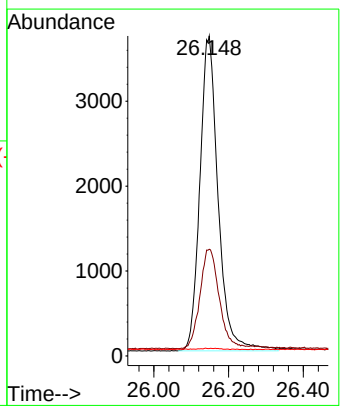


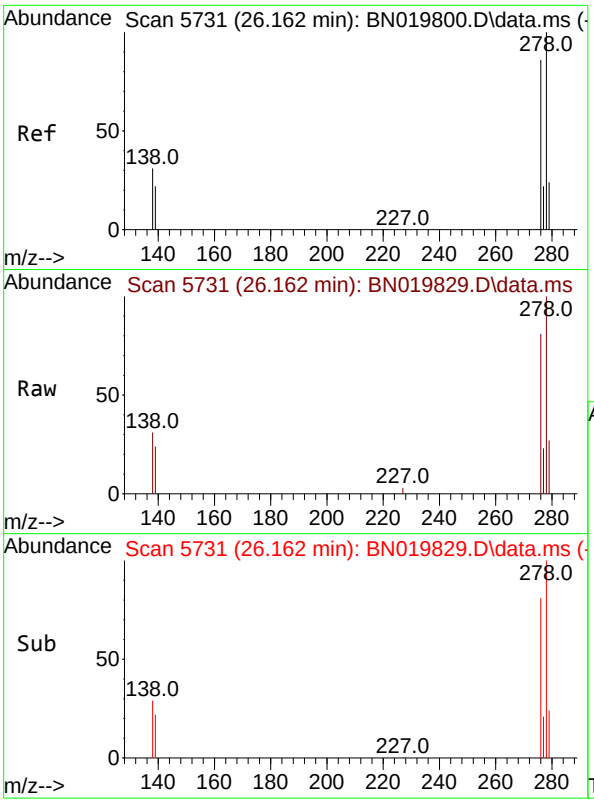


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. 0.000 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Tgt Ion:276 Resp: 12584

Ion	Ratio	Lower	Upper
276	100		
138	33.4	23.6	35.4
227	0.4	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 26.162 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN019829.D
Acq: 18 May 2022 13:55

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 11171

Ion	Ratio	Lower	Upper
278	100		
139	24.0	18.6	28.0
279	27.0	35.1	52.7#