Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019960.D
Acq On : 25 May 2022 20:20
Operator : CG/JU
Sample : N2883-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4K7

Quant Time: May 26 01:16:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	3715	0.400	ng/ul		0.00
4) Naphthalene-d8	10.639	136	13188	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.469	164	8049	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.213	188	17053	0.400	ng/ul		0.00
17) Chrysene-d12	21.397	240	12062	0.400	ng/ul		0.00
23) Perylene-d12	23.735	264	9662	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.315	96	14333	4.138	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.229	152	5089	0.236	ng/ul		0.00
18) Fluoranthene-d10	19.239	212	12017	0.279	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.689	128	2928	0.071	ng/ul	#	94
7) 2-Methylnaphthalene	12.300	142	2005	0.073	ng/ul	#	100
8) 1-Methylnaphthalene	12.520	142	1523	0.060	ng/ul	#	100
10) Acenaphthylene	14.192	152	1011	0.022	ng/ul	#	81
11) Acenaphthene	14.534	153	784	0.025	ng/ul		97
12) Fluorene	15.520	166	769	0.022	ng/ul	#	96
15) Phenanthrene	17.251	178	14071	0.235	ng/ul		100
16) Anthracene	17.344	178	3206	0.057	ng/ul		94
19) Fluoranthene	19.267	202	31293	0.520	ng/ul		100
20) Pyrene	19.629	202	28265	0.463	ng/ul		99
21) Benzo(a)anthracene	21.379	228	13758	0.279	ng/ul		98
22) Chrysene	21.432	228	14937	0.300	ng/ul		97
24) Benzo(b)fluoranthene	23.028	252	25983	0.608	ng/ul		96
25) Benzo(k)fluoranthene	23.206	252	1316	0.032	ng/ul	#	44
26) Benzo(a)pyrene	23.633	252	13235	0.328	ng/ul	#	87
27) Indeno(1,2,3-cd)pyrene	26.134	276	9126	0.215	ng/ul	#	97
28) Dibenzo(a,h)anthracene	26.151	278	2194	0.063	ng/ul	#	77
29) Benzo(g,h,i)perylene	26.875	276	9955	0.275	ng/ul		94

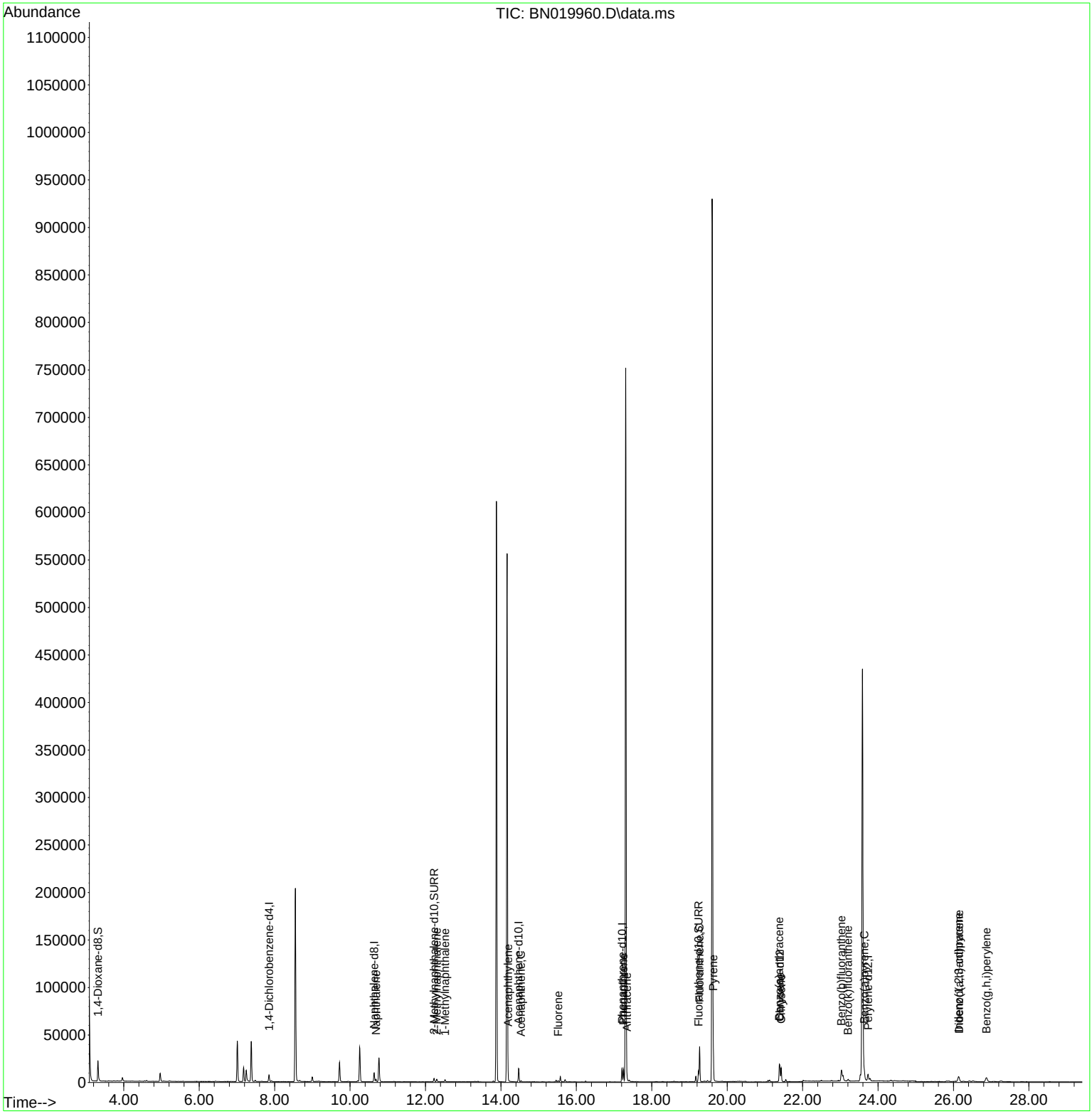
(#) = qualifier out of range (m) = manual integration (+) = signals summed

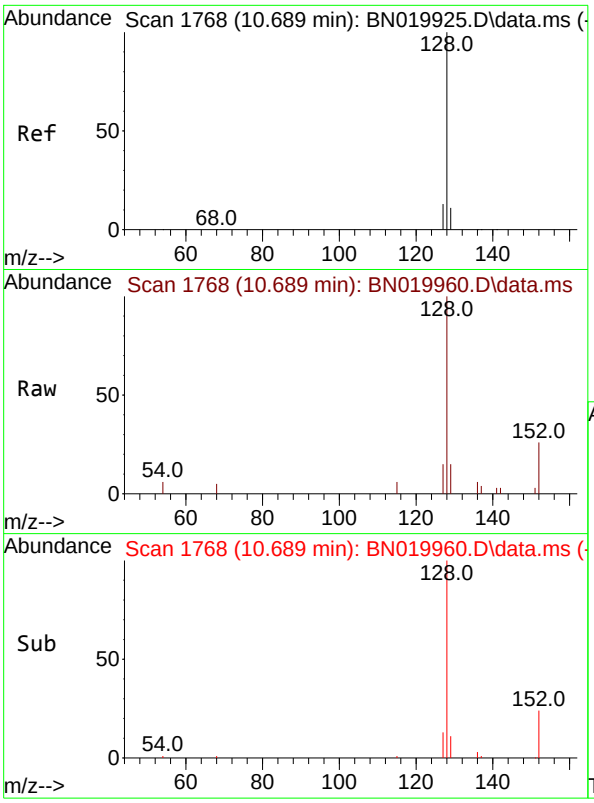
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052422\
Data File : BN019960.D
Acq On : 25 May 2022 20:20
Operator : CG/JU
Sample : N2883-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW4K7

Quant Time: May 26 01:16:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN052322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 23 14:58:28 2022
Response via : Initial Calibration



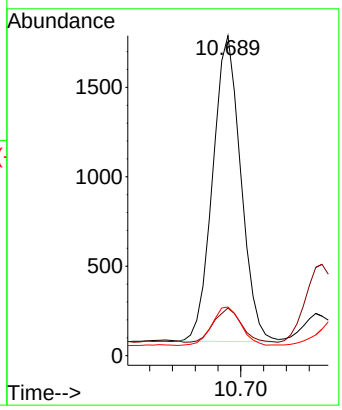


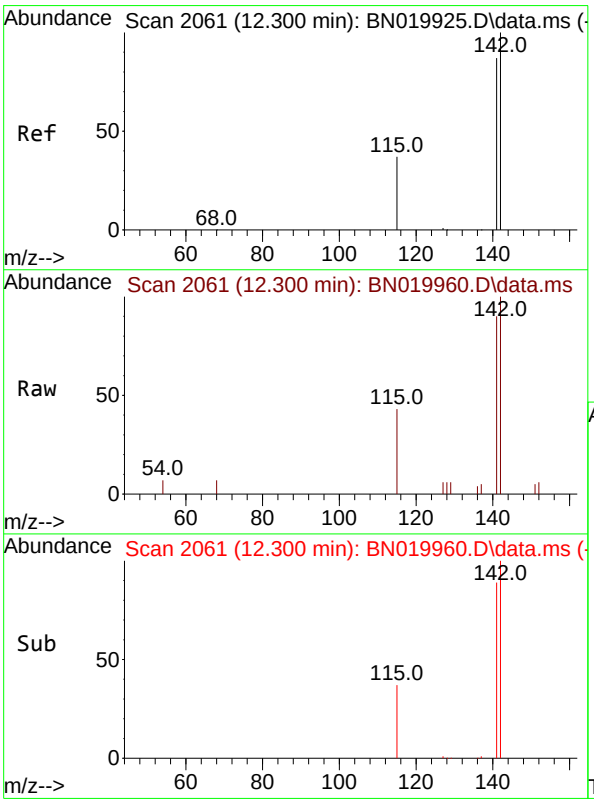
#5
Naphthalene
Concen: 0.071 ng/ul
RT: 10.689 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:128 Resp: 2928

Ion	Ratio	Lower	Upper
128	100		
129	14.9	9.5	14.3#
127	15.2	11.0	16.4

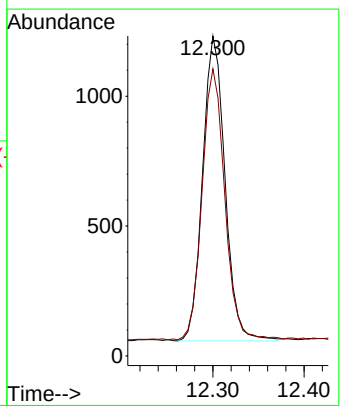


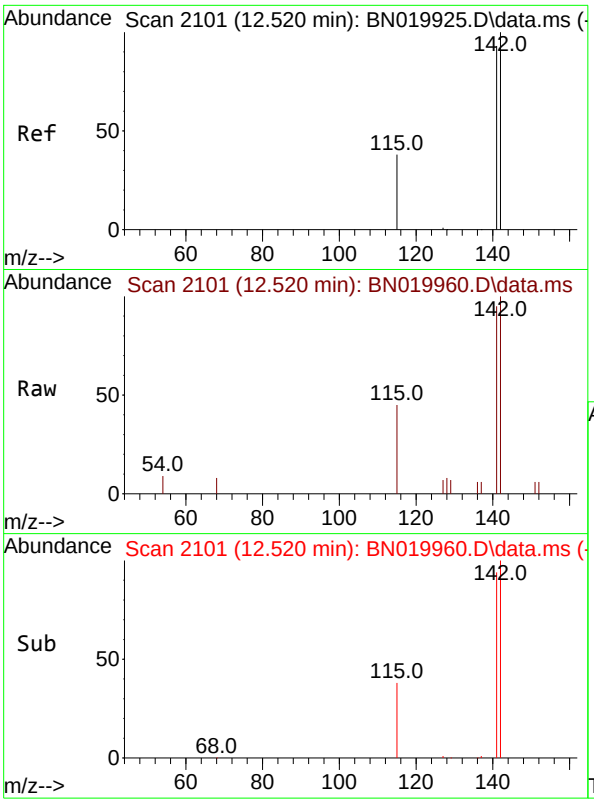


#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.004 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:142 Resp: 2005

Ion	Ratio	Lower	Upper
142	100		
141	90.0	0.0	0.0#



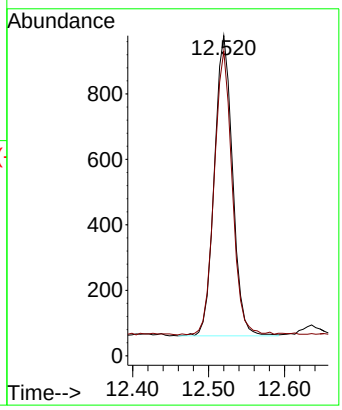


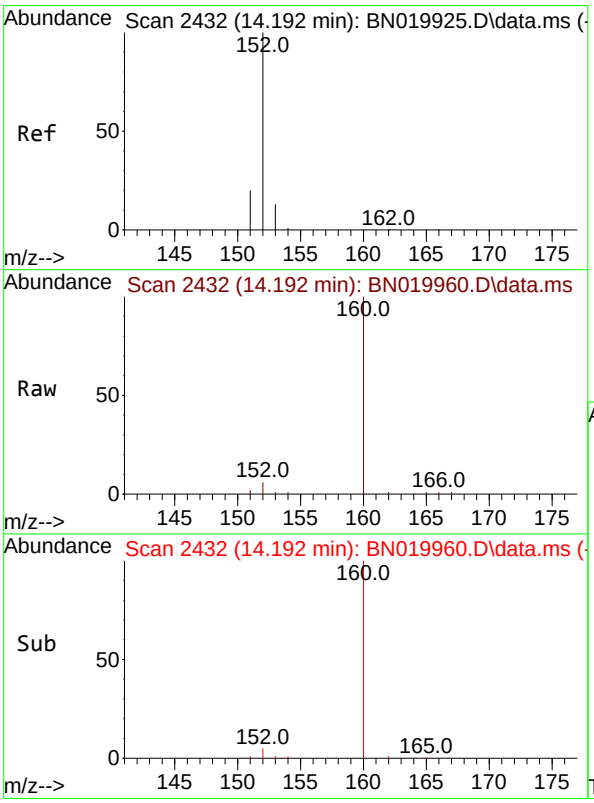
#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.520 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:142 Resp: 1523

Ion	Ratio	Lower	Upper
142	100		
141	93.7	0.0	0.0#

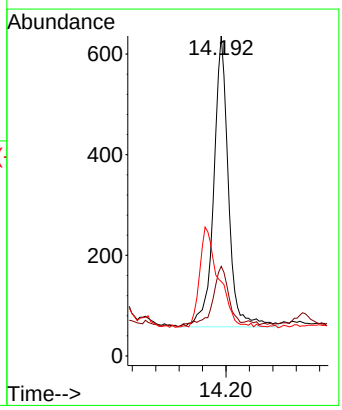


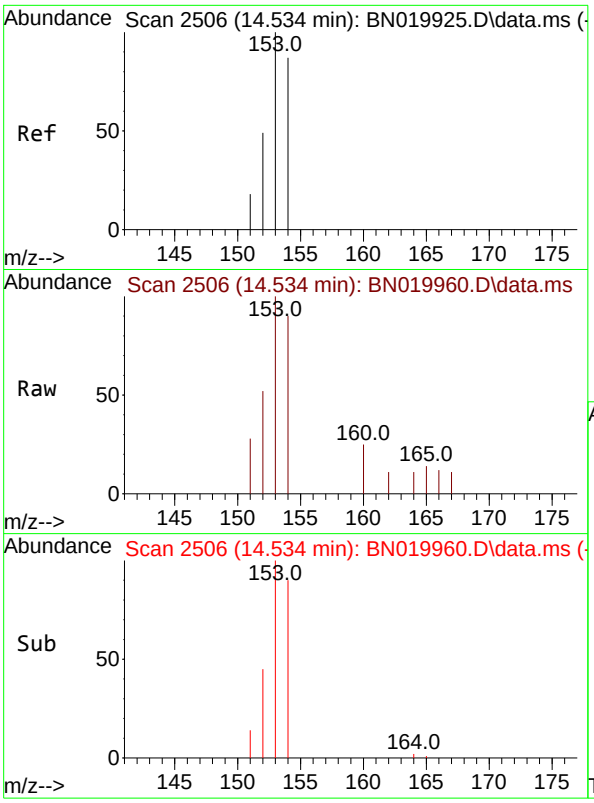


#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:152 Resp: 1011

Ion	Ratio	Lower	Upper
152	100		
151	28.0	16.3	24.5#
153	23.3	11.1	16.7#



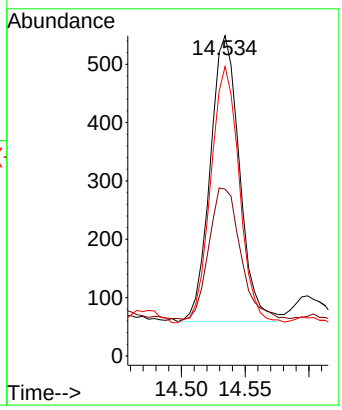


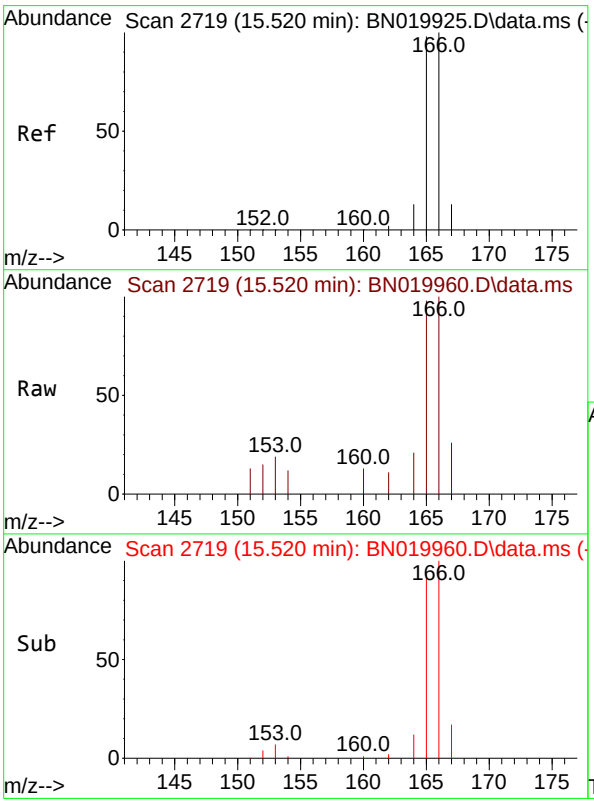
#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.534 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:153 Resp: 784

Ion	Ratio	Lower	Upper
153	100		
152	52.1	38.6	57.8
154	90.3	71.2	106.8

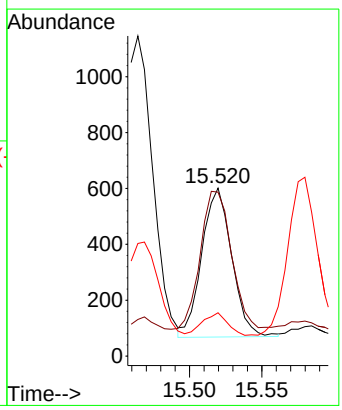


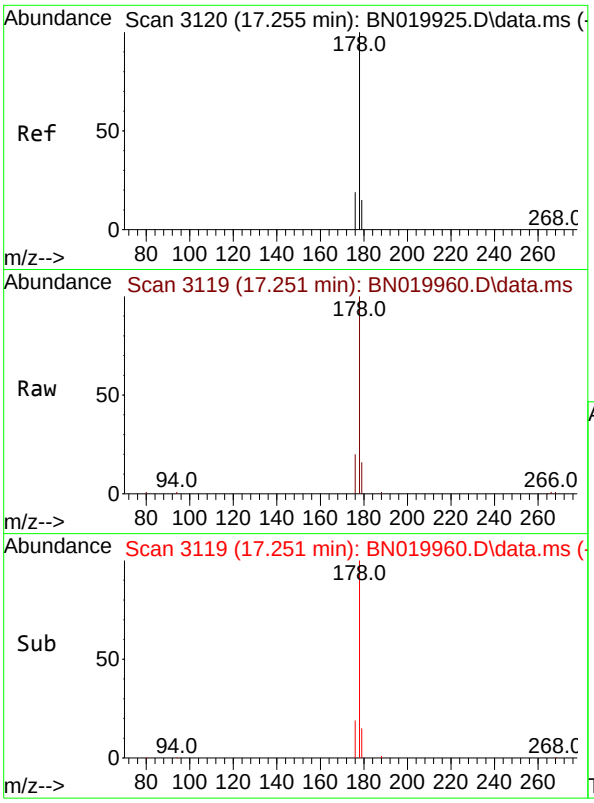


#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:166 Resp: 769

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	25.8	11.3	16.9#



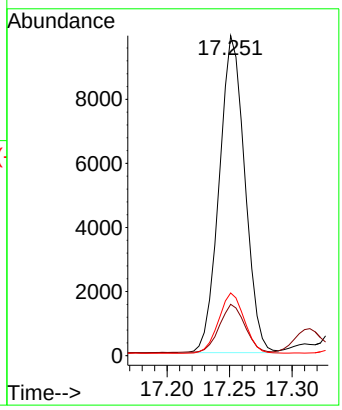


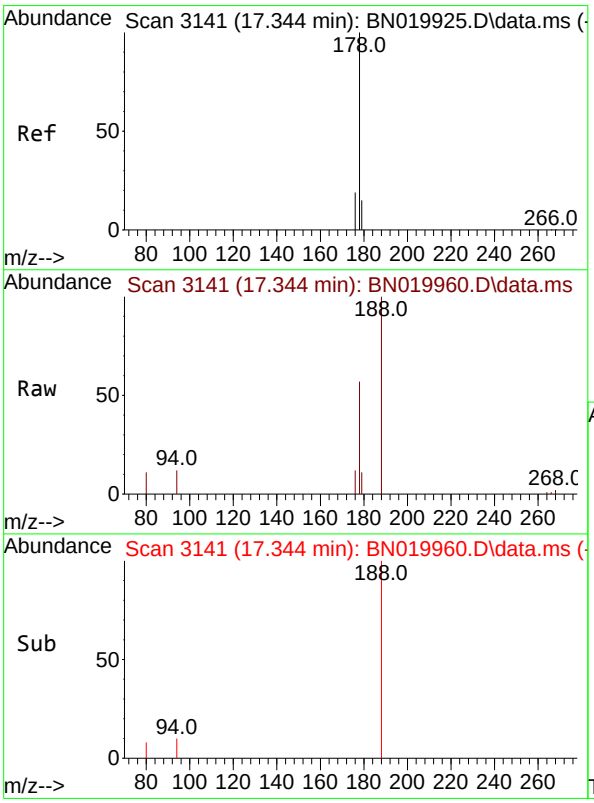
#15
Phenanthrene
Concen: 0.235 ng/ul
RT: 17.251 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:178 Resp: 14071

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.6	15.5	23.3

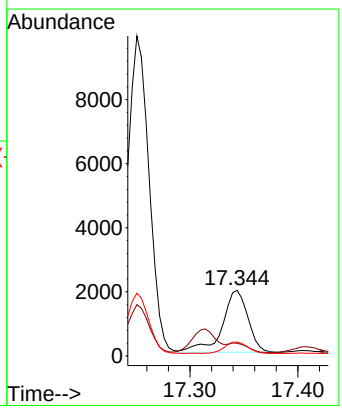


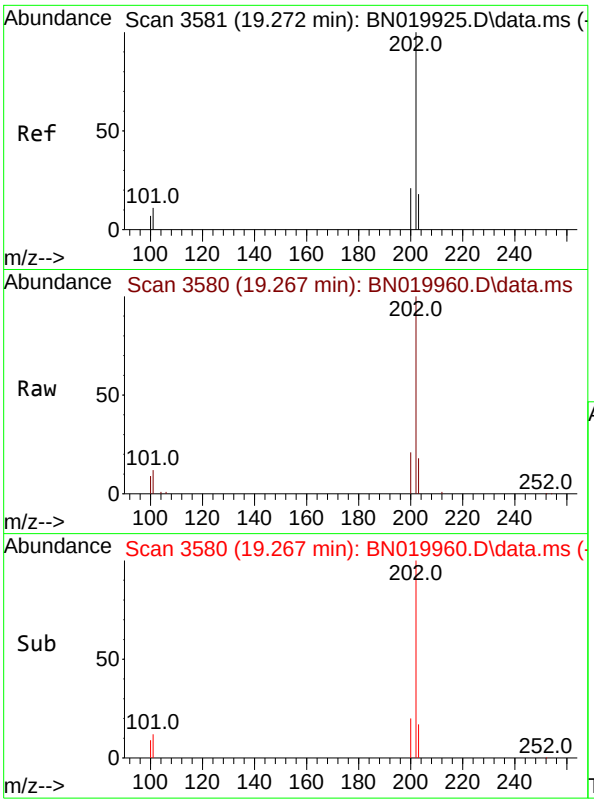


#16
Anthracene
Concen: 0.057 ng/ul
RT: 17.344 min Scan# 3141
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:178 Resp: 3206

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.1	19.7
176	21.2	15.3	22.9



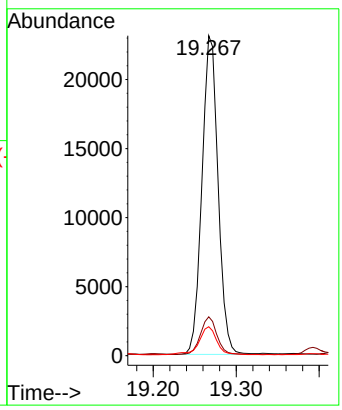


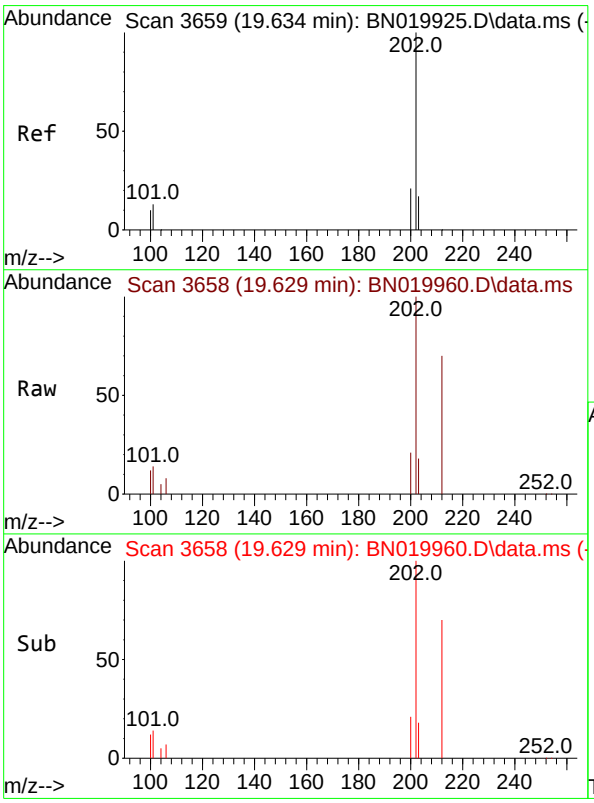
#19
Fluoranthene
Concen: 0.520 ng/ul
RT: 19.267 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:202 Resp: 31293

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.1	7.4	11.2

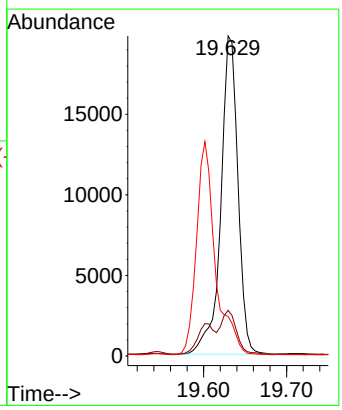


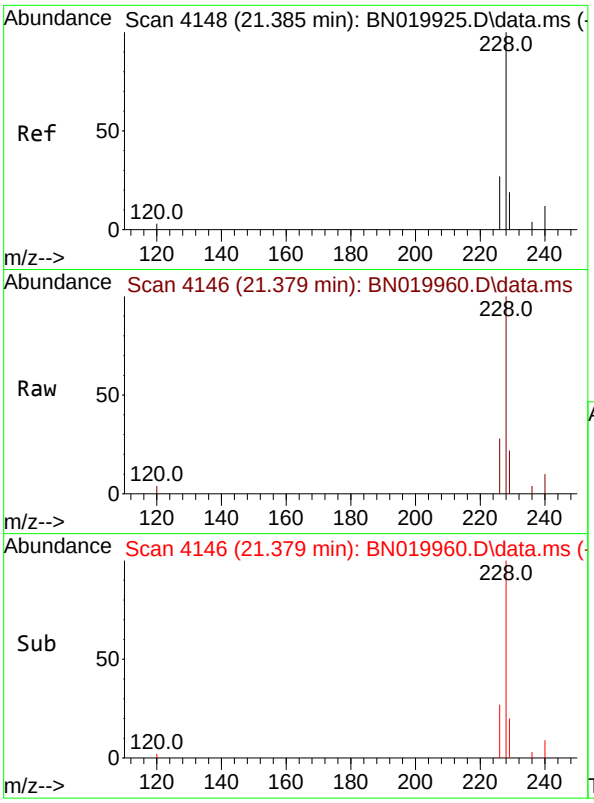


#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.629 min Scan# 3658
Delta R.T. -0.007 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:202 Resp: 28265

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.4	17.0
100	12.3	9.0	13.4



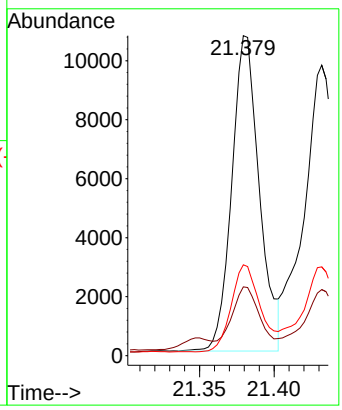


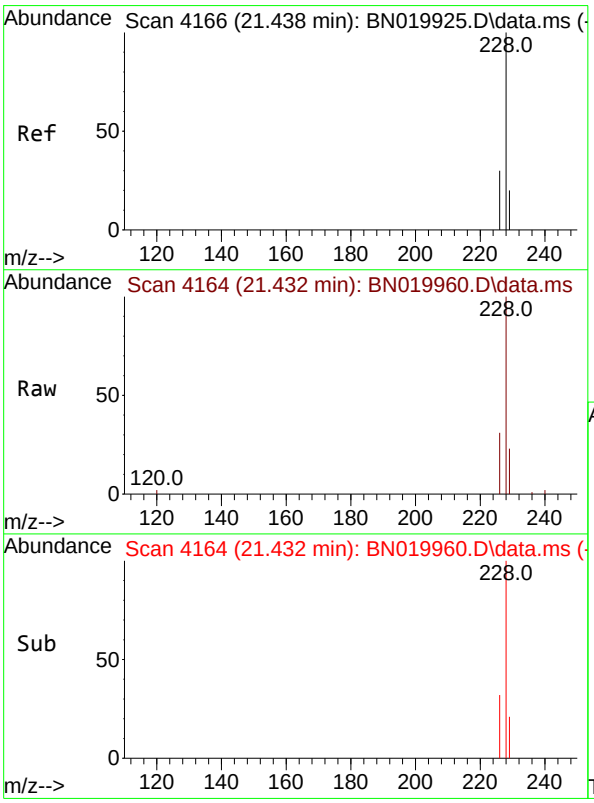
#21
Benzo(a)anthracene
Concen: 0.279 ng/ul
RT: 21.379 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:228 Resp: 13758

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.1	24.1
226	28.4	22.1	33.1

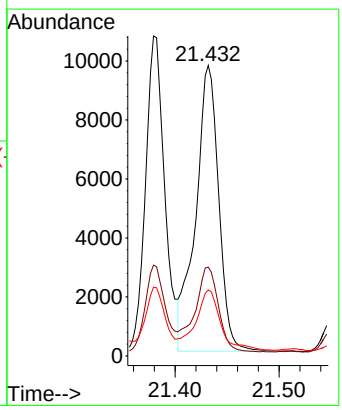


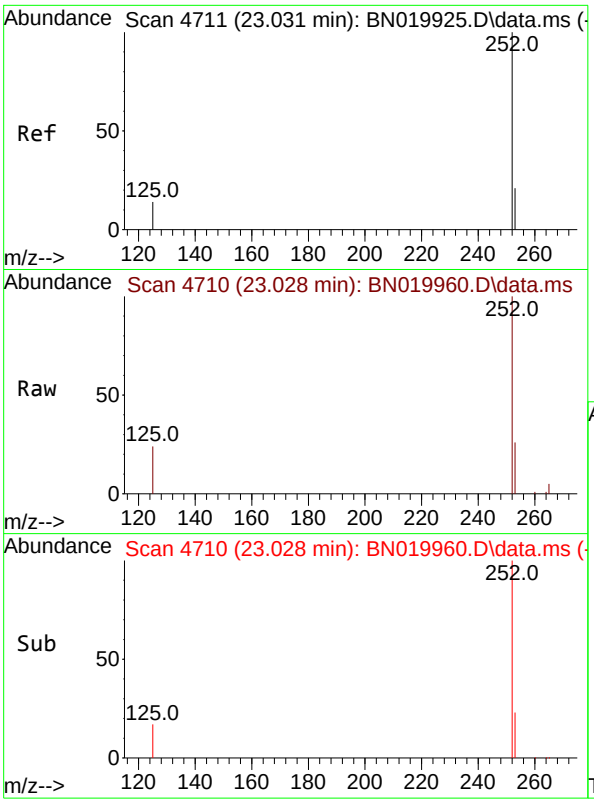


#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.432 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:228 Resp: 14937

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	22.7	16.0	24.0



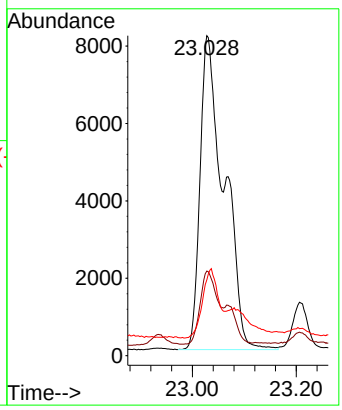


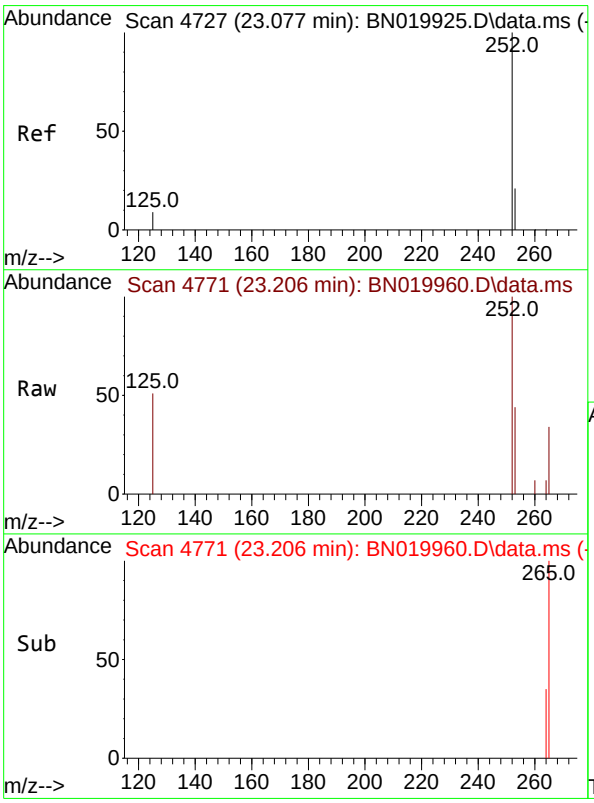
#24
Benzo(b)fluoranthene
Concen: 0.608 ng/ul
RT: 23.028 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:252 Resp: 25983

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	52.0
125	23.7	0.0	40.2

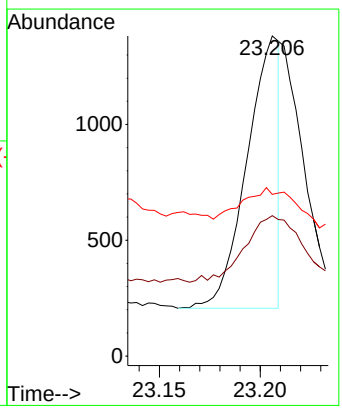


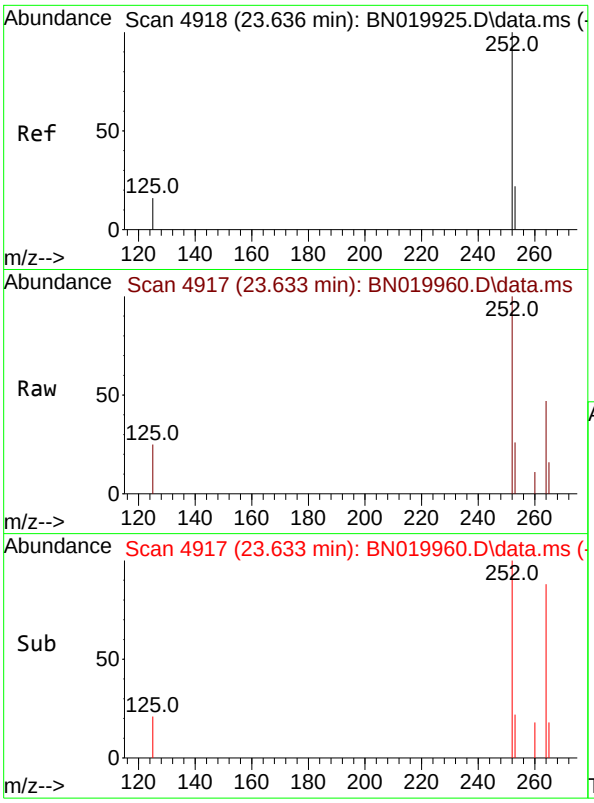


#25
Benzo(k)fluoranthene
Concen: 0.032 ng/ul
RT: 23.206 min Scan# 4771
Delta R.T. 0.126 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:252 Resp: 1316

Ion	Ratio	Lower	Upper
252	100		
253	43.8	20.2	30.2#
125	50.5	11.0	16.6#



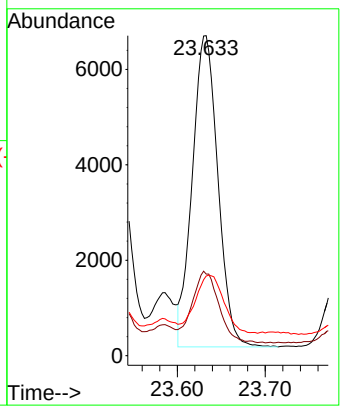


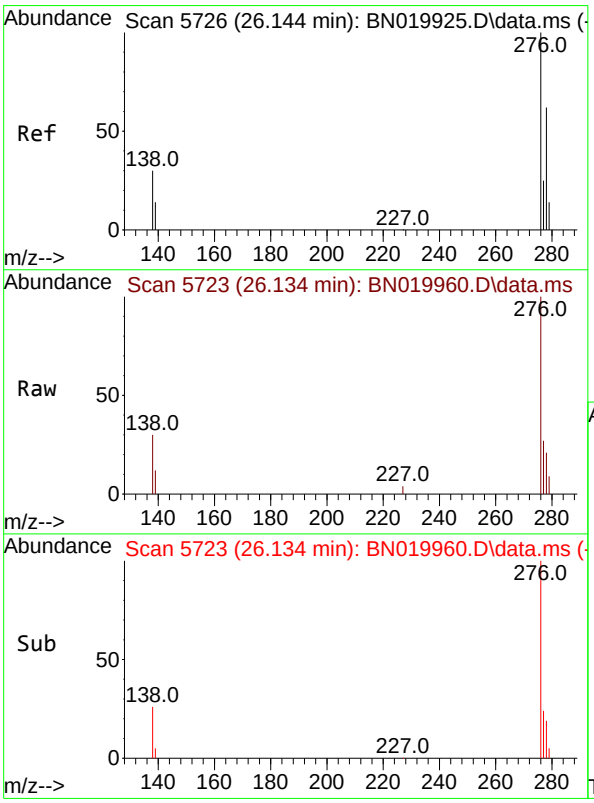
#26
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.633 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:252 Resp: 13235

Ion	Ratio	Lower	Upper
252	100		
253	25.5	23.4	35.0
125	24.9	28.3	42.5#

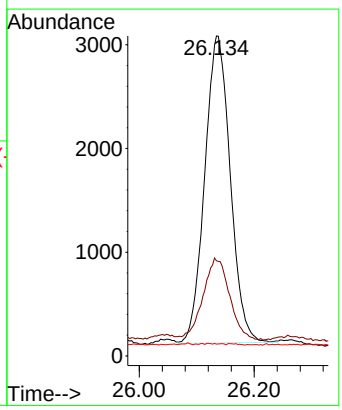


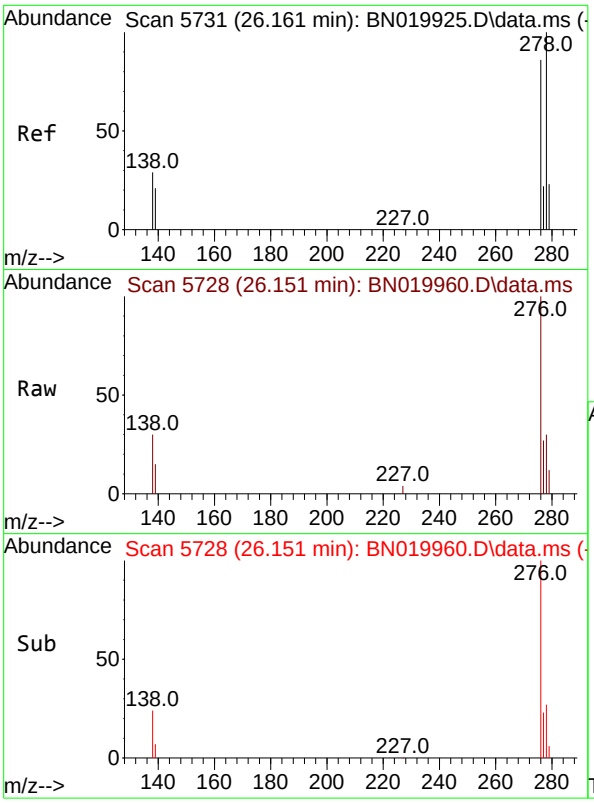


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng/ul
RT: 26.134 min Scan# 5723
Delta R.T. -0.017 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:276 Resp: 9126

Ion	Ratio	Lower	Upper
276	100		
138	27.7	23.6	35.4
227	0.3	0.0	0.0#



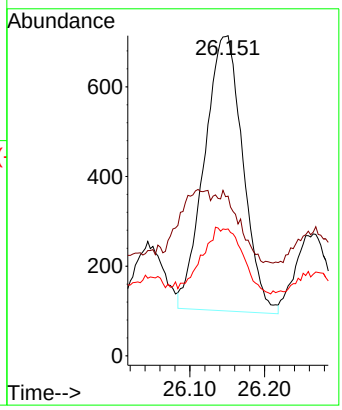


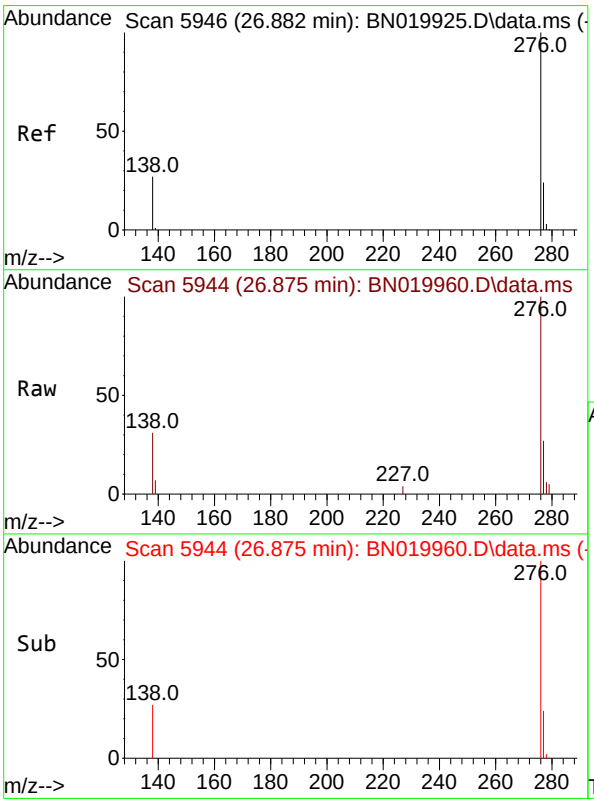
#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.151 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Instrument :
BNA_N
ClientSampleId :
EW4K7

Tgt Ion:278 Resp: 2194

Ion	Ratio	Lower	Upper
278	100		
139	49.9	18.6	28.0#
279	39.6	35.1	52.7





#29
Benzo(g,h,i)perylene
Concen: 0.275 ng/ul
RT: 26.875 min Scan# 5944
Delta R.T. -0.010 min
Lab File: BN019960.D
Acq: 25 May 2022 20:20

Tgt Ion:276 Resp: 9955

Ion	Ratio	Lower	Upper
276	100		
138	31.1	20.9	31.3
277	26.7	20.4	30.6