Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
Data File : BN020930.D
Acq On : 01 Aug 2022 21:27
Operator : CG/JU
Sample : SSTD1.626
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Quant Time: Aug 02 03:36:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 03:35:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2430	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	7577	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	4383	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	8583	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	7930	0.400	ng/ul	0.00
23) Perylene-d12	23.766	264	6544	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	4747	1.626	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	18963	1.647	ng/ul	0.00
18) Fluoranthene-d10	19.248	212	38545	1.522	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.245	88	5087	1.696	ng/ul#	85
5) Naphthalene	10.650	128	32441	1.366	ng/ul	97
7) 2-Methylnaphthalene	12.272	142	20978	1.398	ng/ul	99
8) 1-Methylnaphthalene	12.492	142	22529	1.550	ng/ul	100
10) Acenaphthylene	14.178	152	29445	1.351	ng/ul	98
11) Acenaphthene	14.520	153	23358	1.325	ng/ul	99
12) Fluorene	15.510	166	26832	1.387	ng/ul	99
14) Pentachlorophenol	16.875	266	2391	1.850	ng/ul	99
15) Phenanthrene	17.251	178	42085	1.338	ng/ul	99
16) Anthracene	17.344	178	36509	1.449	ng/ul	98
19) Fluoranthene	19.281	202	47705	1.285	ng/ul	97
20) Pyrene	19.643	202	47129	1.216	ng/ul	99
21) Benzo(a)anthracene	21.401	228	39153	1.494	ng/ul	99
22) Chrysene	21.457	228	44344	1.315	ng/ul	99
24) Benzo(b)fluoranthene	23.050	252	42108	1.358	ng/ul	94
25) Benzo(k)fluoranthene	23.096	252	43234	1.348	ng/ul	94
26) Benzo(a)pyrene	23.661	252	38955	1.363	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.183	276	46195	1.536	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.200	278	37606	1.640	ng/ul	93
29) Benzo(g,h,i)perylene	26.927	276	40264	1.485	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
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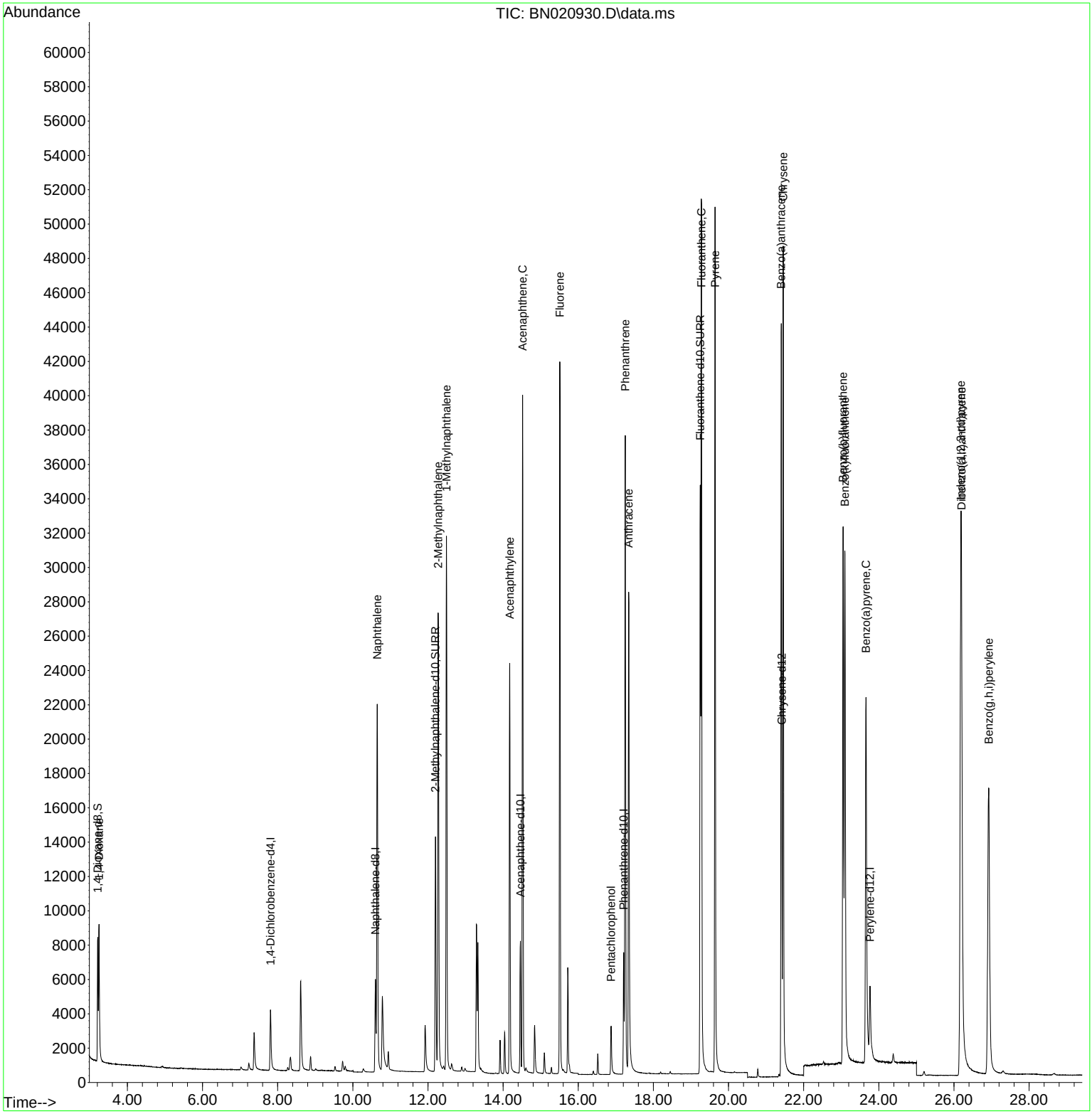
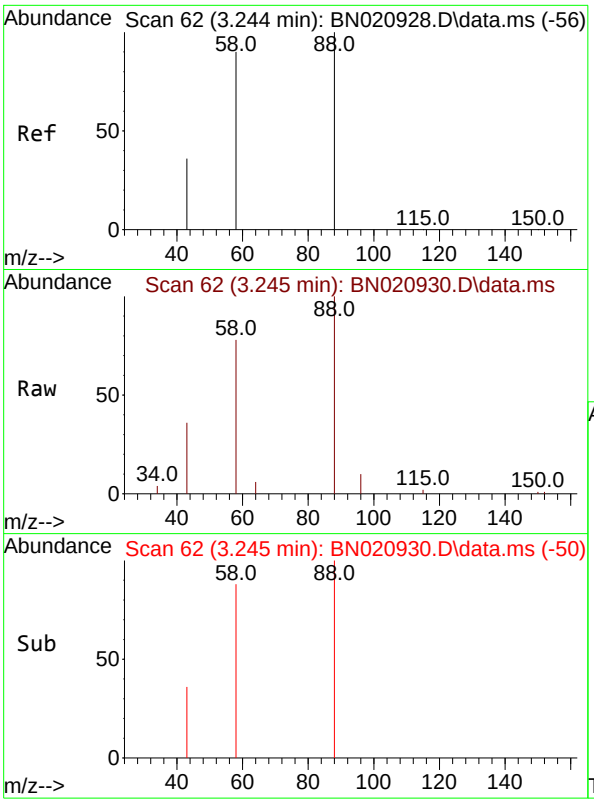


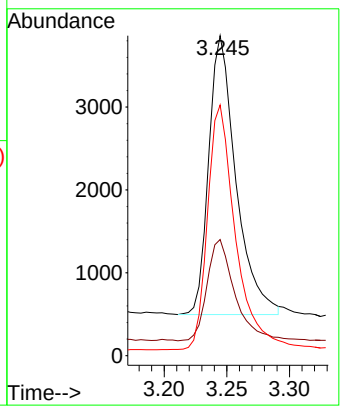


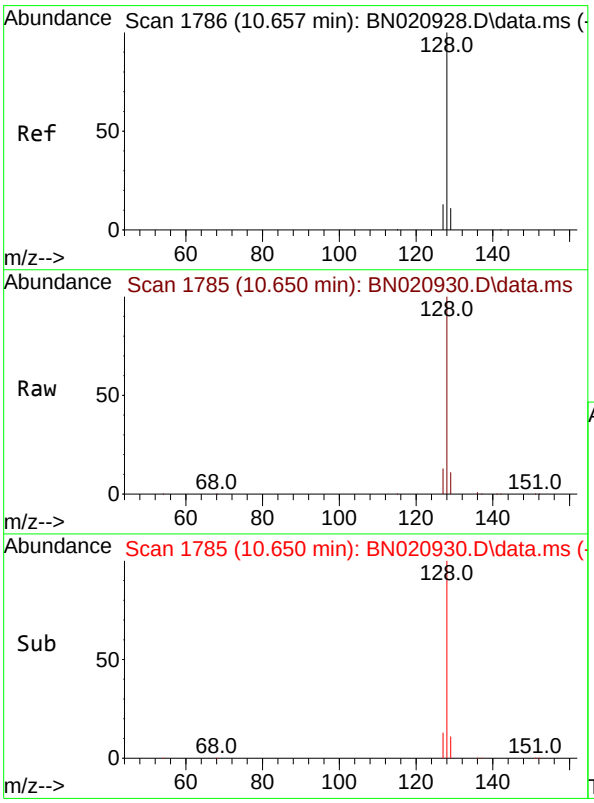
#2
1,4-Dioxane
Concen: 1.696 ng/ul
RT: 3.245 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion: 88 Resp: 5087

Ion	Ratio	Lower	Upper
88	100		
43	36.3	31.4	47.0
58	78.3	49.0	73.6#

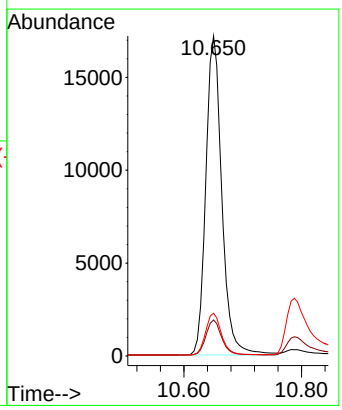


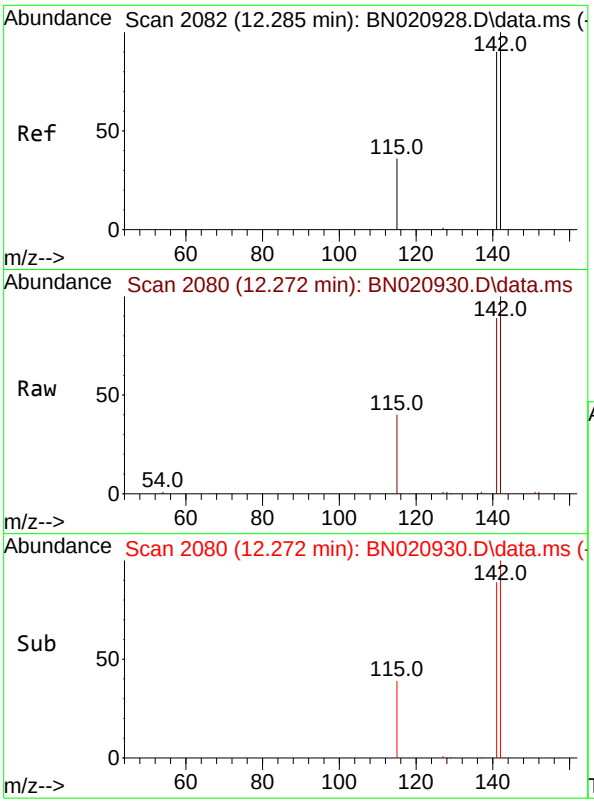


#5
Naphthalene
Concen: 1.366 ng/ul
RT: 10.650 min Scan# 1785
Delta R.T. -0.007 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:128 Resp: 32441

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.8	14.6
127	13.3	11.6	17.4



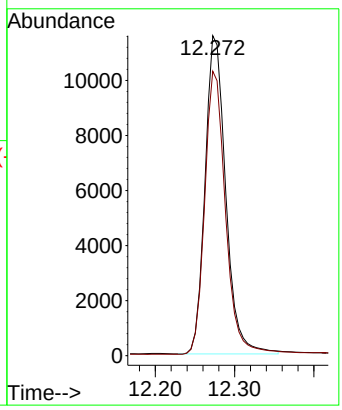


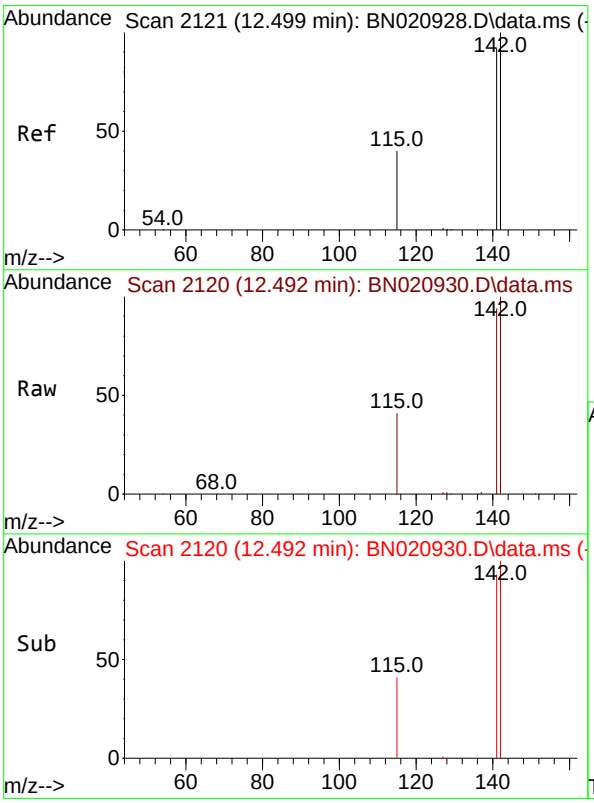
#7
2-Methylnaphthalene
Concen: 1.398 ng/ul
RT: 12.272 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:142 Resp: 20978

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2

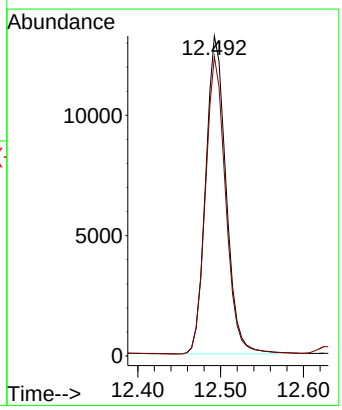


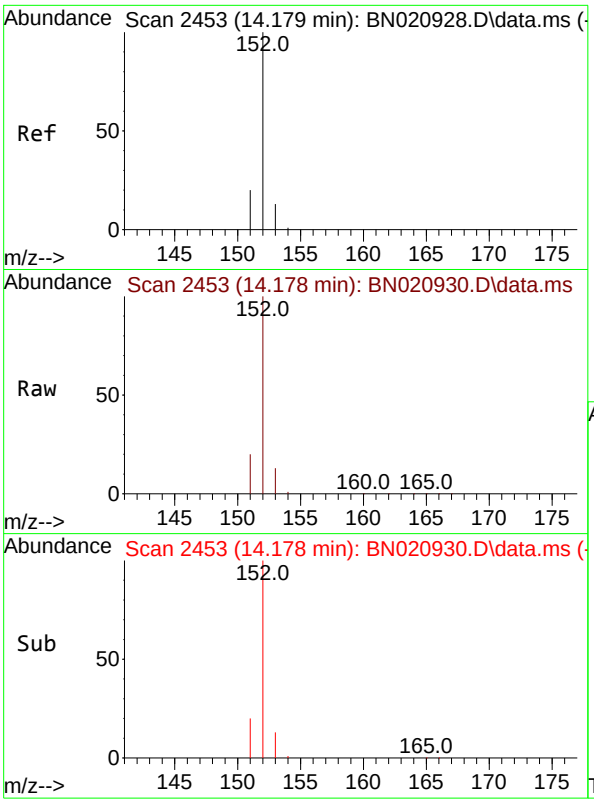


#8
1-Methylnaphthalene
Concen: 1.550 ng/ul
RT: 12.492 min Scan# 2120
Delta R.T. -0.007 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:142 Resp: 22529

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9



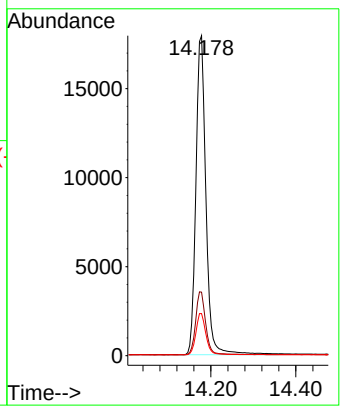


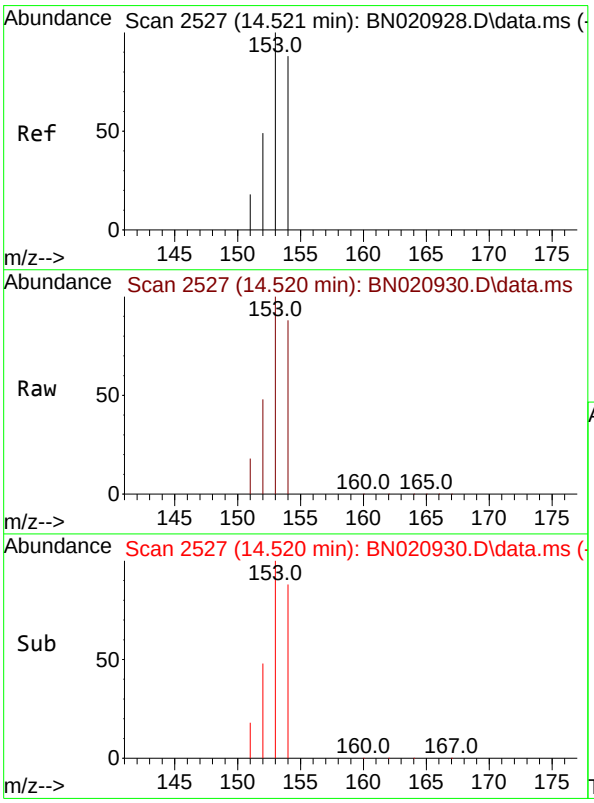
#10
Acenaphthylene
Concen: 1.351 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:152 Resp: 29445

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.9	25.3
153	13.2	11.2	16.8

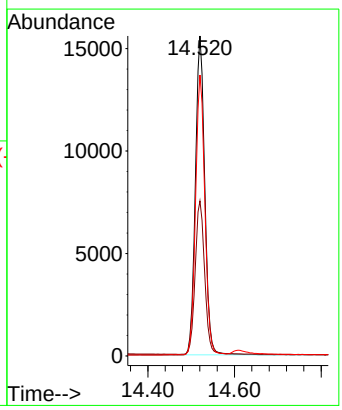


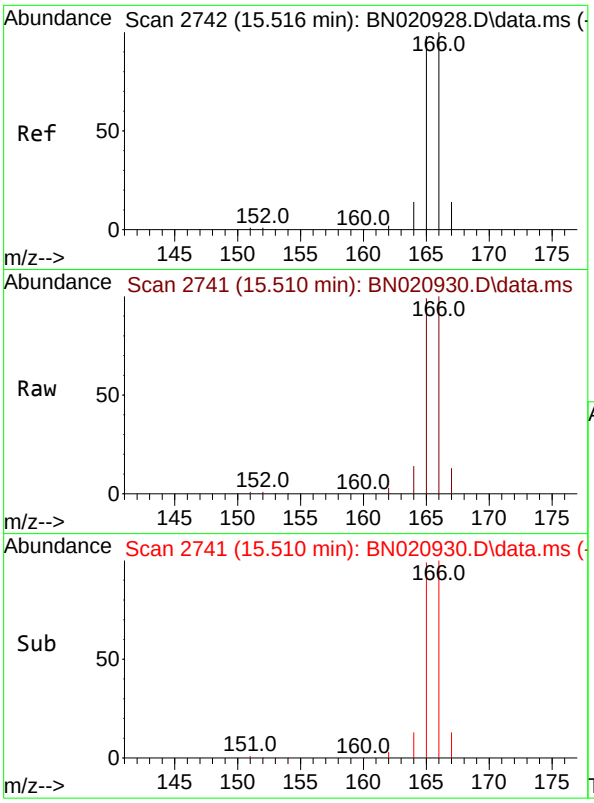


#11
Acenaphthene
Concen: 1.325 ng/ul
RT: 14.520 min Scan# 2527
Delta R.T. -0.001 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:153 Resp: 23358

Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.2	60.4
154	87.8	70.7	106.1



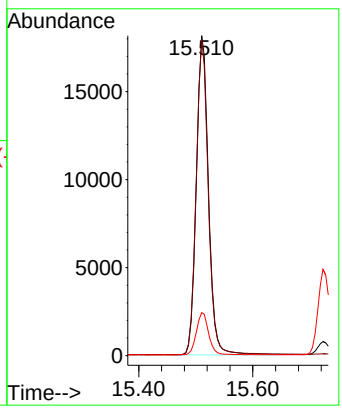


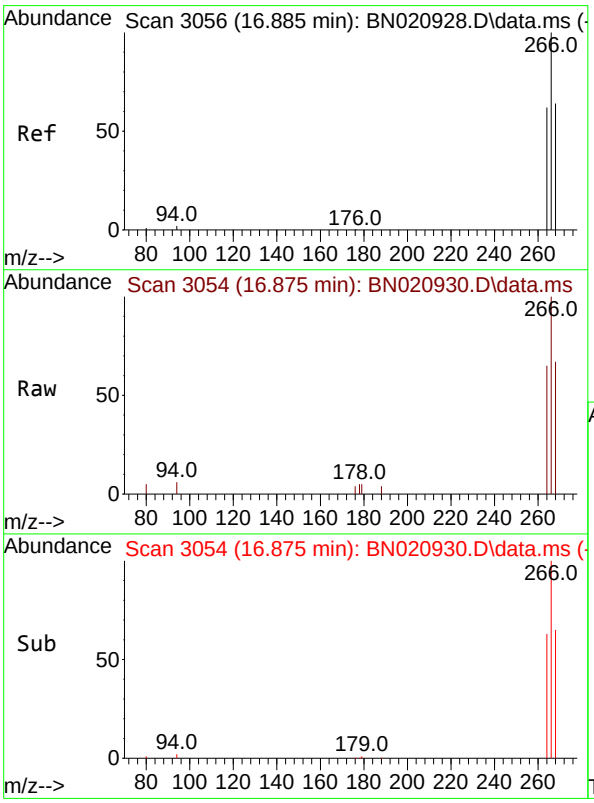
#12
Fluorene
Concen: 1.387 ng/ul
RT: 15.510 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:166 Resp: 26832

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	117.8
167	13.5	11.8	17.6

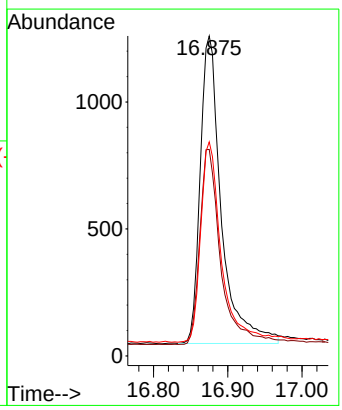


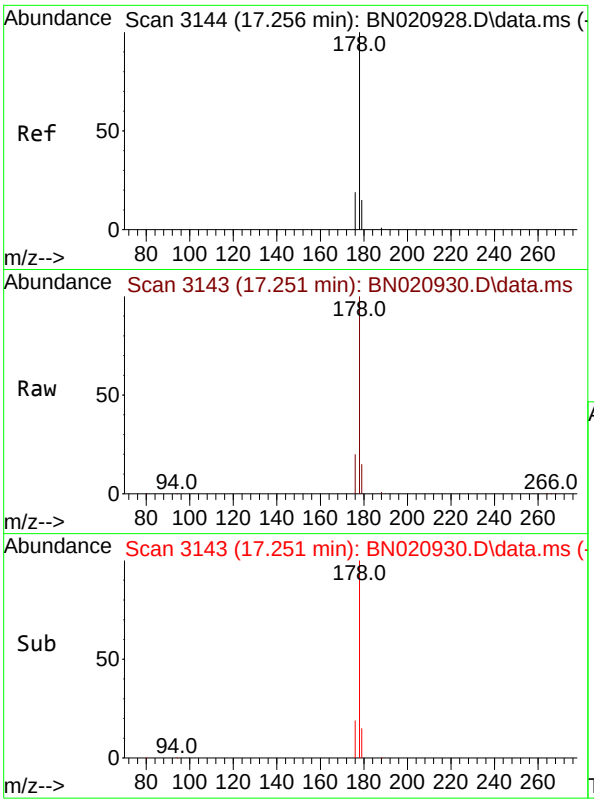


#14
Pentachlorophenol
Concen: 1.850 ng/ul
RT: 16.875 min Scan# 3054
Delta R.T. -0.010 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:266 Resp: 2391

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.8
268	64.0	50.6	75.8



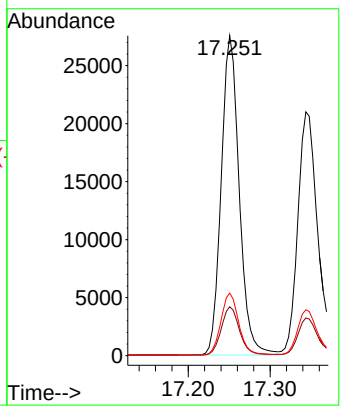


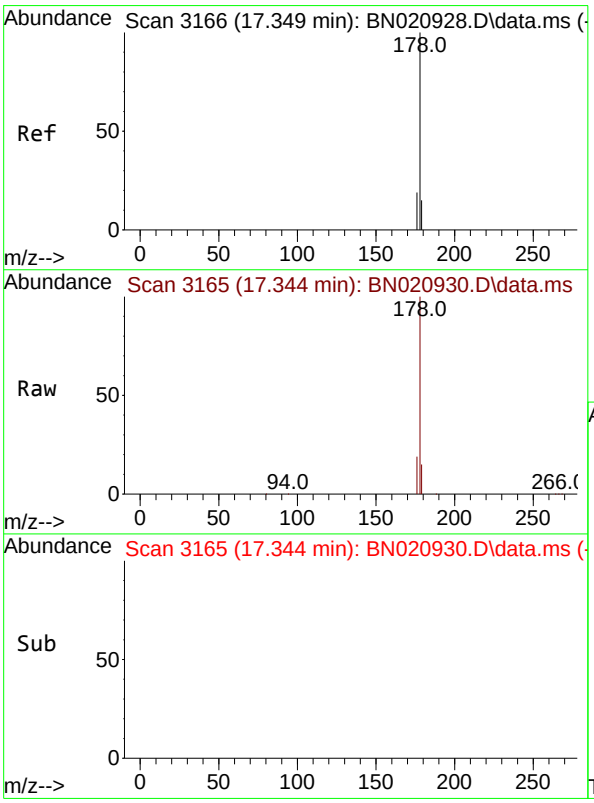
#15
Phenanthrene
Concen: 1.338 ng/ul
RT: 17.251 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:178 Resp: 42085

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	19.6	15.9	23.9

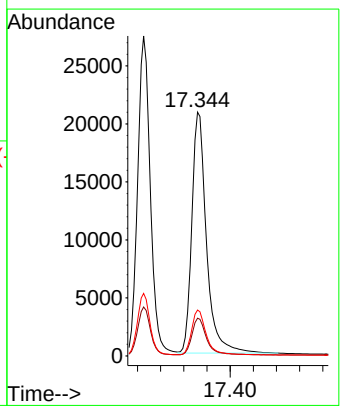


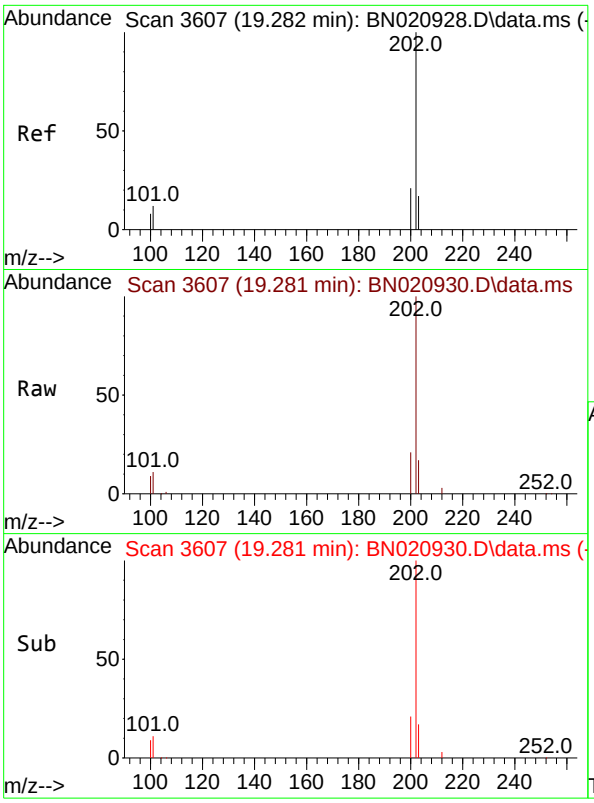


#16
Anthracene
Concen: 1.449 ng/ul
RT: 17.344 min Scan# 3165
Delta R.T. -0.005 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:178 Resp: 36509

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.8	15.9	23.9



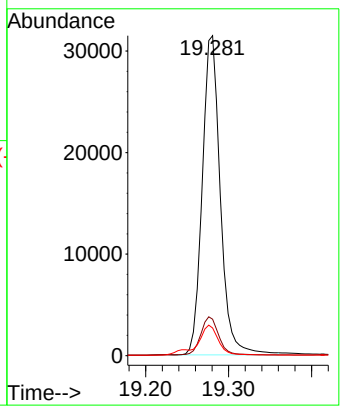


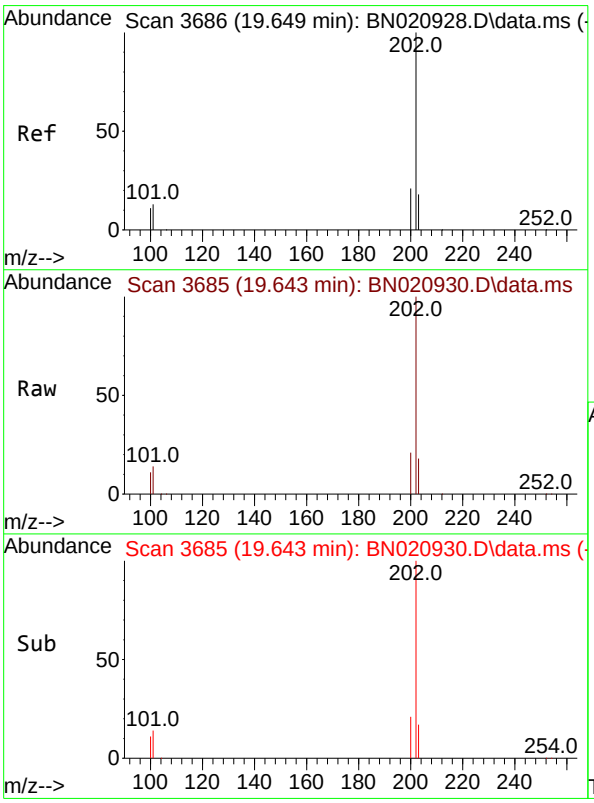
#19
Fluoranthene
Concen: 1.285 ng/ul
RT: 19.281 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:202 Resp: 47705

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.0	15.0
100	8.7	8.0	12.0

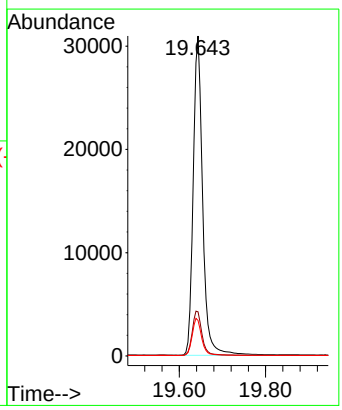


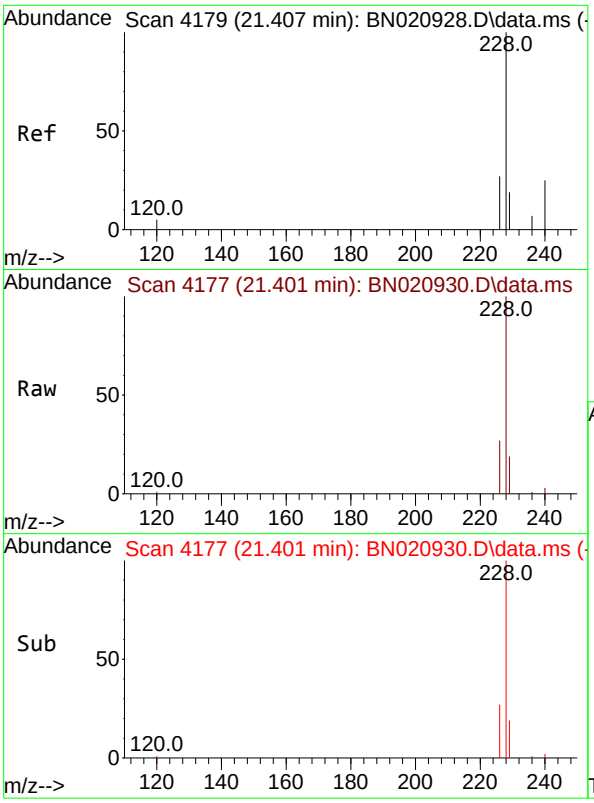


#20
Pyrene
Concen: 1.216 ng/ul
RT: 19.643 min Scan# 3685
Delta R.T. -0.006 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:202 Resp: 47129

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.3	16.9
100	11.1	9.0	13.4



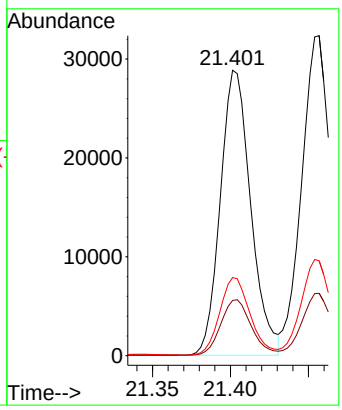


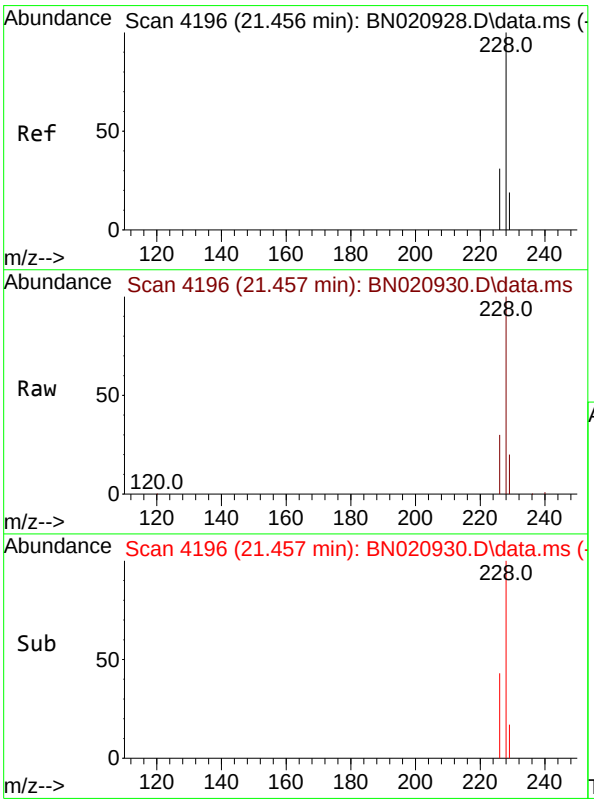
#21
Benzo(a)anthracene
Concen: 1.494 ng/ul
RT: 21.401 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:228 Resp: 39153

Ion	Ratio	Lower	Upper
228	100		
229	19.4	16.0	24.0
226	27.3	21.9	32.9

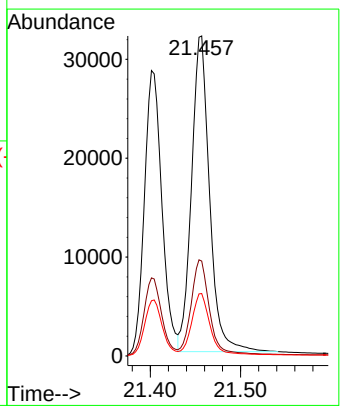


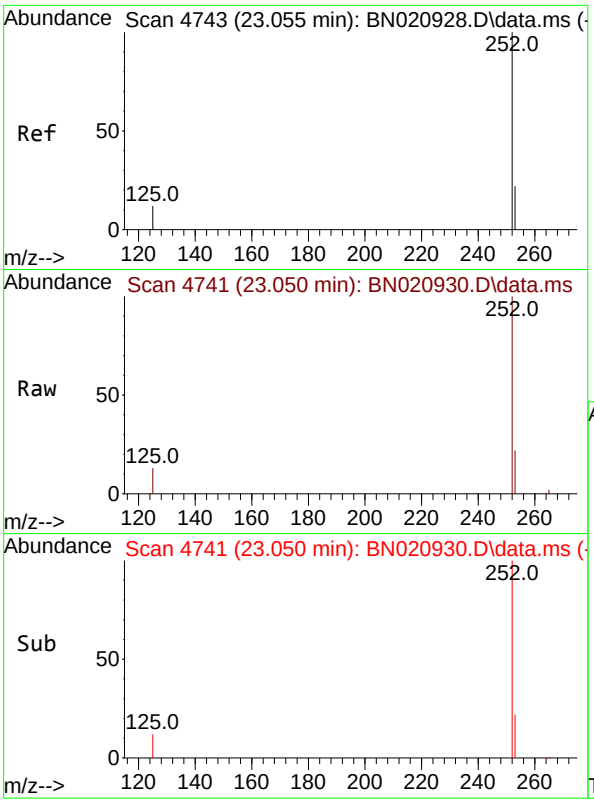


#22
Chrysene
Concen: 1.315 ng/ul
RT: 21.457 min Scan# 4196
Delta R.T. 0.001 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:228 Resp: 44344

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.6	37.0
229	19.5	15.8	23.8



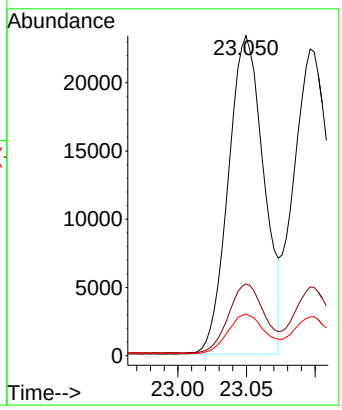


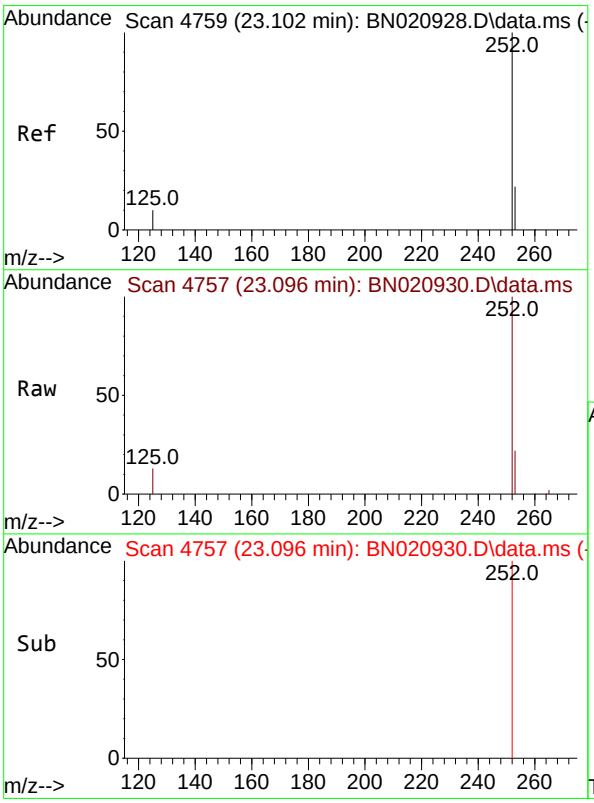
#24
Benzo(b)fluoranthene
Concen: 1.358 ng/ul
RT: 23.050 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:252 Resp: 42108

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	50.8
125	13.0	0.0	30.0

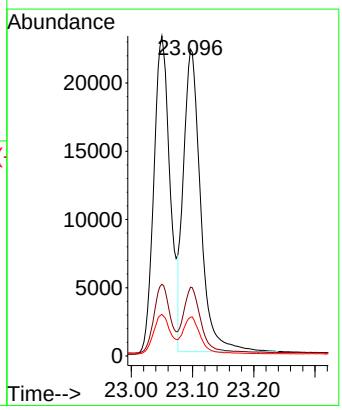


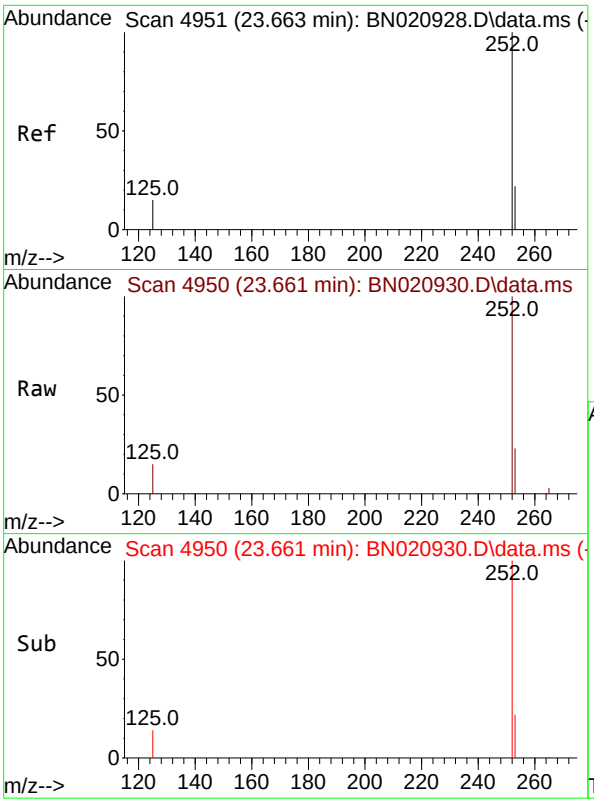


#25
Benzo(k)fluoranthene
Concen: 1.348 ng/ul
RT: 23.096 min Scan# 4757
Delta R.T. -0.005 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:252 Resp: 43234

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.6	31.0
125	12.6	11.8	17.6



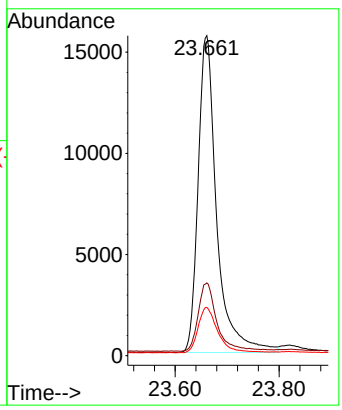


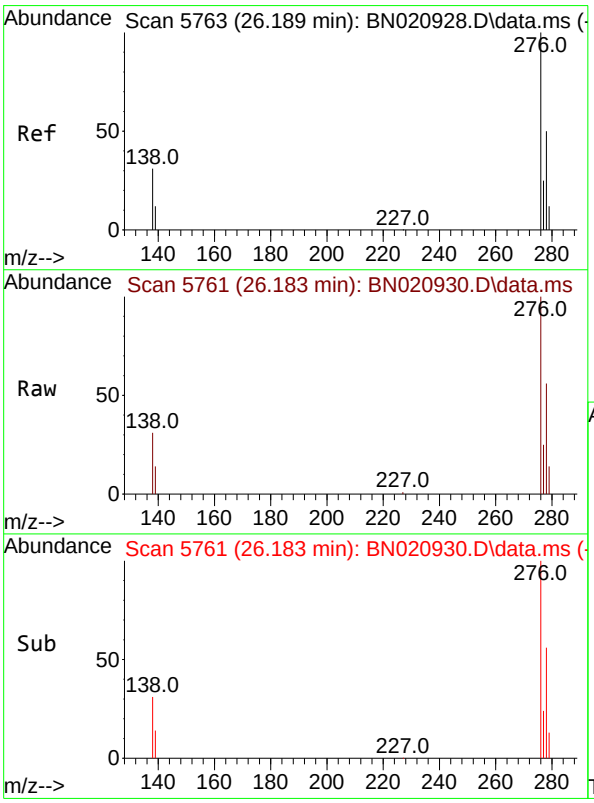
#26
Benzo(a)pyrene
Concen: 1.363 ng/ul
RT: 23.661 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:252 Resp: 38955

Ion	Ratio	Lower	Upper
252	100		
253	22.7	22.1	33.1
125	15.1	14.7	22.1

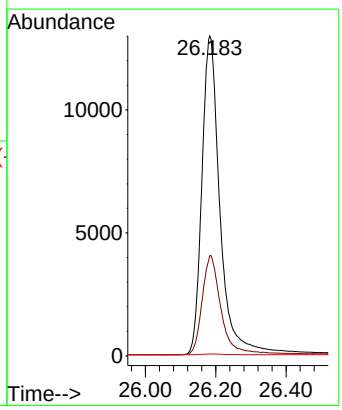


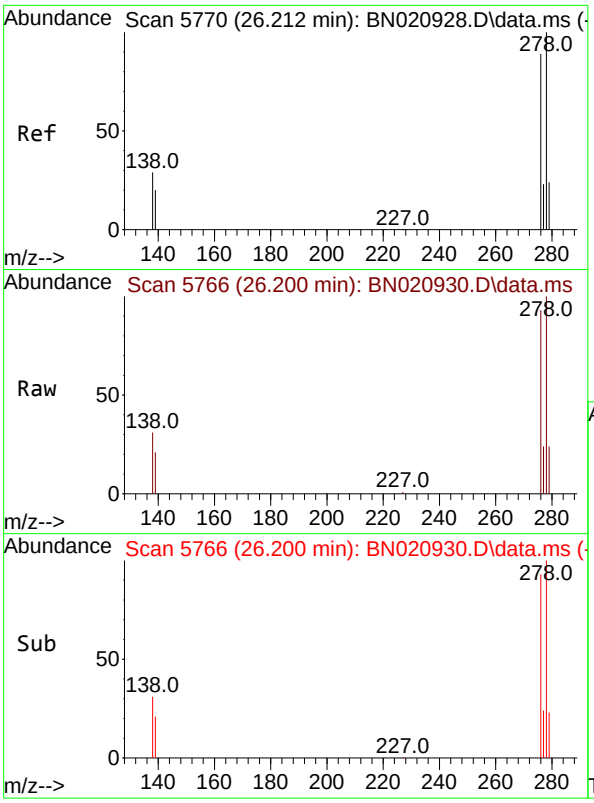


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.536 ng/ul
RT: 26.183 min Scan# 5761
Delta R.T. -0.006 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:276 Resp: 46195

Ion	Ratio	Lower	Upper
276	100		
138	32.4	26.1	39.1
227	0.3	0.1	0.1#



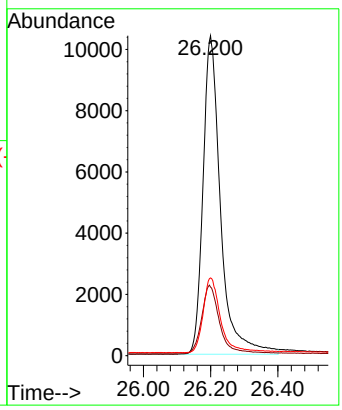


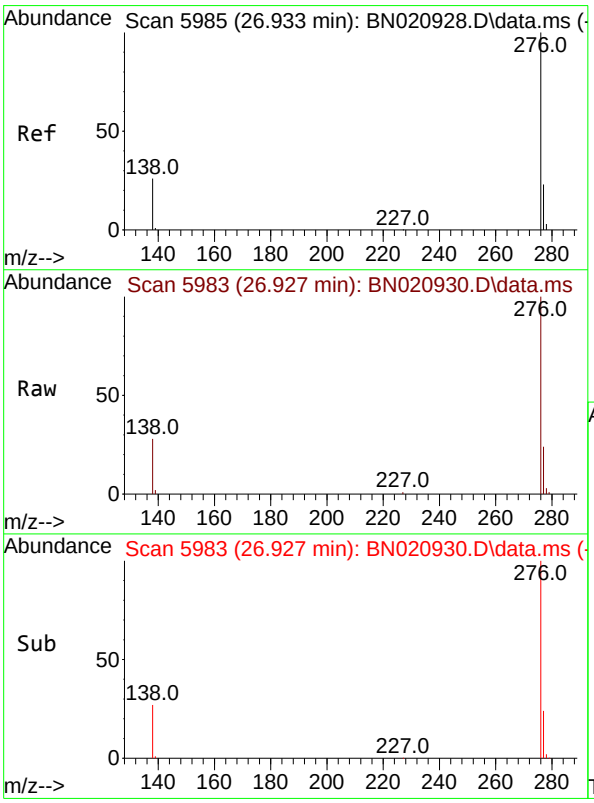
#28
Dibenzo(a,h)anthracene
Concen: 1.640 ng/ul
RT: 26.200 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Instrument :
BNA_N
ClientSampleId :
SSTD1.6227

Tgt Ion:278 Resp: 37606

Ion	Ratio	Lower	Upper
278	100		
139	21.4	18.3	27.5
279	24.3	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 1.485 ng/ul
RT: 26.927 min Scan# 5983
Delta R.T. -0.006 min
Lab File: BN020930.D
Acq: 01 Aug 2022 21:27

Tgt Ion:276 Resp: 40264

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.6	34.0
277	24.4	20.2	30.2