Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
Data File : BN020382.D
Acq On : 23 Jun 2022 21:36
Operator : CG/JU
Sample : SSTD1.613
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Quant Time: Jun 24 00:03:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 23 23:59:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	3570	0.400	ng/ul	0.00
4) Naphthalene-d8	10.534	136	11533	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.380	164	7548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	16924	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	15647	0.400	ng/ul	0.00
23) Perylene-d12	23.592	264	11445	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	6369	1.562	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.128	152	30435	1.596	ng/ul	0.00
18) Fluoranthene-d10	19.149	212	77983	2.414	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	6614	1.686	ng/ul#	83
5) Naphthalene	10.583	128	49221	1.334	ng/ul	97
7) 2-Methylnaphthalene	12.200	142	33656	1.411	ng/ul	99
8) 1-Methylnaphthalene	12.420	142	35978	1.533	ng/ul	100
10) Acenaphthylene	14.098	152	51928	1.438	ng/ul	99
11) Acenaphthene	14.440	153	39679	1.150	ng/ul	99
12) Fluorene	15.426	166	47543	1.330	ng/ul	98
14) Pentachlorophenol	16.781	266	5550	1.708	ng/ul	98
15) Phenanthrene	17.161	178	81196	1.326	ng/ul	99
16) Anthracene	17.250	178	73745	1.423	ng/ul	99
19) Fluoranthene	19.177	202	95308	1.509	ng/ul	100
20) Pyrene	19.544	202	95671	1.398	ng/ul	98
21) Benzo(a)anthracene	21.292	228	80874	1.331	ng/ul	99
22) Chrysene	21.344	228	86042	1.138	ng/ul	99
24) Benzo(b)fluoranthene	22.899	252	74634	0.913	ng/ul	94
25) Benzo(k)fluoranthene	22.946	252	76337	1.002	ng/ul	95
26) Benzo(a)pyrene	23.490	252	67515	1.304	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.926	276	67319	0.799	ng/ul	97
28) Dibenzo(a,h)anthracene	25.943	278	55029	0.819	ng/ul	95
29) Benzo(g,h,i)perylene	26.641	276	56015	0.753	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
Data File : BN020382.D
Acq On : 23 Jun 2022 21:36
Operator : CG/JU
Sample : SSTD1.613
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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SSTD1.6213

Quant Time: Jun 24 00:03:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 23 23:59:02 2022
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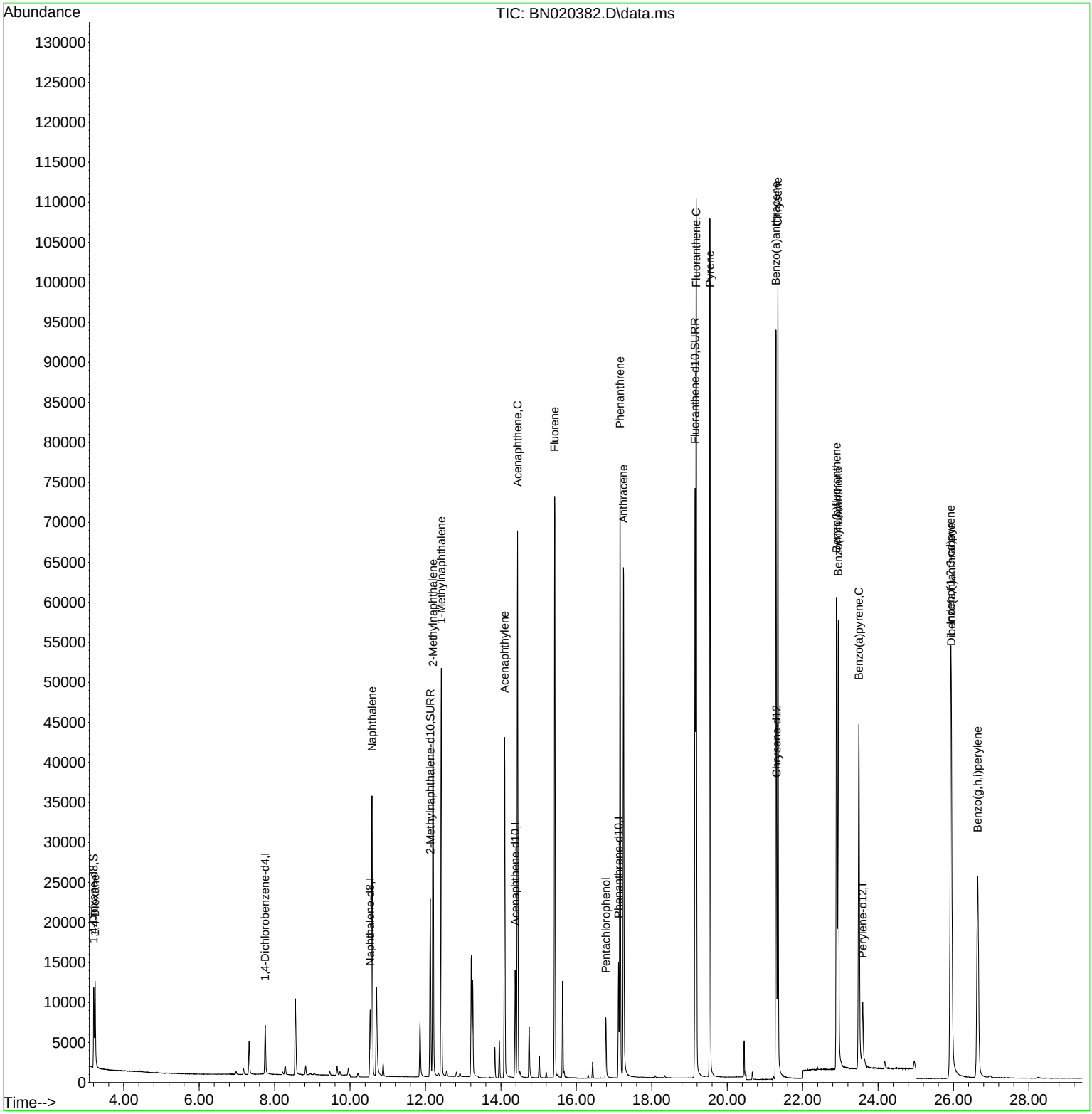
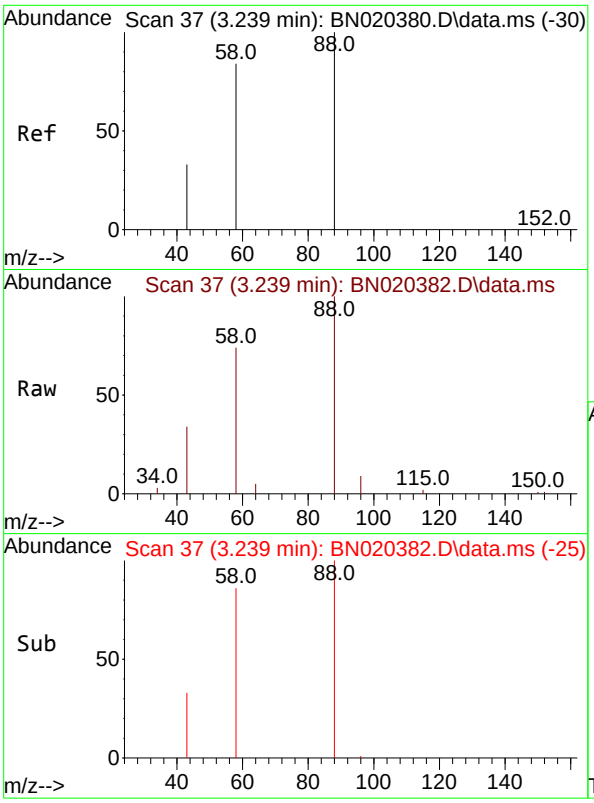


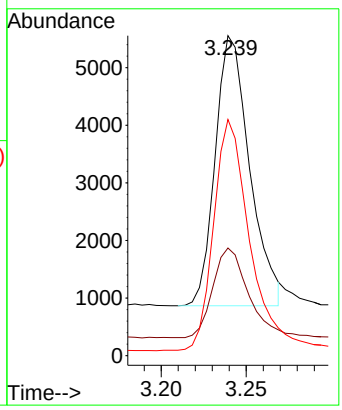


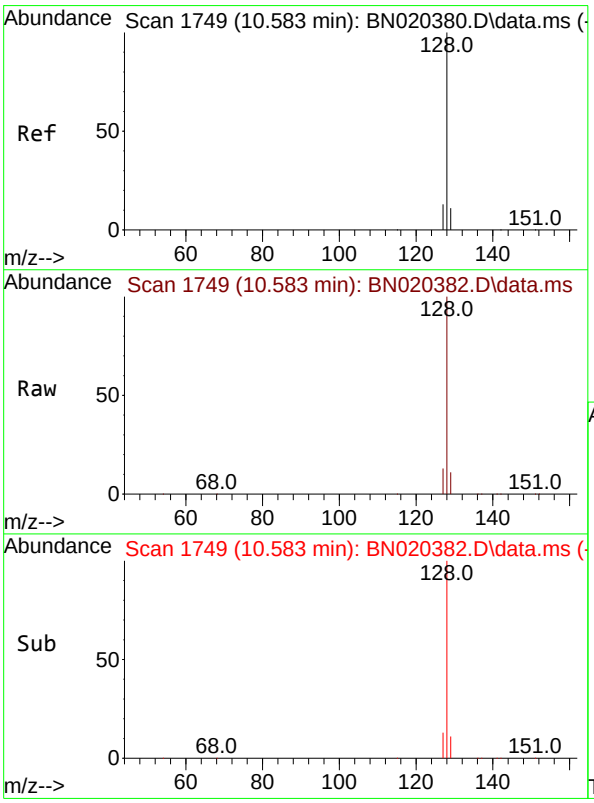
#2
1,4-Dioxane
Concen: 1.686 ng/ul
RT: 3.239 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion: 88 Resp: 6614

Ion	Ratio	Lower	Upper
88	100		
43	33.7	32.5	48.7
58	73.8	46.2	69.2#

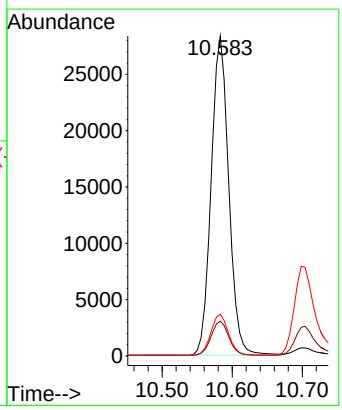


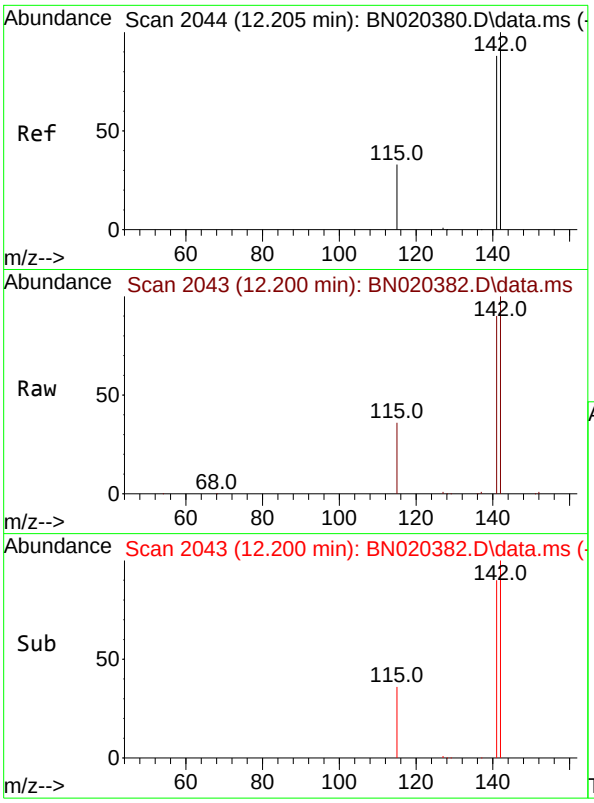


#5
Naphthalene
Concen: 1.334 ng/ul
RT: 10.583 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:128 Resp: 49221

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.5	14.3
127	13.0	11.3	16.9



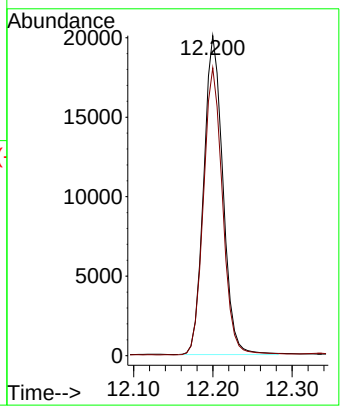


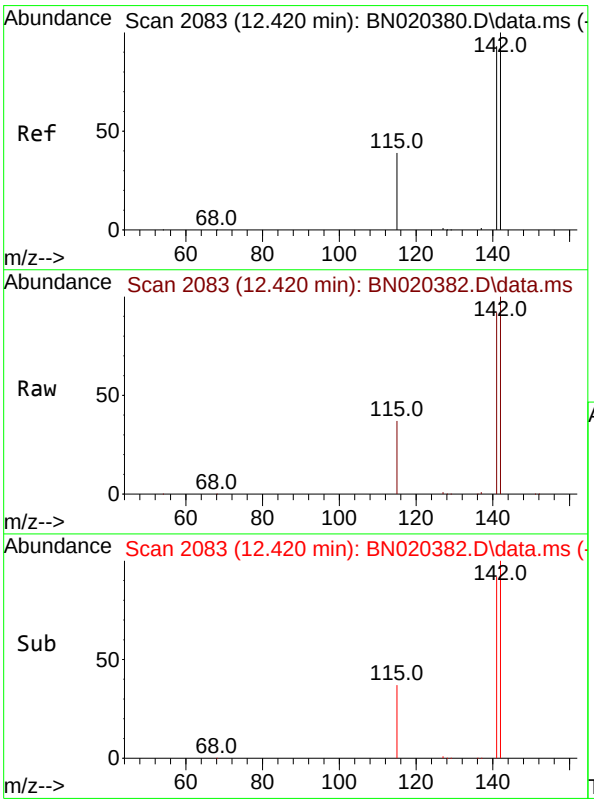
#7
2-Methylnaphthalene
Concen: 1.411 ng/ul
RT: 12.200 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:142 Resp: 33656

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.1	108.1

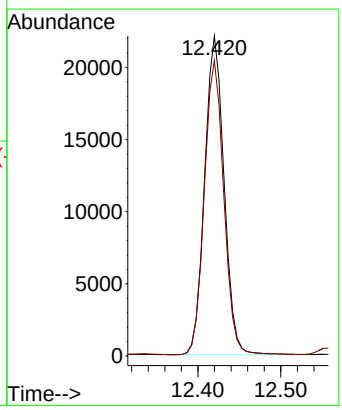


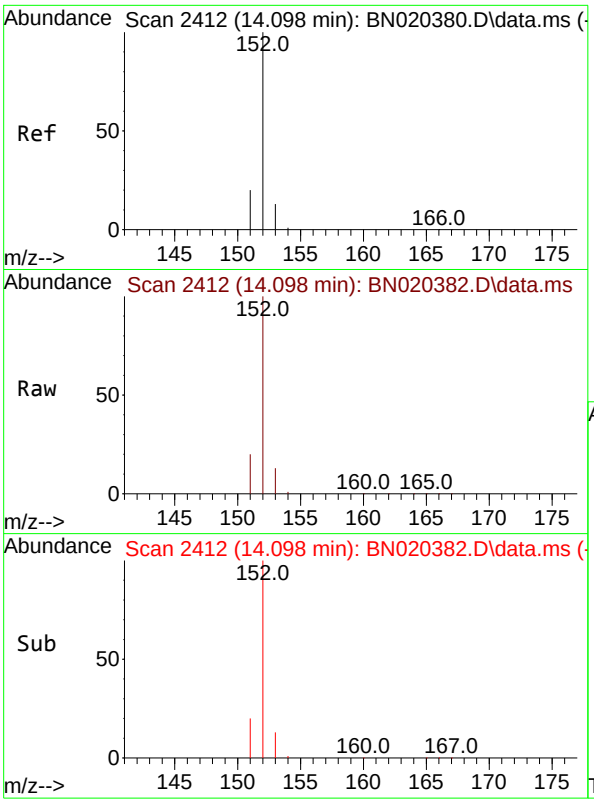


#8
1-Methylnaphthalene
Concen: 1.533 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:142 Resp: 35978

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5



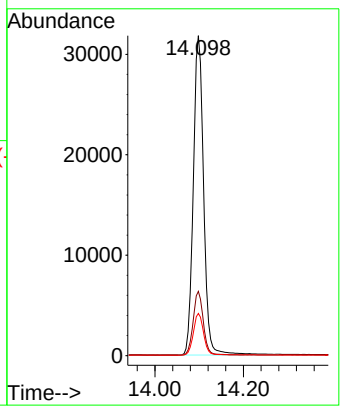


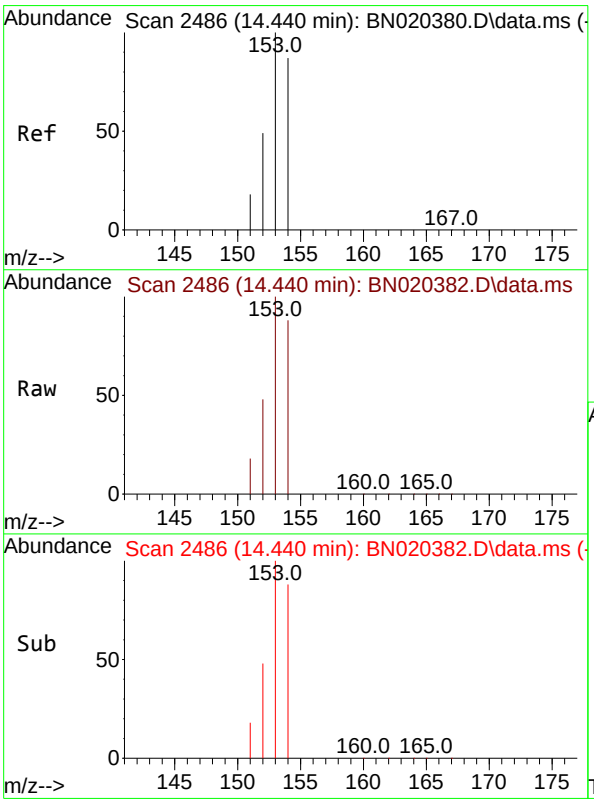
#10
Acenaphthylene
Concen: 1.438 ng/ul
RT: 14.098 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:152 Resp: 51928

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.2	11.1	16.7

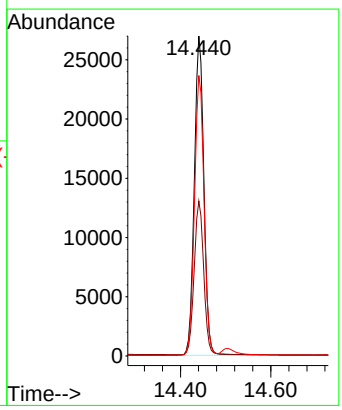


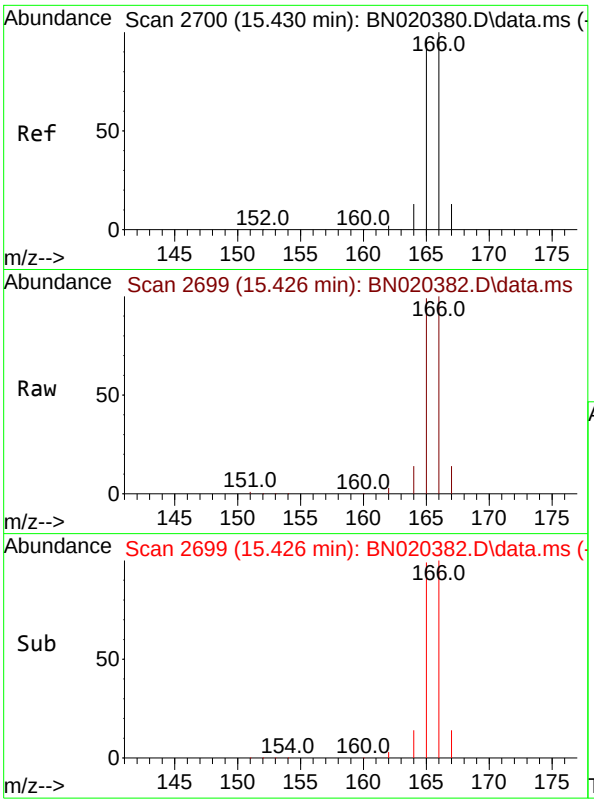


#11
Acenaphthene
Concen: 1.150 ng/ul
RT: 14.440 min Scan# 2486
Delta R.T. 0.000 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:153 Resp: 39679

Ion	Ratio	Lower	Upper
153	100		
152	48.4	40.0	60.0
154	87.7	70.0	105.0



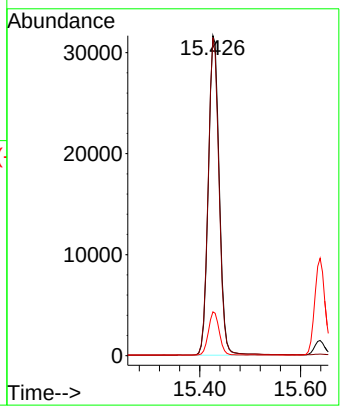


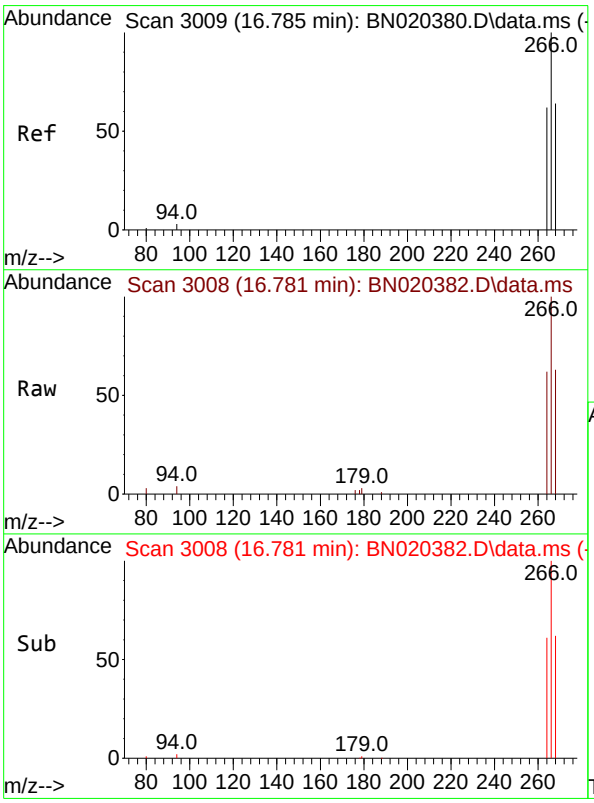
#12
Fluorene
Concen: 1.330 ng/ul
RT: 15.426 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:166 Resp: 47543

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.2	117.2
167	13.7	11.3	16.9

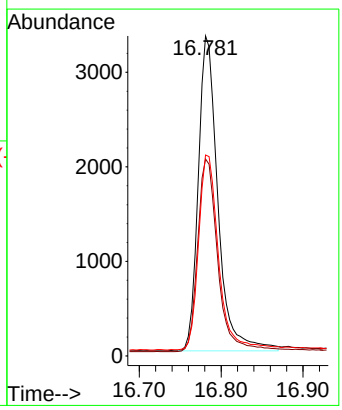


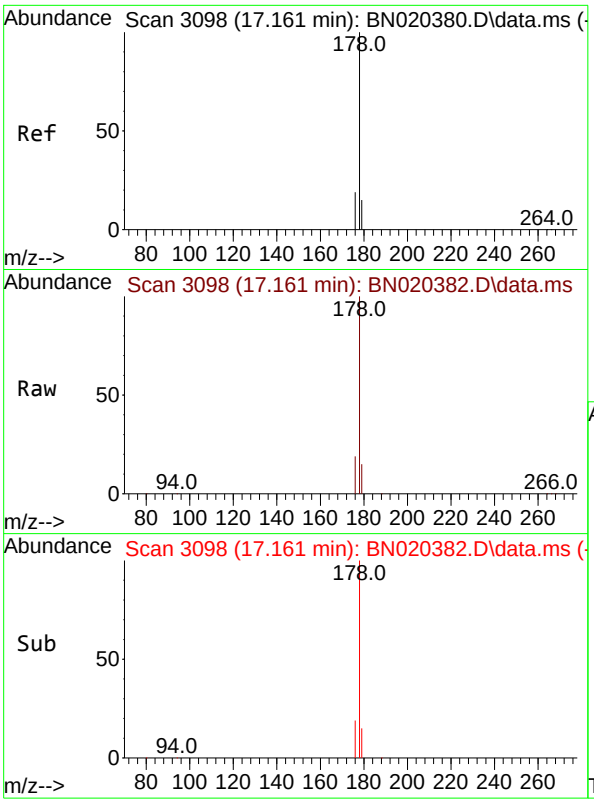


#14
Pentachlorophenol
Concen: 1.708 ng/ul
RT: 16.781 min Scan# 3008
Delta R.T. -0.004 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:266 Resp: 5550

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.6	77.4
268	63.3	51.5	77.3



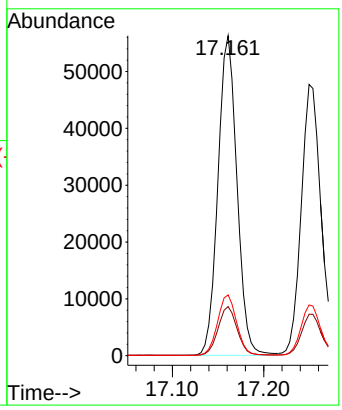


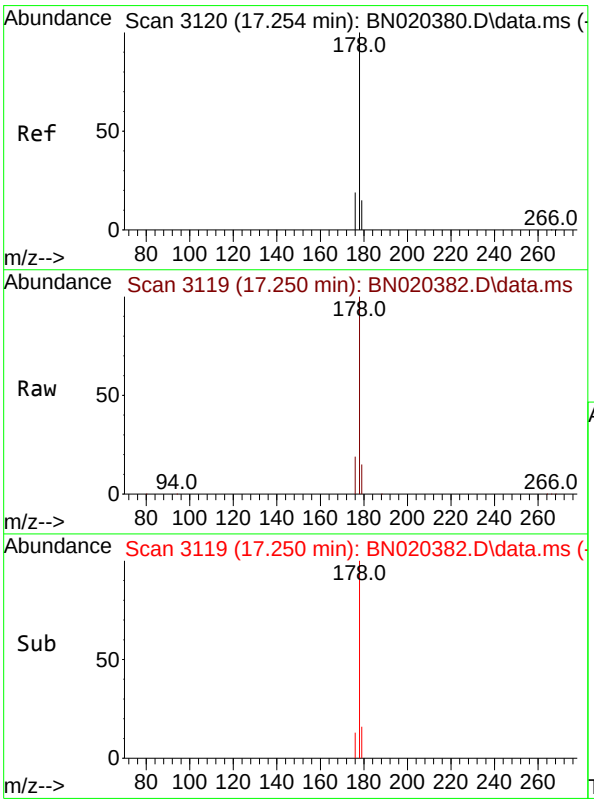
#15
Phenanthrene
Concen: 1.326 ng/ul
RT: 17.161 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:178 Resp: 81196

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.0	15.8	23.6

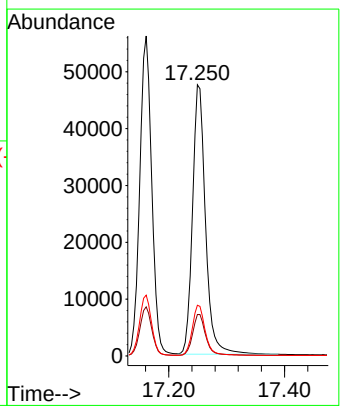


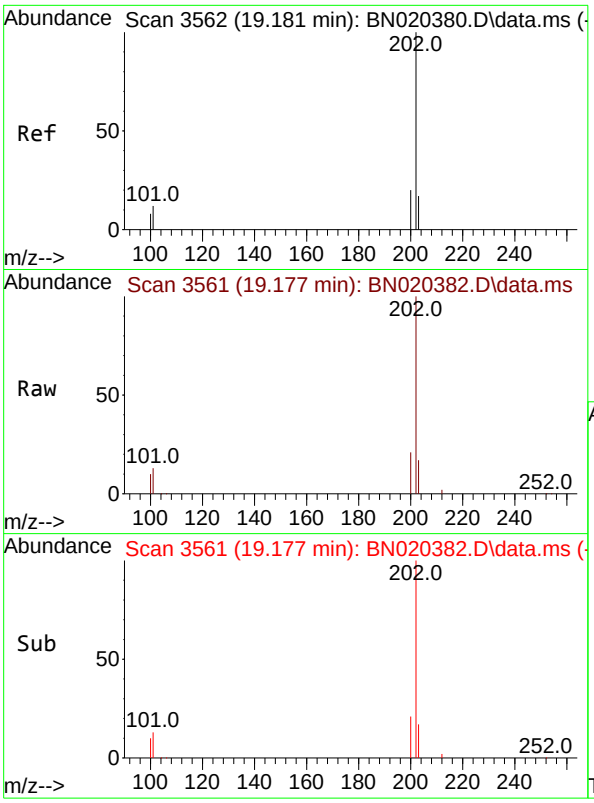


#16
Anthracene
Concen: 1.423 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:178 Resp: 73745

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.7	15.2	22.8



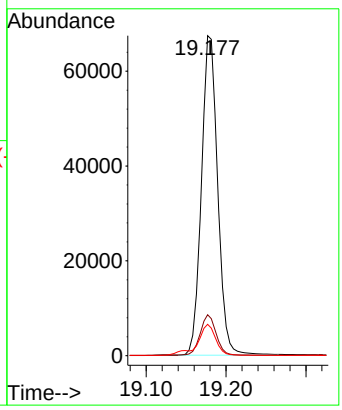


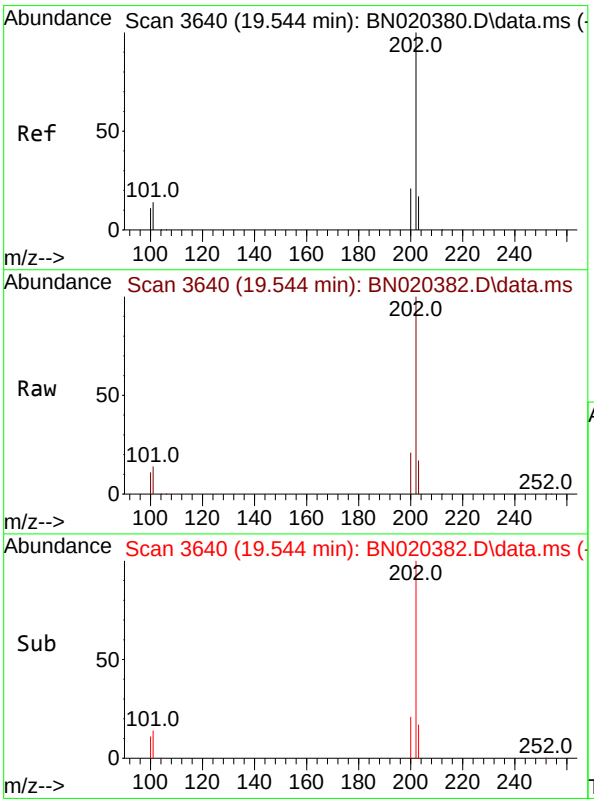
#19
Fluoranthene
Concen: 1.509 ng/ul
RT: 19.177 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:202 Resp: 95308

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
100	9.8	7.8	11.6

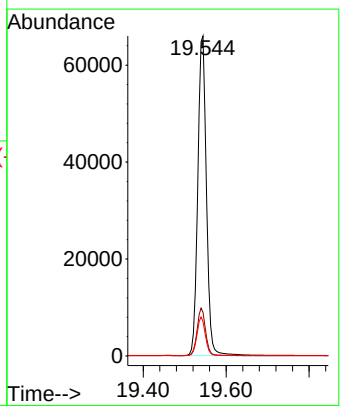


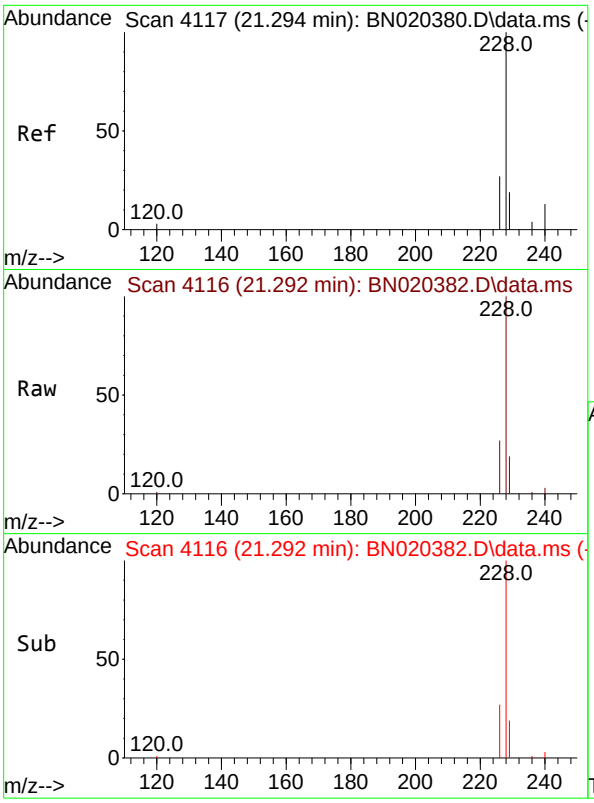


#20
Pyrene
Concen: 1.398 ng/ul
RT: 19.544 min Scan# 3640
Delta R.T. 0.000 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:202 Resp: 95671

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.6	17.4
100	10.8	9.2	13.8



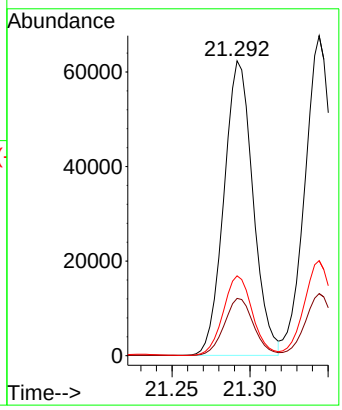


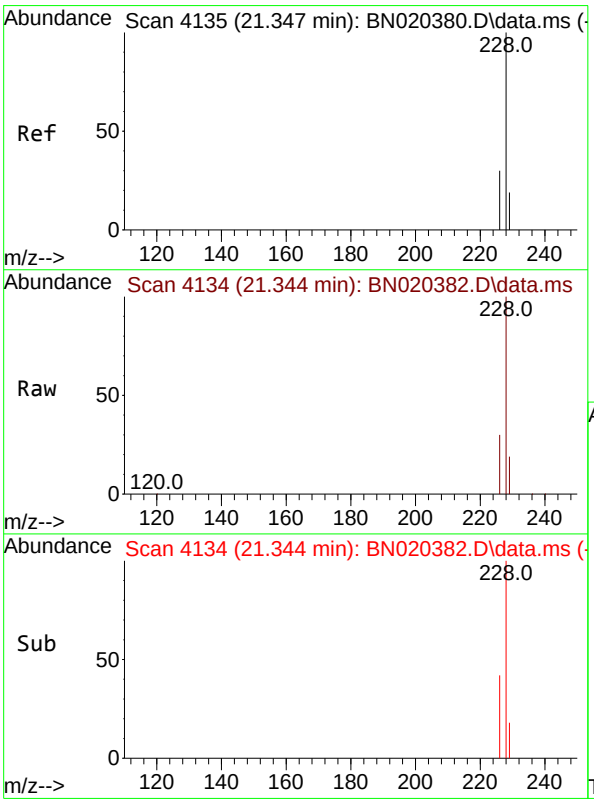
#21
Benzo(a)anthracene
Concen: 1.331 ng/ul
RT: 21.292 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:228 Resp: 80874

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.9	23.9
226	27.1	22.2	33.2

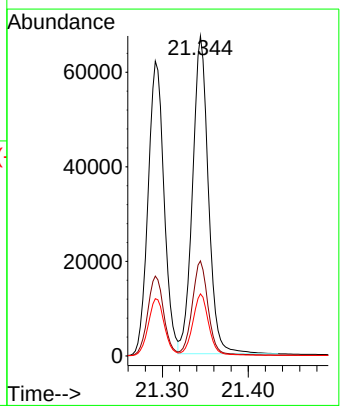


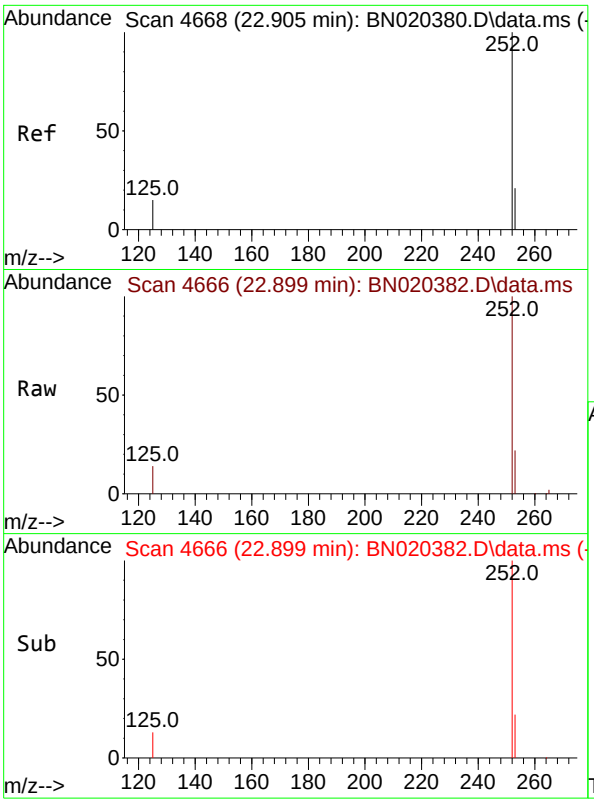


#22
Chrysene
Concen: 1.138 ng/ul
RT: 21.344 min Scan# 4134
Delta R.T. -0.003 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:228 Resp: 86042

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.4	15.8	23.8



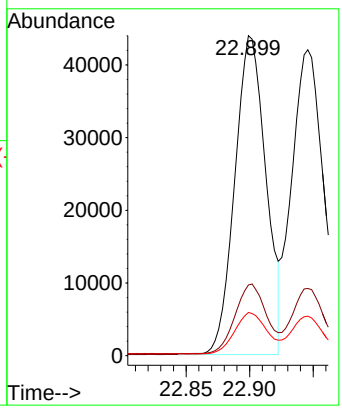


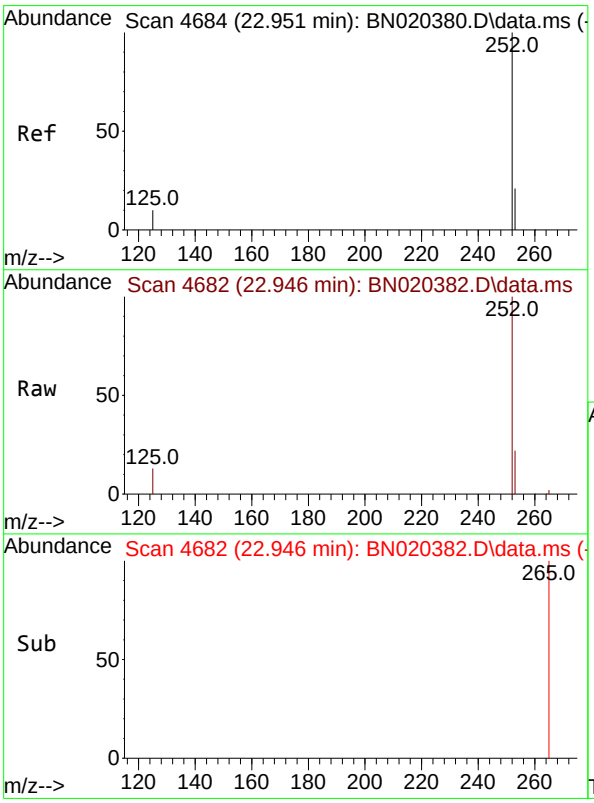
#24
Benzo(b)fluoranthene
Concen: 0.913 ng/ul
RT: 22.899 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:252 Resp: 74634

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	48.6
125	13.5	0.0	34.0

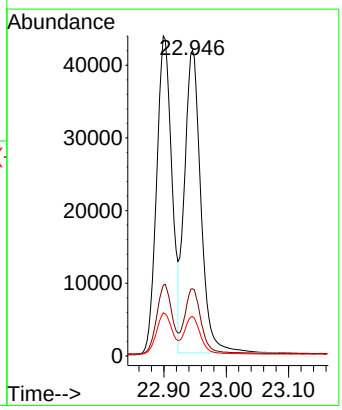


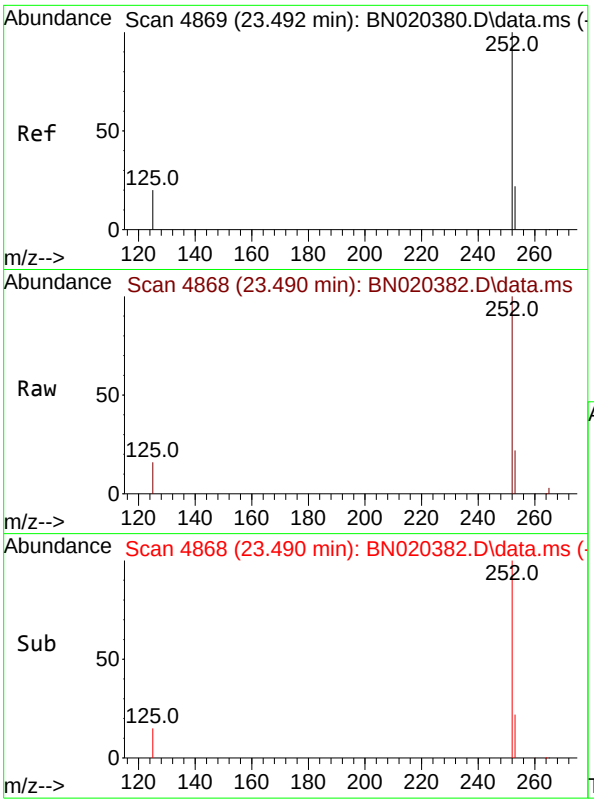


#25
Benzo(k)fluoranthene
Concen: 1.002 ng/ul
RT: 22.946 min Scan# 4682
Delta R.T. -0.006 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:252 Resp: 76337

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.7	29.5
125	12.9	12.0	18.0



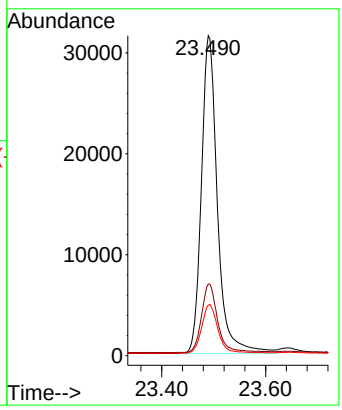


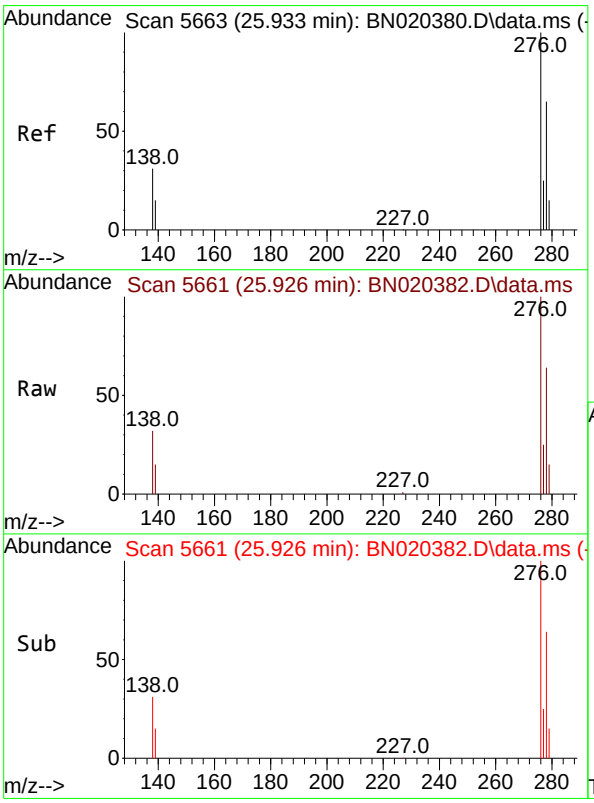
#26
Benzo(a)pyrene
Concen: 1.304 ng/ul
RT: 23.490 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:252 Resp: 67515

Ion	Ratio	Lower	Upper
252	100		
253	22.4	21.0	31.4
125	15.7	18.8	28.2#

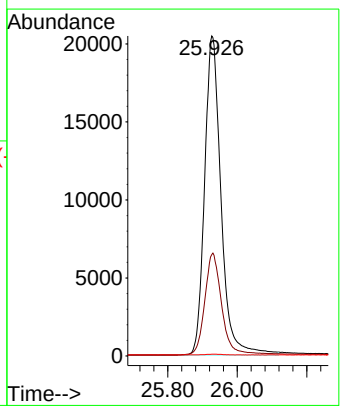


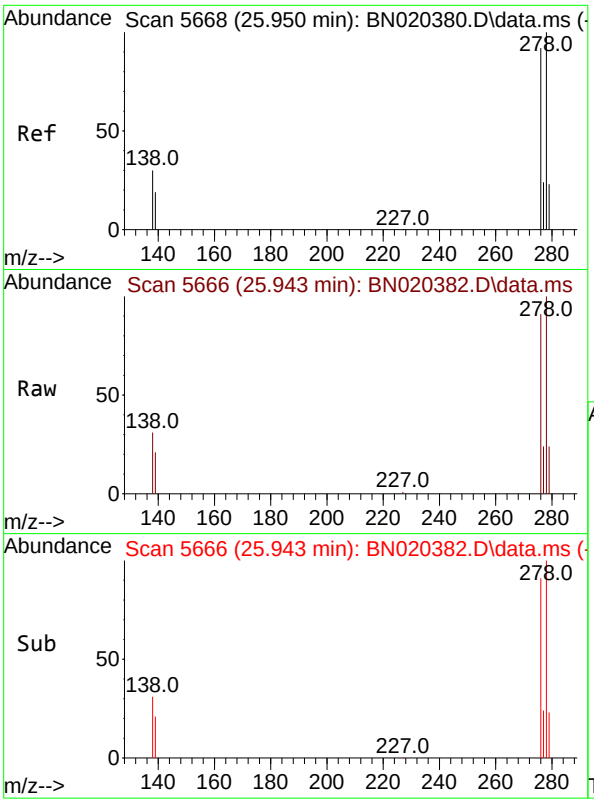


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.799 ng/ul
RT: 25.926 min Scan# 5661
Delta R.T. -0.007 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:276 Resp: 67319

Ion	Ratio	Lower	Upper
276	100		
138	32.7	27.4	41.2
227	0.2	0.2	0.2



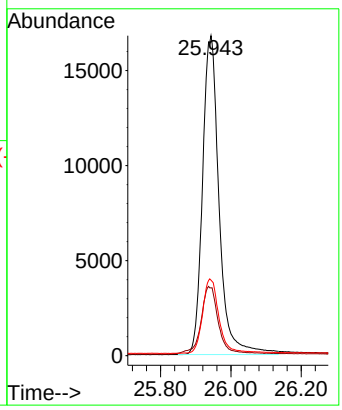


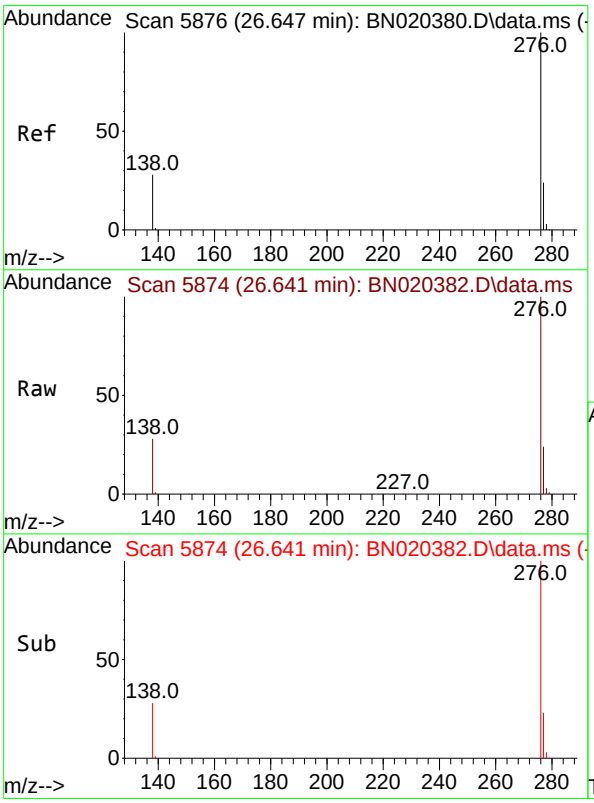
#28
Dibenzo(a,h)anthracene
Concen: 0.819 ng/ul
RT: 25.943 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6213

Tgt Ion:278 Resp: 55029

Ion	Ratio	Lower	Upper
278	100		
139	21.2	18.8	28.2
279	23.6	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.753 ng/ul
RT: 26.641 min Scan# 5874
Delta R.T. -0.007 min
Lab File: BN020382.D
Acq: 23 Jun 2022 21:36

Tgt Ion:276 Resp: 56015

Ion	Ratio	Lower	Upper
276	100		
138	28.2	23.5	35.3
277	23.6	20.1	30.1