Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
Data File : BN020931.D
Acq On : 01 Aug 2022 22:04
Operator : CG/JU
Sample : SSTD3.227
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Quant Time: Aug 02 03:36:34 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	2542	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7939	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	4578	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	8936	0.400	ng/ul	0.00
17) Chrysene-d12	21.415	240	8569	0.400	ng/ul	0.00
23) Perylene-d12	23.765	264	7007	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.207	96	9691	3.173	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	40673	3.372	ng/ul	-0.01
18) Fluoranthene-d10	19.249	212	84071	3.072	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	10632	3.388	ng/ul#	81
5) Naphthalene	10.646	128	68560	2.755	ng/ul	97
7) 2-Methylnaphthalene	12.274	142	45072	2.866	ng/ul	99
8) 1-Methylnaphthalene	12.493	142	47838	3.141	ng/ul	100
10) Acenaphthylene	14.174	152	66832	2.935	ng/ul	98
11) Acenaphthene	14.521	153	49639	2.696	ng/ul	99
12) Fluorene	15.511	166	56885	2.815	ng/ul	100
14) Pentachlorophenol	16.872	266	5921	4.400	ng/ul	99
15) Phenanthrene	17.252	178	89969	2.746	ng/ul	98
16) Anthracene	17.345	178	81982	3.125	ng/ul	98
19) Fluoranthene	19.277	202	103319	2.575	ng/ul	98
20) Pyrene	19.640	202	102023	2.437	ng/ul	99
21) Benzo(a)anthracene	21.401	228	90386	3.193	ng/ul	99
22) Chrysene	21.453	228	96122	2.637	ng/ul	99
24) Benzo(b)fluoranthene	23.049	252	94457	2.845	ng/ul	93
25) Benzo(k)fluoranthene	23.096	252	94355	2.748	ng/ul	93
26) Benzo(a)pyrene	23.654	252	87682	2.864	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.179	276	101757	3.159	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.196	278	83452	3.398	ng/ul#	92
29) Benzo(g,h,i)perylene	26.917	276	88115	3.035	ng/ul	98

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

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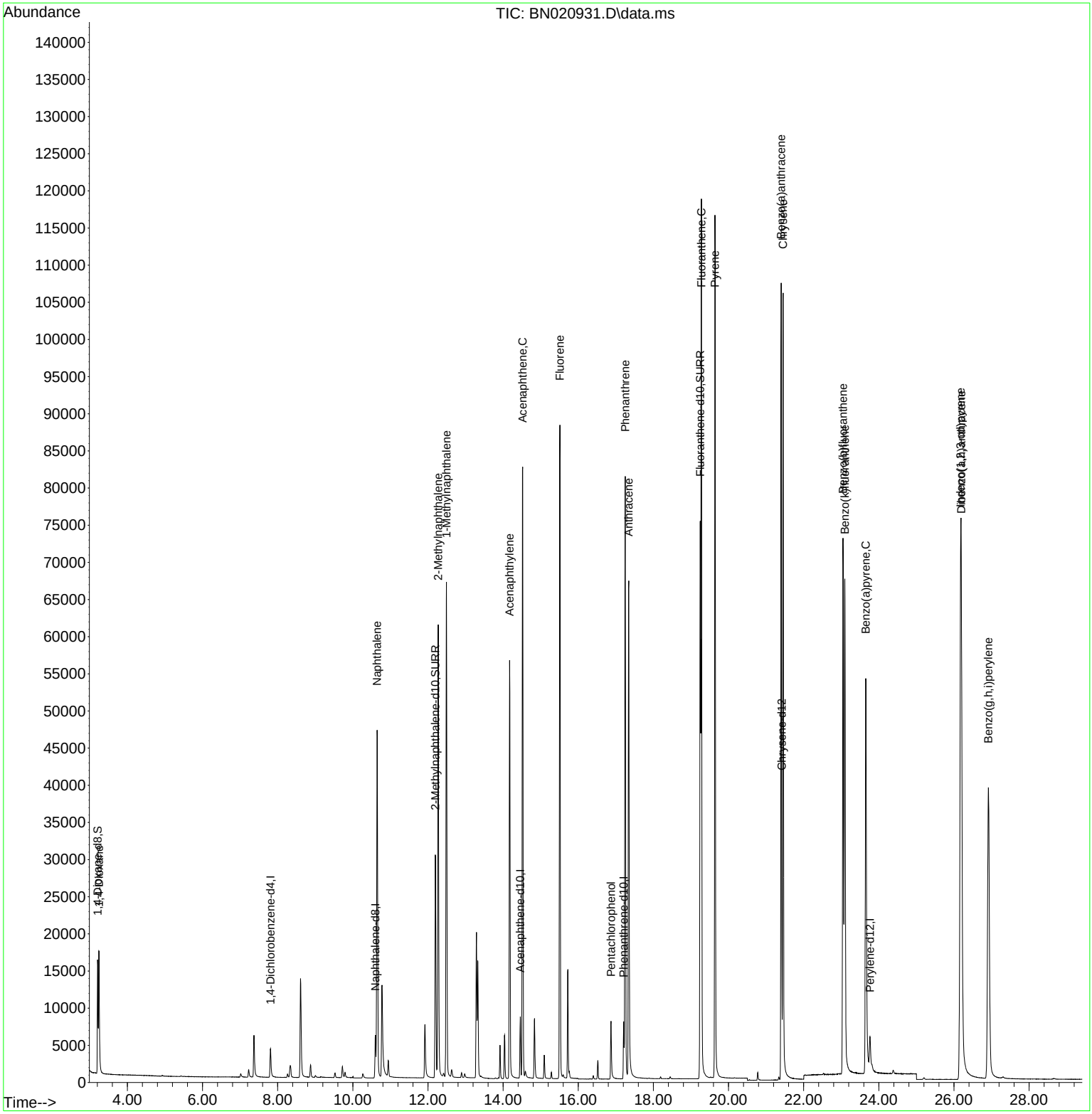
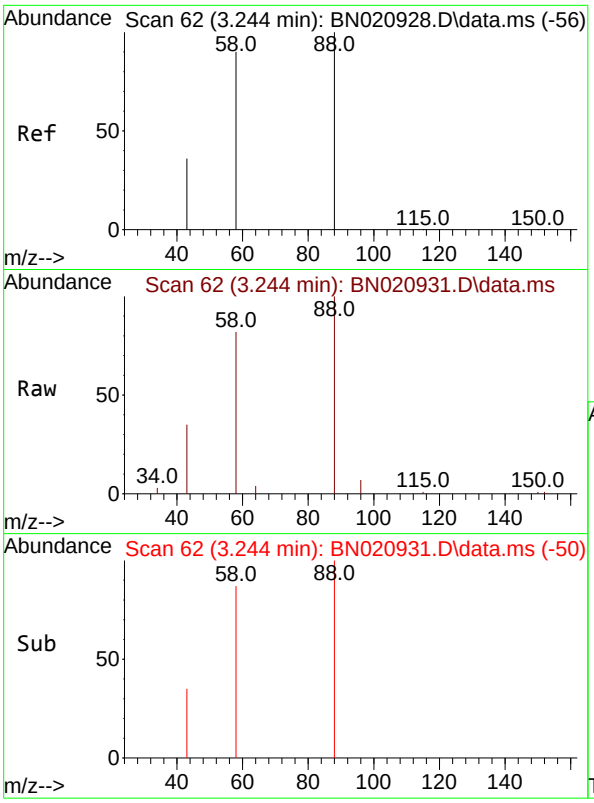


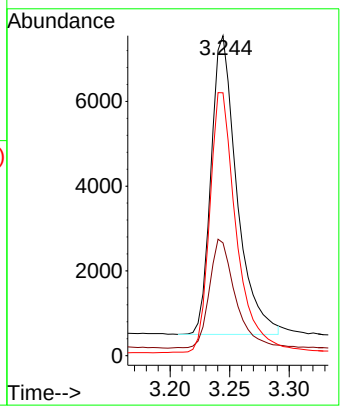


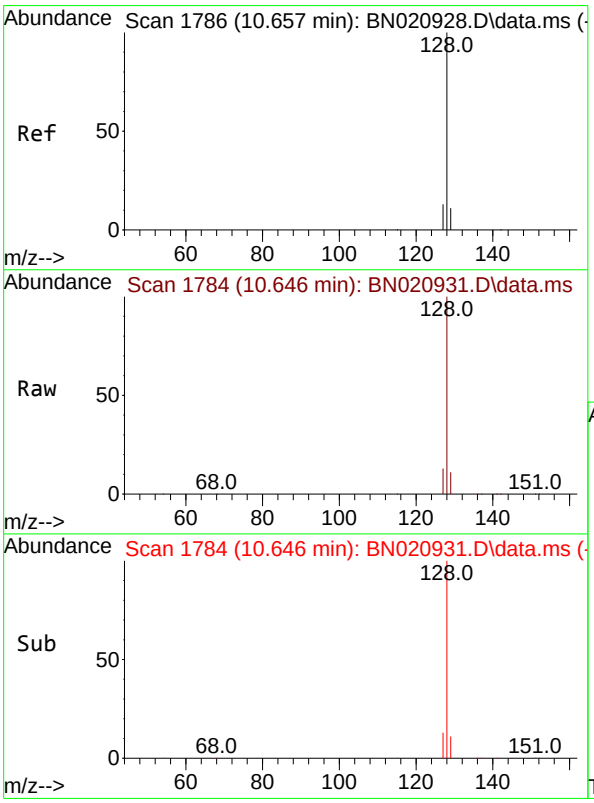
#2
1,4-Dioxane
Concen: 3.388 ng/ul
RT: 3.244 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion: 88 Resp: 10632

Ion	Ratio	Lower	Upper
88	100		
43	35.2	31.4	47.0
58	82.1	49.0	73.6#

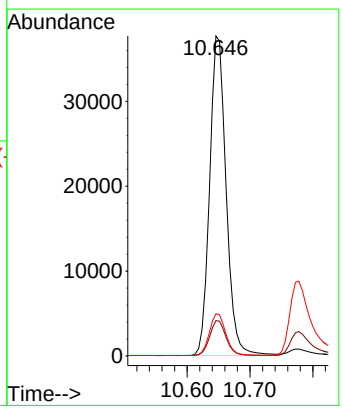


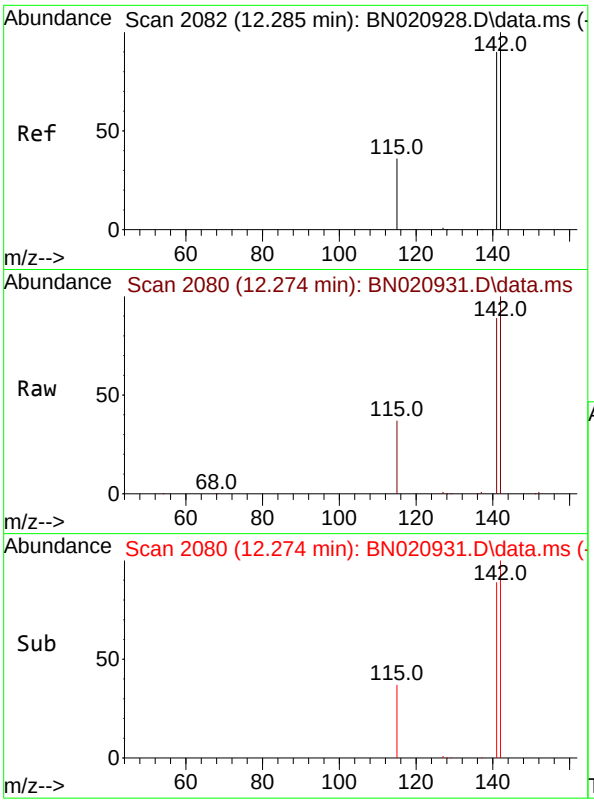


#5
Naphthalene
Concen: 2.755 ng/ul
RT: 10.646 min Scan# 1784
Delta R.T. -0.011 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:128 Resp: 68560

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	13.2	11.6	17.4



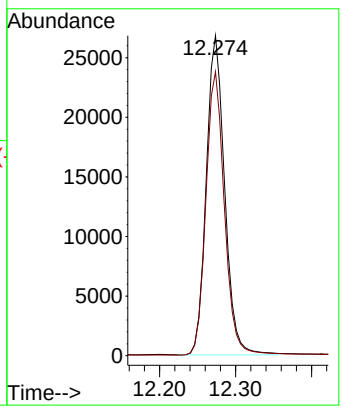


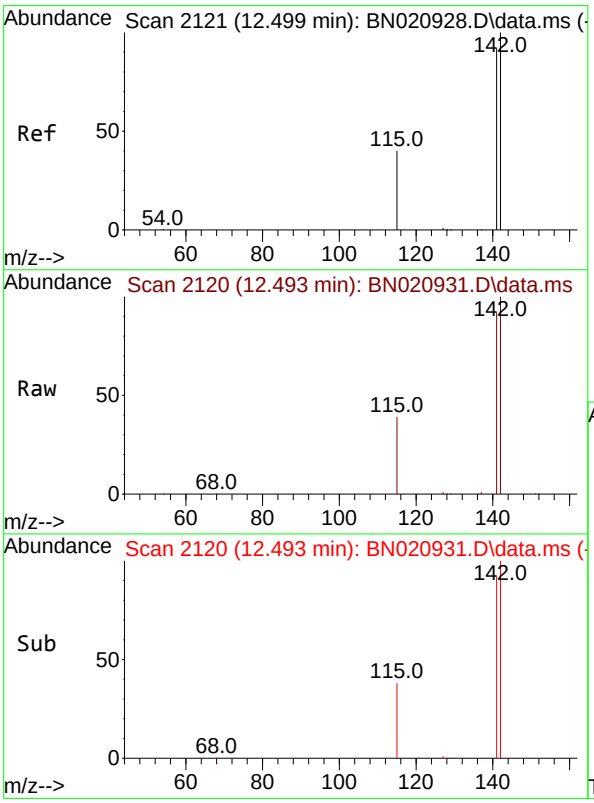
#7
2-Methylnaphthalene
Concen: 2.866 ng/ul
RT: 12.274 min Scan# 2(
Delta R.T. -0.011 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:142 Resp: 45072

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2

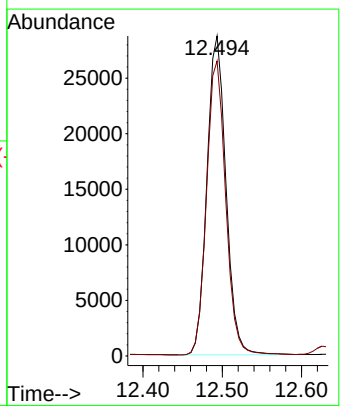


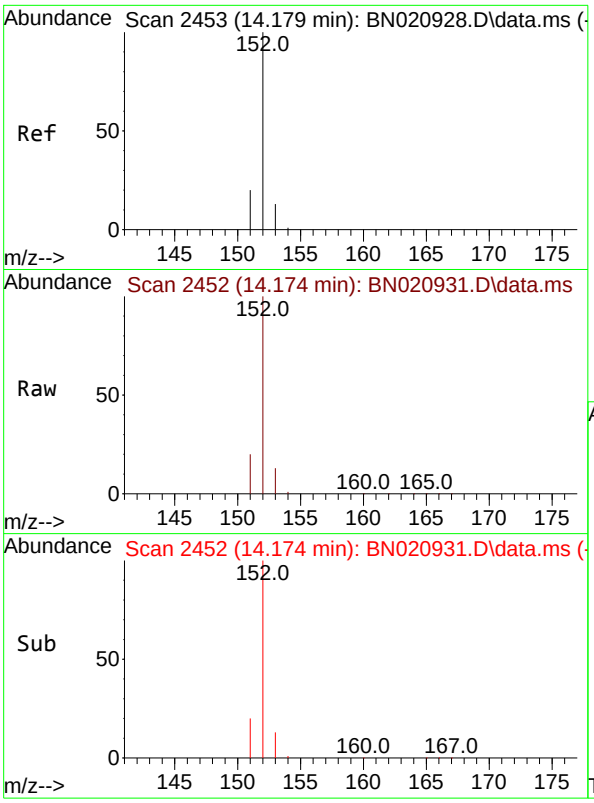


#8
1-Methylnaphthalene
Concen: 3.141 ng/ul
RT: 12.493 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:142 Resp: 47838

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9



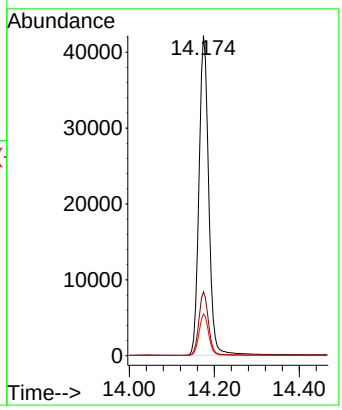


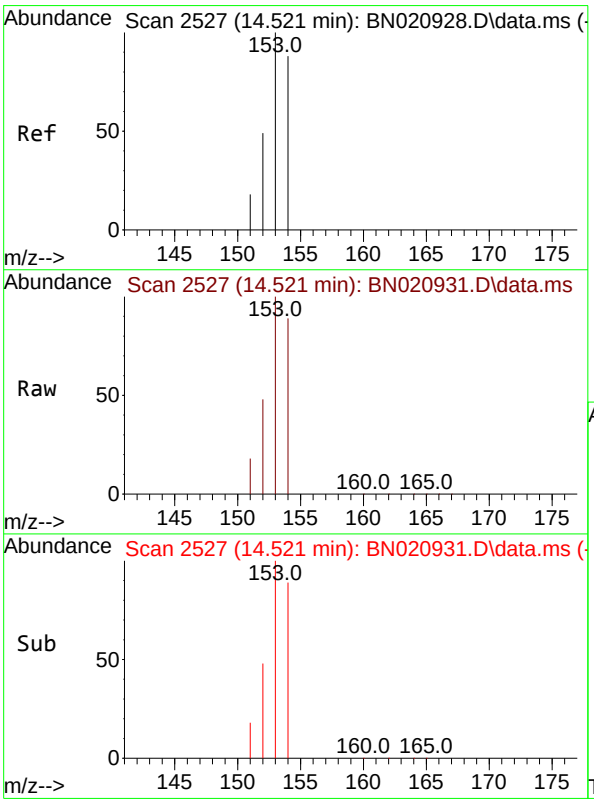
#10
Acenaphthylene
Concen: 2.935 ng/ul
RT: 14.174 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:152 Resp: 66832

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.9	25.3
153	13.1	11.2	16.8

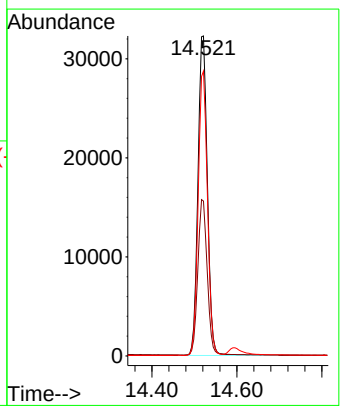


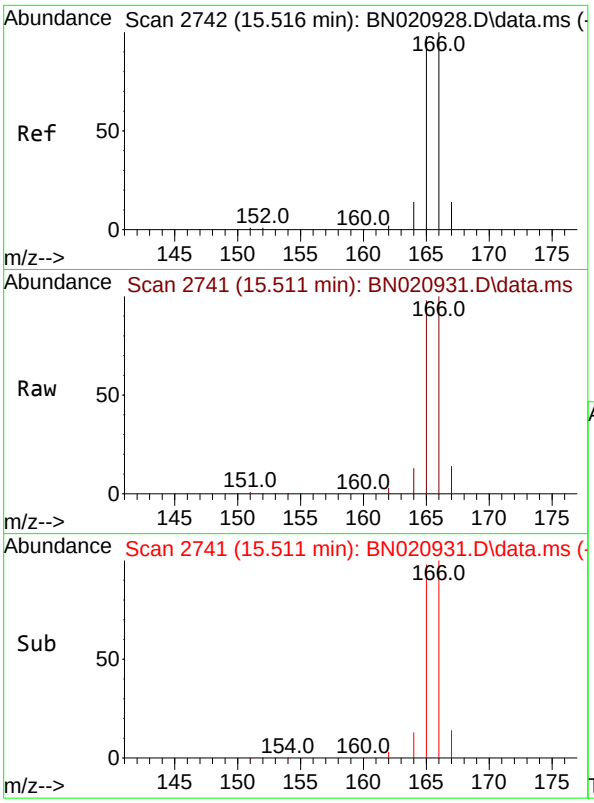


#11
Acenaphthene
Concen: 2.696 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:153 Resp: 49639

Ion	Ratio	Lower	Upper
153	100		
152	48.4	40.2	60.4
154	89.0	70.7	106.1



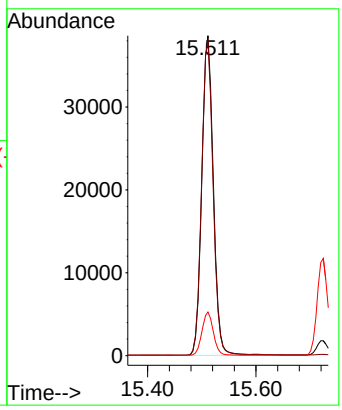


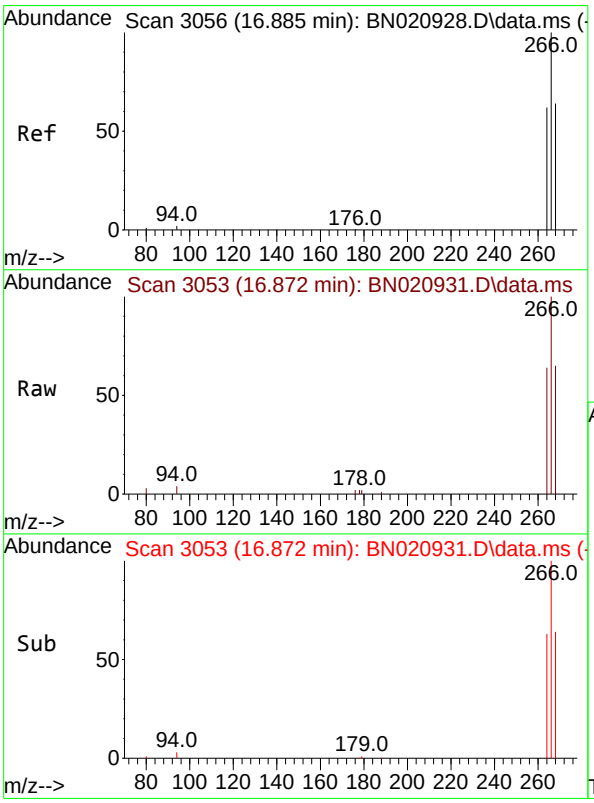
#12
Fluorene
Concen: 2.815 ng/ul
RT: 15.511 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:166 Resp: 56885

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.6	11.8	17.6

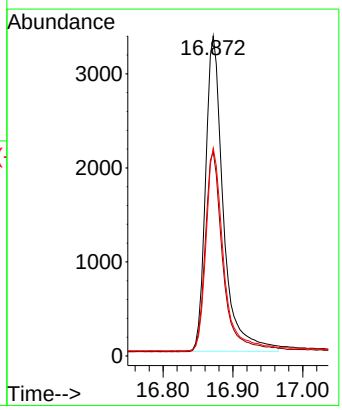


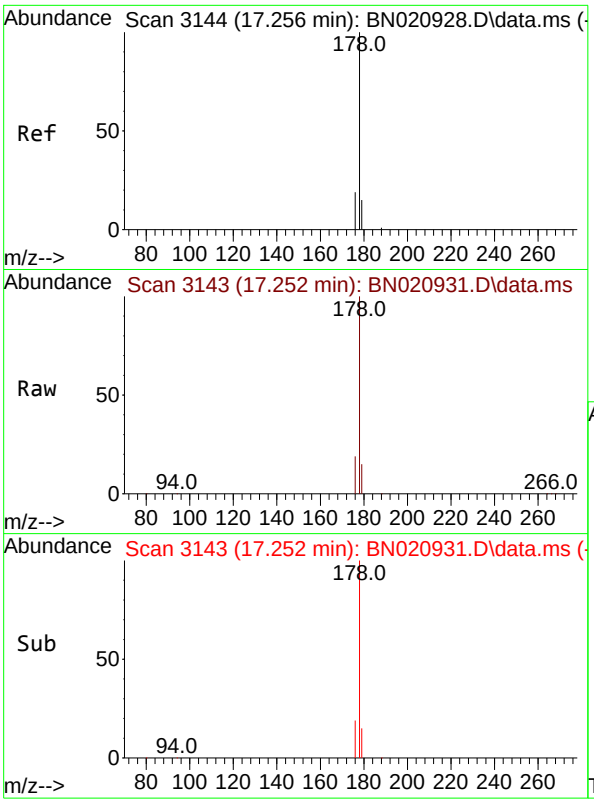


#14
Pentachlorophenol
Concen: 4.400 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.013 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:266 Resp: 5921

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.8	74.8
268	63.8	50.6	75.8



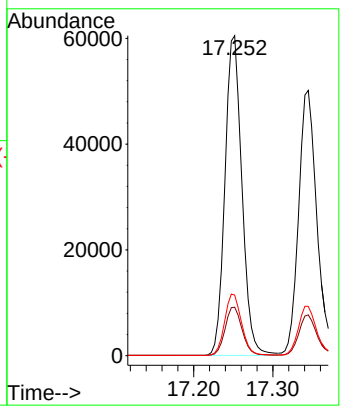


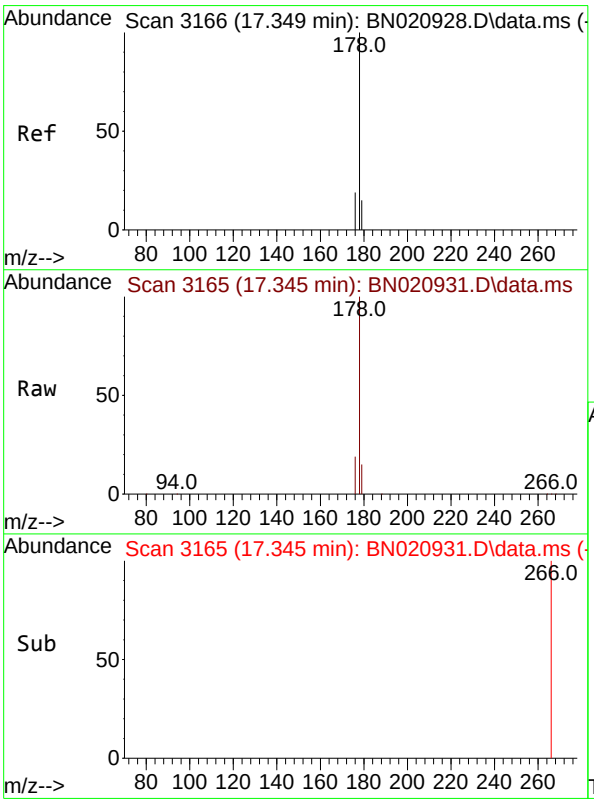
#15
Phenanthrene
Concen: 2.746 ng/ul
RT: 17.252 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:178 Resp: 89969

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.8	19.2
176	19.0	15.9	23.9

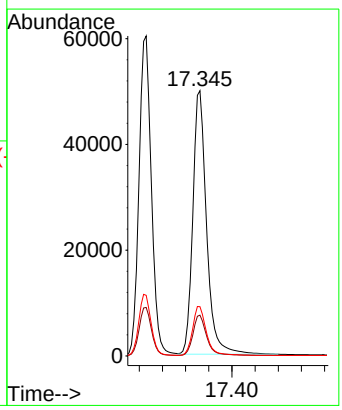


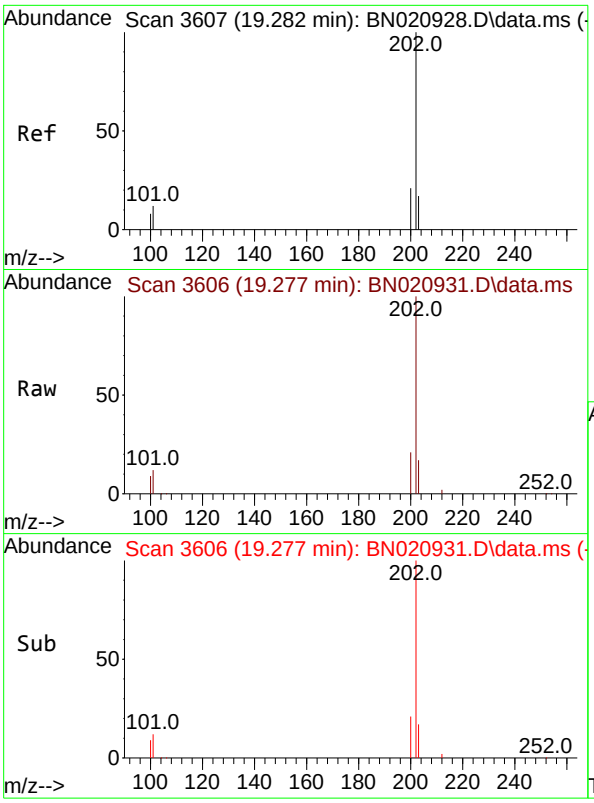


#16
Anthracene
Concen: 3.125 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:178 Resp: 81982

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.6	15.9	23.9



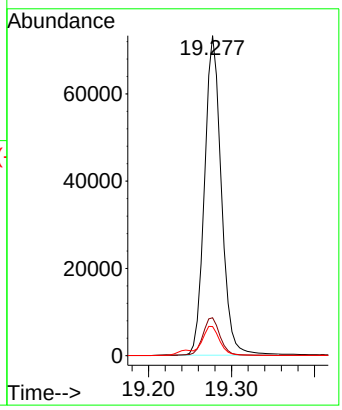


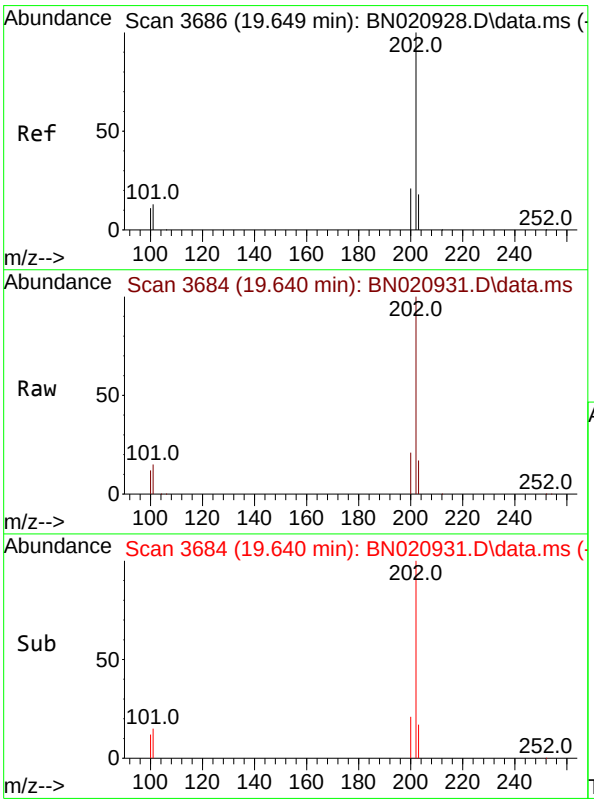
#19
Fluoranthene
Concen: 2.575 ng/ul
RT: 19.277 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:202 Resp: 103319

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.0	15.0
100	9.1	8.0	12.0

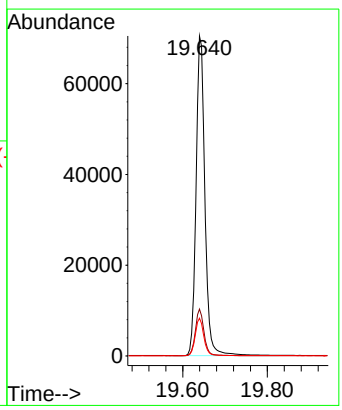


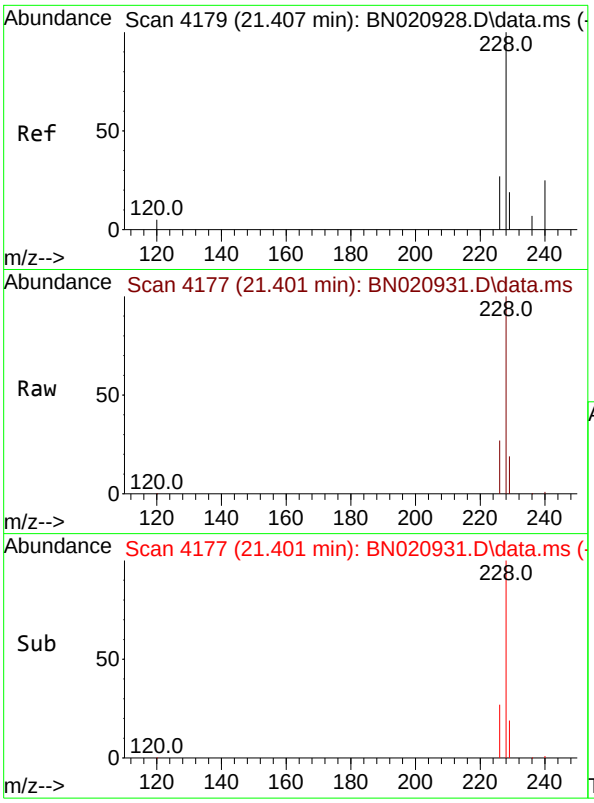


#20
Pyrene
Concen: 2.437 ng/ul
RT: 19.640 min Scan# 3684
Delta R.T. -0.009 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:202 Resp: 102023

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.3	16.9
100	11.8	9.0	13.4



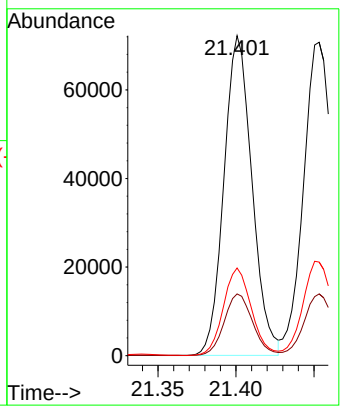


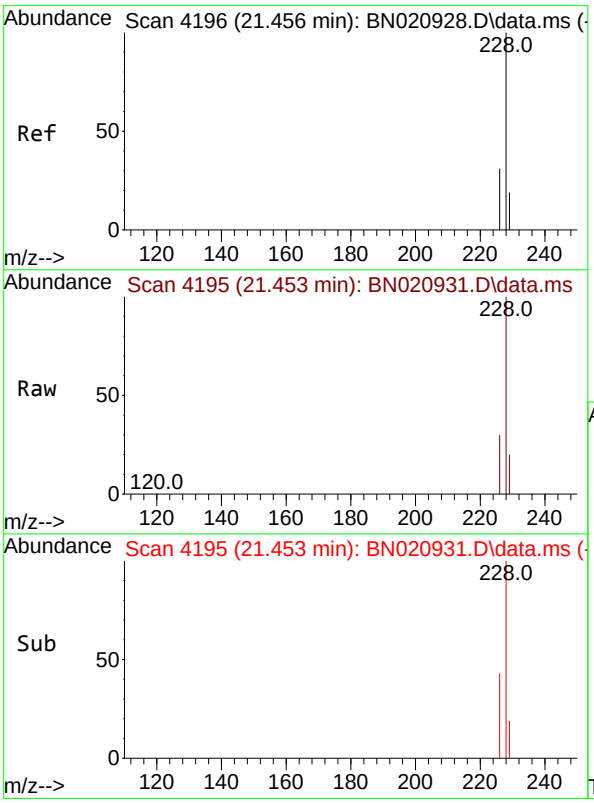
#21
Benzo(a)anthracene
Concen: 3.193 ng/ul
RT: 21.401 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:228 Resp: 90386

Ion	Ratio	Lower	Upper
228	100		
229	19.3	16.0	24.0
226	27.4	21.9	32.9

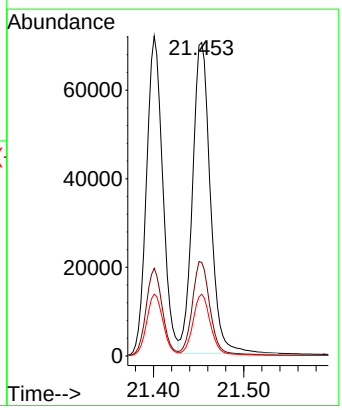


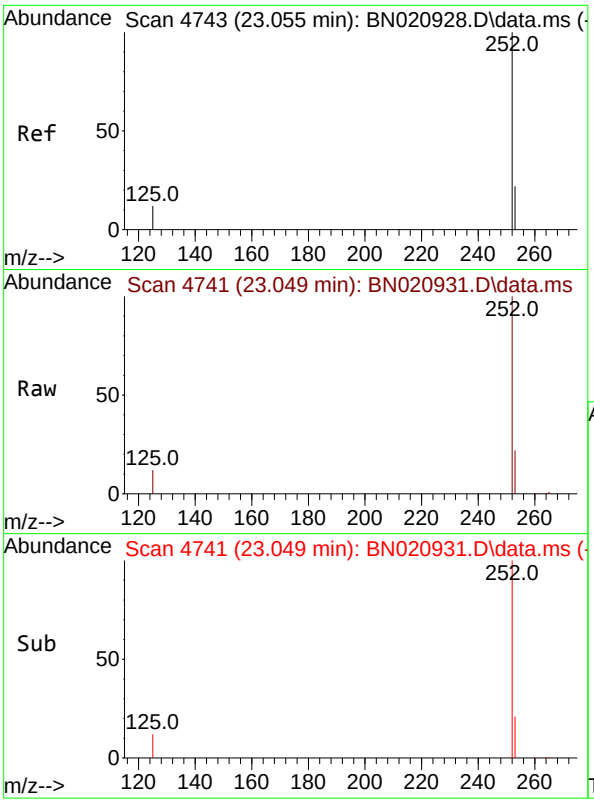


#22
Chrysene
Concen: 2.637 ng/ul
RT: 21.453 min Scan# 4195
Delta R.T. -0.003 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:228 Resp: 96122

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	19.7	15.8	23.8



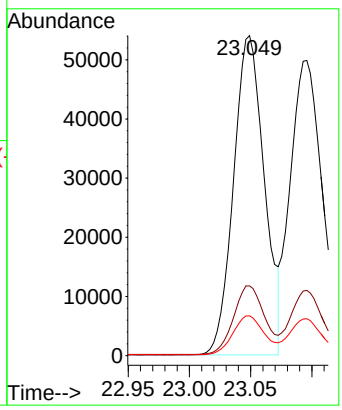


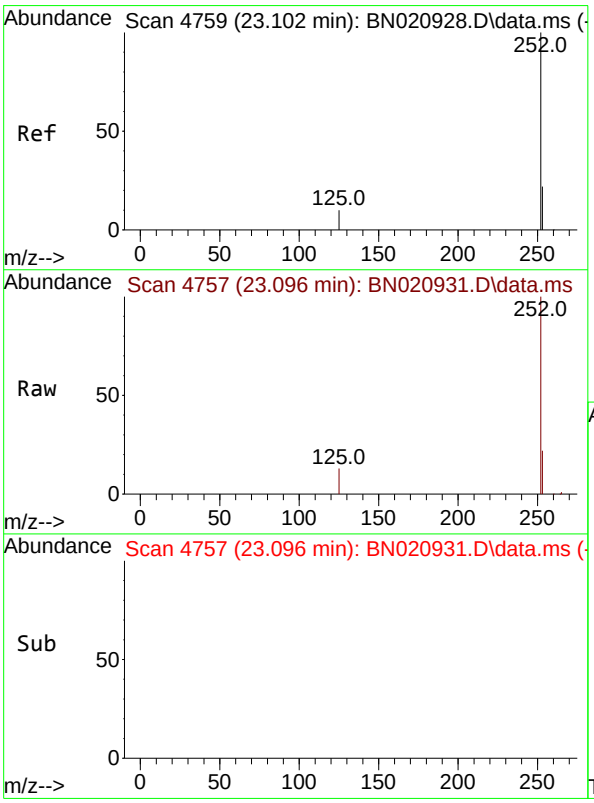
#24
Benzo(b)fluoranthene
Concen: 2.845 ng/ul
RT: 23.049 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:252 Resp: 94457

Ion	Ratio	Lower	Upper
252	100		
253	21.8	0.0	50.8
125	12.5	0.0	30.0

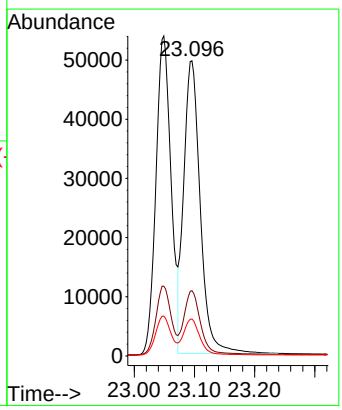


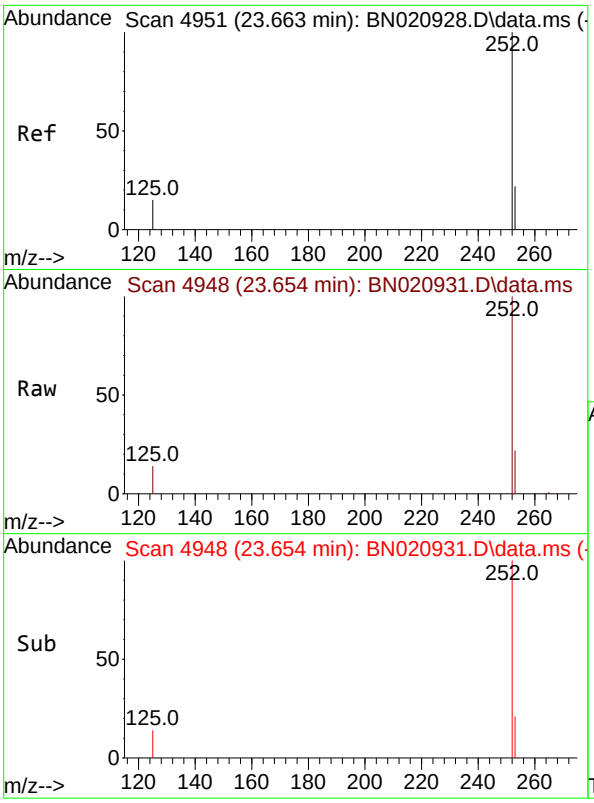


#25
Benzo(k)fluoranthene
Concen: 2.748 ng/ul
RT: 23.096 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:252 Resp: 94355

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.6	31.0
125	12.5	11.8	17.6



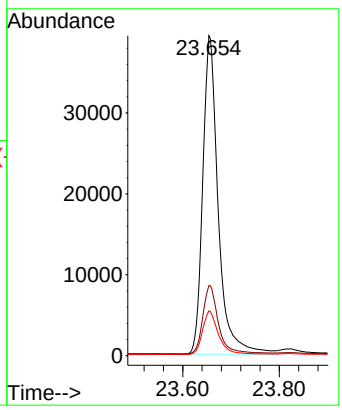


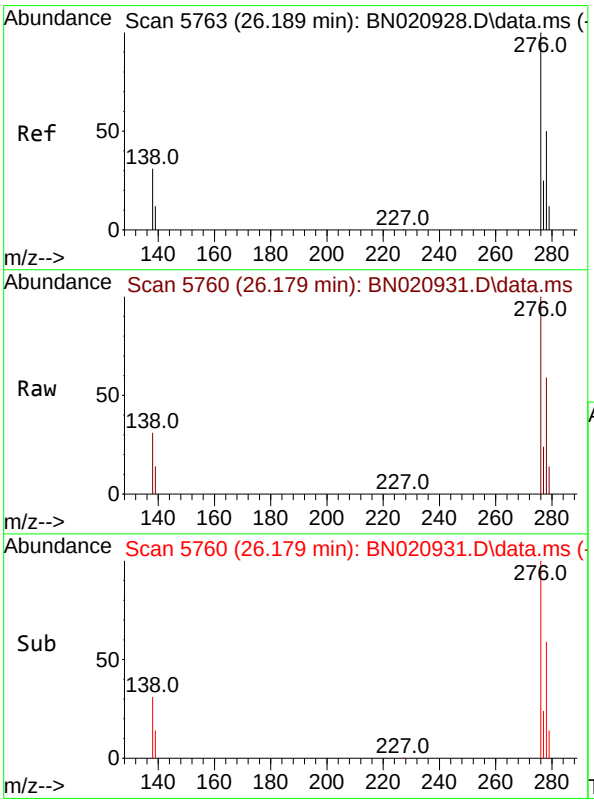
#26
Benzo(a)pyrene
Concen: 2.864 ng/ul
RT: 23.654 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:252 Resp: 87682

Ion	Ratio	Lower	Upper
252	100		
253	21.9	22.1	33.1#
125	14.0	14.7	22.1#

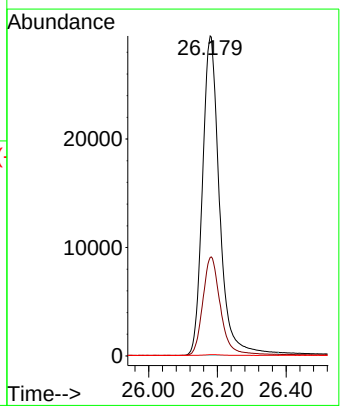


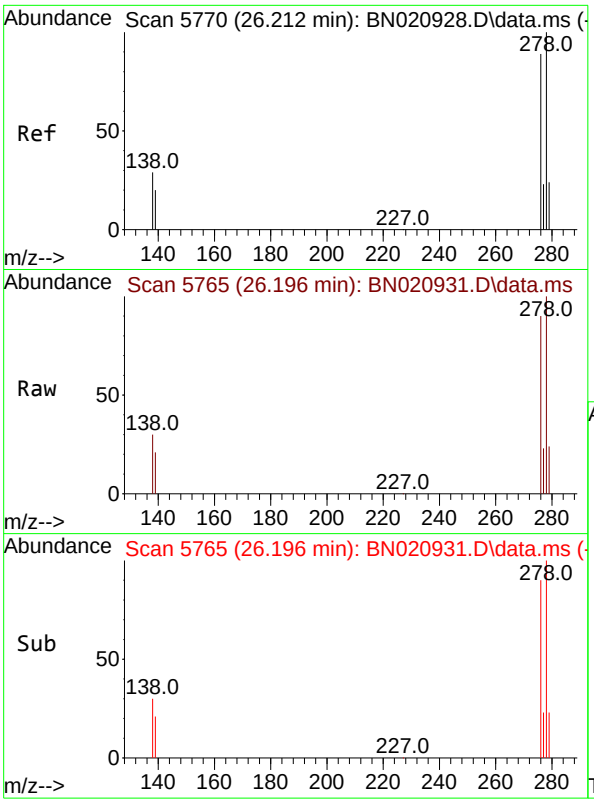


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.159 ng/ul
RT: 26.179 min Scan# 5760
Delta R.T. -0.010 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:276 Resp: 101757

Ion	Ratio	Lower	Upper
276	100		
138	32.2	26.1	39.1
227	0.3	0.1	0.1#



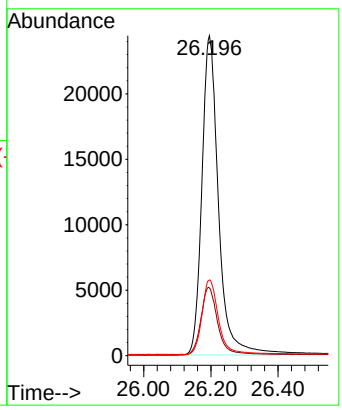


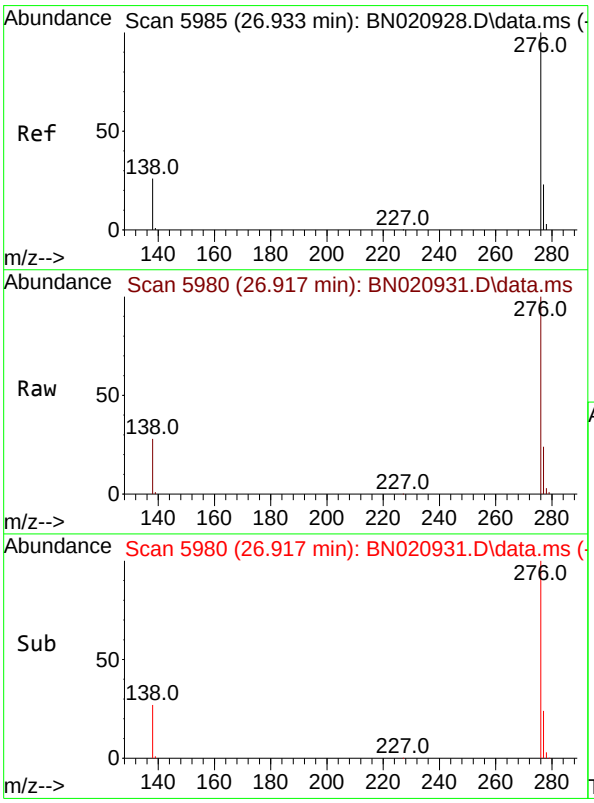
#28
Dibenzo(a,h)anthracene
Concen: 3.398 ng/ul
RT: 26.196 min Scan# 5
Delta R.T. -0.017 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

Tgt Ion:278 Resp: 83452

Ion	Ratio	Lower	Upper
278	100		
139	21.2	18.3	27.5
279	23.7	23.9	35.9#





#29
Benzo(g,h,i)perylene
Concen: 3.035 ng/ul
RT: 26.917 min Scan# 5980
Delta R.T. -0.017 min
Lab File: BN020931.D
Acq: 01 Aug 2022 22:04

Tgt Ion:276 Resp: 88115

Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.6	34.0
277	23.9	20.2	30.2