Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080122\
Data File : BN020929.D
Acq On : 01 Aug 2022 20:50
Operator : CG/JU
Sample : SSTD0.825
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Quant Time: Aug 02 03:36:25 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	2290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	7138	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	4057	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.210	188	7895	0.400	ng/ul	0.00
17) Chrysene-d12	21.418	240	7109	0.400	ng/ul	0.00
23) Perylene-d12	23.768	264	6096	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	2383	0.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.202	152	9252	0.853	ng/ul	0.00
18) Fluoranthene-d10	19.249	212	18687	0.823	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	2569	0.909	ng/ul	90
5) Naphthalene	10.651	128	16342	0.730	ng/ul	98
7) 2-Methylnaphthalene	12.279	142	10280	0.727	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	11184	0.817	ng/ul	100
10) Acenaphthylene	14.179	152	14101	0.699	ng/ul	99
11) Acenaphthene	14.521	153	11602	0.711	ng/ul	98
12) Fluorene	15.511	166	13098	0.731	ng/ul	99
14) Pentachlorophenol	16.876	266	1050	0.883	ng/ul	98
15) Phenanthrene	17.252	178	20671	0.714	ng/ul	99
16) Anthracene	17.349	178	17138	0.739	ng/ul	99
19) Fluoranthene	19.282	202	22970	0.690	ng/ul	97
20) Pyrene	19.644	202	23106	0.665	ng/ul	99
21) Benzo(a)anthracene	21.404	228	17739	0.755	ng/ul	100
22) Chrysene	21.456	228	21491	0.711	ng/ul	99
24) Benzo(b)fluoranthene	23.052	252	20402	0.706	ng/ul	96
25) Benzo(k)fluoranthene	23.099	252	21868	0.732	ng/ul	96
26) Benzo(a)pyrene	23.660	252	19025	0.714	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.189	276	22876	0.816	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.202	278	18416	0.862	ng/ul	95
29) Benzo(g,h,i)perylene	26.927	276	20061	0.794	ng/ul	99

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

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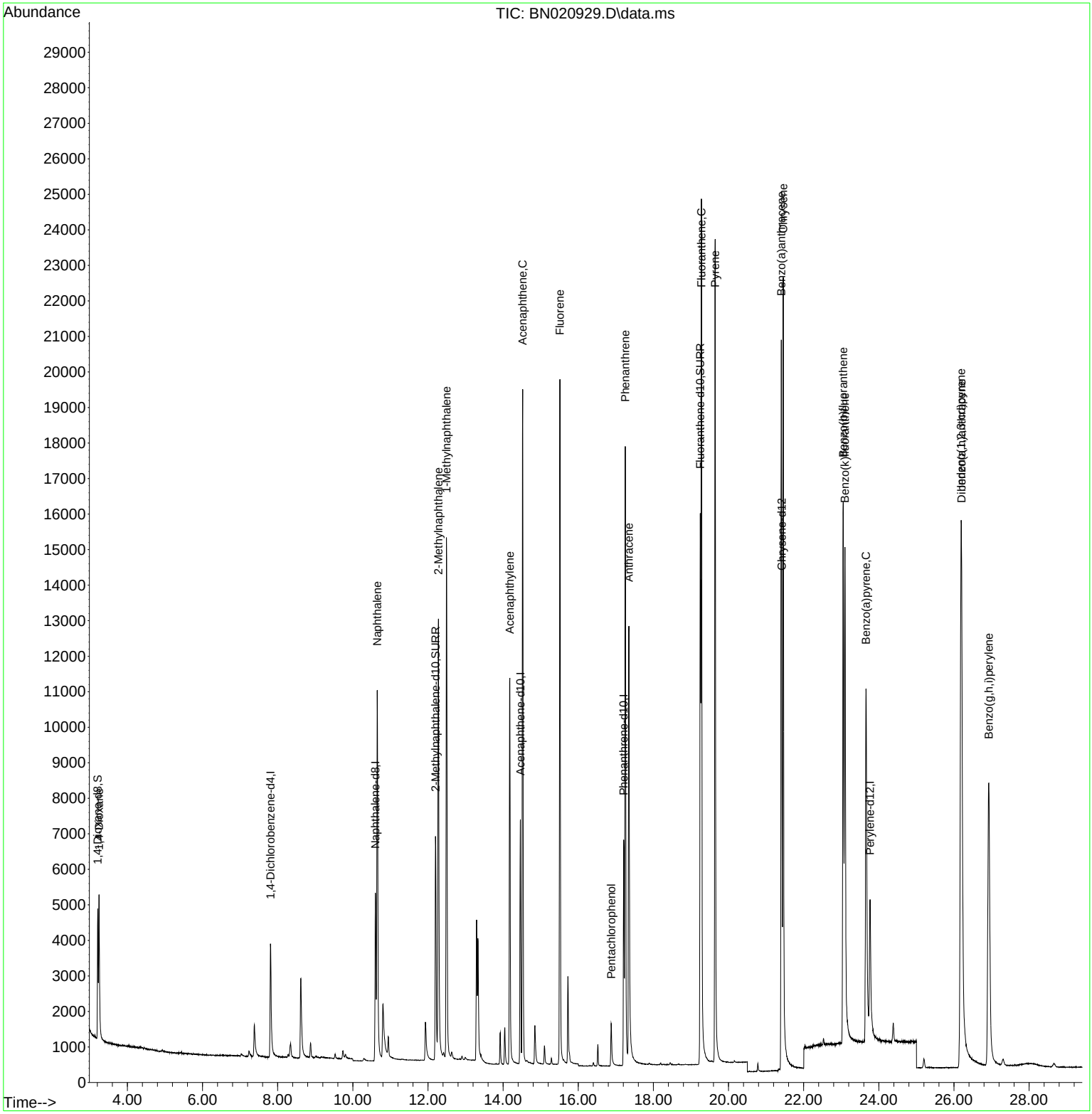
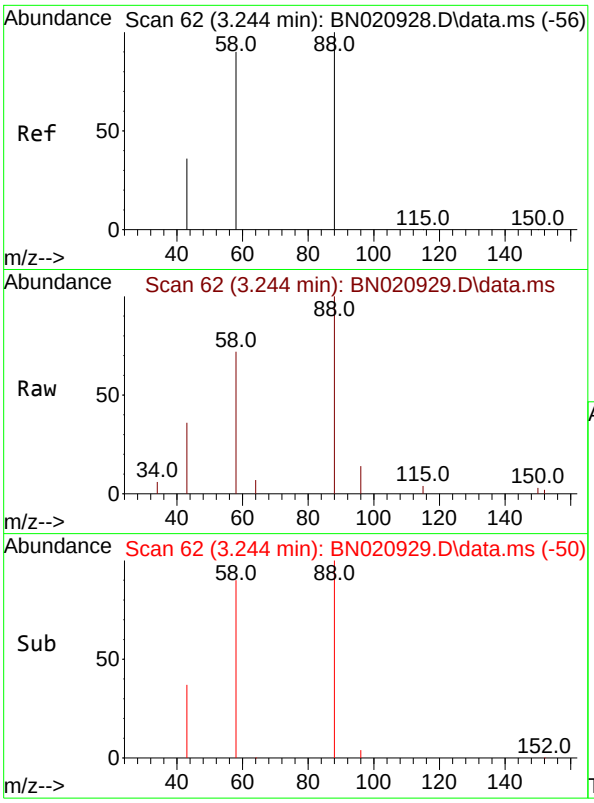


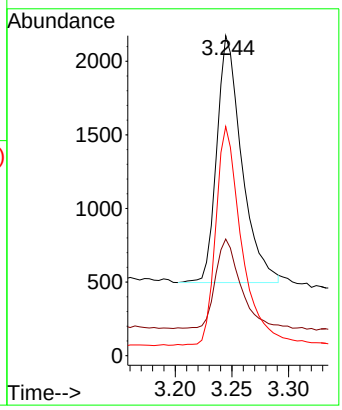


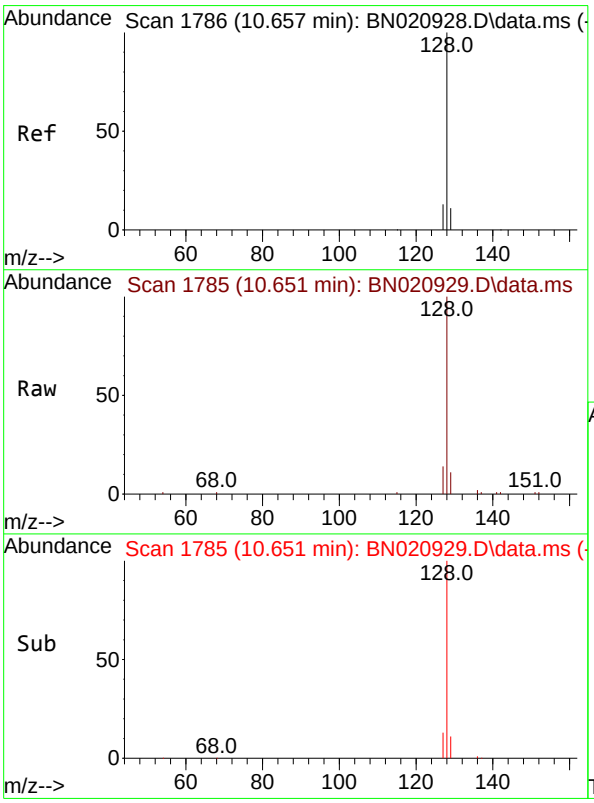
#2
1,4-Dioxane
Concen: 0.909 ng/ul
RT: 3.244 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion: 88 Resp: 2569

Ion	Ratio	Lower	Upper
88	100		
43	36.5	31.4	47.0
58	71.6	49.0	73.6

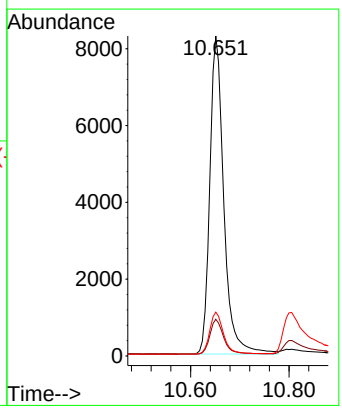


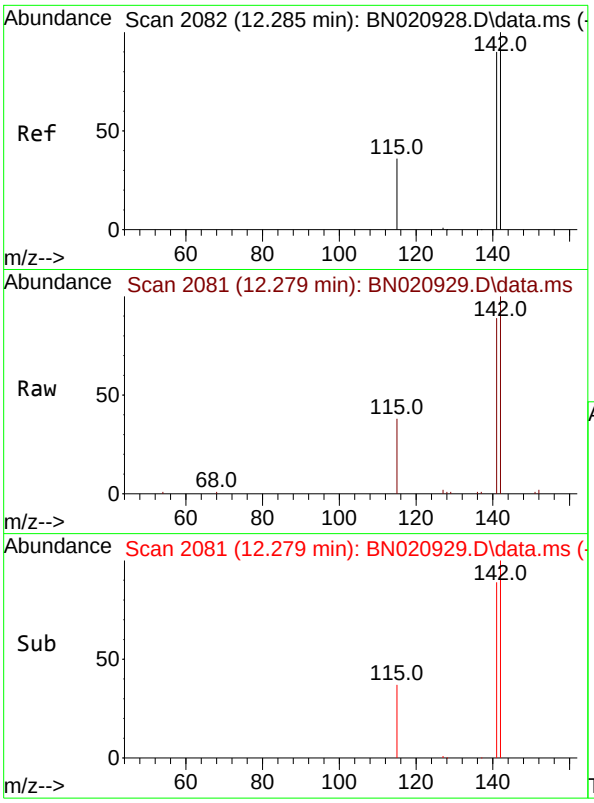


#5
Naphthalene
Concen: 0.730 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:128 Resp: 16342

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.6
127	13.7	11.6	17.4



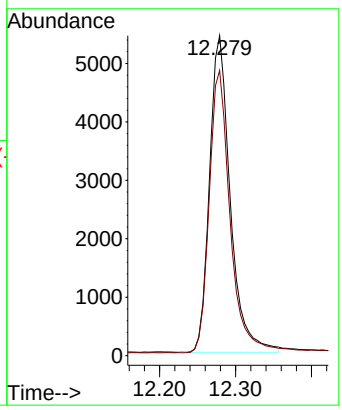


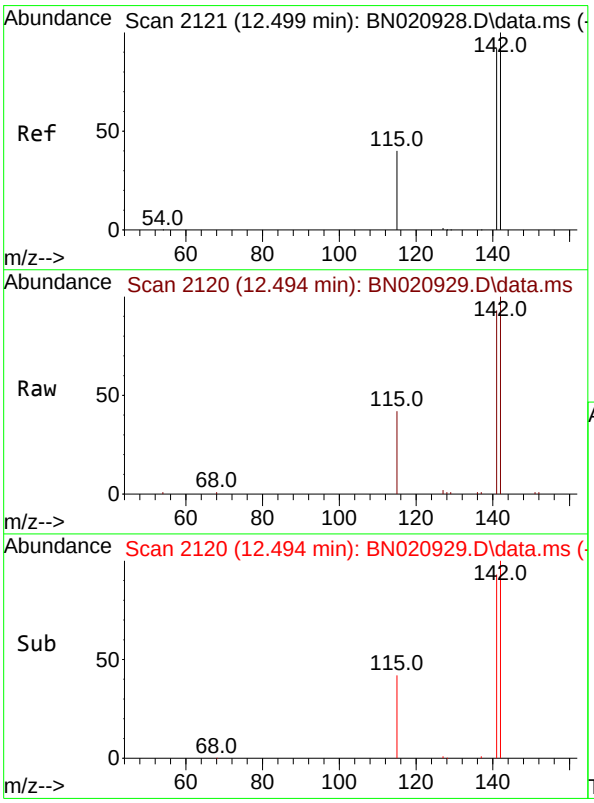
#7
2-Methylnaphthalene
Concen: 0.727 ng/ul
RT: 12.279 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:142 Resp: 10280

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2

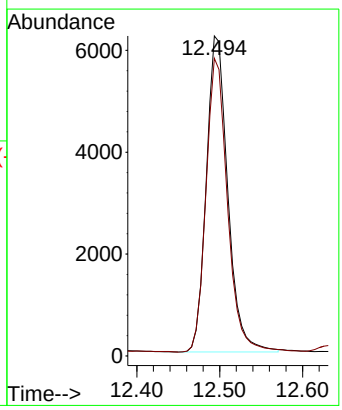


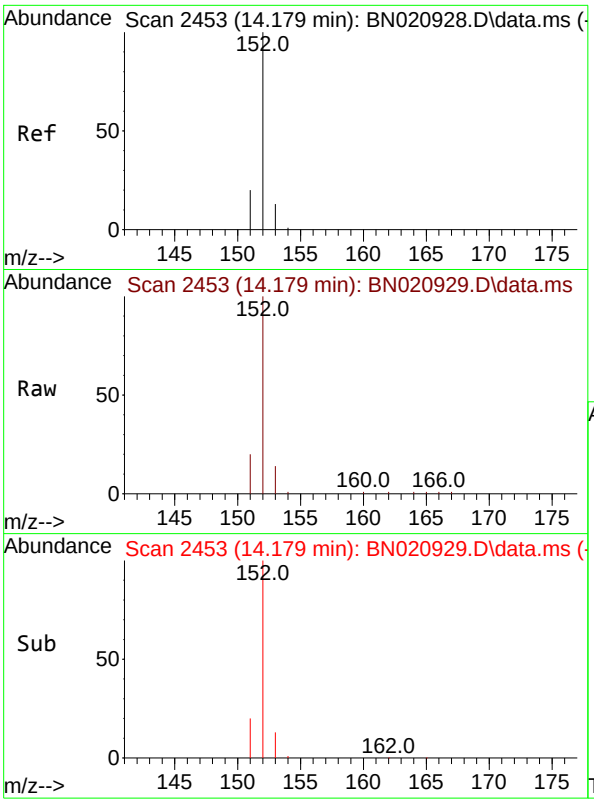


#8
1-Methylnaphthalene
Concen: 0.817 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:142 Resp: 11184

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9



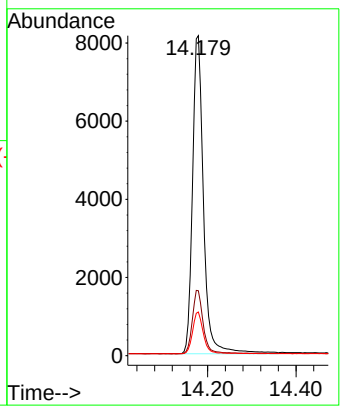


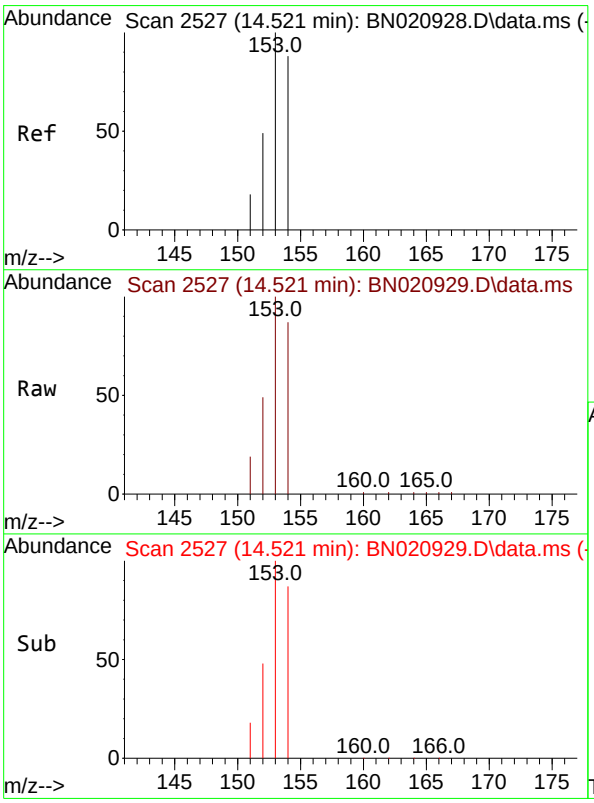
#10
Acenaphthylene
Concen: 0.699 ng/ul
RT: 14.179 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:152 Resp: 14101

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.9	25.3
153	13.6	11.2	16.8

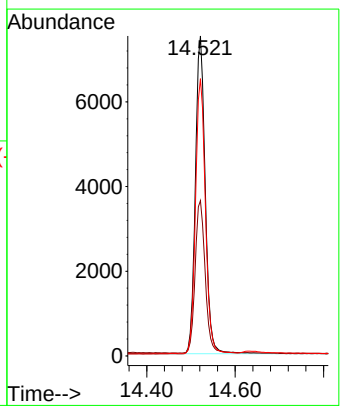


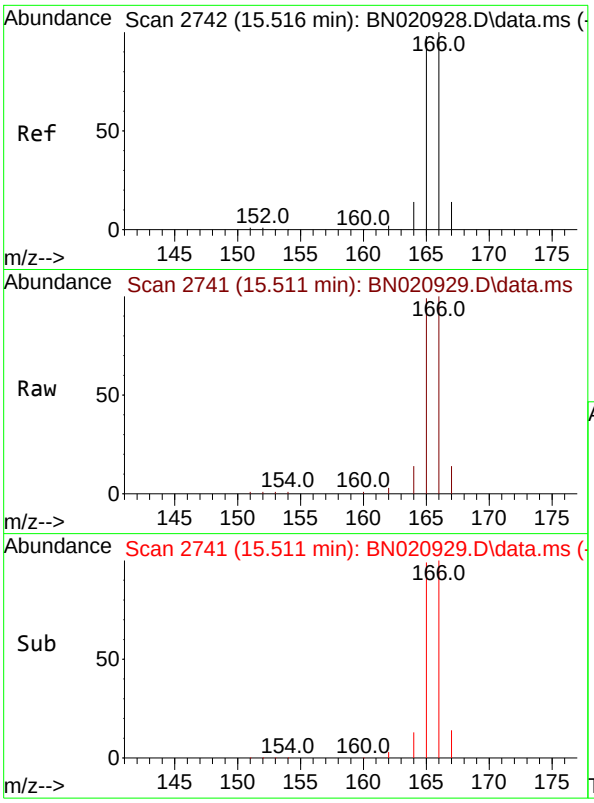


#11
Acenaphthene
Concen: 0.711 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:153 Resp: 11602

Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.2	60.4
154	86.6	70.7	106.1



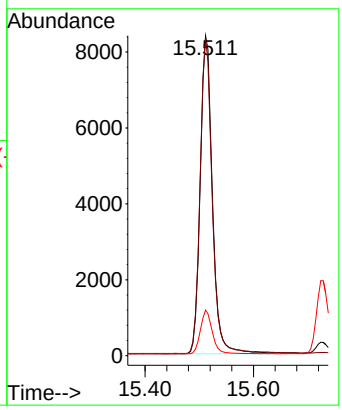


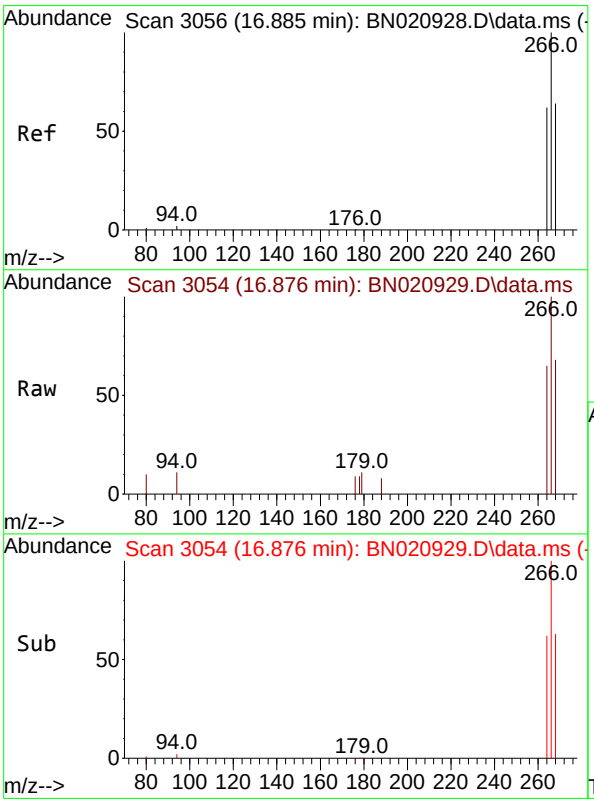
#12
Fluorene
Concen: 0.731 ng/ul
RT: 15.511 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:166 Resp: 13098

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.6	117.8
167	14.2	11.8	17.6

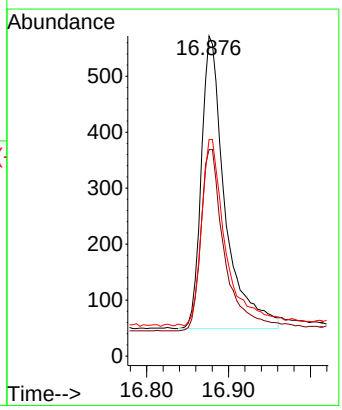


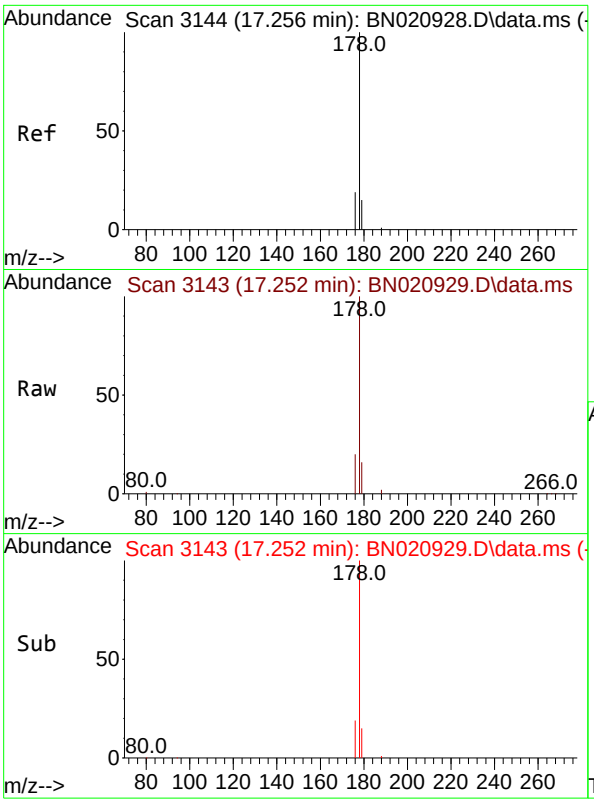


#14
Pentachlorophenol
Concen: 0.883 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. -0.008 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:266 Resp: 1050

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.8
268	65.6	50.6	75.8



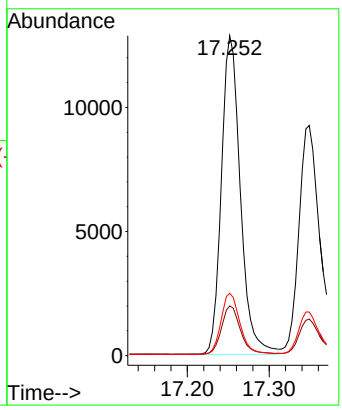


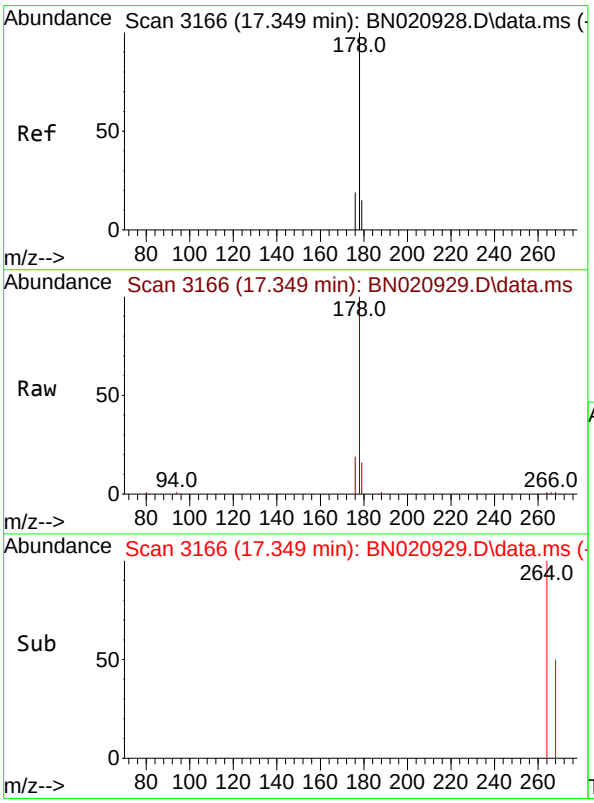
#15
Phenanthrene
Concen: 0.714 ng/ul
RT: 17.252 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:178 Resp: 20671

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.5	15.9	23.9

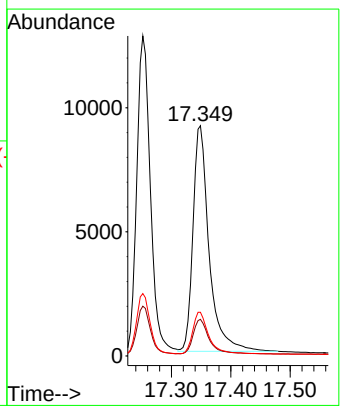


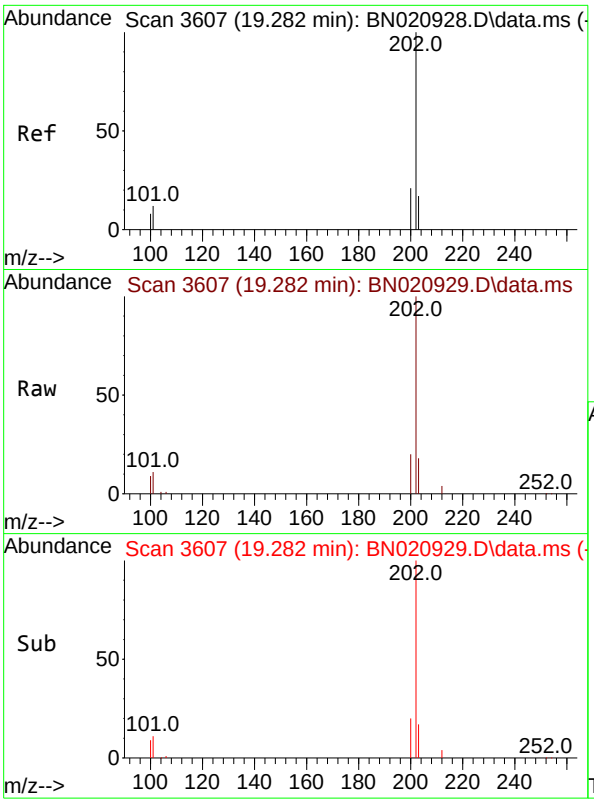


#16
Anthracene
Concen: 0.739 ng/ul
RT: 17.349 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:178 Resp: 17138

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.0	15.9	23.9



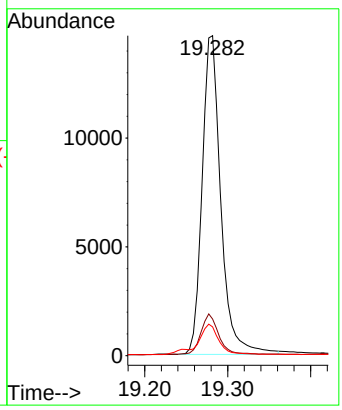


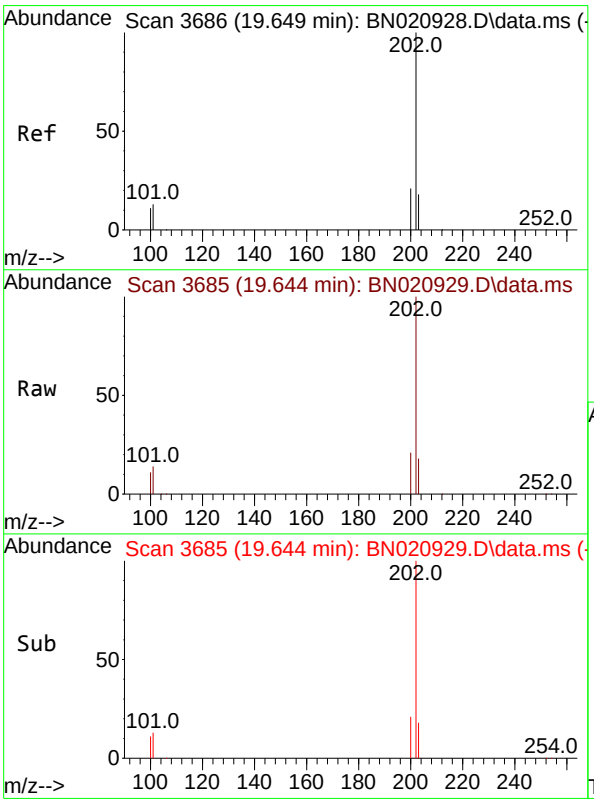
#19
Fluoranthene
Concen: 0.690 ng/ul
RT: 19.282 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:202 Resp: 22970

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.0	15.0
100	9.0	8.0	12.0

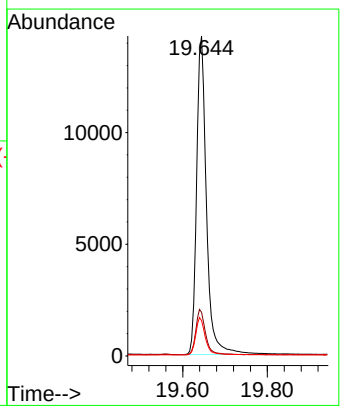


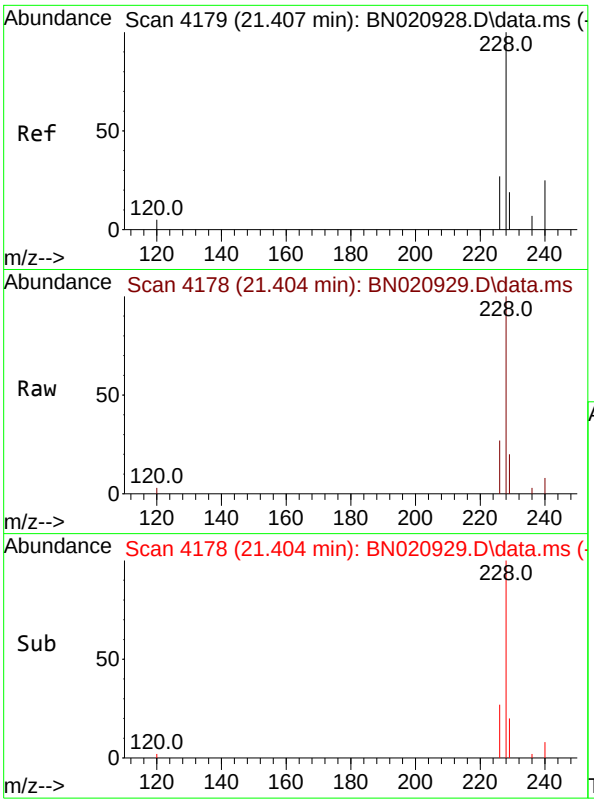


#20
Pyrene
Concen: 0.665 ng/ul
RT: 19.644 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:202 Resp: 23106

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.3	16.9
100	11.0	9.0	13.4



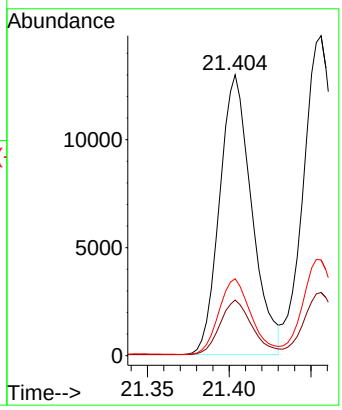


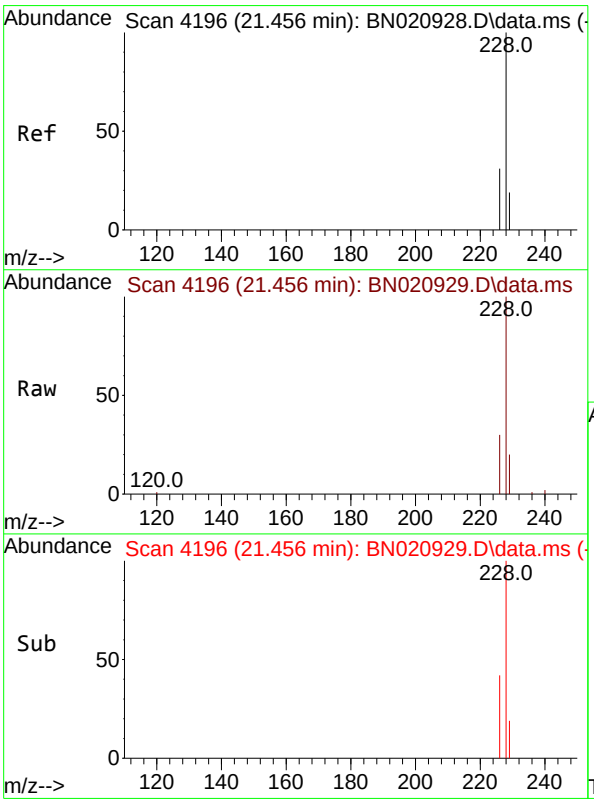
#21
Benzo(a)anthracene
Concen: 0.755 ng/ul
RT: 21.404 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:228 Resp: 17739

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.0	24.0
226	27.4	21.9	32.9

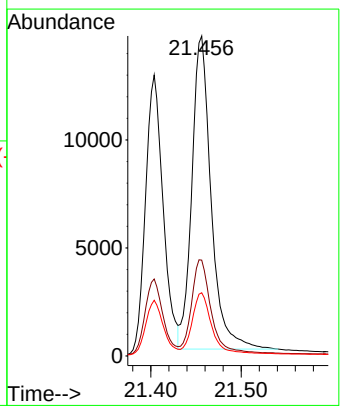


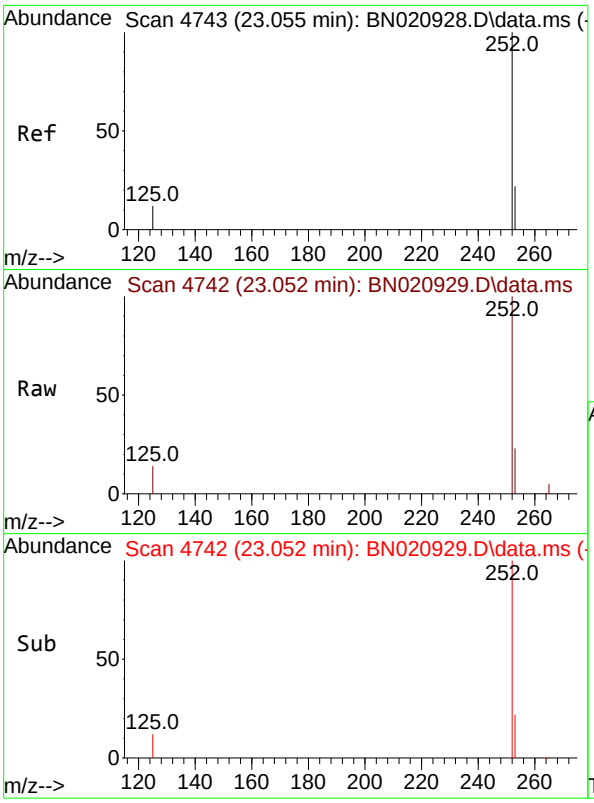


#22
Chrysene
Concen: 0.711 ng/ul
RT: 21.456 min Scan# 4196
Delta R.T. 0.000 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:228 Resp: 21491

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	37.0
229	19.8	15.8	23.8



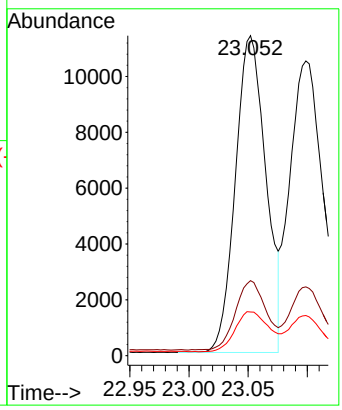


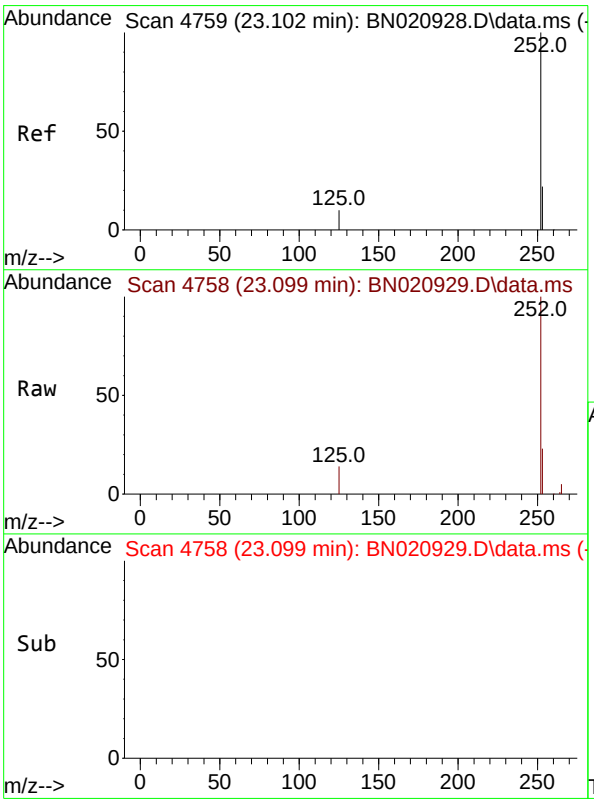
#24
Benzo(b)fluoranthene
Concen: 0.706 ng/ul
RT: 23.052 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:252 Resp: 20402

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	50.8
125	13.6	0.0	30.0

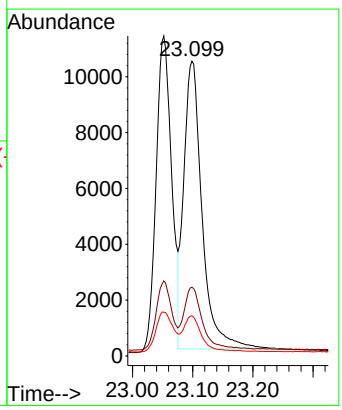


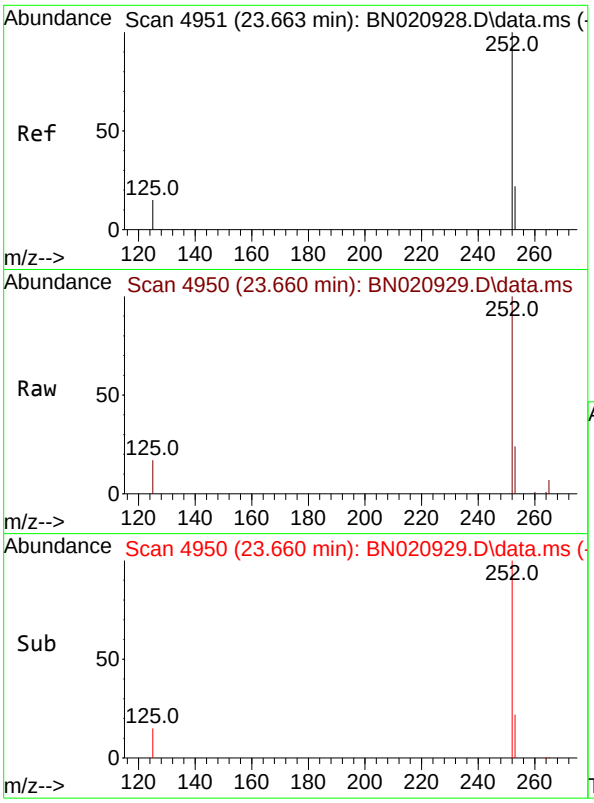


#25
Benzo(k)fluoranthene
Concen: 0.732 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. -0.003 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:252 Resp: 21868

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.6	31.0
125	13.6	11.8	17.6



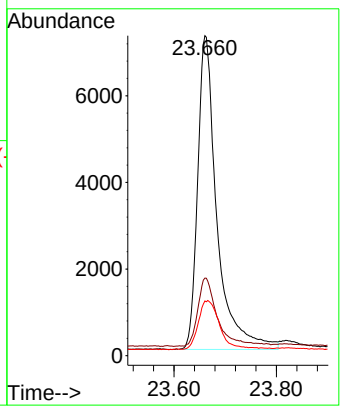


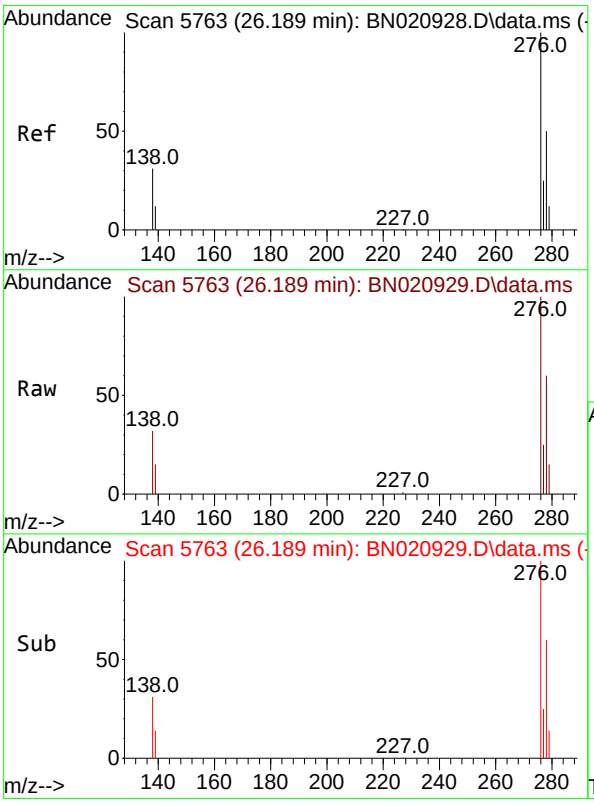
#26
Benzo(a)pyrene
Concen: 0.714 ng/ul
RT: 23.660 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:252 Resp: 19025

Ion	Ratio	Lower	Upper
252	100		
253	24.2	22.1	33.1
125	17.1	14.7	22.1

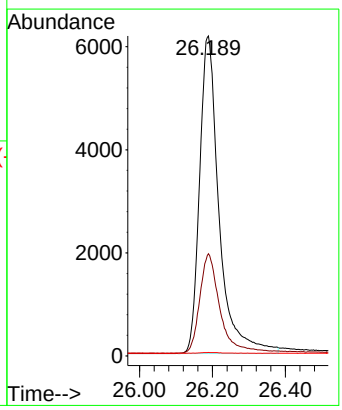


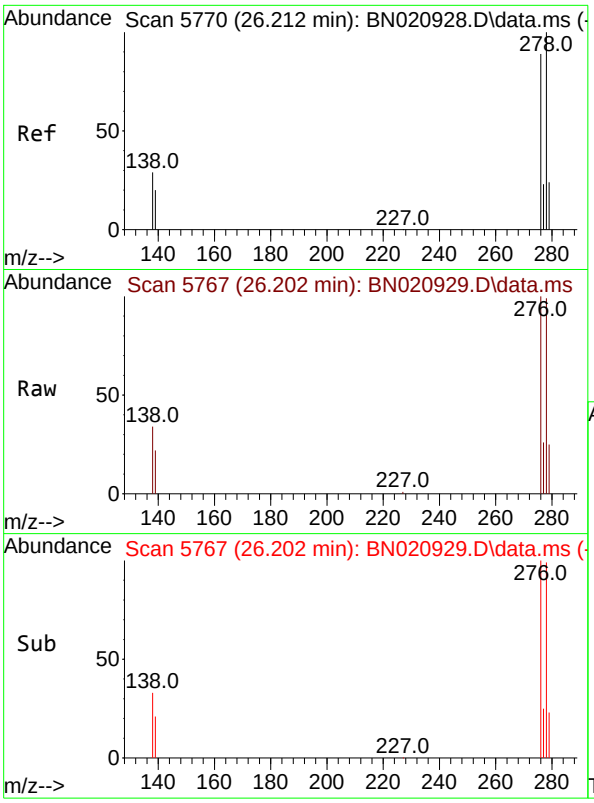


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.816 ng/ul
RT: 26.189 min Scan# 5763
Delta R.T. 0.000 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:276 Resp: 22876

Ion	Ratio	Lower	Upper
276	100		
138	32.6	26.1	39.1
227	0.2	0.1	0.1#



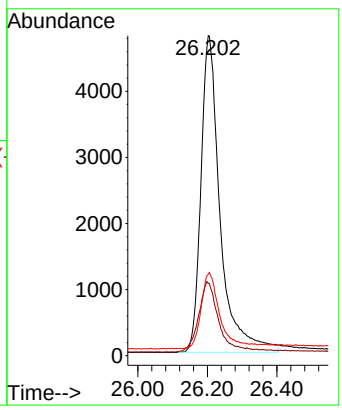


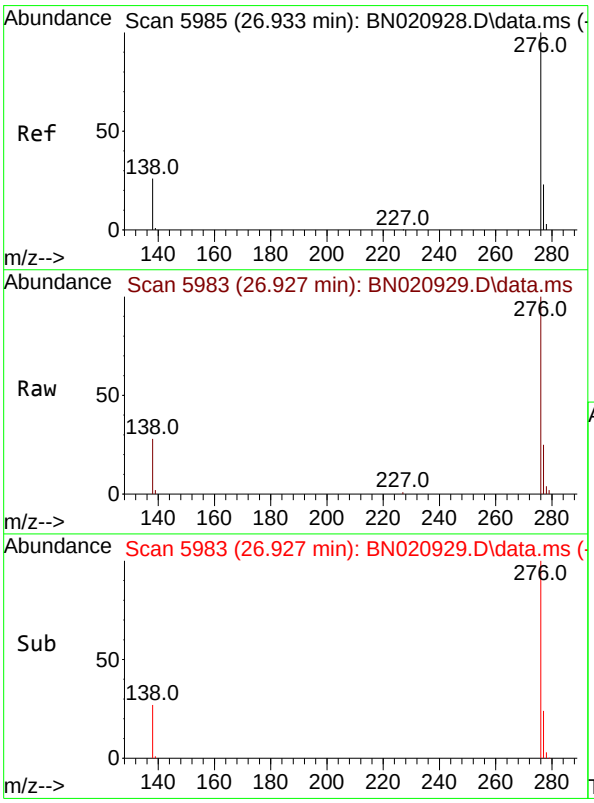
#28
Dibenzo(a,h)anthracene
Concen: 0.862 ng/ul
RT: 26.202 min Scan# 5
Delta R.T. -0.010 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Instrument :
BNA_N
ClientSampleId :
SSTD0.8226

Tgt Ion:278 Resp: 18416

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.3	27.5
279	25.4	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.794 ng/ul
RT: 26.927 min Scan# 5983
Delta R.T. -0.007 min
Lab File: BN020929.D
Acq: 01 Aug 2022 20:50

Tgt Ion:276 Resp: 20061

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.6	34.0
277	24.6	20.2	30.2