Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080222\
Data File : BN020947.D
Acq On : 02 Aug 2022 17:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 02 22:34:06 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 04:19:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	3029	0.400	ng/ul	0.00
4) Naphthalene-d8	10.607	136	8402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.461	164	6186	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	12335	0.400	ng/ul	0.00
17) Chrysene-d12	21.424	240	10491	0.400	ng/ul	0.00
23) Perylene-d12	23.771	264	8575	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.215	96	1645	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.208	152	6380	0.515	ng/ul	0.00
18) Fluoranthene-d10	19.254	212	12988	0.405	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	1736	0.437	ng/ul	91
5) Naphthalene	10.651	128	9027	0.393	ng/ul	99
7) 2-Methylnaphthalene	12.279	142	7166	0.512	ng/ul	99
8) 1-Methylnaphthalene	12.499	142	7956	0.515	ng/ul	100
10) Acenaphthylene	14.179	152	9946	0.393	ng/ul	99
11) Acenaphthene	14.521	153	8277	0.392	ng/ul	100
12) Fluorene	15.516	166	9116	0.375	ng/ul	99
14) Pentachlorophenol	16.880	266	657	0.334	ng/ul	99
15) Phenanthrene	17.256	178	14844	0.355	ng/ul	100
16) Anthracene	17.353	178	11730	0.326	ng/ul	99
19) Fluoranthene	19.282	202	16121	0.342	ng/ul	98
20) Pyrene	19.644	202	16549	0.335	ng/ul	94
21) Benzo(a)anthracene	21.410	228	11956	0.314	ng/ul	100
22) Chrysene	21.459	228	15225	0.323	ng/ul	100
24) Benzo(b)fluoranthene	23.058	252	14029	0.343	ng/ul	99
25) Benzo(k)fluoranthene	23.105	252	14773	0.333	ng/ul	99
26) Benzo(a)pyrene	23.666	252	12551	0.325	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.192	276	13918	0.307	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.212	278	11059	0.297	ng/ul	97
29) Benzo(g,h,i)perylene	26.937	276	10719	0.259	ng/ul	99

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

Quantitation Report (Not Reviewed)

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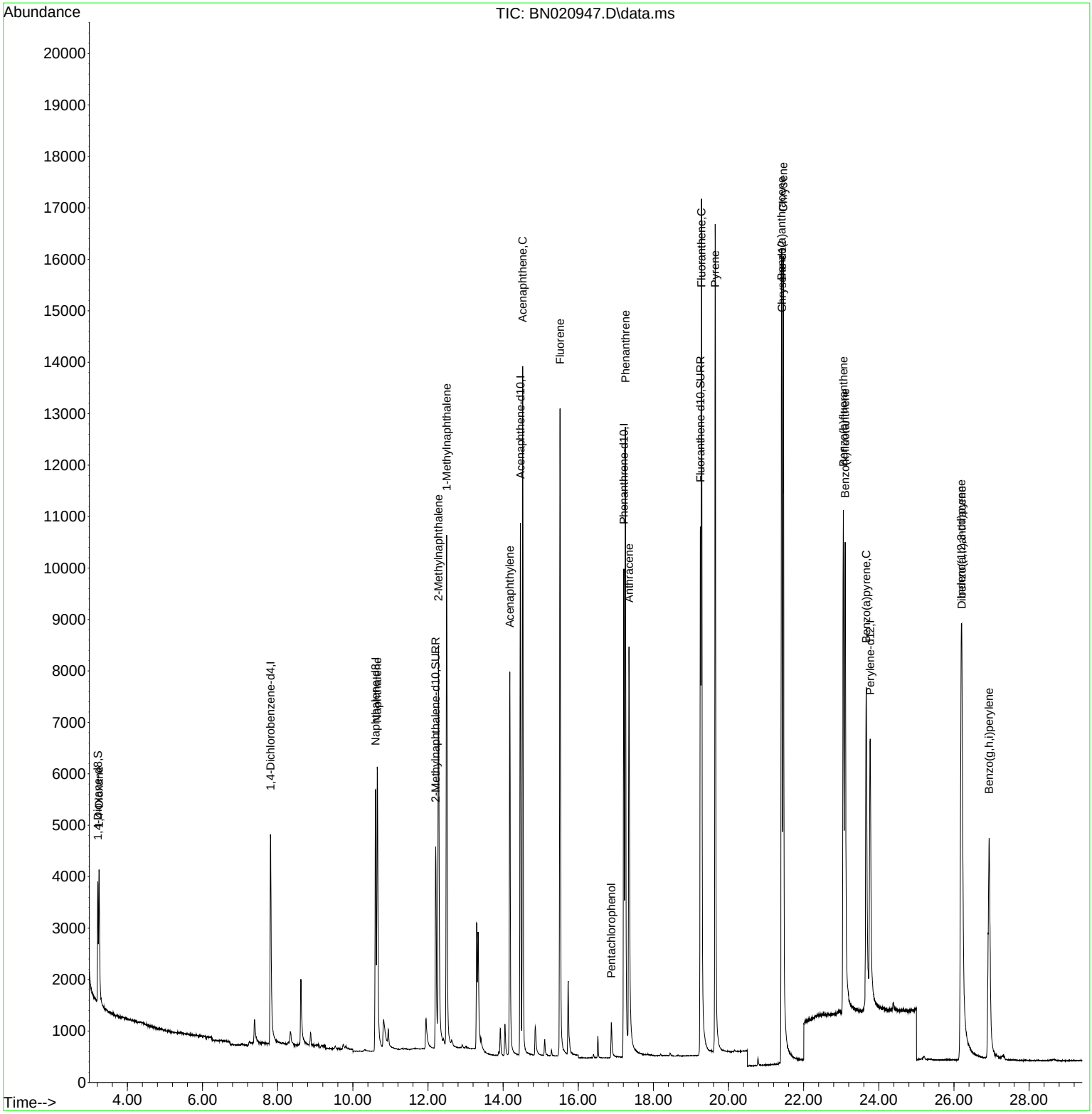
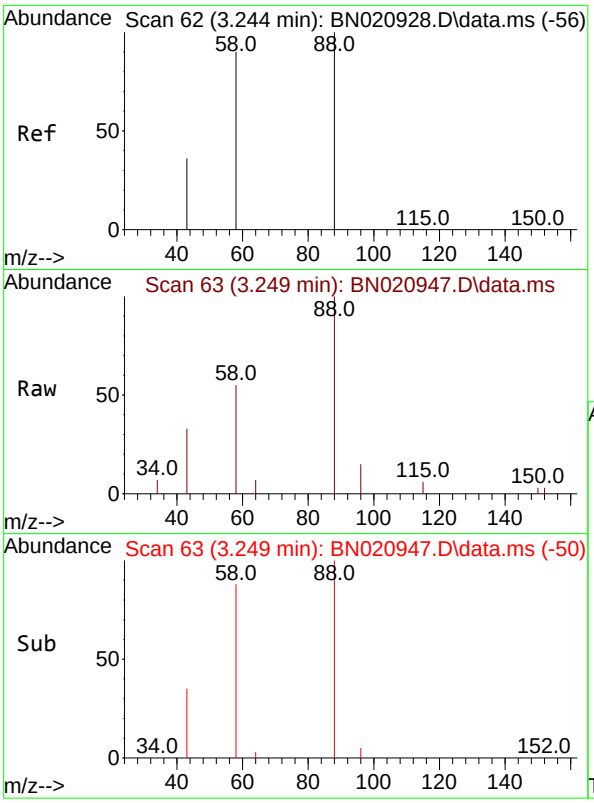
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 04:19:04 2022
Response via : Initial Calibration



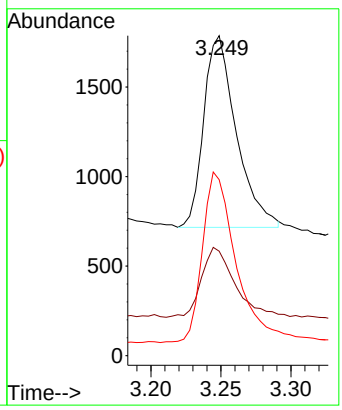


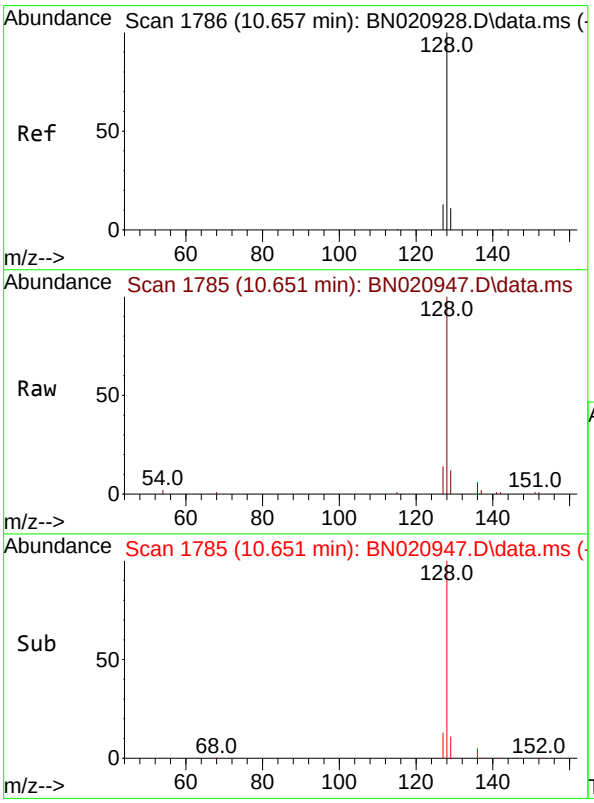
#2
1,4-Dioxane
Concen: 0.437 ng/ul
RT: 3.249 min Scan# 6
Delta R.T. 0.005 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1736

Ion	Ratio	Lower	Upper
88	100		
43	32.6	31.4	47.0
58	55.0	49.0	73.6

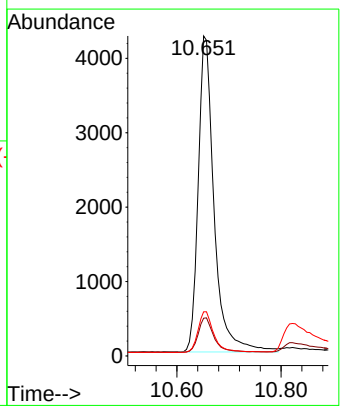


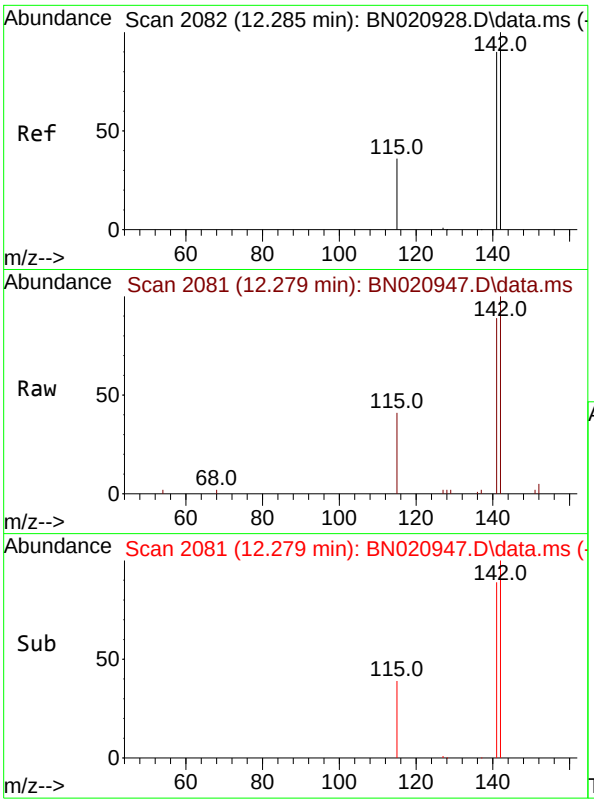


#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:128 Resp: 9027

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.8	11.6	17.4



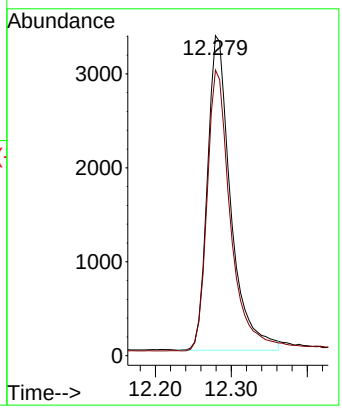


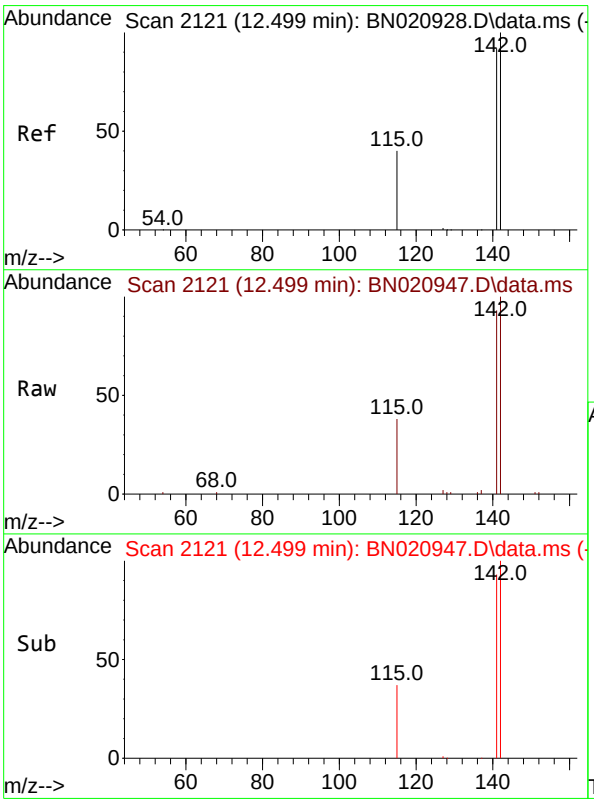
#7
2-Methylnaphthalene
Concen: 0.512 ng/ul
RT: 12.279 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 7166

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.2	108.2

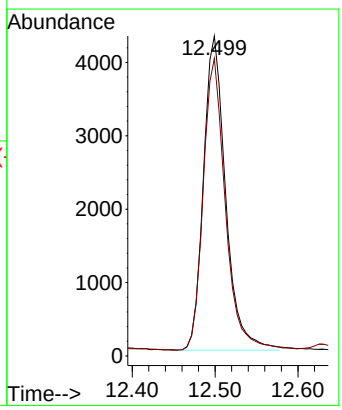


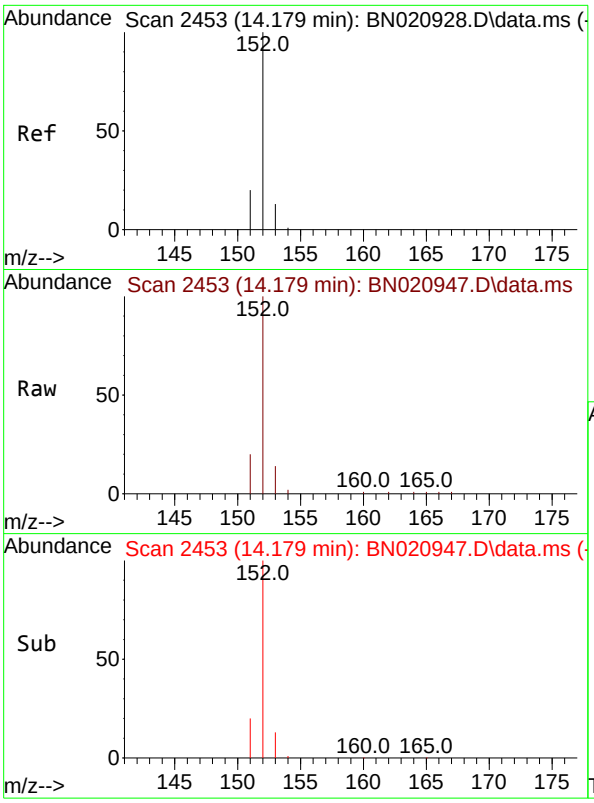


#8
1-Methylnaphthalene
Concen: 0.515 ng/ul
RT: 12.499 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:142 Resp: 7956

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.9	110.9



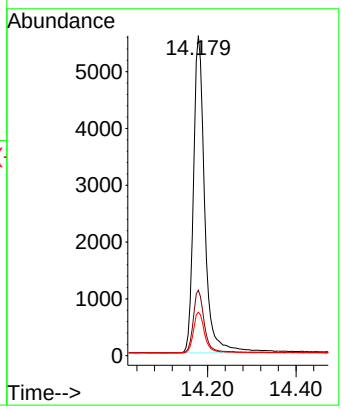


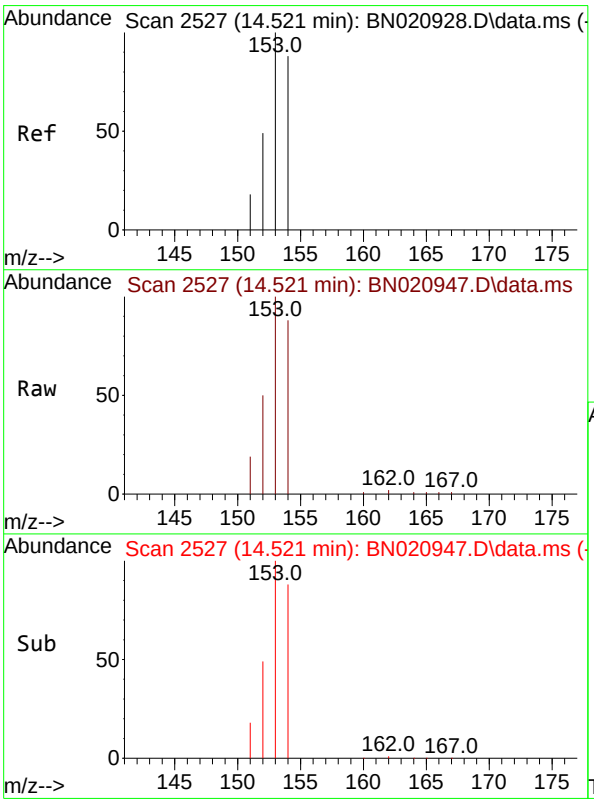
#10
Acenaphthylene
Concen: 0.393 ng/ul
RT: 14.179 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9946

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.6	11.2	16.8

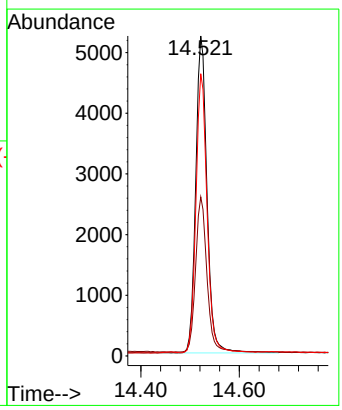


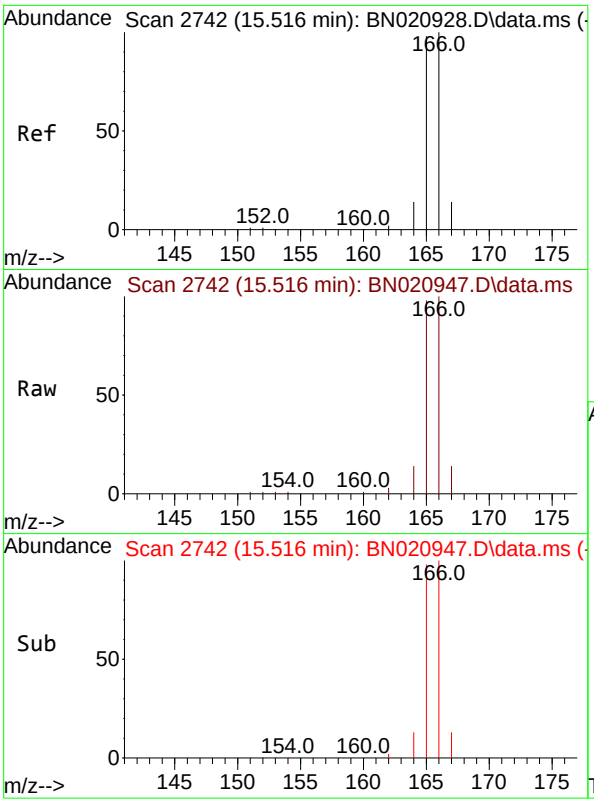


#11
Acenaphthene
Concen: 0.392 ng/ul
RT: 14.521 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:153 Resp: 8277

Ion	Ratio	Lower	Upper
153	100		
152	49.7	40.2	60.4
154	88.2	70.7	106.1



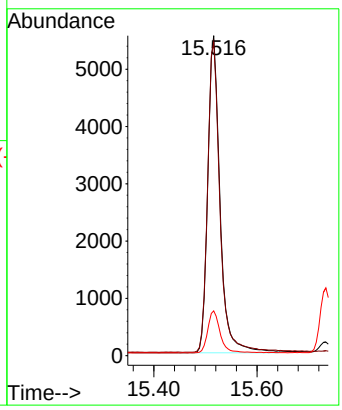


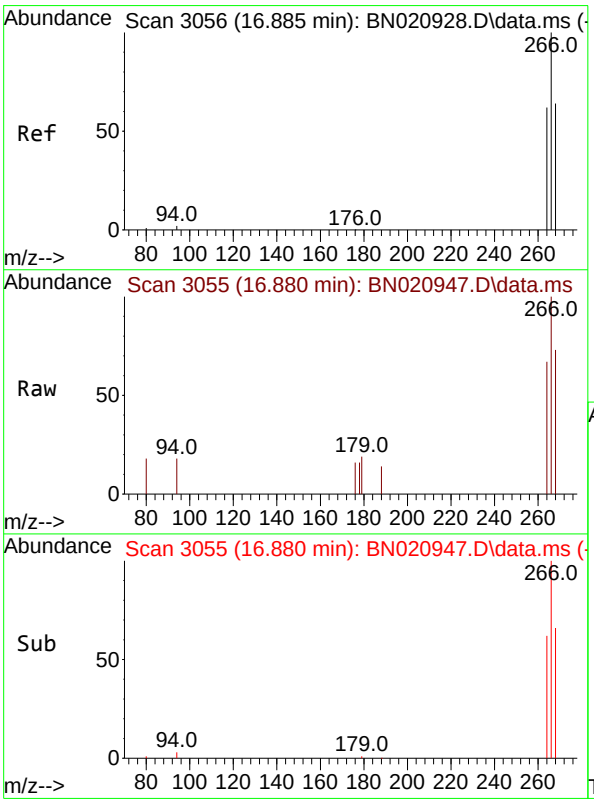
#12
Fluorene
Concen: 0.375 ng/ul
RT: 15.516 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 9116

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.6	117.8
167	14.0	11.8	17.6

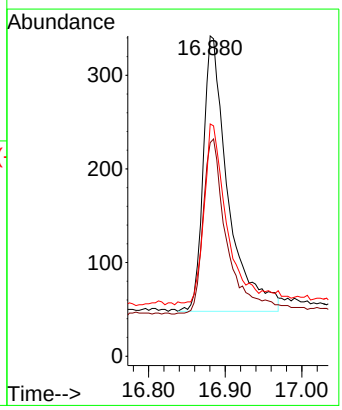


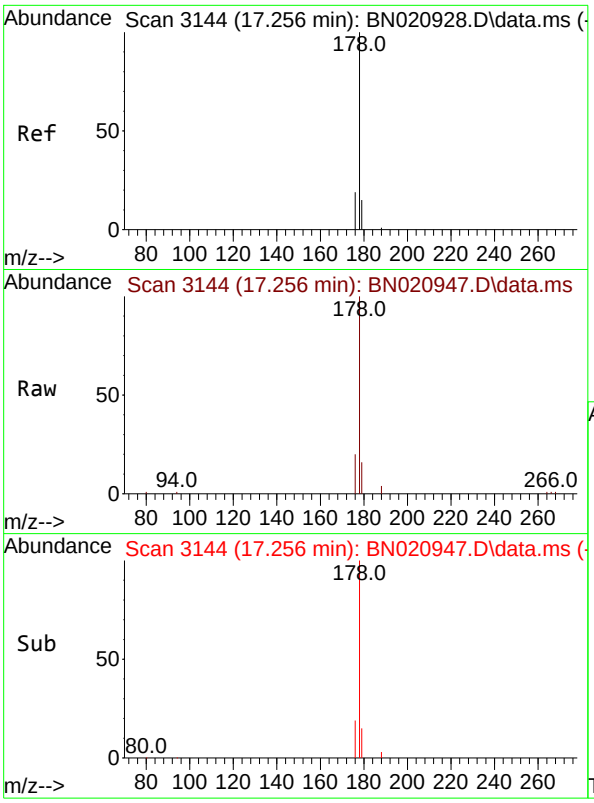


#14
Pentachlorophenol
Concen: 0.334 ng/ul
RT: 16.880 min Scan# 3055
Delta R.T. -0.004 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:266 Resp: 657

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.8	74.8
268	62.6	50.6	75.8



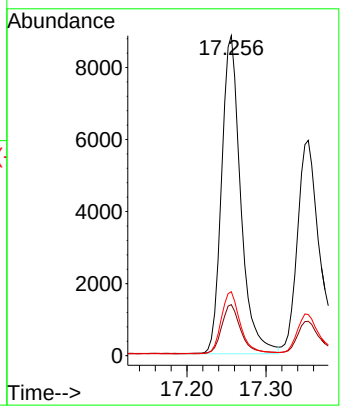


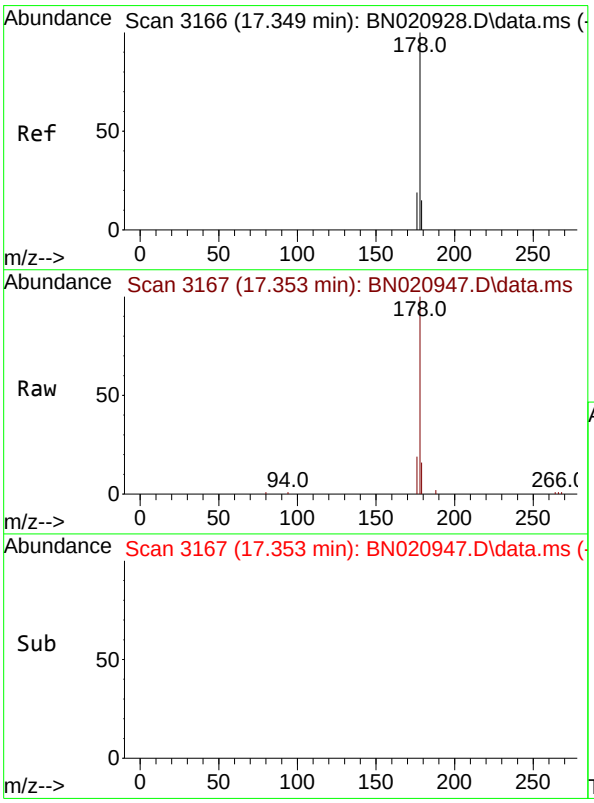
#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.256 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 14844

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	15.9	23.9

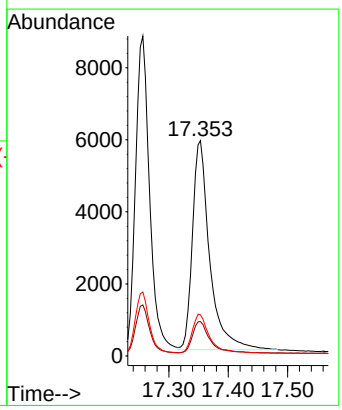


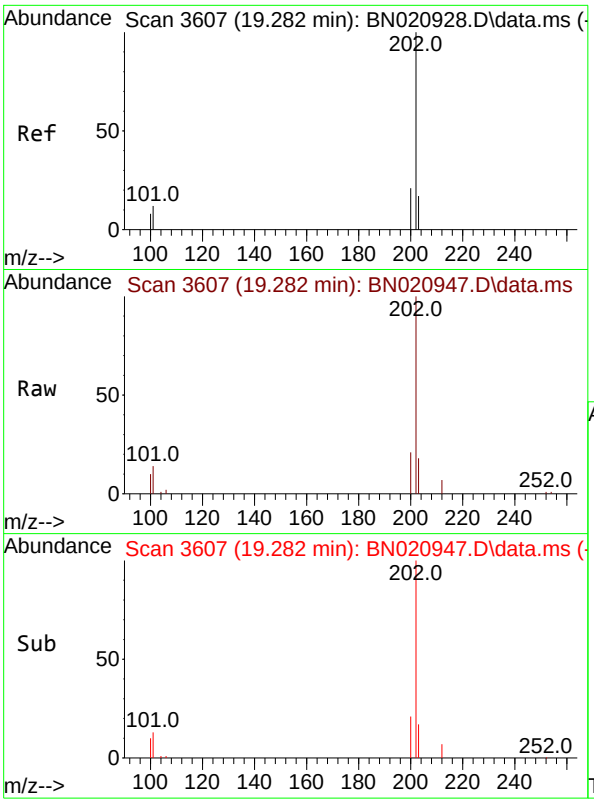


#16
Anthracene
Concen: 0.326 ng/ul
RT: 17.353 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:178 Resp: 11730

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	19.1	15.9	23.9



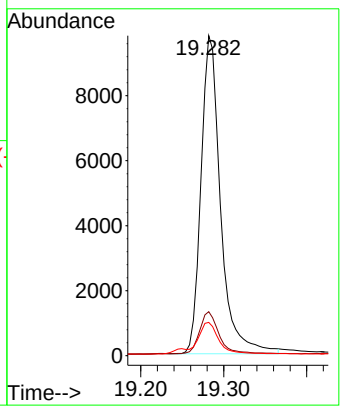


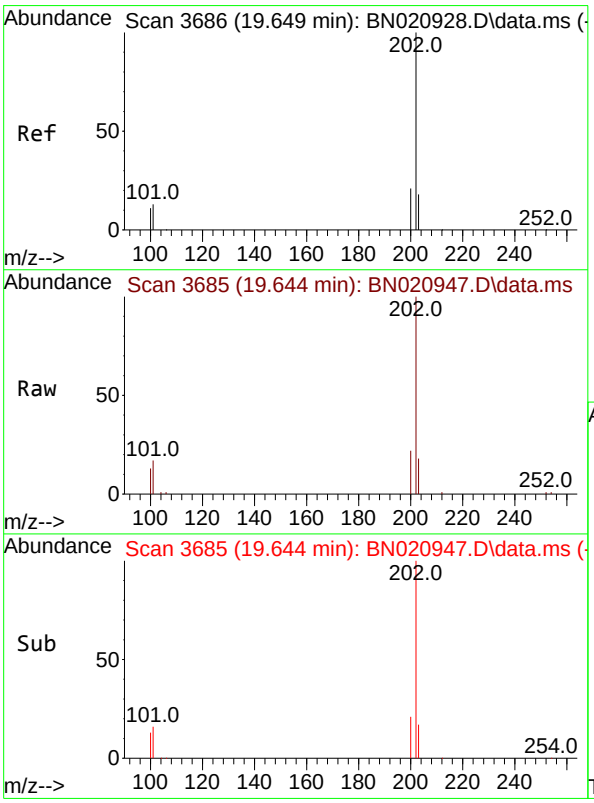
#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.282 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 16121

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.0	15.0
100	10.4	8.0	12.0

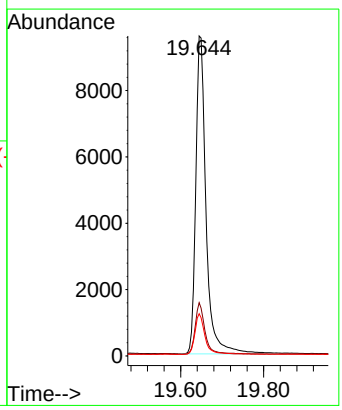


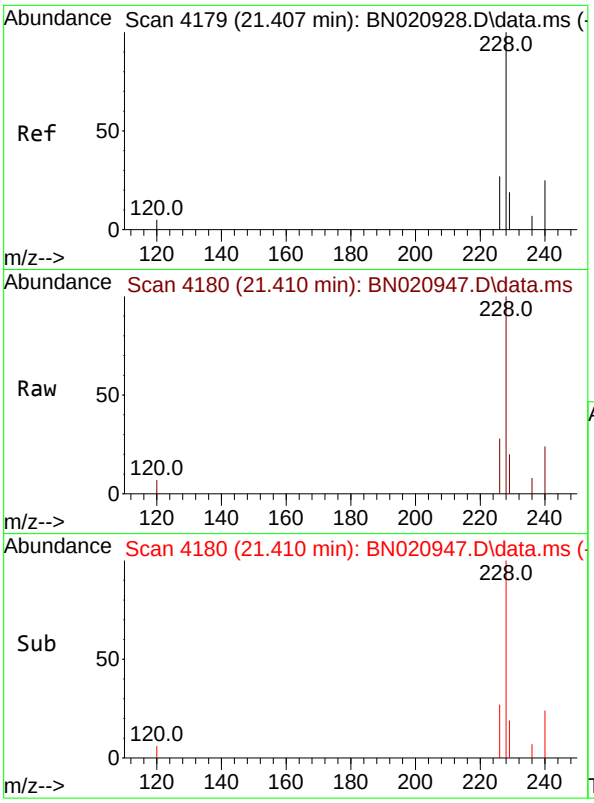


#20
Pyrene
Concen: 0.335 ng/ul
RT: 19.644 min Scan# 3685
Delta R.T. -0.005 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:202 Resp: 16549

Ion	Ratio	Lower	Upper
202	100		
101	16.6	11.3	16.9
100	13.2	9.0	13.4



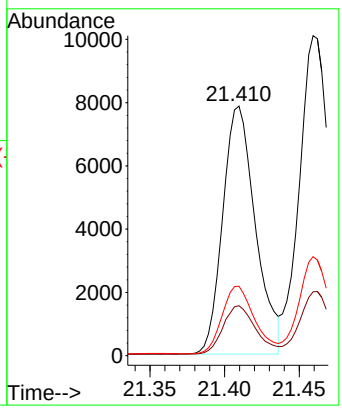


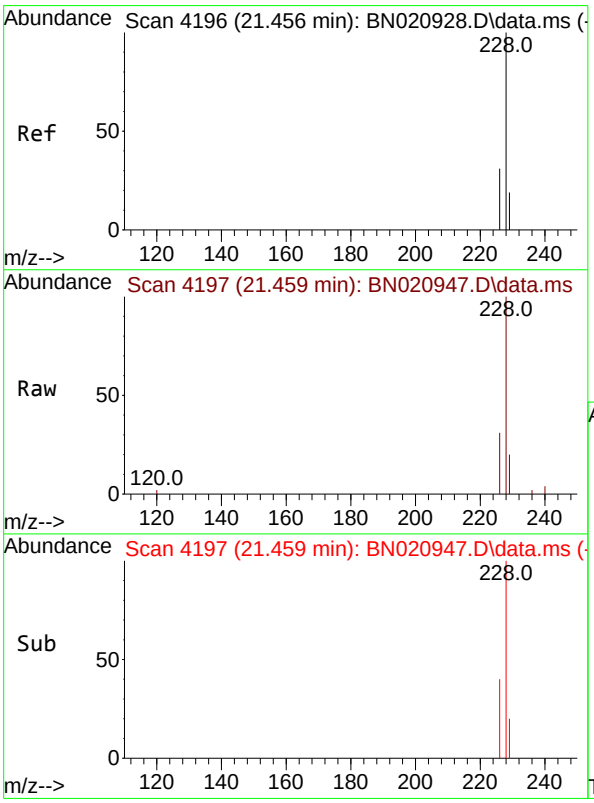
#21
Benzo(a)anthracene
Concen: 0.314 ng/ul
RT: 21.410 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 11956

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.8	21.9	32.9

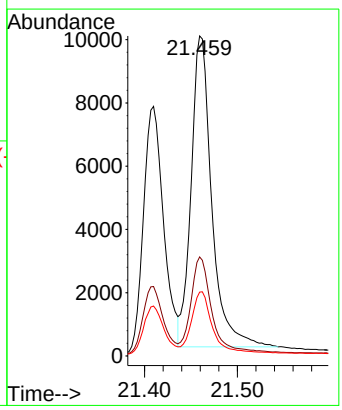


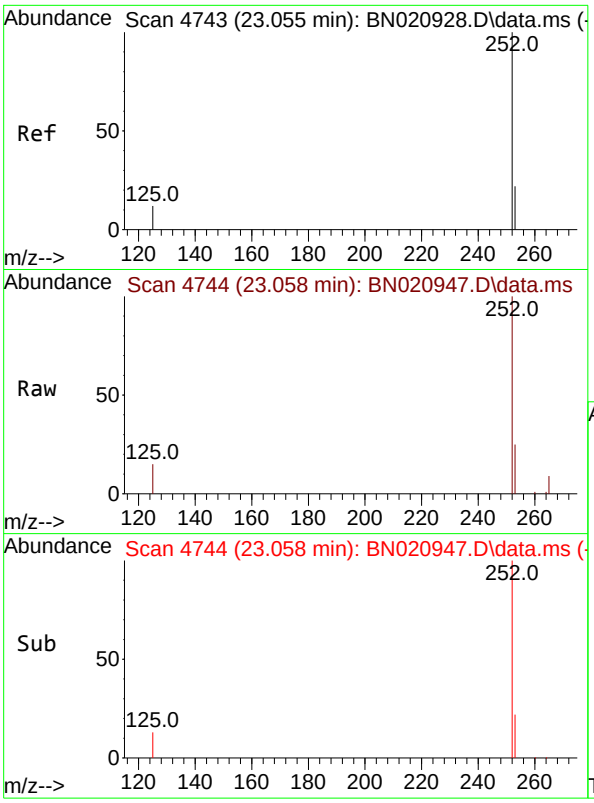


#22
Chrysene
Concen: 0.323 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. 0.003 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:228 Resp: 15225

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.9	15.8	23.8



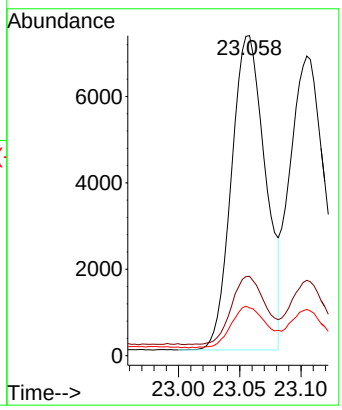


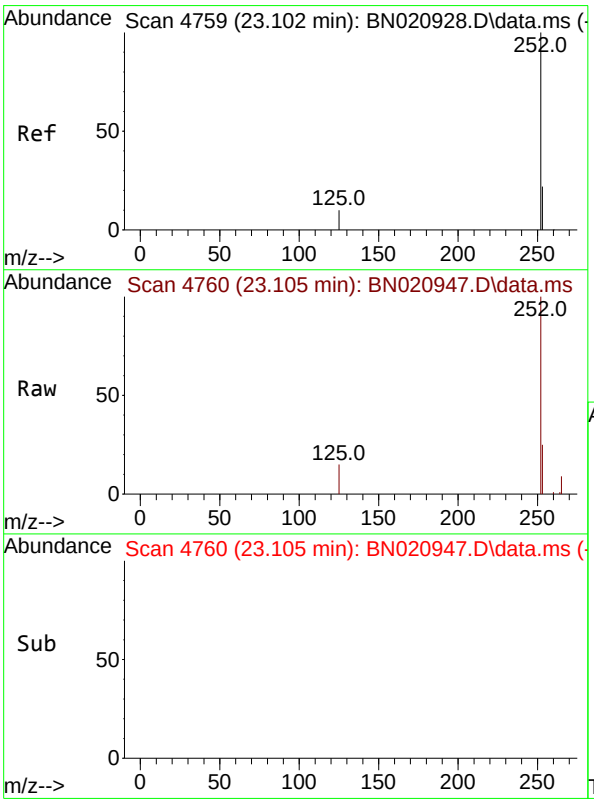
#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 23.058 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14029

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	50.8
125	15.0	0.0	30.0

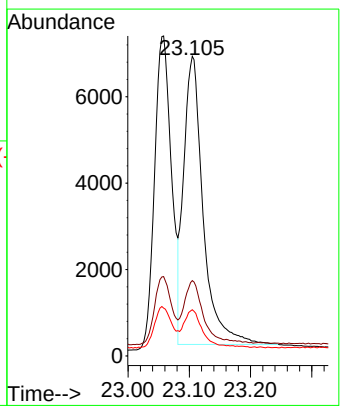


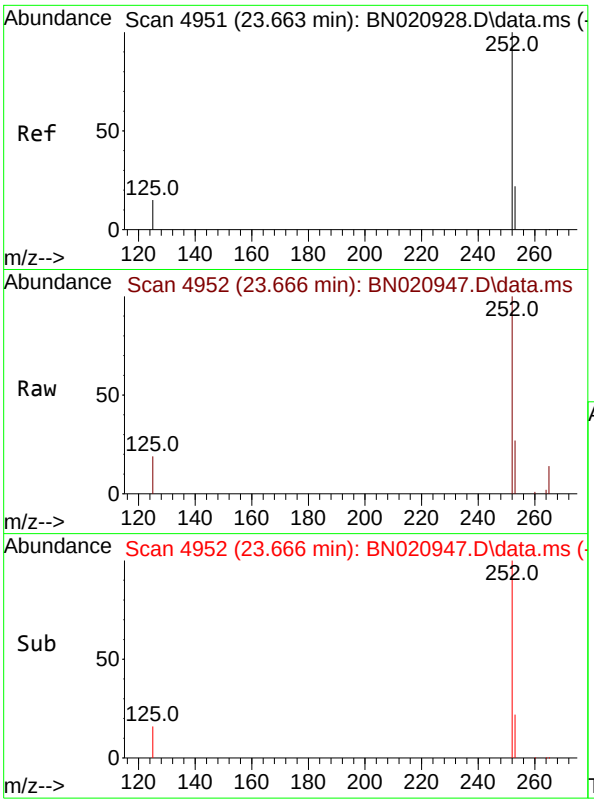


#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul
RT: 23.105 min Scan# 4760
Delta R.T. 0.003 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:252 Resp: 14773

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.6	31.0
125	15.4	11.8	17.6



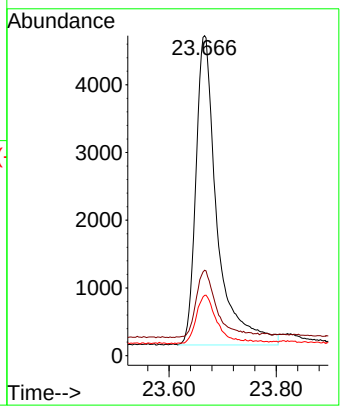


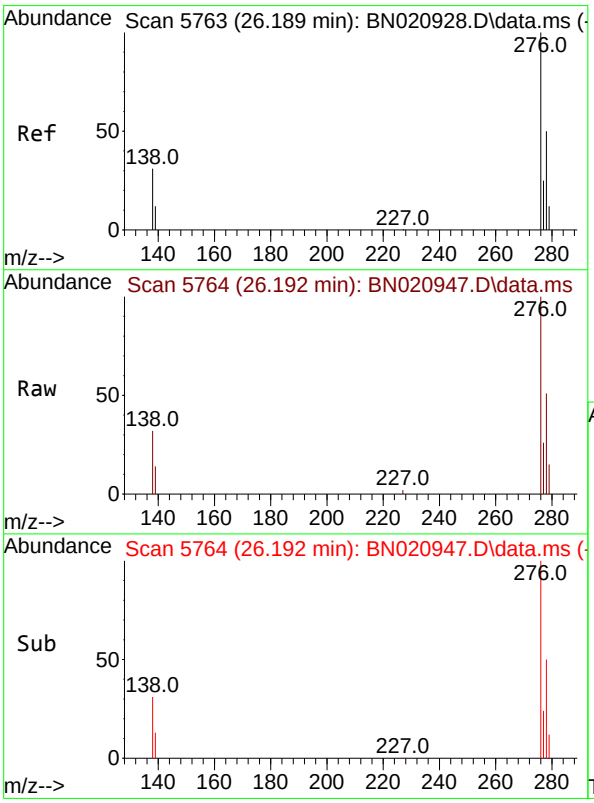
#26
Benzo(a)pyrene
Concen: 0.325 ng/ul
RT: 23.666 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12551

Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.1	33.1
125	18.8	14.7	22.1

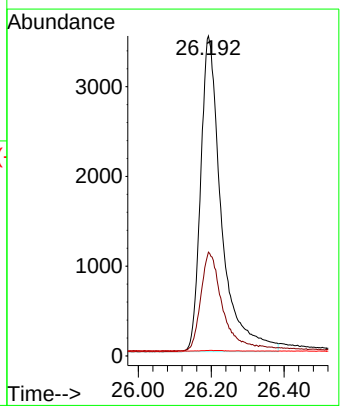


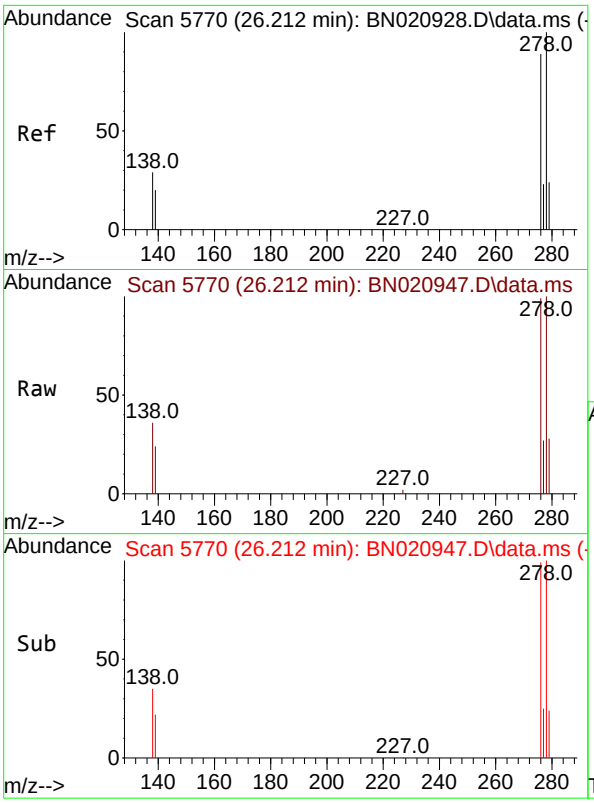


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 26.192 min Scan# 5764
Delta R.T. 0.003 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:276 Resp: 13918

Ion	Ratio	Lower	Upper
276	100		
138	33.4	26.1	39.1
227	0.1	0.1	0.1#



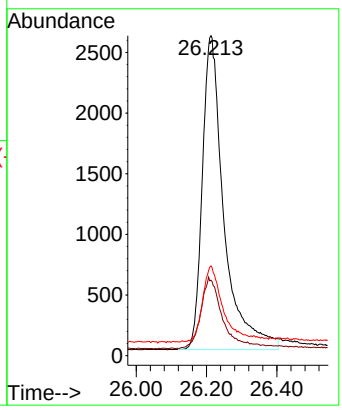


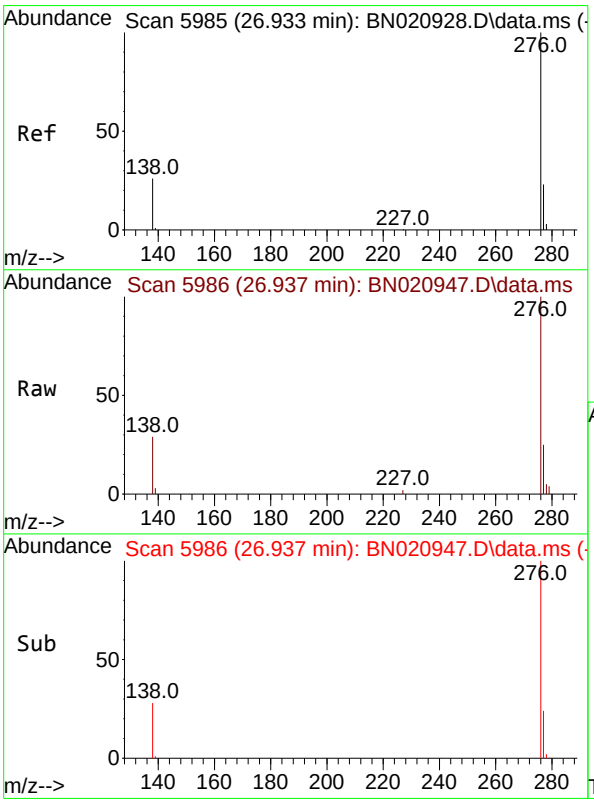
#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 11059

Ion	Ratio	Lower	Upper
278	100		
139	23.6	18.3	27.5
279	28.1	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.259 ng/ul
RT: 26.937 min Scan# 5986
Delta R.T. 0.003 min
Lab File: BN020947.D
Acq: 02 Aug 2022 17:37

Tgt Ion:276 Resp: 10719

Ion	Ratio	Lower	Upper
276	100		
138	29.2	22.6	34.0
277	25.3	20.2	30.2