Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031521\
Data File : BN013938.D
Acq On : 15 Mar 2021 10:39
Operator : CG/JU
Sample : M1496-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : X3171

Quant Time: Mar 15 11:09:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SFAM-EPA-SIM-BN031221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 13:33:49 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4310	0.40	ng/ul	0.00
4) Naphthalene-d8	10.49	136	14508	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.35	164	7330	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.09	188	16065	0.40	ng/ul	0.00
17) Chrysene-d12	21.27	240	14616	0.40	ng/ul	0.00
23) Perylene-d12	23.50	264	12316	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	2117	0.46	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.09	152	6097	0.29	ng/ul	0.00
18) Fluoranthene-d10	19.12	212	15390	0.35	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.54	128	24551	0.581	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	15115	0.550	ng/ul	100
12) Fluorene	15.40	166	20024	0.653	ng/ul	100
14) Pentachlorophenol	16.75	266	3311	1.205	ng/ul	98
15) Phenanthrene	17.14	178	37535	0.699	ng/ul	99
19) Fluoranthene	19.15	202	38672	0.658	ng/ul	99
21) Benzo(a)anthracene	21.26	228	43827	0.842	ng/ul	100
25) Benzo(k)fluoranthene	22.88	252	41972	0.720	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.73	276	36385	0.586	ng/ul#	89
29) Benzo(g,h,i)perylene	26.42	276	59522	1.078	ng/ul	99

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

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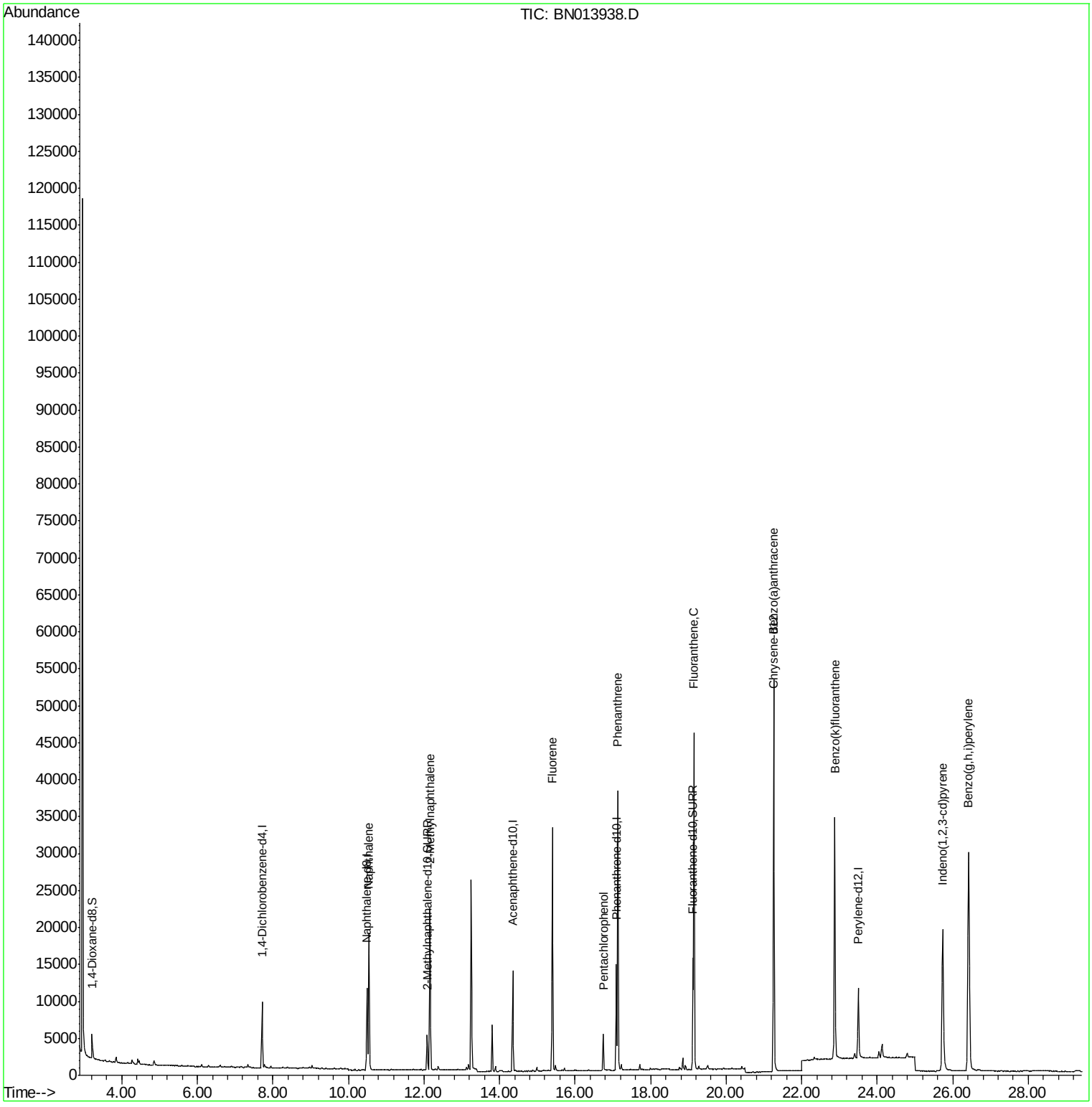
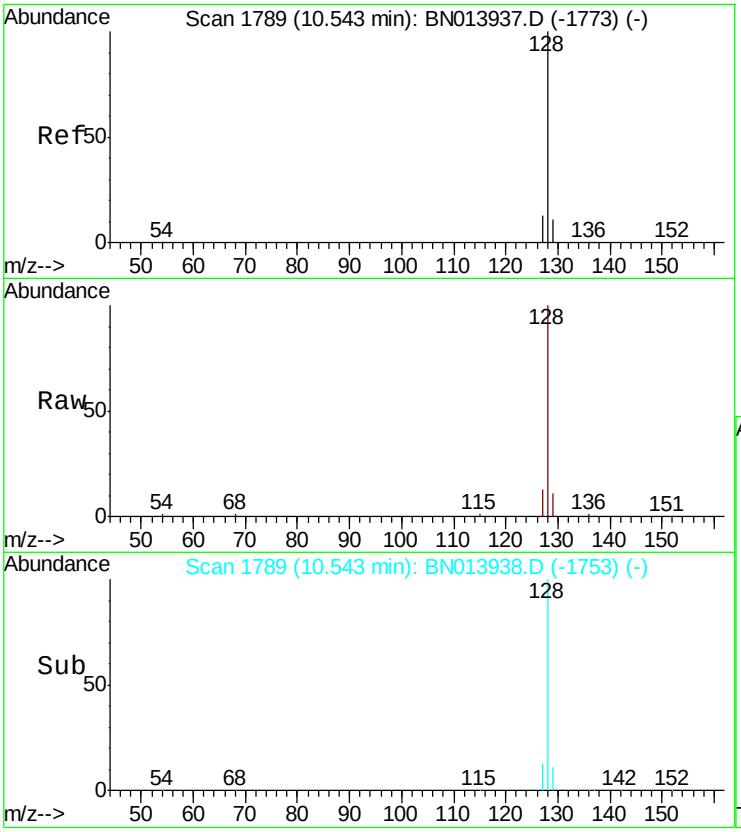


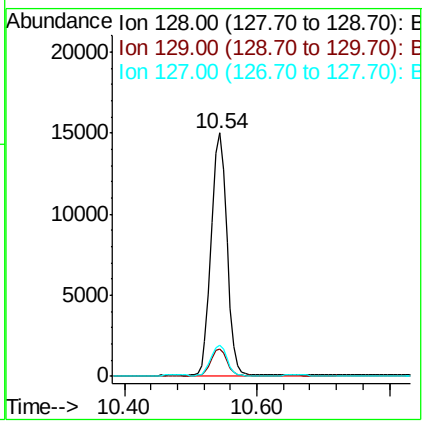


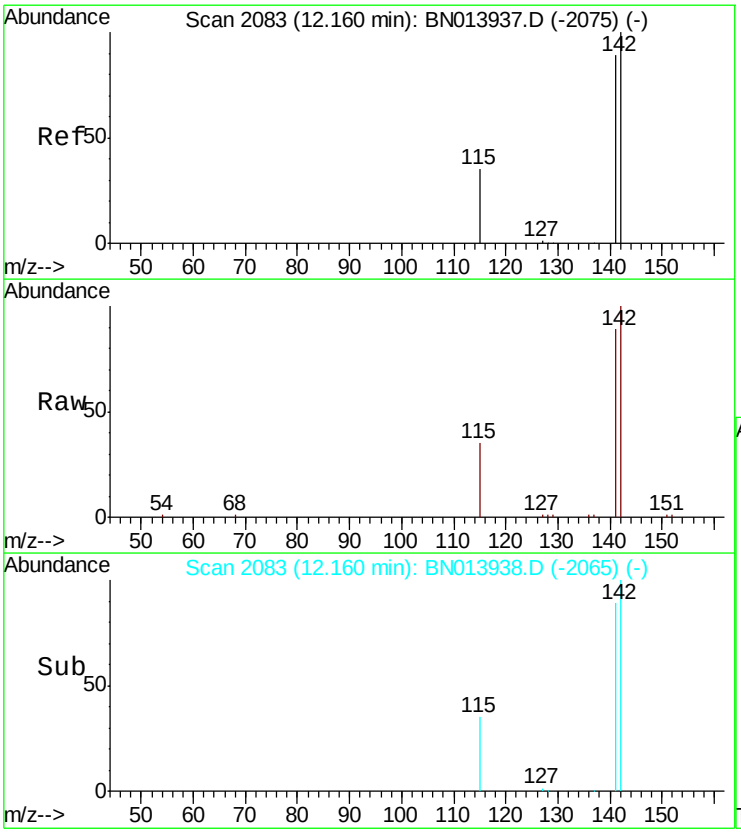
#5
Naphthalene
Concen: 0.581 ng/ul
RT: 10.54 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Instrument :
BNA_N
ClientSampleId :
X3171

Tgt Ion:128 Resp: 24551

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	13.0	10.7	16.1

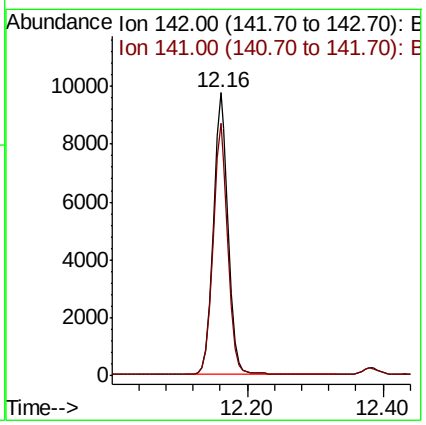


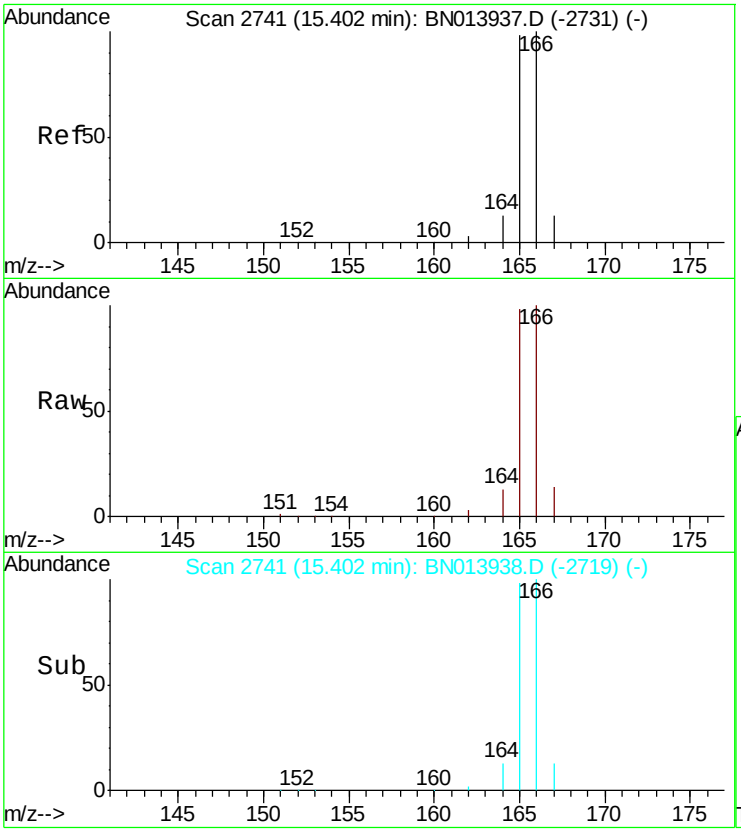


#7
2-Methylnaphthalene
Concen: 0.550 ng/ul
RT: 12.16 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Tgt Ion:142 Resp: 15115

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.2	106.8



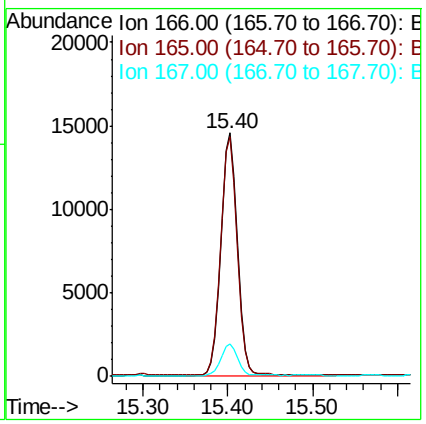


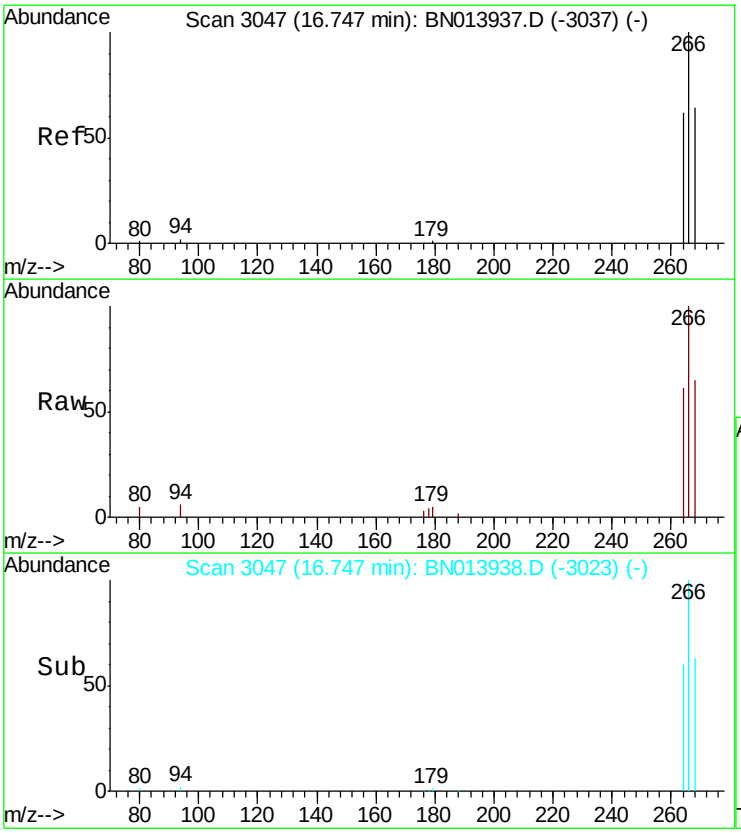
#12
Fluorene
Concen: 0.653 ng/ul
RT: 15.40 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Instrument :
BNA_N
ClientSampleId :
X3171

Tgt Ion:166 Resp: 20024

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.4	117.6
167	13.6	11.0	16.6

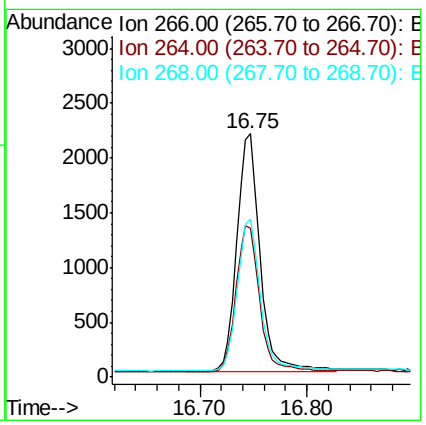


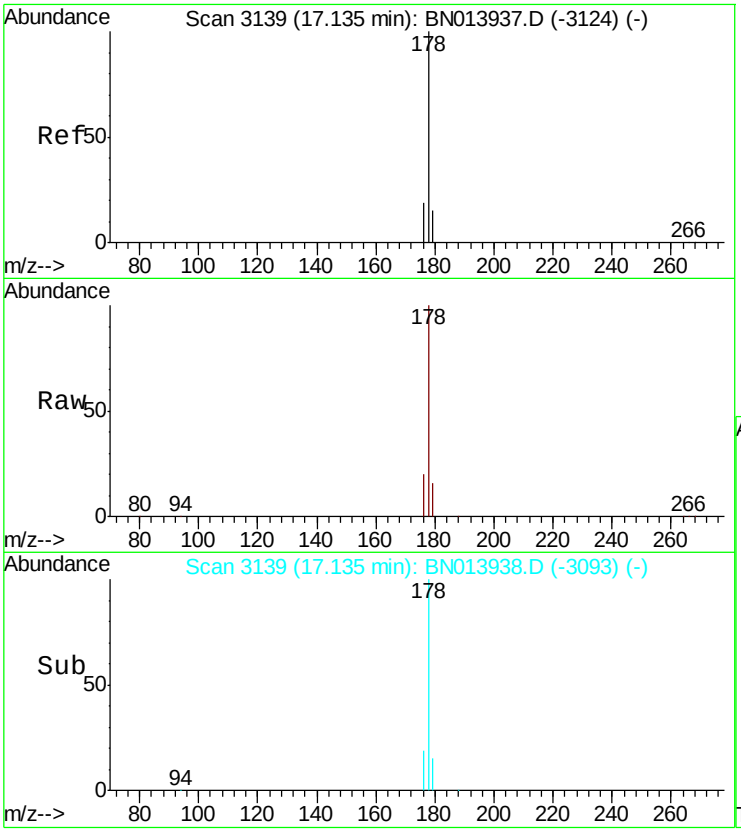


#14
Pentachlorophenol
Concen: 1.205 ng/ul
RT: 16.75 min Scan# 3047
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Tgt Ion:266 Resp: 3311

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.2	73.8
268	63.9	52.3	78.5



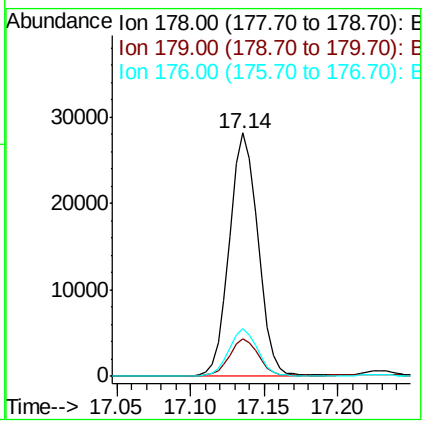


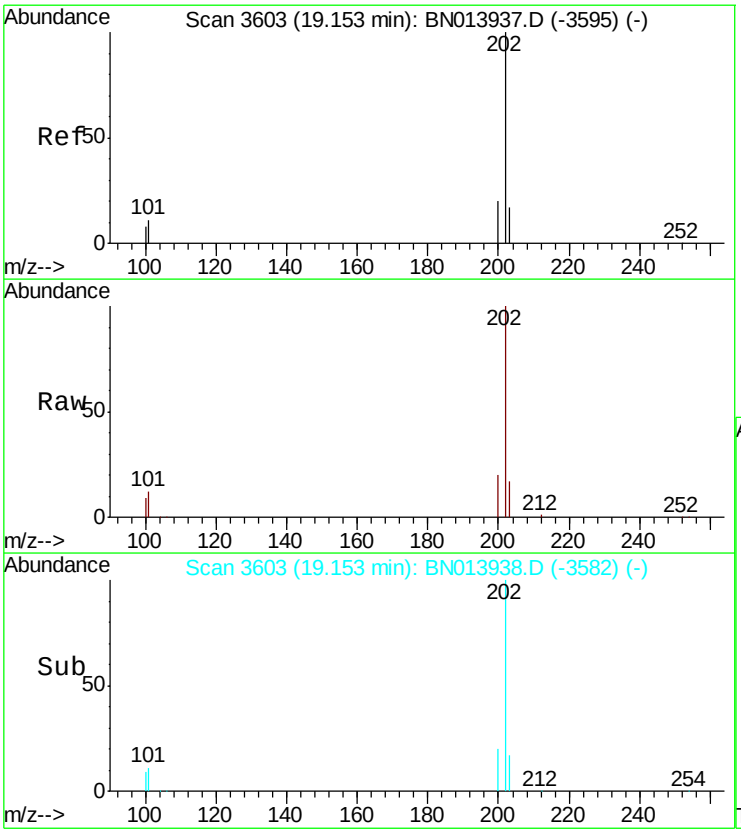
#15
Phenanthrene
Concen: 0.699 ng/ul
RT: 17.14 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Instrument :
BNA_N
ClientSampleId :
X3171

Tgt Ion:178 Resp: 37535

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.6	15.3	22.9

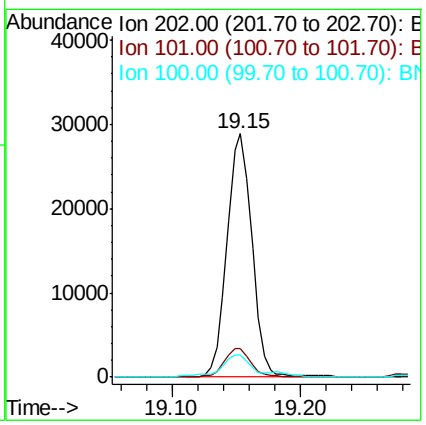


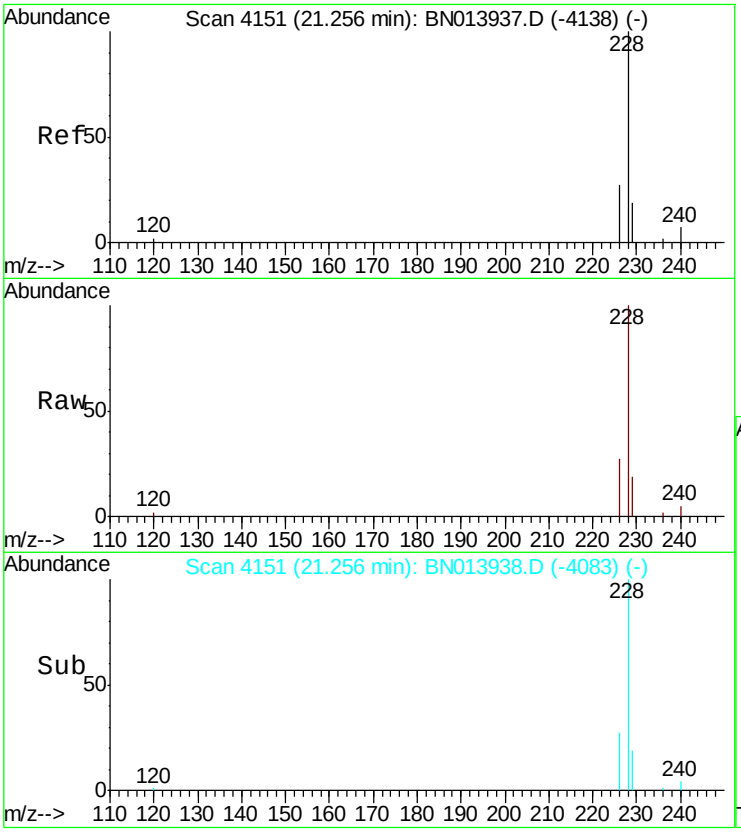


#19
Fluoranthene
Concen: 0.658 ng/ul
RT: 19.15 min Scan# 3603
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Tgt Ion:202 Resp: 38672

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.7	14.5
100	8.9	7.4	11.2



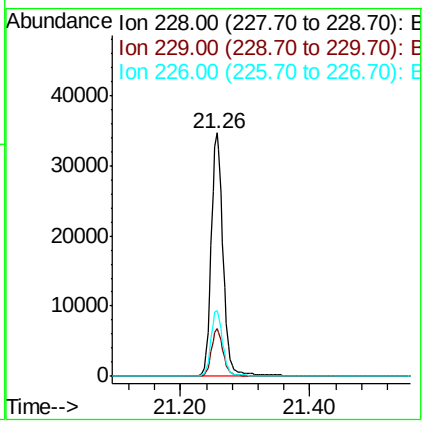


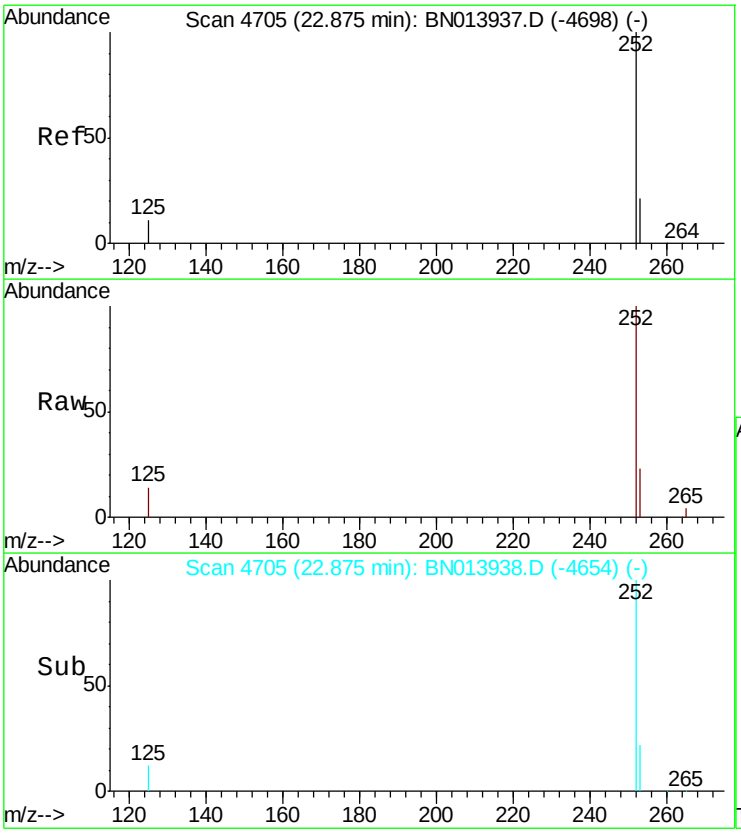
#21
Benzo(a)anthracene
Concen: 0.842 ng/ul
RT: 21.26 min Scan# 4151
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Instrument :
BNA_N
ClientSampleId :
X3171

Tgt Ion:228 Resp: 43827

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	27.1	21.5	32.3

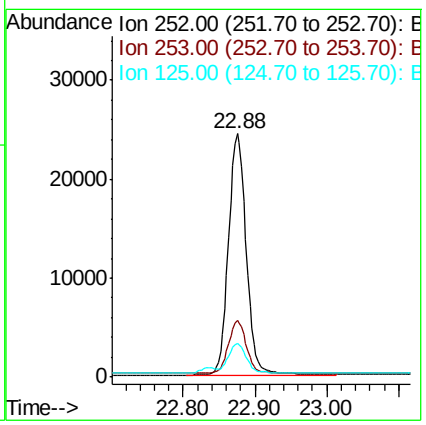


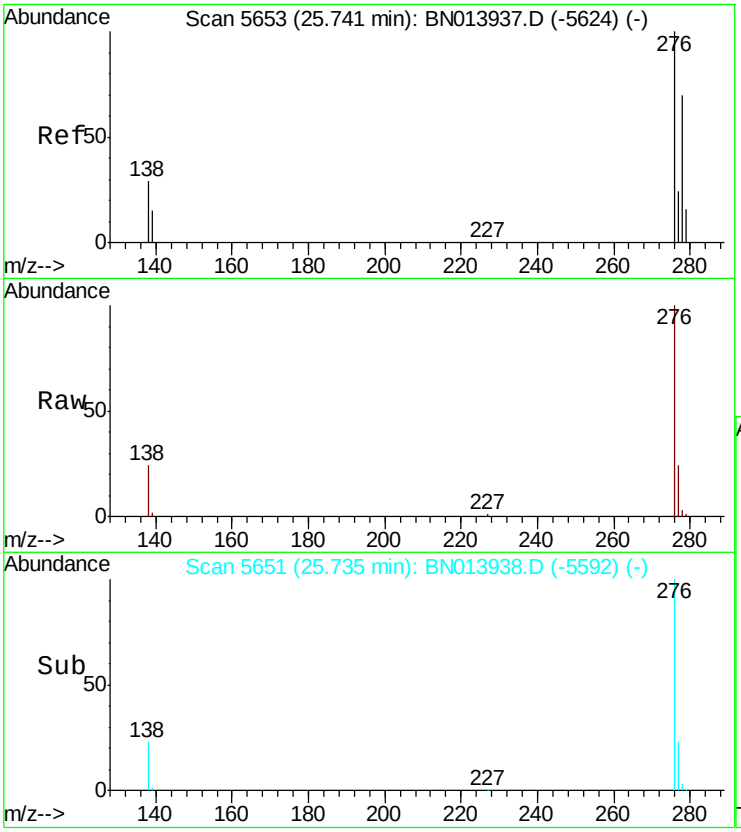


#25
Benzo(k)fluoranthene
Concen: 0.720 ng/ul
RT: 22.88 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Tgt Ion:252 Resp: 41972

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	13.7	10.5	15.7



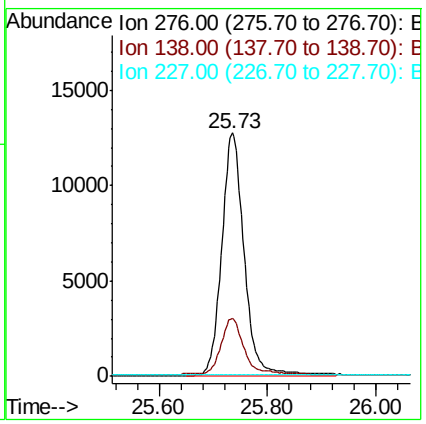


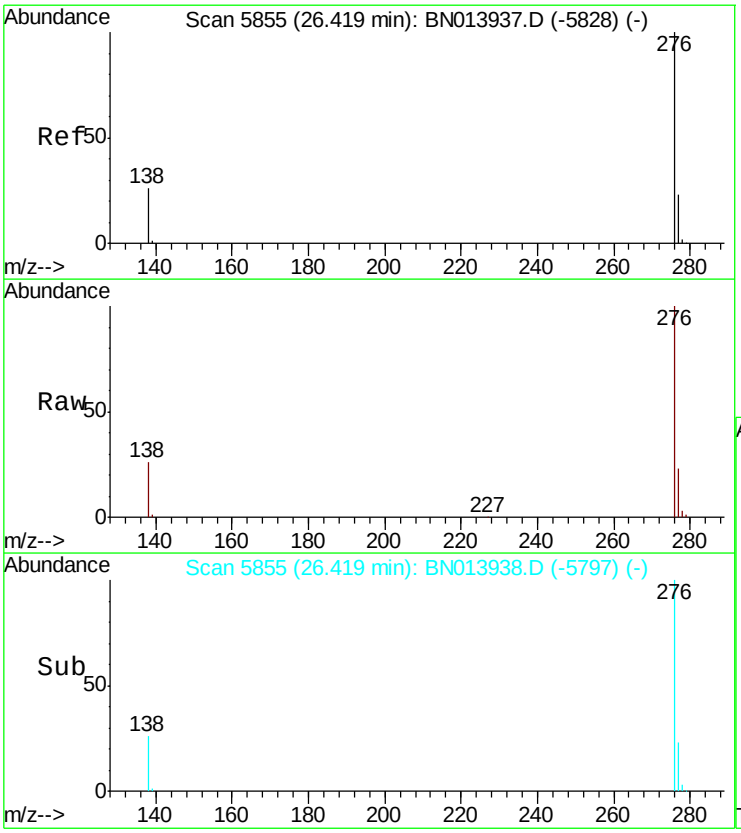
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.586 ng/ul
RT: 25.73 min Scan# 5651
Delta R.T. -0.00 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Instrument :
BNA_N
ClientSampleId :
X3171

Tgt Ion:276 Resp: 36385

Ion	Ratio	Lower	Upper
276	100		
138	23.4	23.4	35.0
227	0.1	0.0	0.0#





#29
Benzo(g,h,i)perylene
Concen: 1.078 ng/ul
RT: 26.42 min Scan# 5855
Delta R.T. -0.01 min
Lab File: BN013938.D
Acq: 15 Mar 2021 10:39

Tgt Ion:276 Resp: 59522

Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.8	31.2
277	23.4	19.4	29.2