Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHH9DL

Quant Time: Apr 24 08:55:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	496731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2121319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1210296	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2463295	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1627074	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1769183	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	7189	0.70	ng/uL	0.00
5) Phenol-d5	6.78	99	146583	3.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	95370	3.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	119669	4.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	120132	3.94	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	56244	4.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	54706	4.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	119554	3.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	70625	2.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	395116	4.50	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	474832	4.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	32828	2.37	ng/ul	0.00
57) Fluorene-d10	15.23	176	324192	4.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	12203	1.10	ng/ul	0.00
70) Anthracene-d10	17.08	188	458122	4.44	ng/ul	0.00
78) Pyrene-d10	19.40	212	414573	4.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	327569	4.24	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.41	128	218502	2.216	ng/ul	97
34) 2-Methylnaphthalene	12.03	142	295252	4.089	ng/ul	97
44) Dimethylphthalate	13.69	163	125802	1.437	ng/ul	98
47) Acenaphthylene	13.95	152	912369	8.603	ng/ul	99
58) Fluorene	15.29	166	159965	1.967	ng/ul#	99
69) Phenanthrene	17.03	178	563851	4.700	ng/ul	99
71) Anthracene	17.12	178	473348	3.873	ng/ul	99
76) Fluoranthene	19.06	202	2688065	20.201	ng/ul	100
79) Pyrene	19.43	202	4870472	46.491	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1734635	17.137	ng/ul	95
84) Chrysene	21.25	228	1731069	18.427	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1353000	13.605	ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	1353000	14.245	ng/ul	97
90) Benzo(a)pyrene	23.32	252	1298262	13.888	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	550176	5.323	ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	194645	2.219	ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	392518	4.593	ng/ul	98

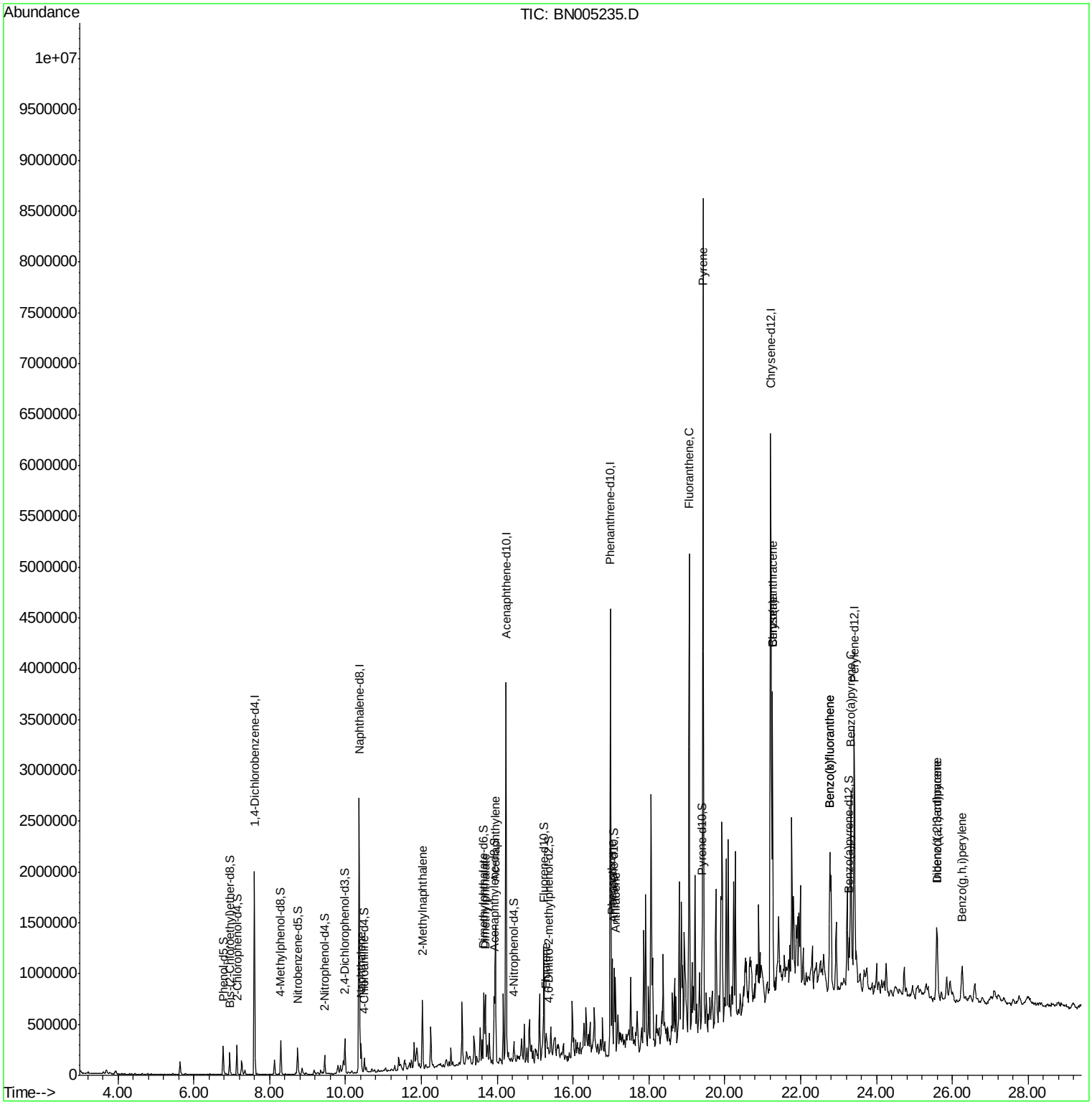
(#) = qualifier out of range (m) = manual integration (+) = signals summed

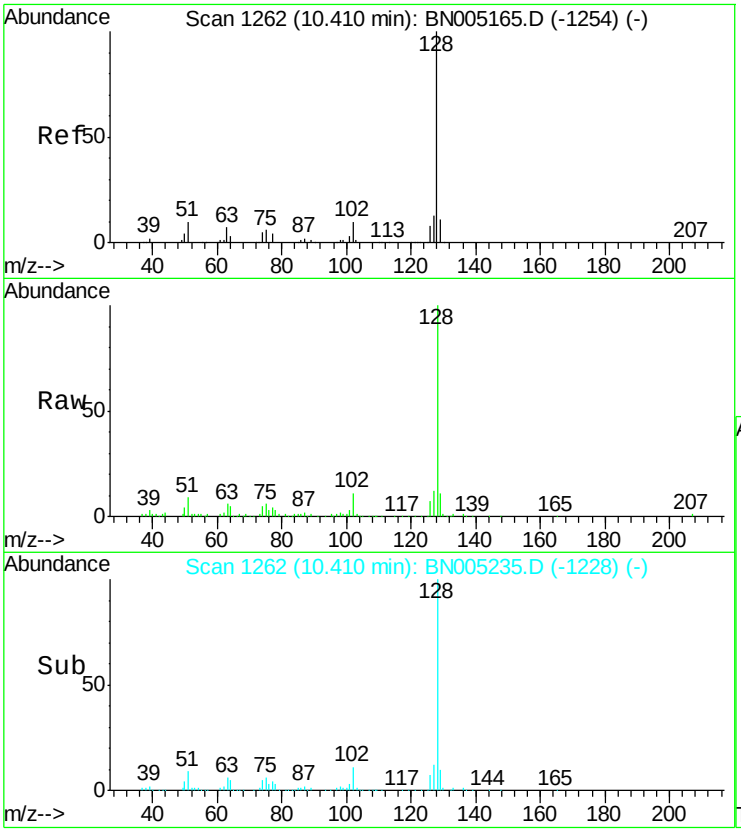
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Quant Time: Apr 24 08:55:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration



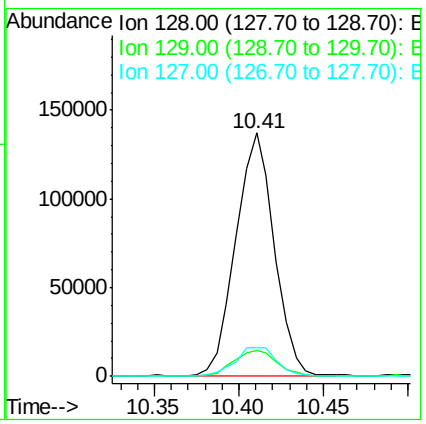


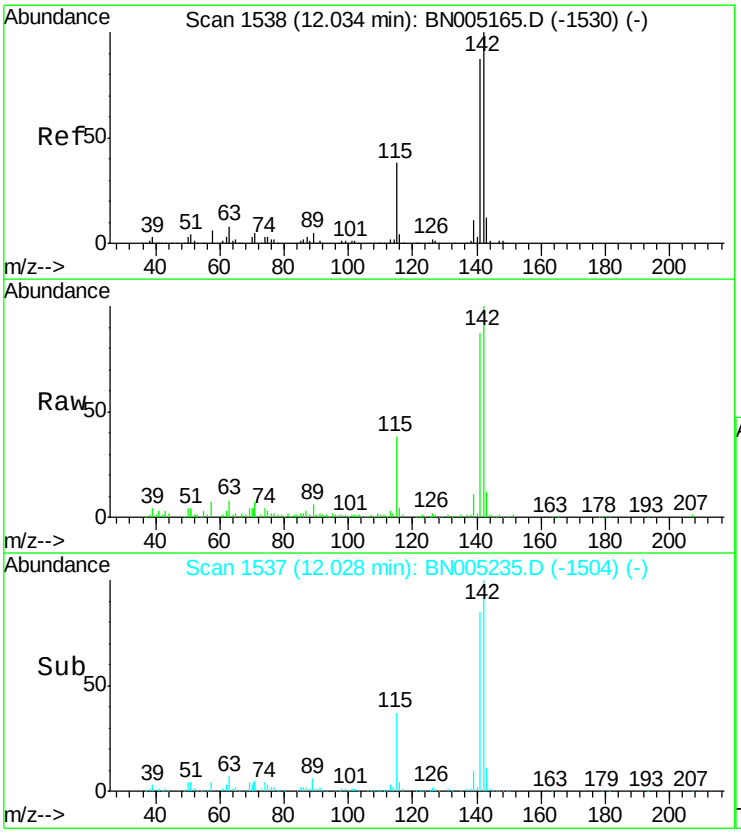
#28
Naphthalene
Concen: 2.216 ng/ul
RT: 10.41 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:128 Resp: 218502

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	11.9	10.7	16.1

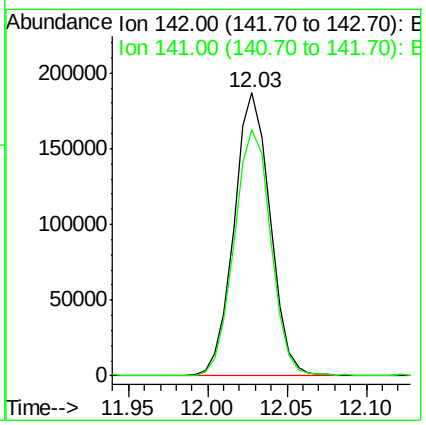


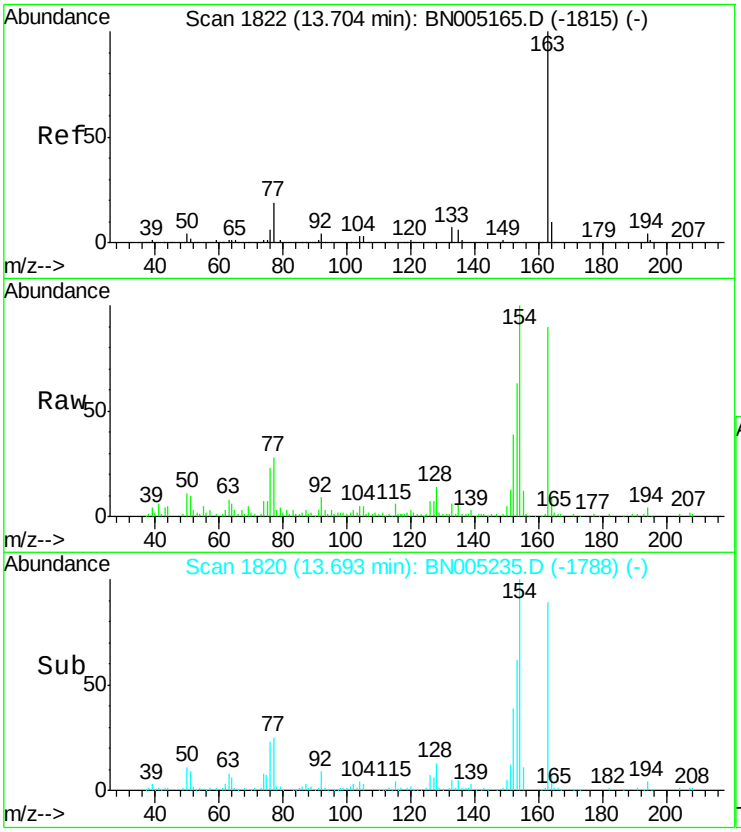


#34
2-Methylnaphthalene
Concen: 4.089 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:142 Resp: 295252

Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.0	108.0



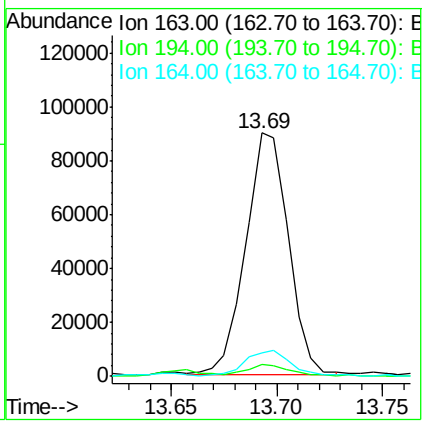


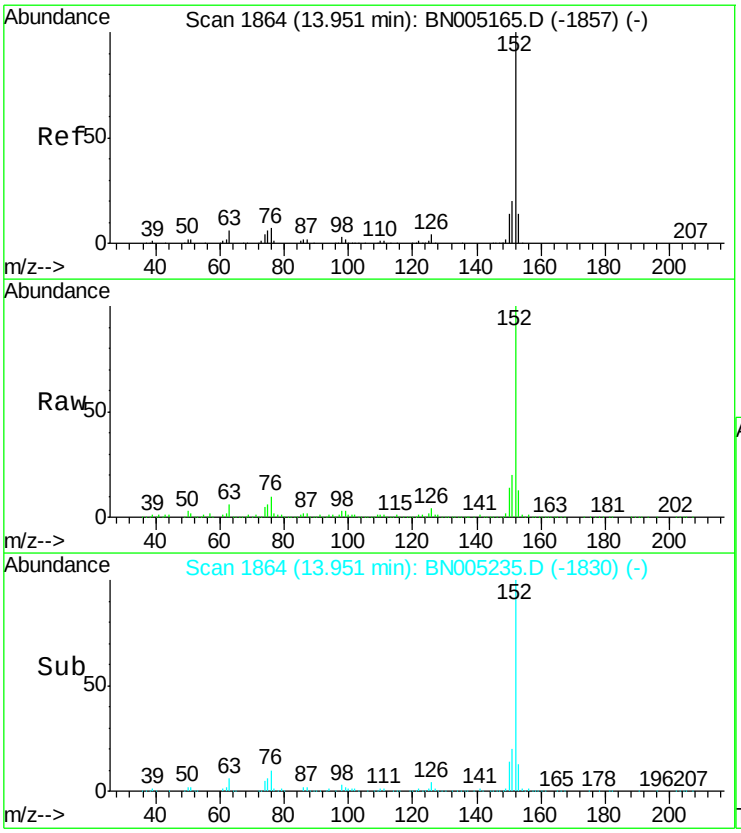
#44
Dimethylphthalate
Concen: 1.437 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:163 Resp: 125802

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	9.4	8.1	12.1

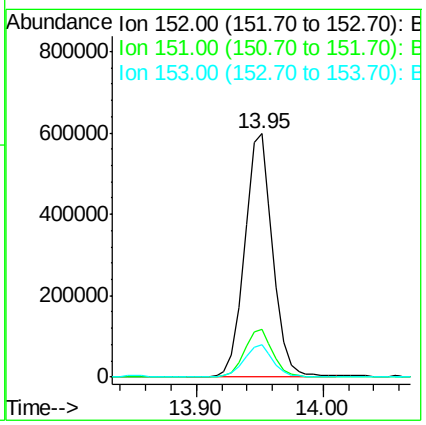


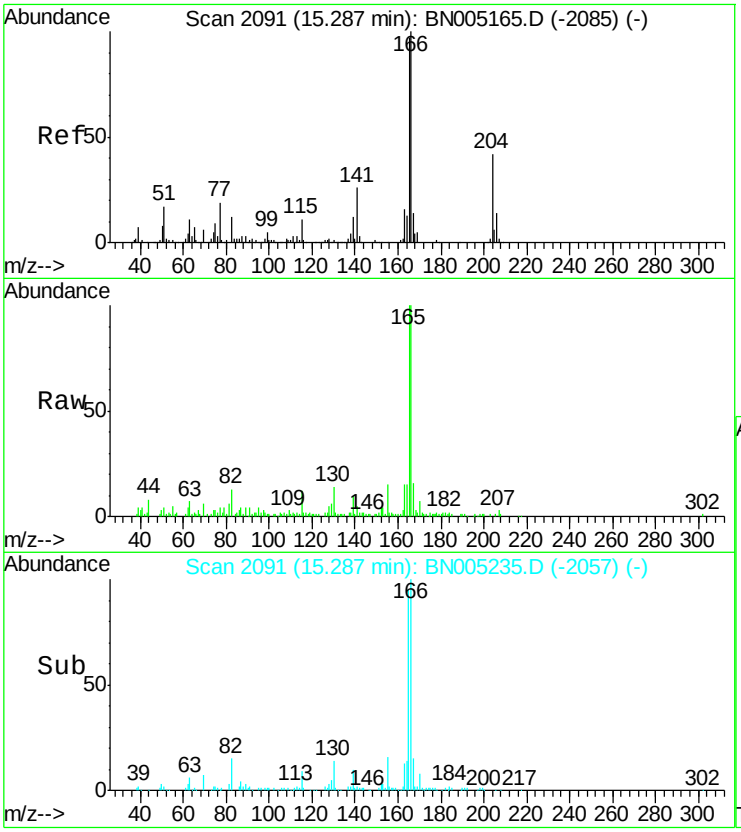


#47
Acenaphthylene
Concen: 8.603 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:152 Resp: 912369

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.3	9.8	14.8



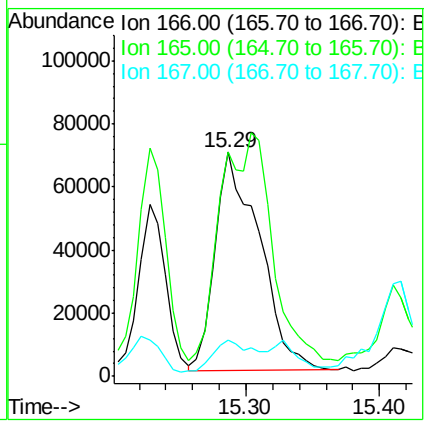


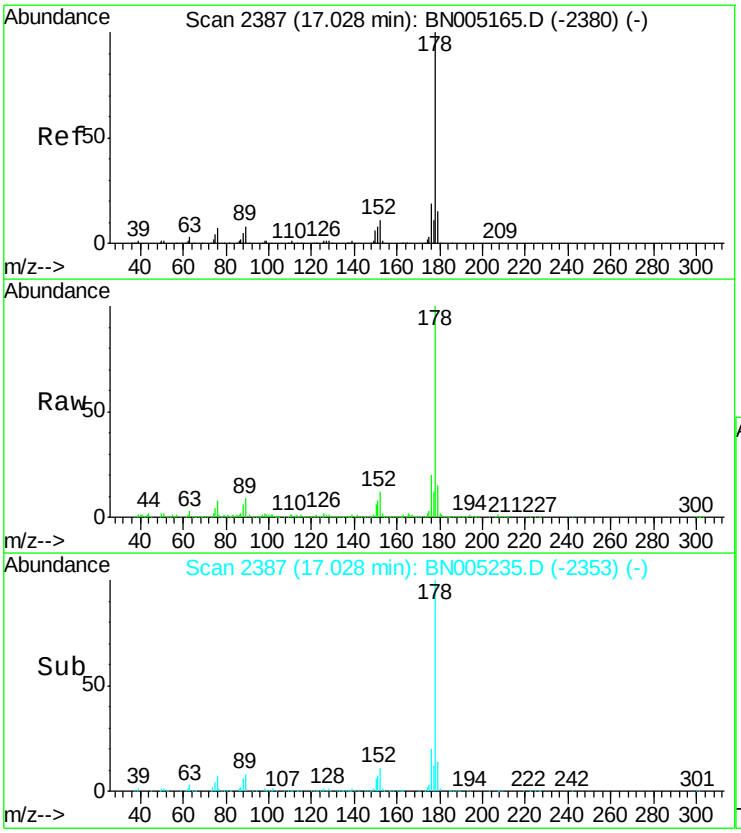
#58
Fluorene
Concen: 1.967 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:166 Resp: 159965

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.0	120.0
167	16.3	10.7	16.1#

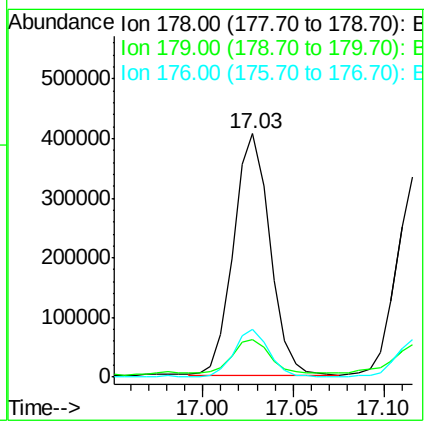


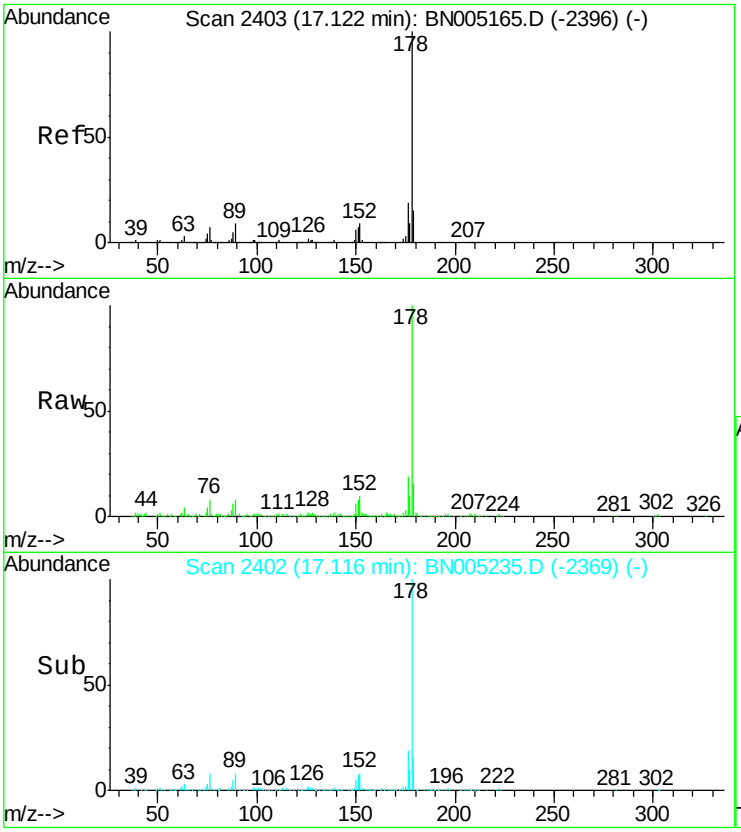


#69
Phenanthrene
Concen: 4.700 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:178 Resp: 563851

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.9	15.1	22.7



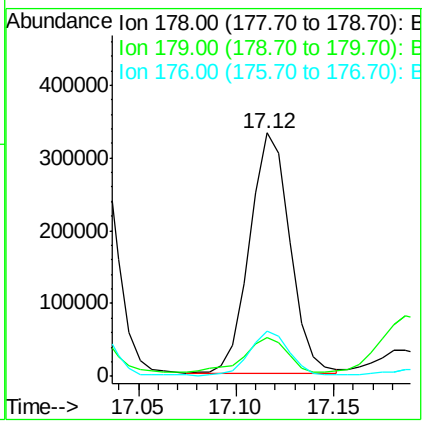


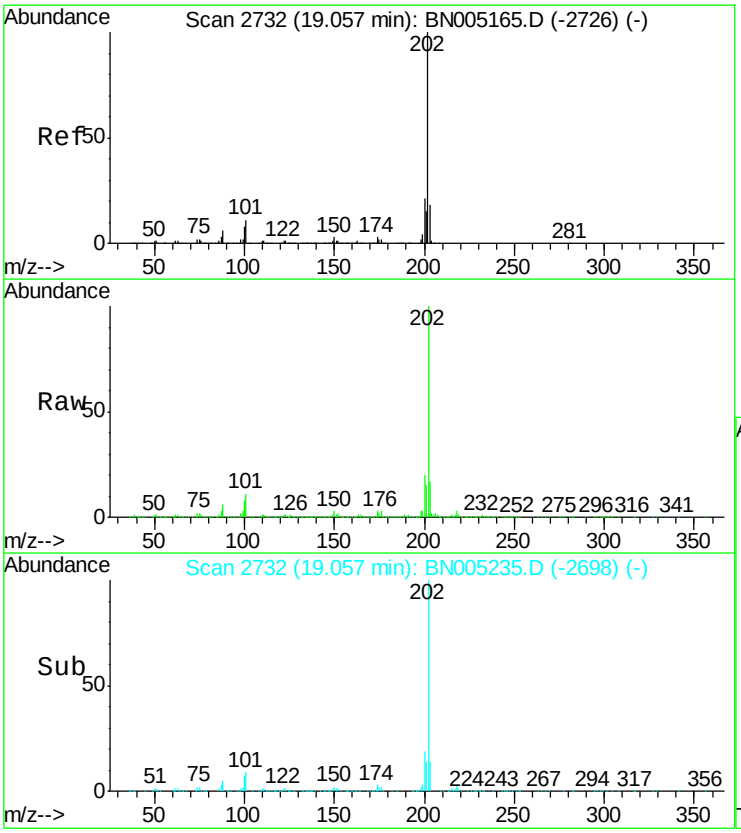
#71
Anthracene
Concen: 3.873 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:178 Resp: 473348

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.7	15.1	22.7

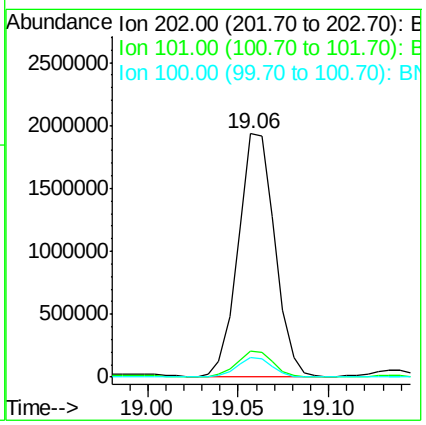


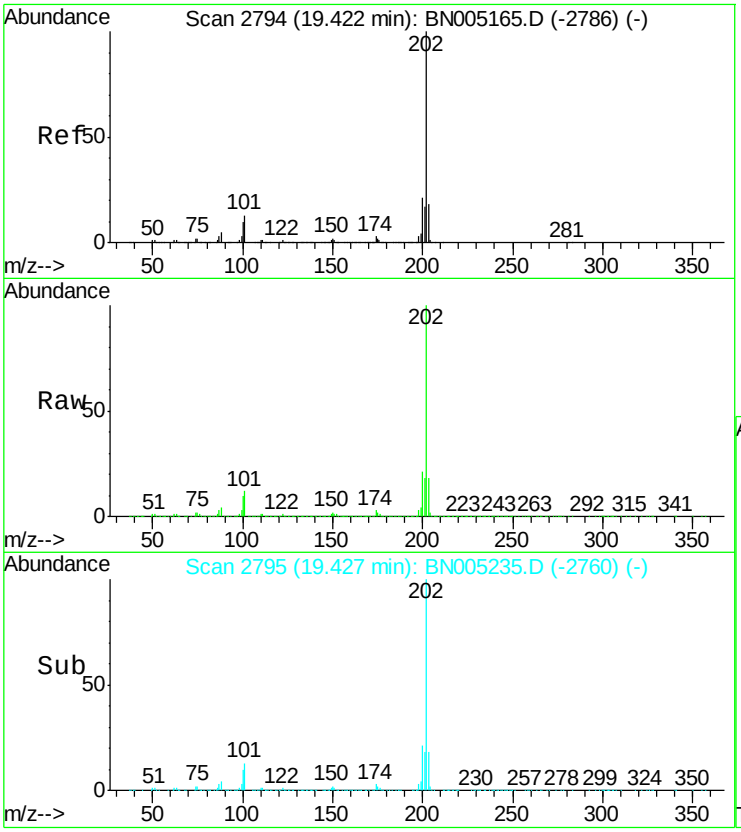


#76
Fluoranthene
Concen: 20.201 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:202 Resp: 2688065

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	12.8
100	8.0	6.3	9.5



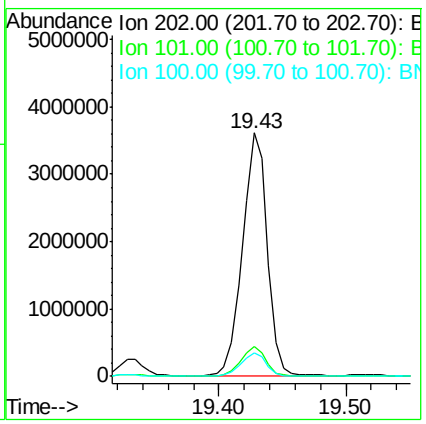


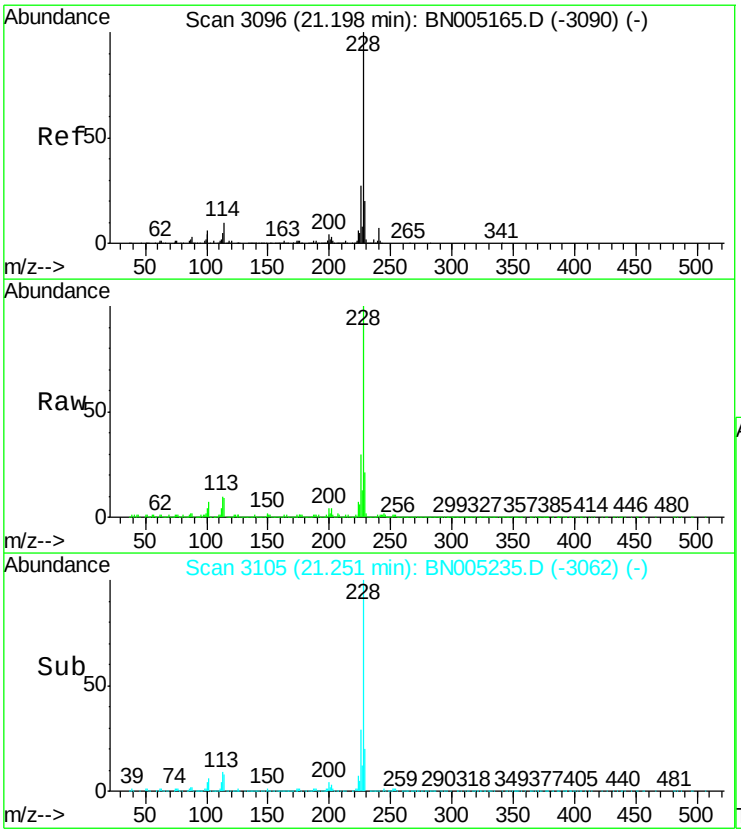
#79
Pyrene
Concen: 46.491 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:202 Resp: 4870472

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.3	15.5
100	9.8	7.9	11.9

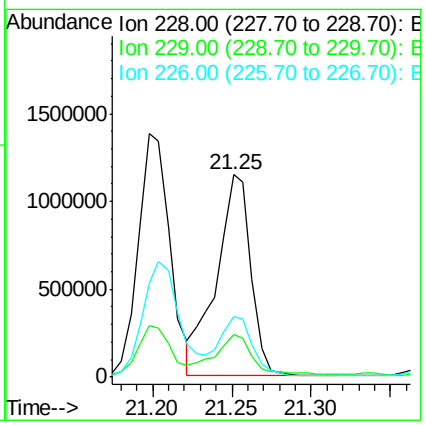


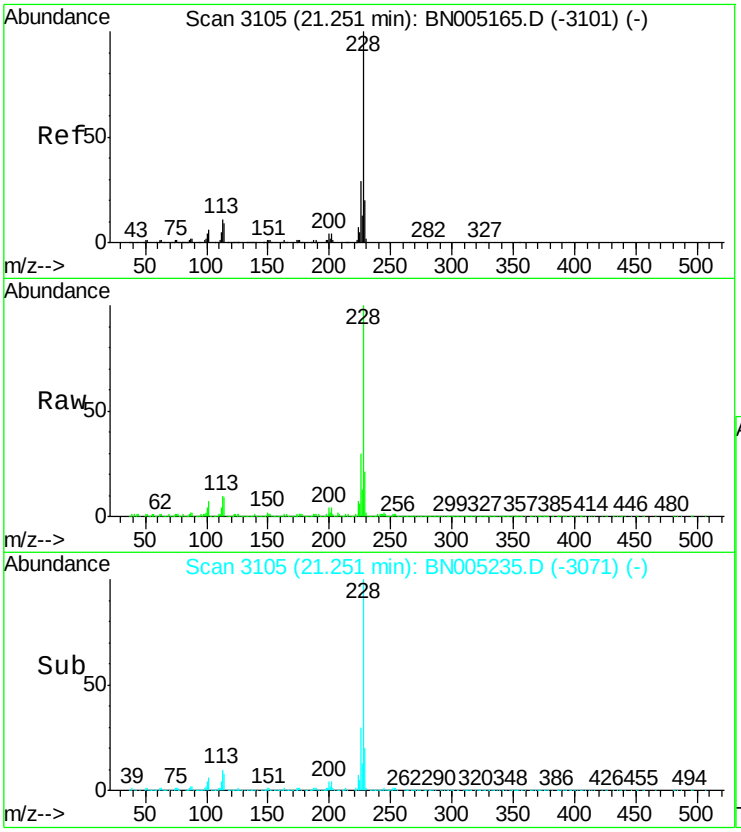


#82
Benzo(a)anthracene
Concen: 17.137 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.05 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:228 Resp: 1734635

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	29.9	21.4	32.2



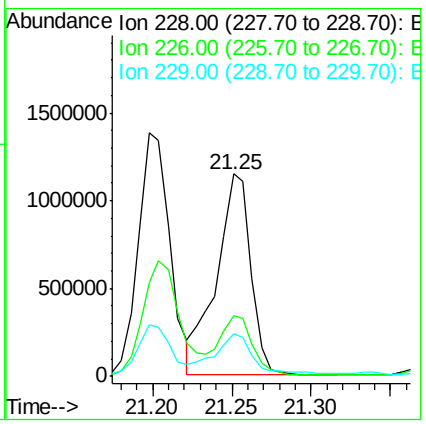


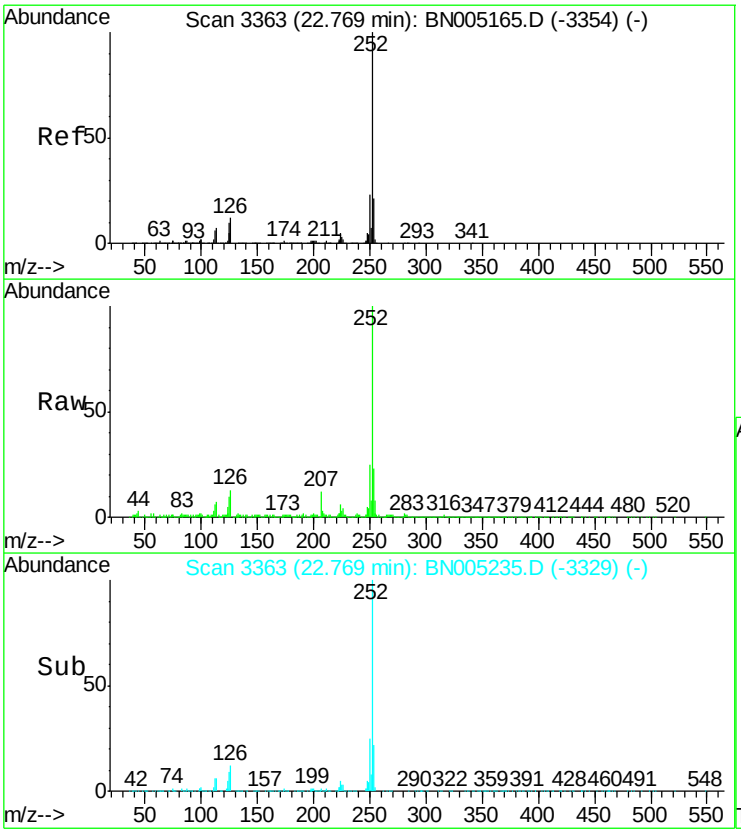
#84
Chrysene
Concen: 18.427 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:228 Resp: 1731069

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	21.3	15.4	23.0

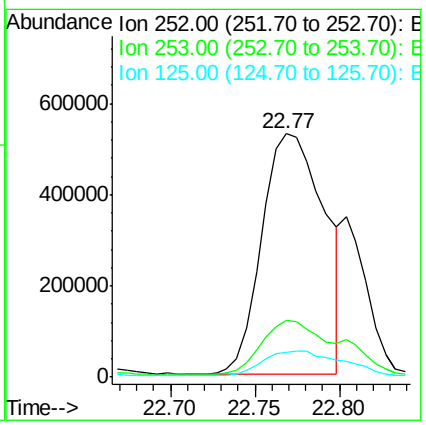


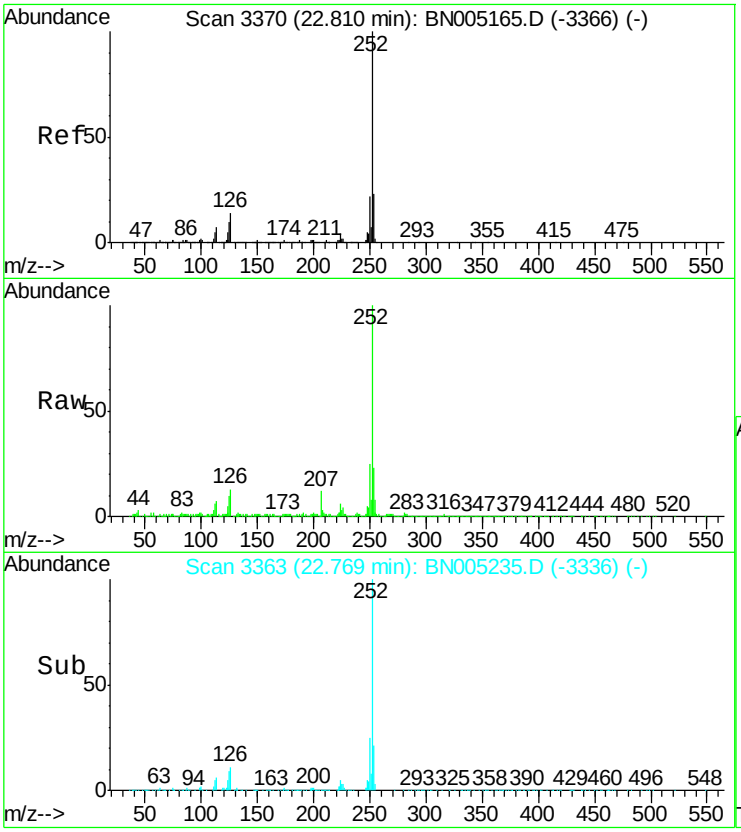


#87
Benzo(b)fluoranthene
Concen: 13.605 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:252 Resp: 1353000

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.1	8.4	12.6



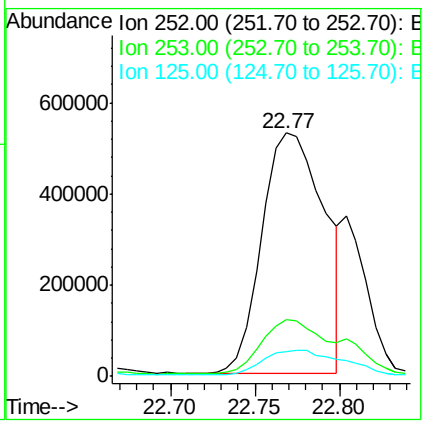


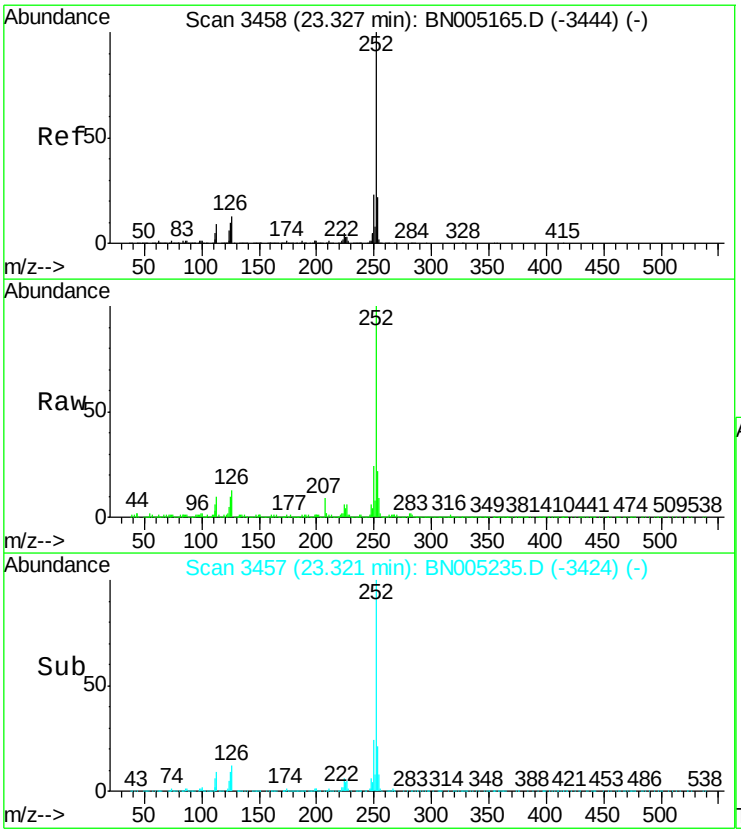
#88
Benzo(k)fluoranthene
Concen: 14.245 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.04 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:252 Resp: 1353000

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	10.1	7.5	11.3

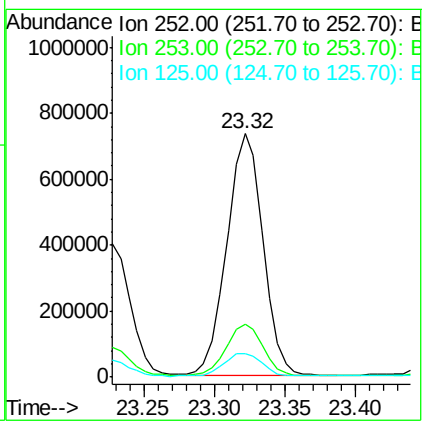


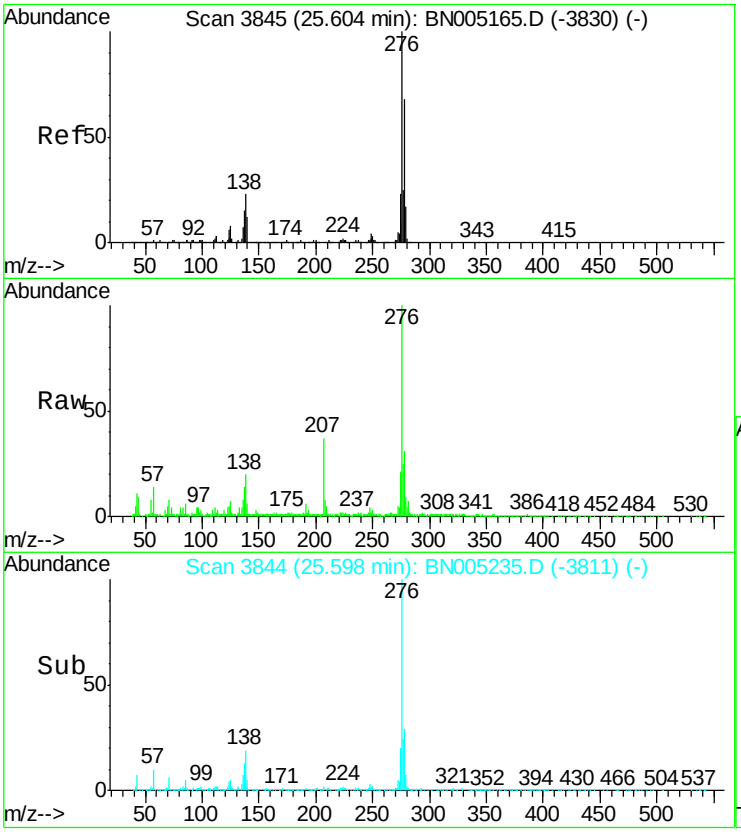


#90
Benzo(a)pyrene
Concen: 13.888 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:252 Resp: 1298262

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.8	8.6	13.0



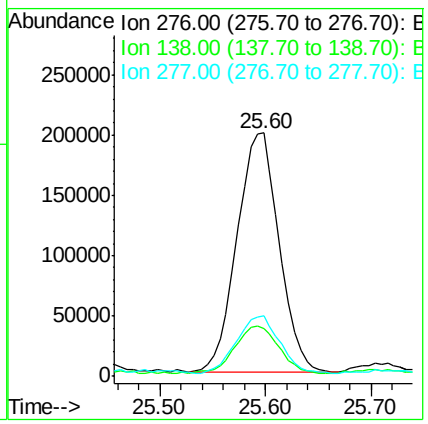


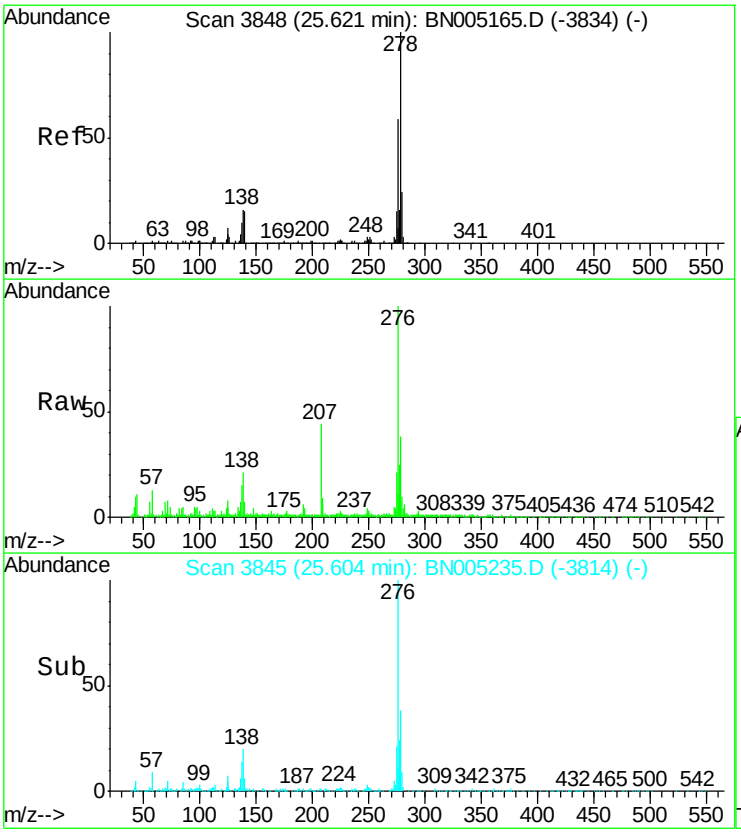
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.323 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:276 Resp: 550176

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.9	26.9
277	24.8	19.7	29.5

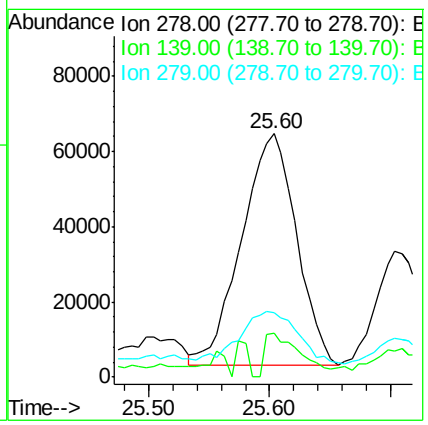


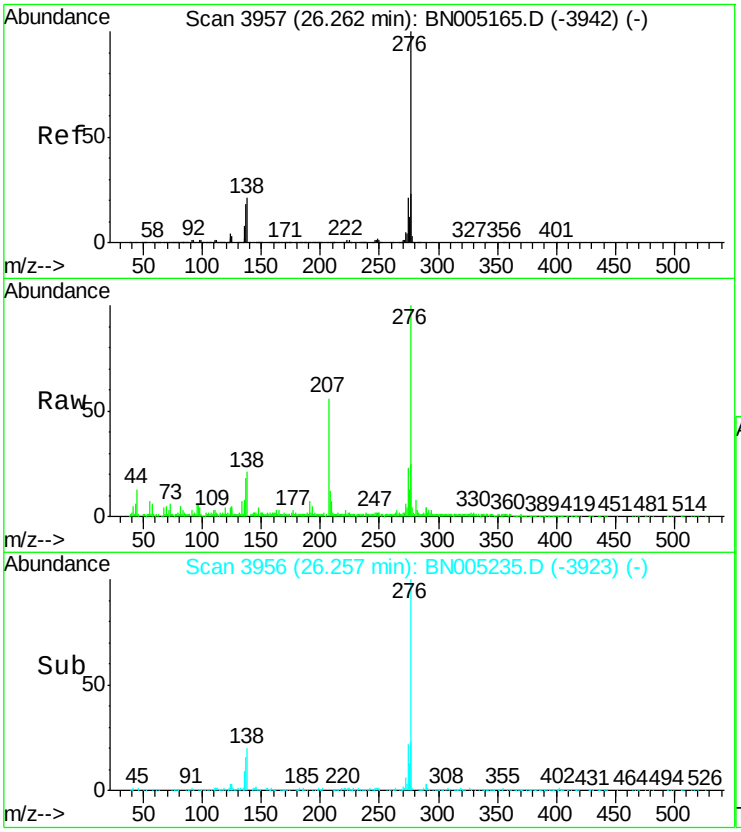


#92
Dibenzo(a,h)anthracene
Concen: 2.219 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.02 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Tgt Ion:278 Resp: 194645

Ion	Ratio	Lower	Upper
278	100		
139	18.1	13.1	19.7
279	26.3	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 4.593 ng/ul
RT: 26.26 min Scan# 3956
Delta R.T. -0.01 min
Lab File: BN005235.D
Acq: 24 Apr 2019 03:40

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

Tgt Ion:276 Resp: 392518

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.7	25.1
277	24.7	18.2	27.2