Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 30 00:53:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	287004	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1197451	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	694765	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1507496	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1427182	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1662234	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	3698	0.62	ng/uL	0.00
5) Phenol-d5	6.78	99	67666	3.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	42079	2.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	57634	3.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	53633	3.04	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	111	0.02	ng/ul	0.05
22) 2-Nitrophenol-d4	9.45	143	28227	3.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	52203	3.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	34986	1.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	179372	3.56	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	223432	3.61	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.42	143	562	0.07	ng/ul	-0.02
57) Fluorene-d10	15.23	176	163335	3.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	13221	1.95	ng/ul	0.00
70) Anthracene-d10	17.07	188	242244	3.83	ng/ul	-0.01
78) Pyrene-d10	19.39	212	265619	3.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	264175	3.64	ng/ul	-0.04
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.02	142	291851	7.160	ng/ul	98
44) Dimethylphthalate	13.69	163	52580	1.046	ng/ul	99
47) Acenaphthylene	13.95	152	1107237	18.189	ng/ul	98
49) Acenaphthene	14.29	153	114227	2.749	ng/ul	97
58) Fluorene	15.28	166	489558	10.485	ng/ul	96
69) Phenanthrene	17.02	178	2205319	30.038	ng/ul	100
71) Anthracene	17.11	178	391096	5.229	ng/ul	100
76) Fluoranthene	19.06	202	2784648	34.195	ng/ul	98
79) Pyrene	19.42	202	5020073	54.630	ng/ul	97
82) Benzo(a)anthracene	21.24	228	1456081	16.400	ng/ul	96
84) Chrysene	21.24	228	1456081	17.671	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	1071446	11.467	ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	1071446	12.006	ng/ul	98
90) Benzo(a)pyrene	23.31	252	744954	8.482	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.58	276	455490	4.691	ng/ul	97
92) Dibenzo(a,h)anthracene	25.59	278	151676	1.841	ng/ul#	79
93) Benzo(g,h,i)perylene	26.24	276	376035	4.683	ng/ul	96

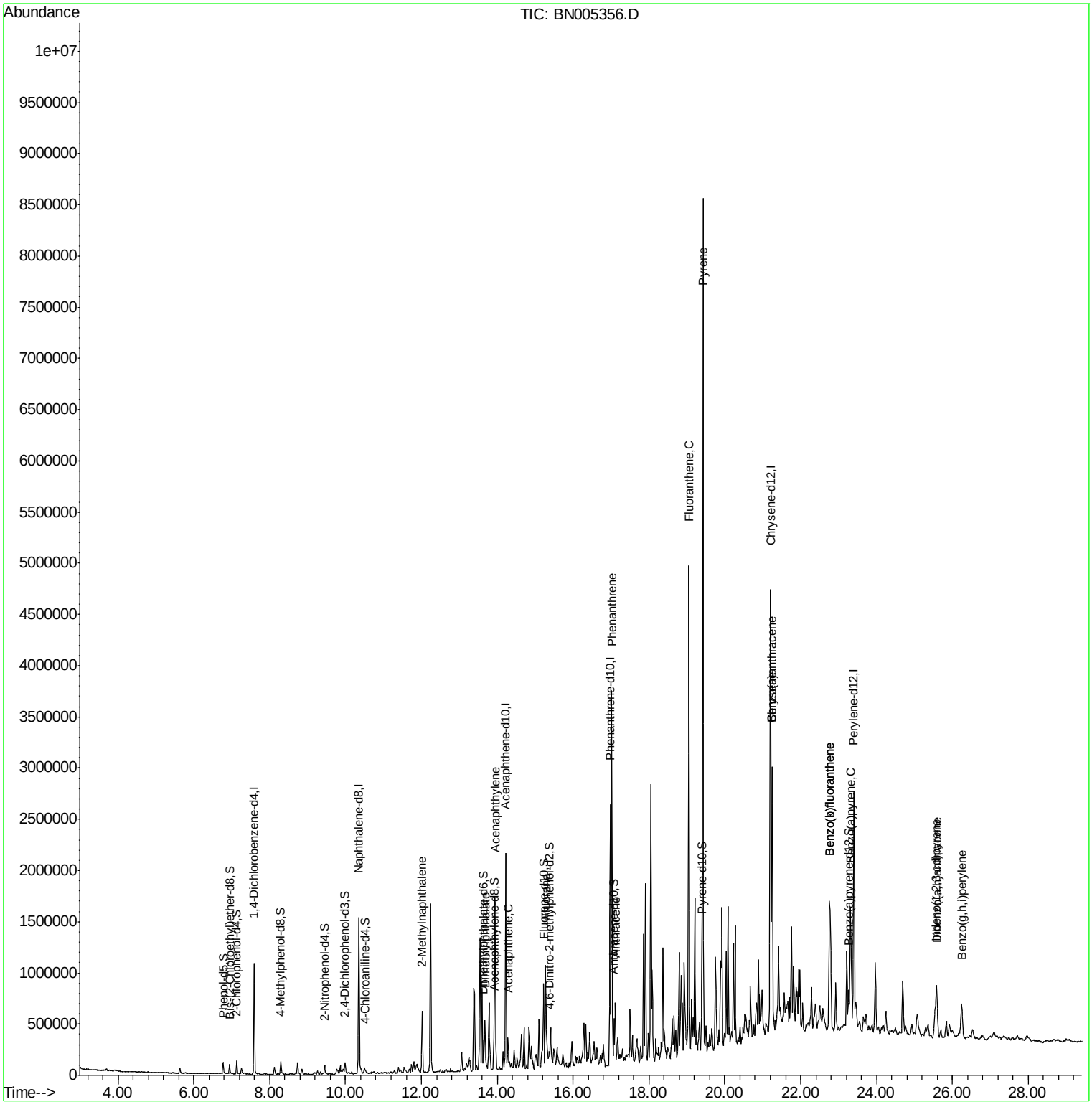
(#) = qualifier out of range (m) = manual integration (+) = signals summed

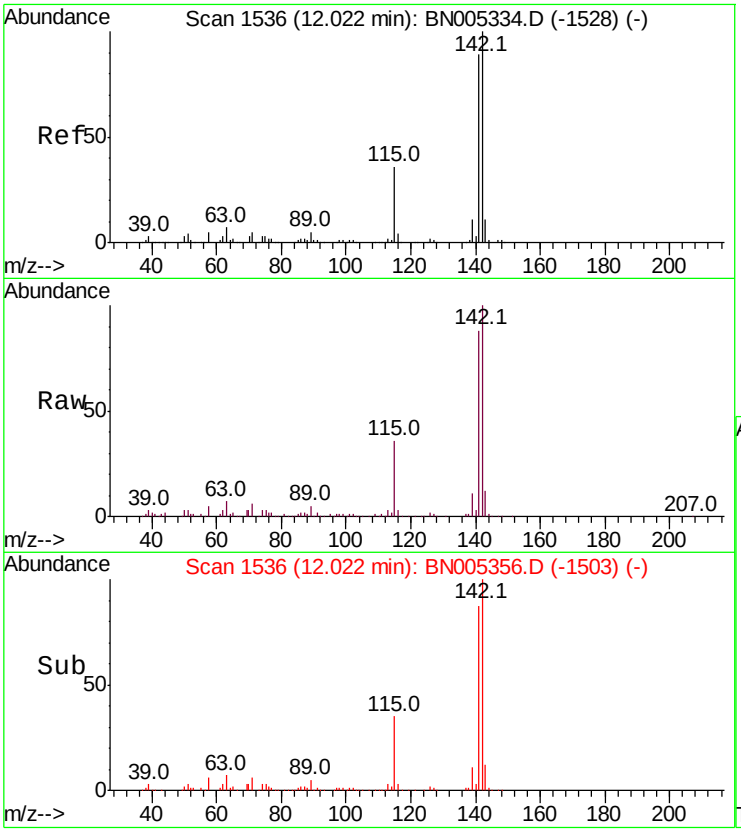
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005356.D
Acq On : 29 Apr 2019 18:00
Operator : JU/SJ
Sample : K2456-16DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 30 00:53:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



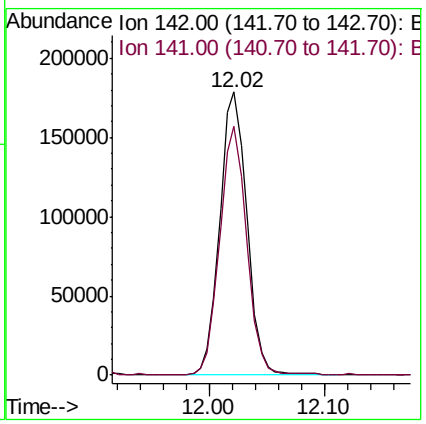


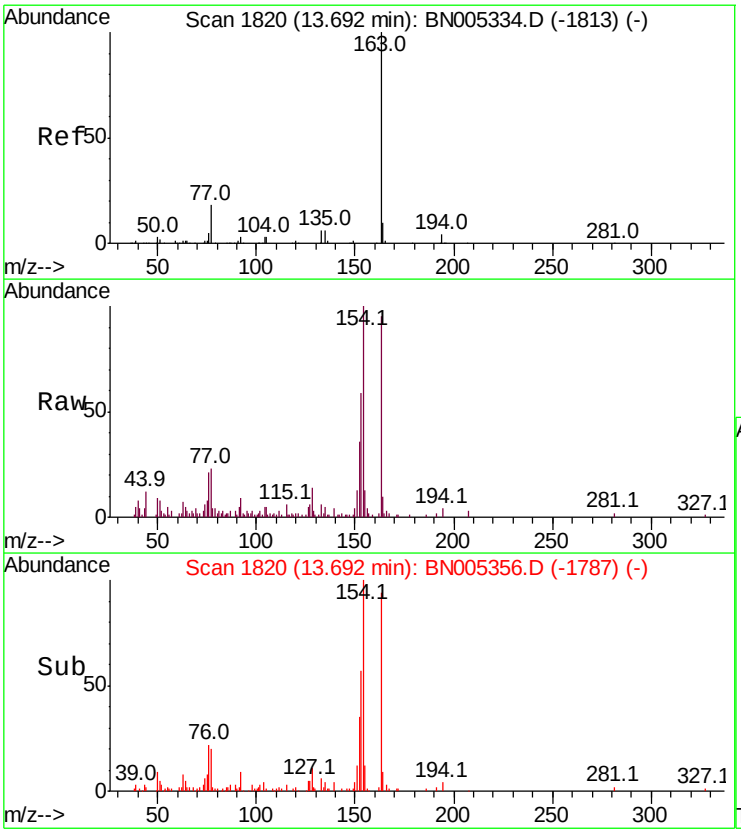
#34
2-Methylnaphthalene
Concen: 7.160 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 291851

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.0	108.0

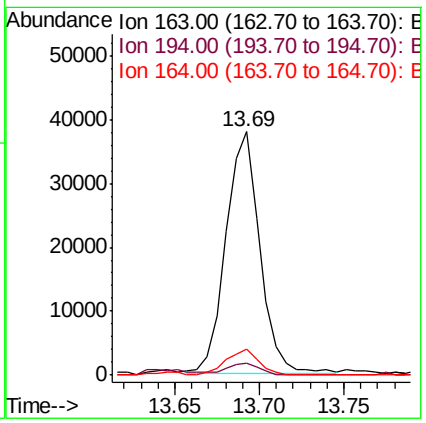


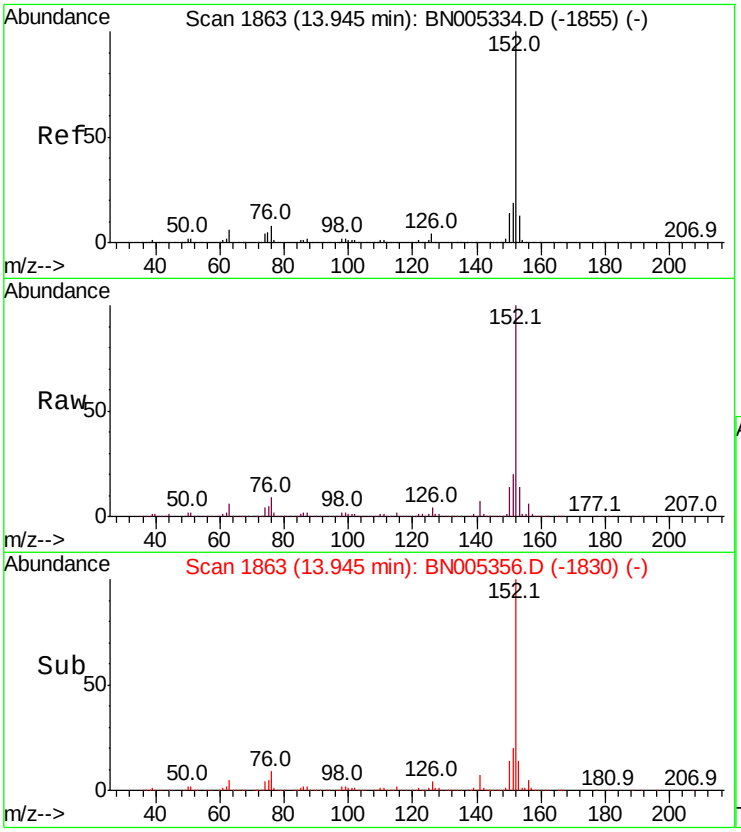


#44
Dimethylphthalate
Concen: 1.046 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:163 Resp: 52580

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.6	8.1	12.1



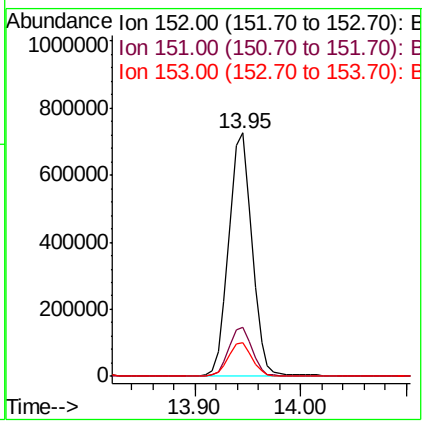


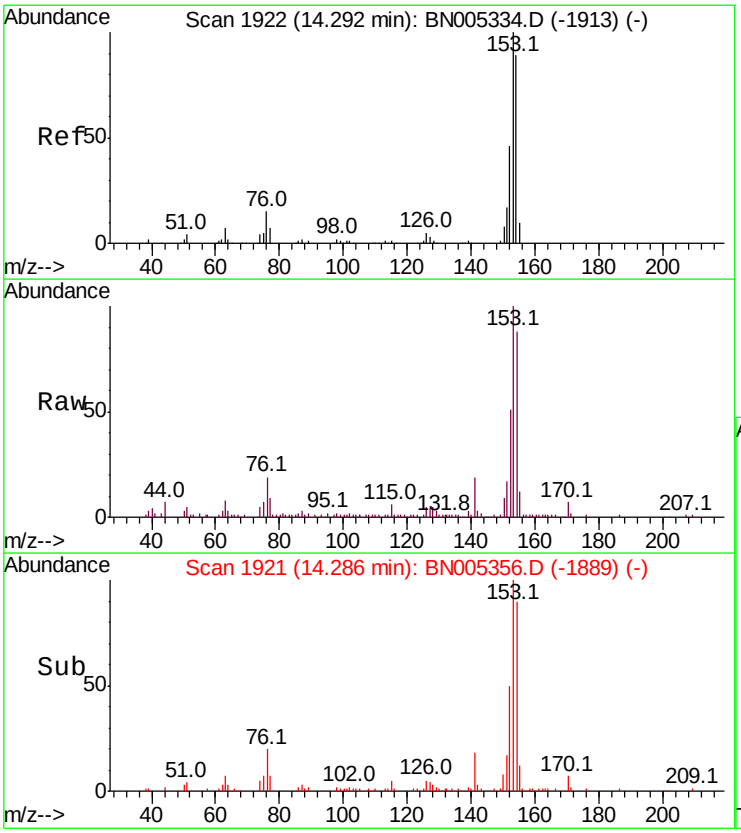
#47
Acenaphthylene
Concen: 18.189 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1107237

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.9	9.8	14.8

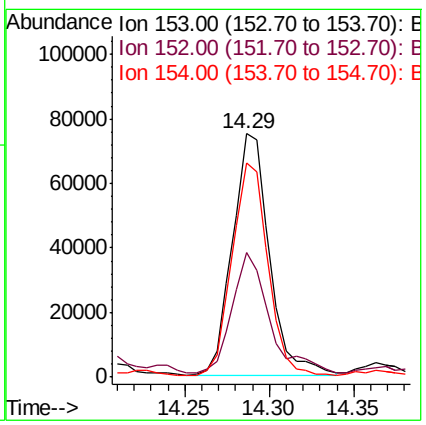


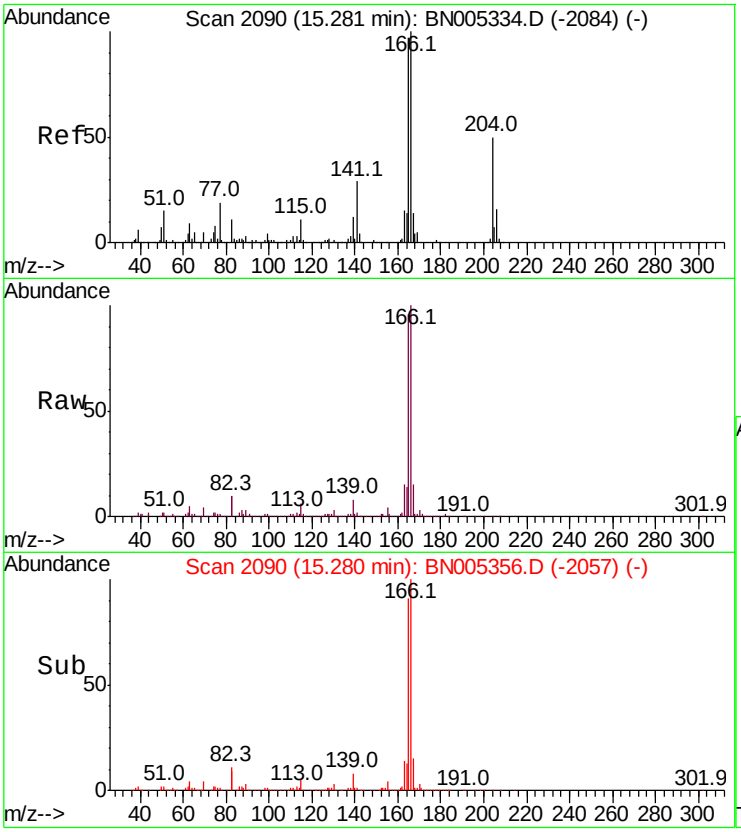


#49
Acenaphthene
Concen: 2.749 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:153 Resp: 114227

Ion	Ratio	Lower	Upper
153	100		
152	51.0	37.4	56.0
154	88.1	71.2	106.8



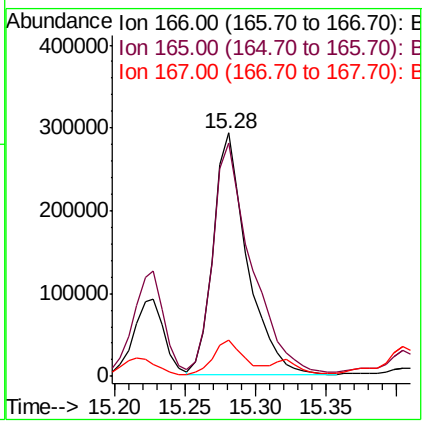


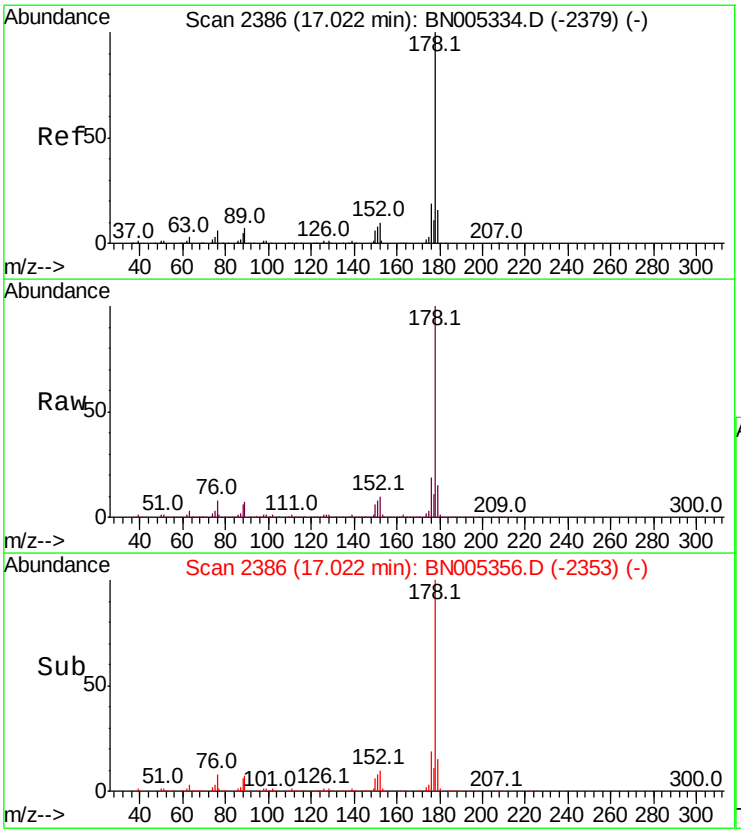
#58
Fluorene
Concen: 10.485 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 489558

Ion	Ratio	Lower	Upper
166	100		
165	95.8	80.0	120.0
167	14.9	10.7	16.1

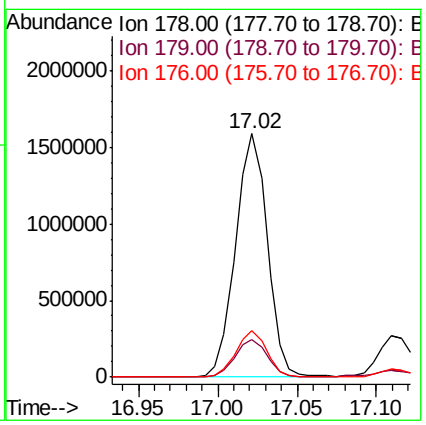


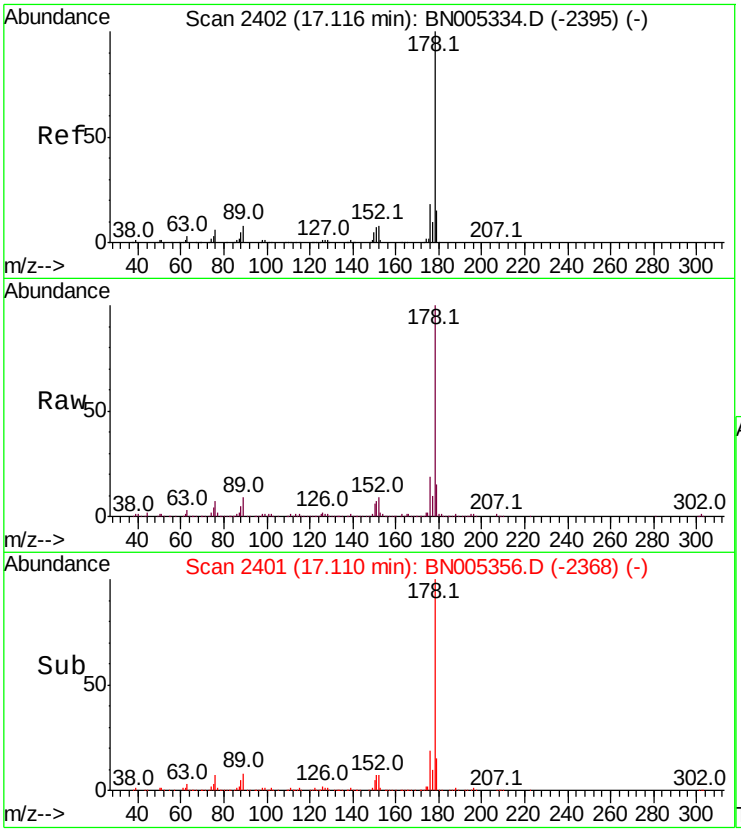


#69
Phenanthrene
Concen: 30.038 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:178 Resp: 2205319

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.0	15.1	22.7



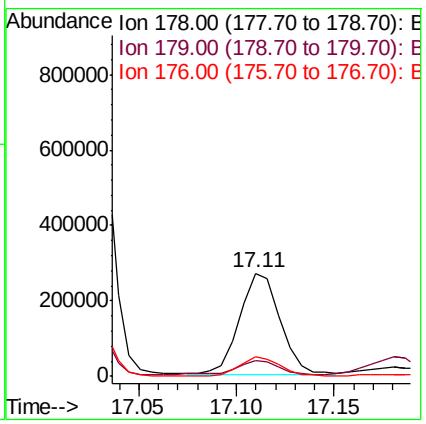


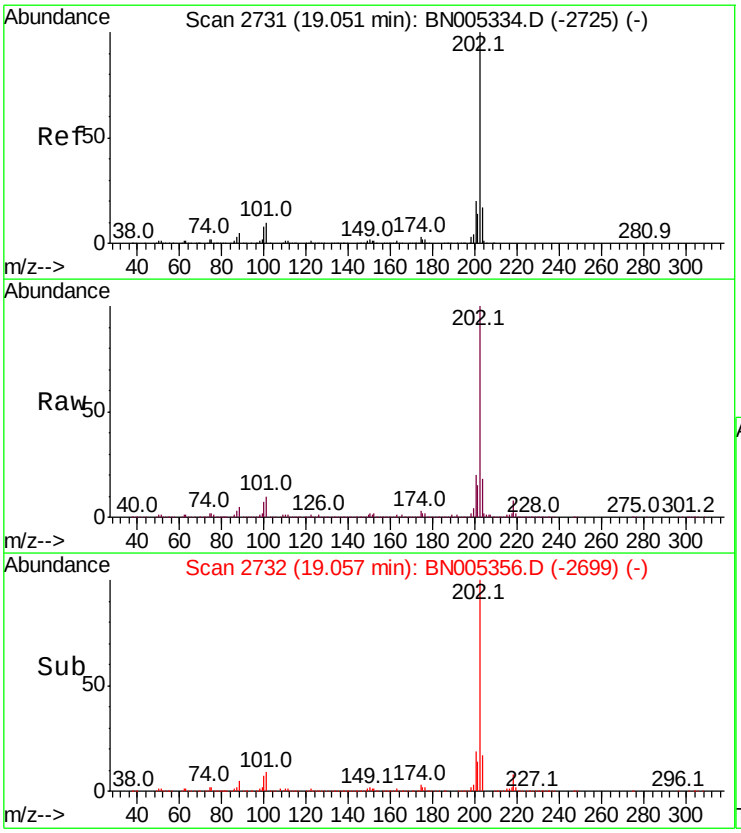
#71
Anthracene
Concen: 5.229 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 391096

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.9	15.1	22.7

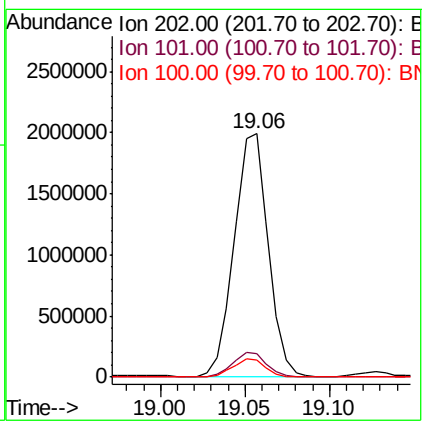


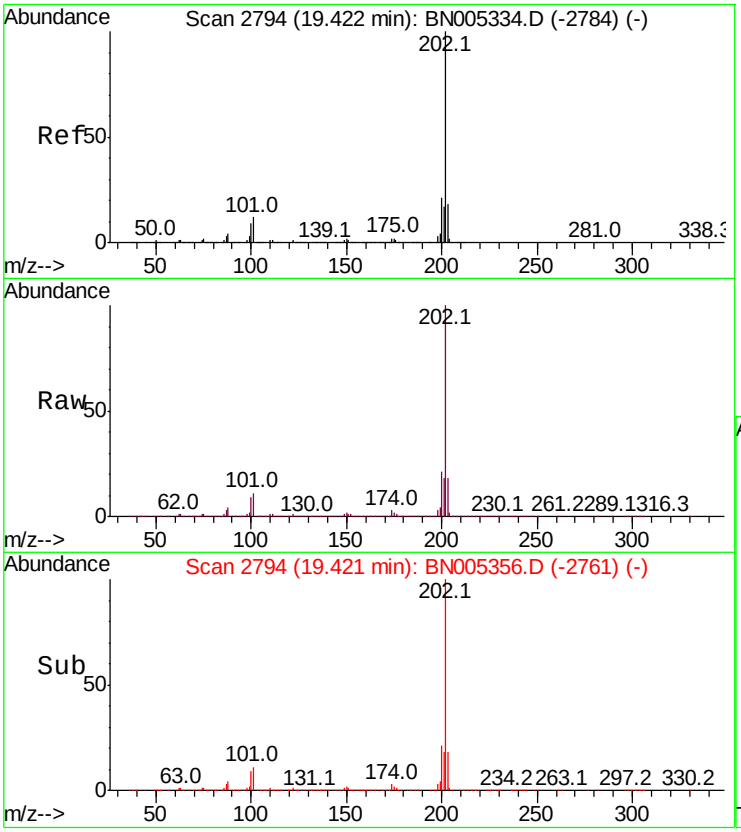


#76
Fluoranthene
Concen: 34.195 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:202 Resp: 2784648

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.6	12.8
100	7.2	6.3	9.5



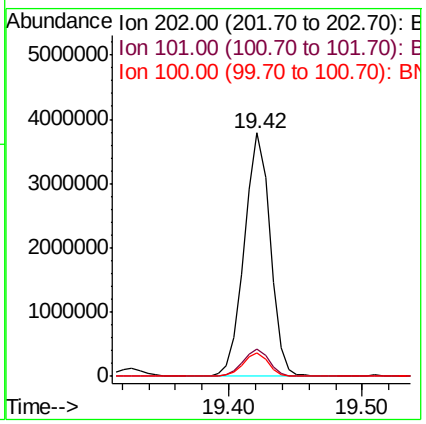


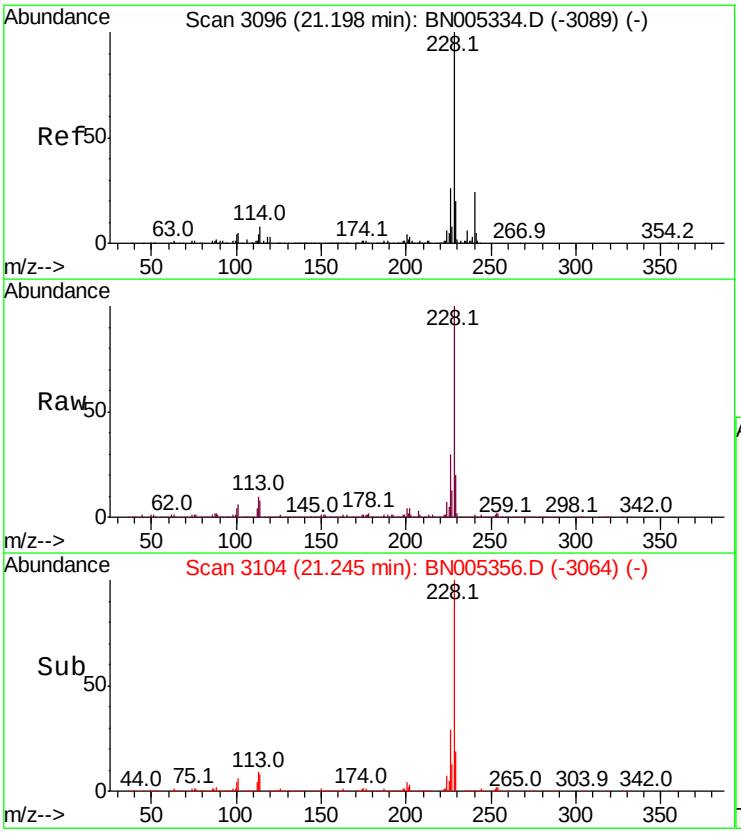
#79
Pyrene
Concen: 54.630 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 5020073

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.3	15.5
100	9.4	7.9	11.9

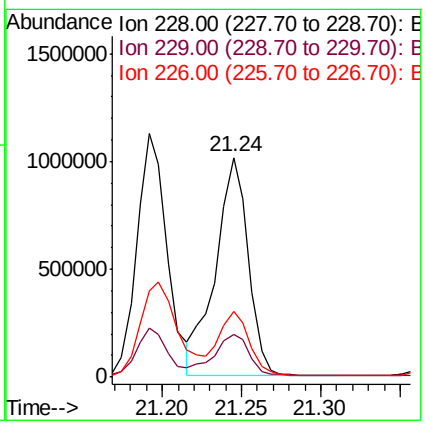


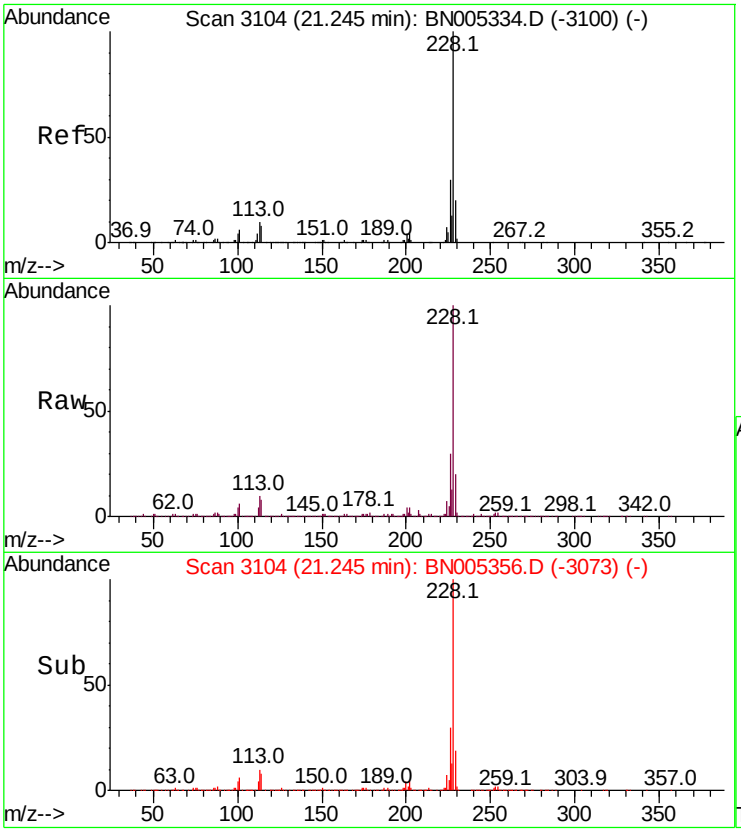


#82
Benzo(a)anthracene
Concen: 16.400 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.04 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:228 Resp: 1456081

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.6
226	29.9	21.4	32.2



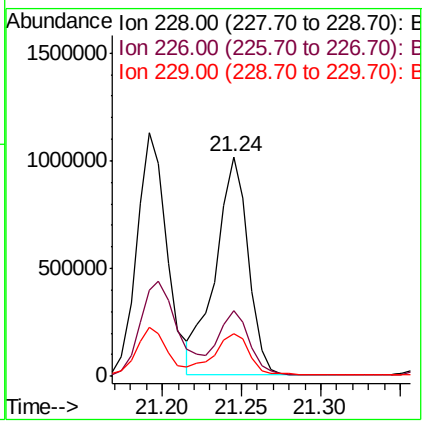


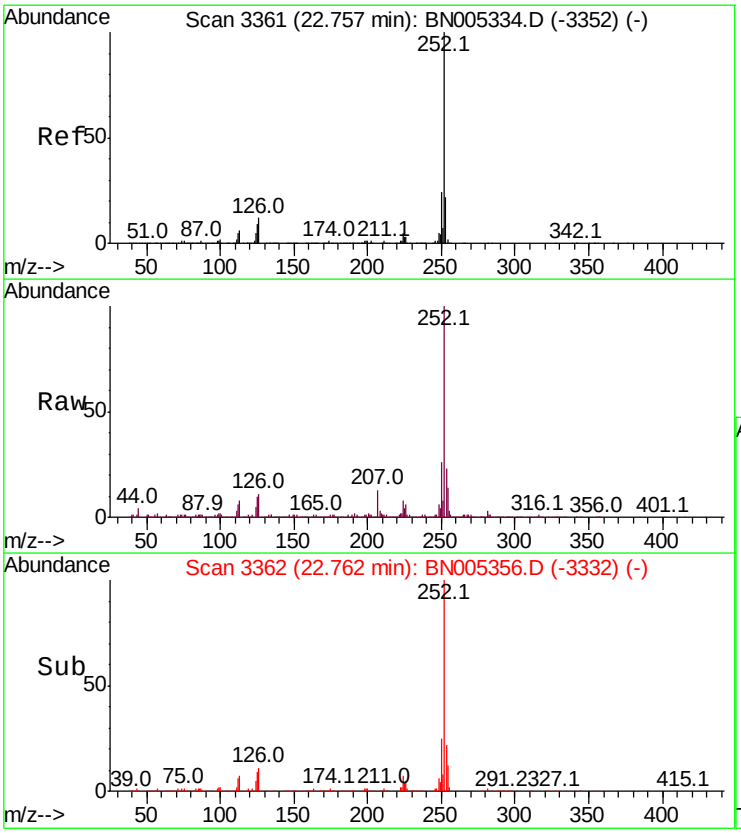
#84
Chrysene
Concen: 17.671 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1456081

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.6	15.4	23.0

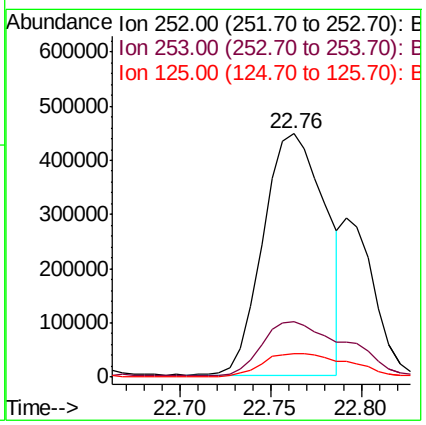


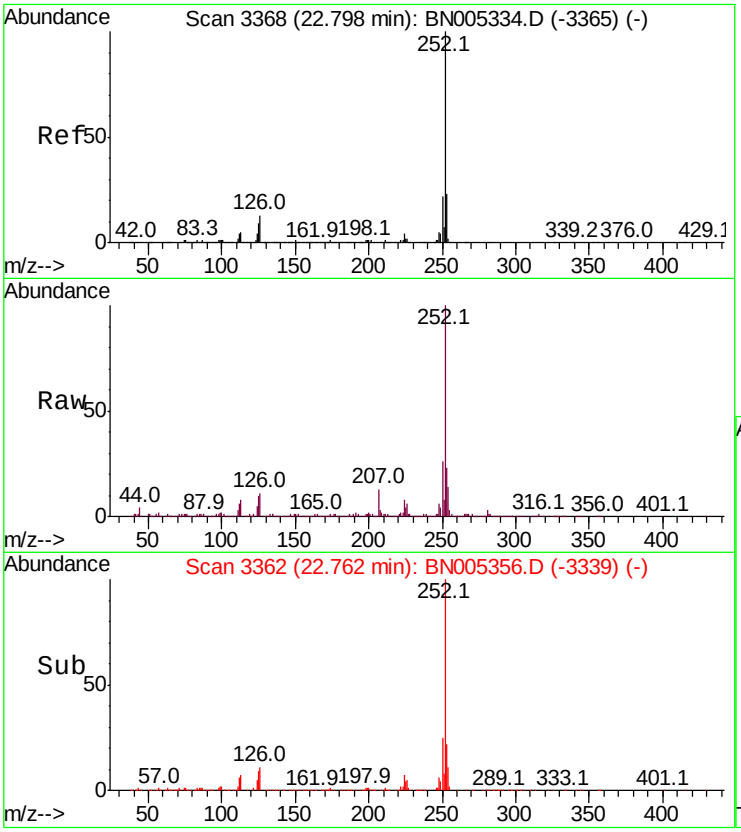


#87
Benzo(b)fluoranthene
Concen: 11.467 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:252 Resp: 1071446

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	9.6	8.4	12.6



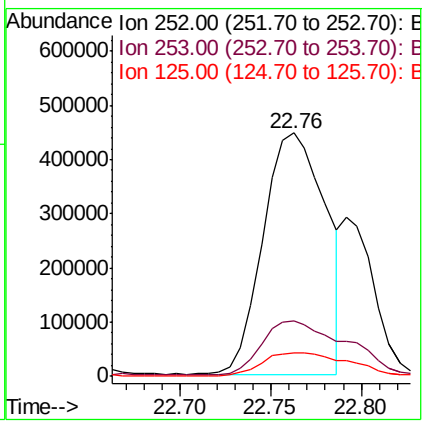


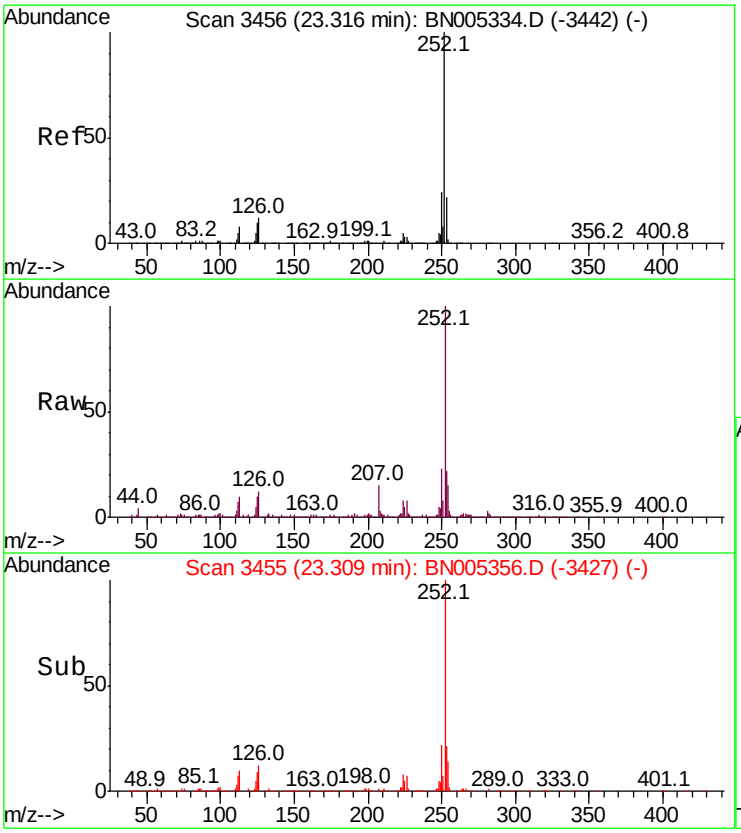
#88
Benzo(k)fluoranthene
Concen: 12.006 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.06 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1071446

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.6	7.5	11.3

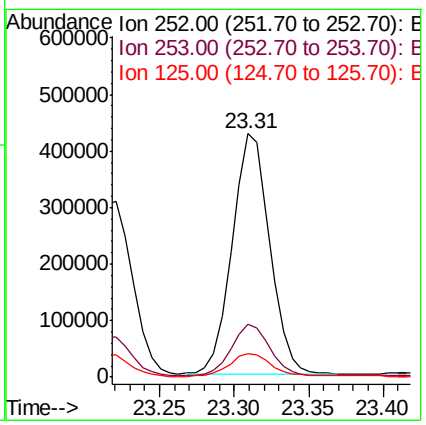


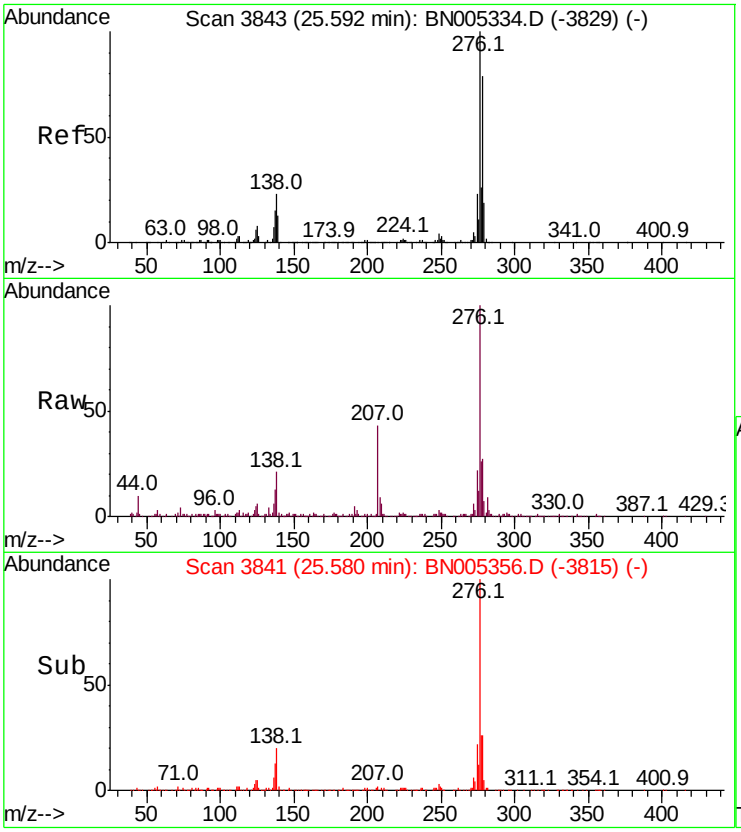


#90
Benzo(a)pyrene
Concen: 8.482 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:252 Resp: 744954

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.6	8.6	13.0



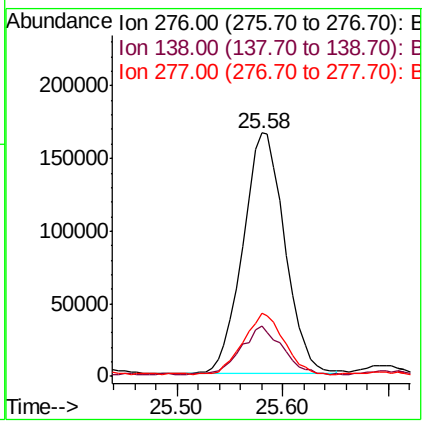


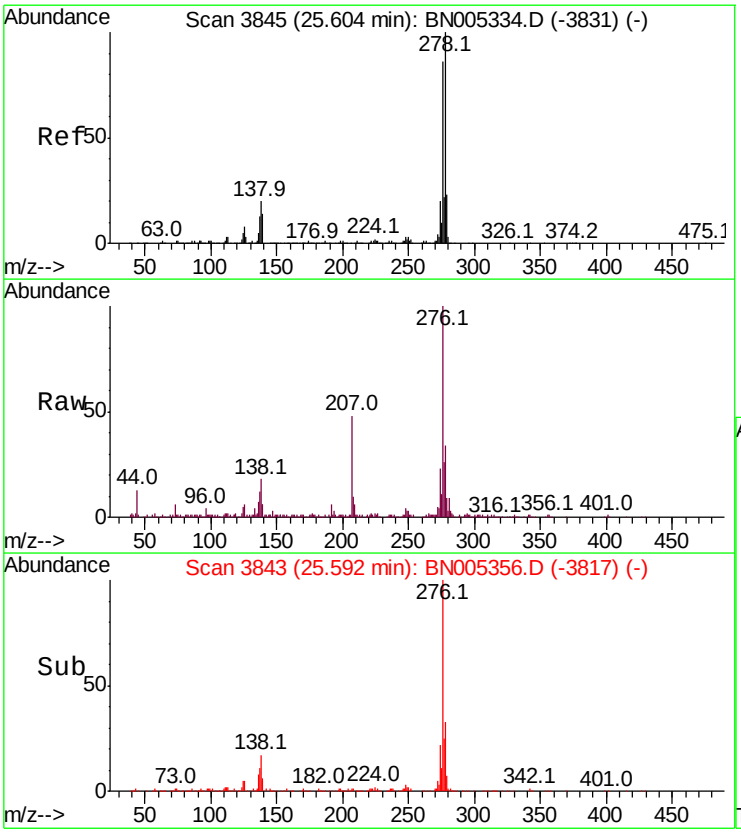
#91
Indeno(1,2,3-cd)pyrene
Concen: 4.691 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.05 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 455490

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.9	26.9
277	26.0	19.7	29.5

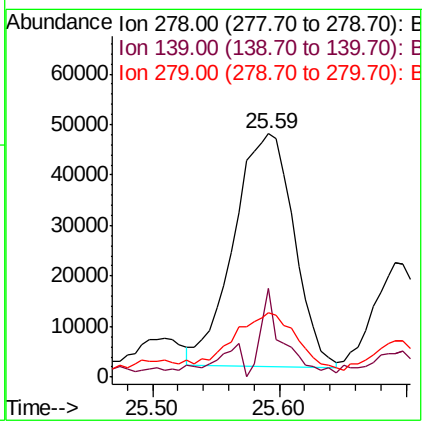


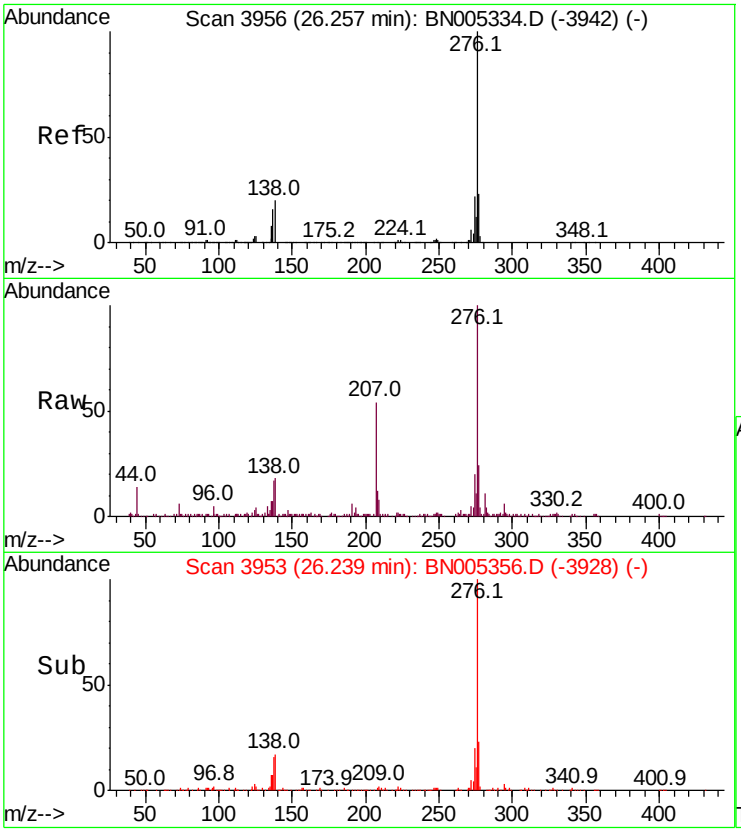


#92
Dibenzo(a,h)anthracene
Concen: 1.841 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.05 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Tgt Ion:278 Resp: 151676

Ion	Ratio	Lower	Upper
278	100		
139	36.2	13.1	19.7#
279	26.3	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 4.683 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. -0.05 min
Lab File: BN005356.D
Acq: 29 Apr 2019 18:00

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 376035

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.7	25.1
277	23.5	18.2	27.2