Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005241.D
Acq On : 24 Apr 2019 07:09
Operator : JU/SJ
Sample : K2455-11 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

Quant Time: Apr 24 08:56:53 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	480809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1874666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1115135	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2251253	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1955888	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2187167	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11823	1.19	ng/uL	0.00
5) Phenol-d5	6.78	99	59386	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	43850	1.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	50690	1.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	35734	1.21	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	72303	6.27	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	22597	1.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	49046	1.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	124277	4.49	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	184670	2.28	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	201779	2.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	38569	3.02	ng/ul	0.00
57) Fluorene-d10	15.23	176	150569	2.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	1770	0.17	ng/ul	0.01
70) Anthracene-d10	17.09	188	212834	2.26	ng/ul	0.00
78) Pyrene-d10	19.40	212	221882	2.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	208236	2.18	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.76	77	53746	2.008	ng/ul#	1
14) Acetophenone	8.40	105	163167	3.454	ng/ul#	65
17) Hexachloroethane	8.69	117	508054	39.159	ng/ul#	6
34) 2-Methylnaphthalene	11.90	142	293701	4.603	ng/ul#	66
40) 1,1'-Biphenyl	13.06	154	3129124	37.660	ng/ul	99
42) 2-Nitroaniline	13.26	65	94299	5.564	ng/ul#	33
47) Acenaphthylene	13.96	152	10867642	111.225	ng/ul#	95
49) Acenaphthene	14.30	153	1464045	21.948	ng/ul	98
53) Dibenzofuran	14.63	168	1919272	19.984	ng/ul	95
54) 2,4-Dinitrotoluene	14.61	165	129740	6.462	ng/ul#	65
58) Fluorene	15.29	166	6601092	88.084	ng/ul#	97
60) 4-Nitroaniline	15.29	138	78110	4.839	ng/ul#	17
64) N-Nitrosodiphenylamine	15.51	169	182642	2.964	ng/ul#	85
69) Phenanthrene	17.12	178	4697273	42.843	ng/ul	99
71) Anthracene	17.12	178	4697273	42.057	ng/ul	99
76) Fluoranthene	19.06	202	4665378	38.363	ng/ul	98
79) Pyrene	19.43	202	7325811	58.172	ng/ul	99
82) Benzo(a)anthracene	21.25	228	2207168	18.140	ng/ul	96
84) Chrysene	21.25	228	2226977	19.721	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	1270989	10.338	ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	1270989	10.824	ng/ul	98
90) Benzo(a)pyrene	23.32	252	1394529	12.067	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	487135	3.813	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005241.D
Acq On : 24 Apr 2019 07:09
Operator : JU/SJ
Sample : K2455-11 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

Quant Time: Apr 24 08:56:53 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)
92) Dibenzo(a,h)anthracene	25.60	278	184470	1.701	ng/ul	95
93) Benzo(g,h,i)perylene	26.25	276	346531	3.280	ng/ul	97

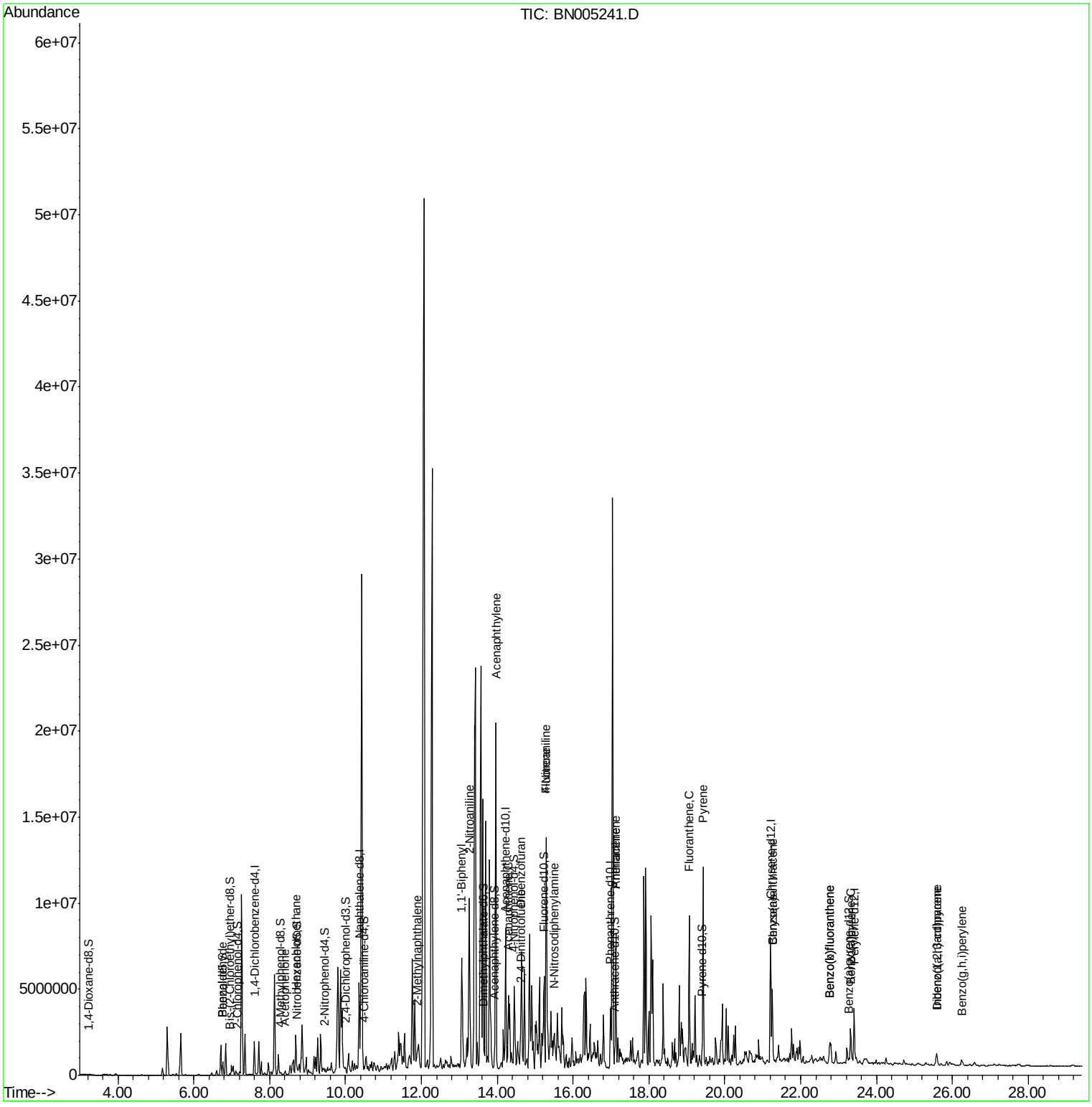
(#) = qualifier out of range (m) = manual integration (+) = signals summed

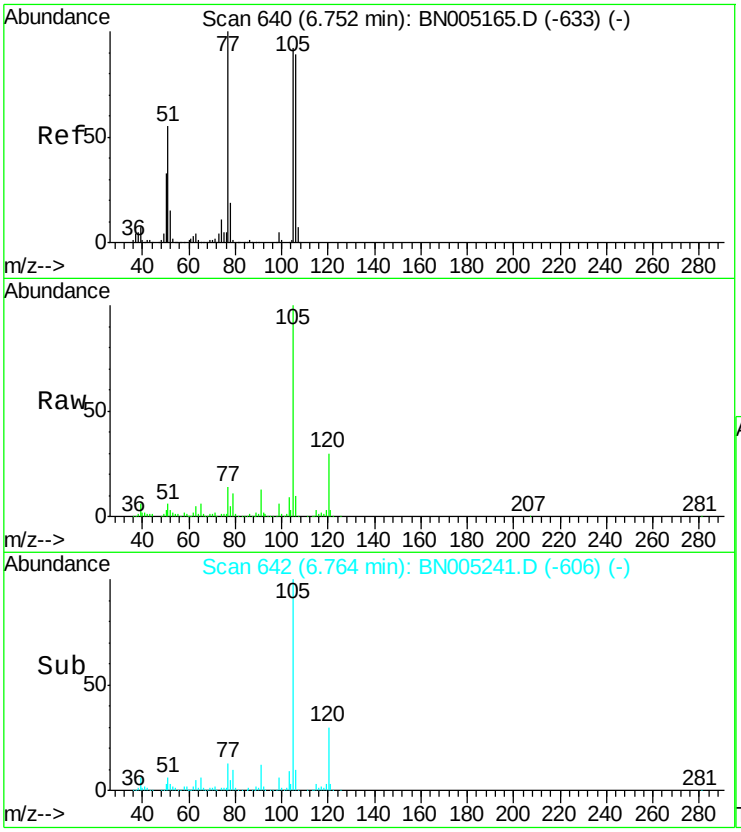
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005241.D
Acq On : 24 Apr 2019 07:09
Operator : JU/SJ
Sample : K2455-11 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHR1

Quant Time: Apr 24 08:56:53 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



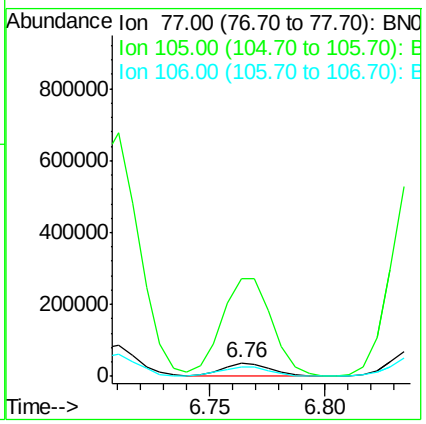


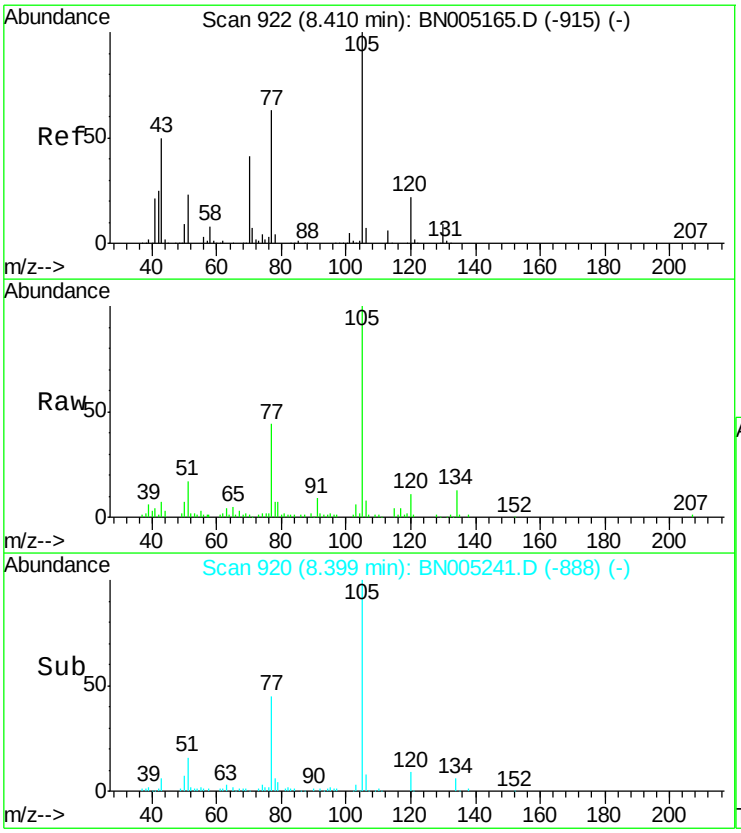
#4
Benzaldehyde
Concen: 2.008 ng/ul
RT: 6.76 min Scan# 642
Delta R.T. 0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion: 77 Resp: 53746

Ion	Ratio	Lower	Upper
77	100		
105	734.5	77.4	116.2#
106	74.1	76.3	114.5#

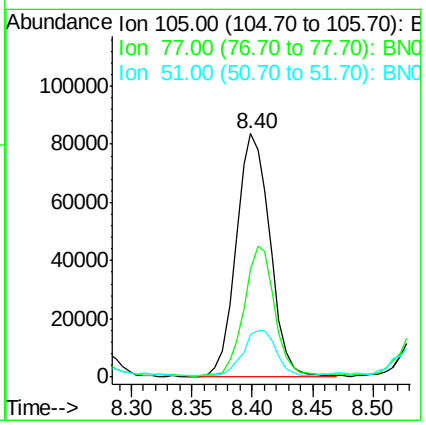


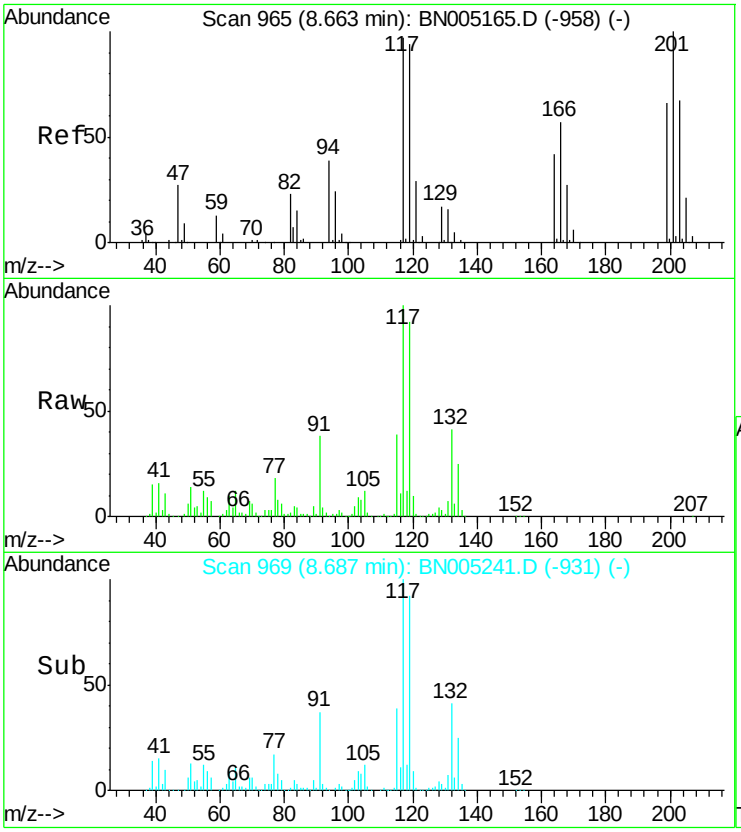


#14
Acetophenone
Concen: 3.454 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:105 Resp: 163167

Ion	Ratio	Lower	Upper
105	100		
77	44.1	63.4	95.0#
51	17.5	24.2	36.4#



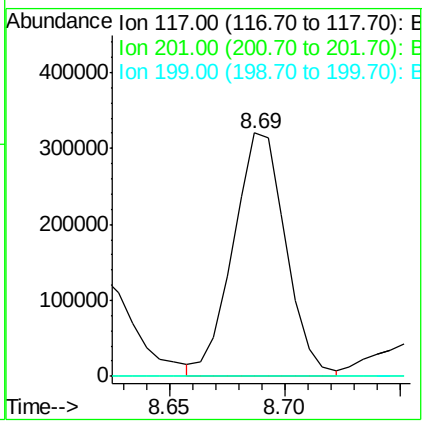


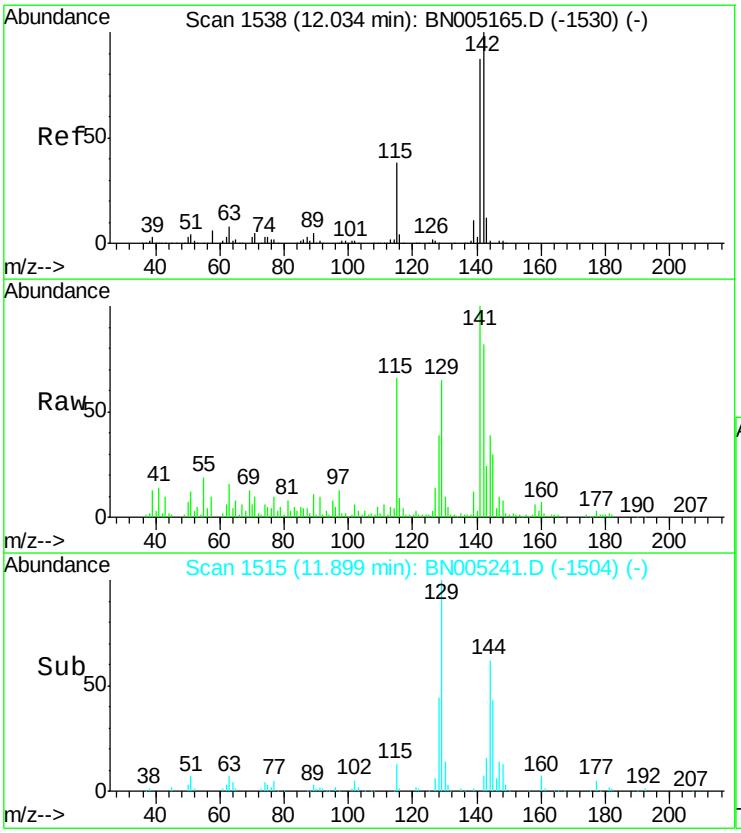
#17
Hexachloroethane
Concen: 39.159 ng/ul
RT: 8.69 min Scan# 969
Delta R.T. 0.02 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:117 Resp: 508054

Ion	Ratio	Lower	Upper
117	100		
201	0.0	84.1	126.1#
199	0.0	51.2	76.8#

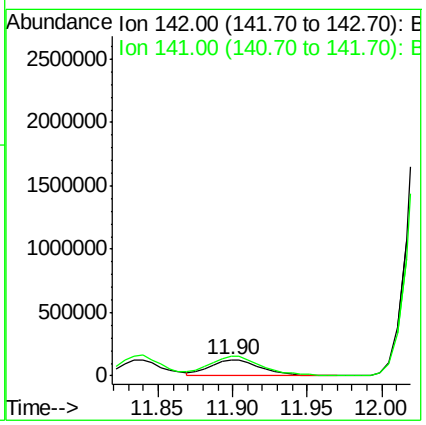


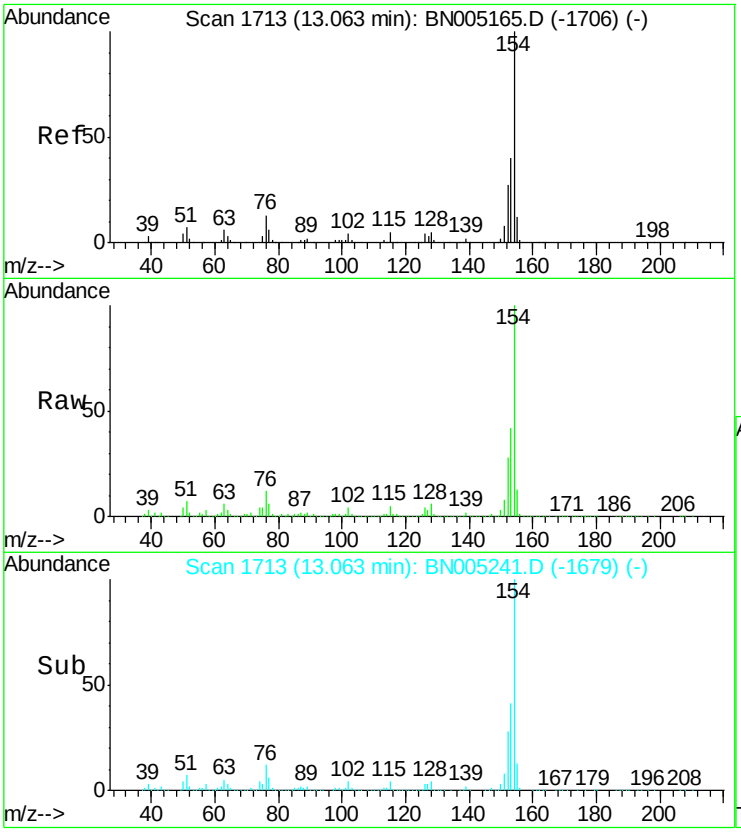


#34
2-Methylnaphthalene
Concen: 4.603 ng/ul
RT: 11.90 min Scan# 1515
Delta R.T. -0.14 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:142 Resp: 293701

Ion	Ratio	Lower	Upper
142	100		
141	122.2	72.0	108.0#



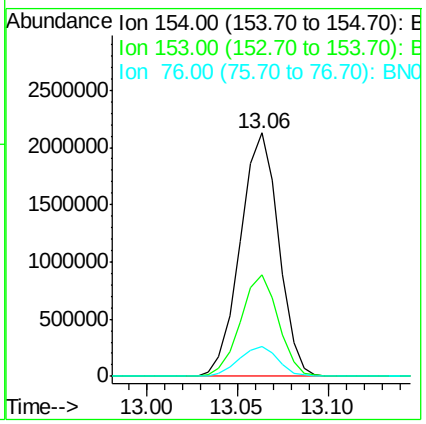


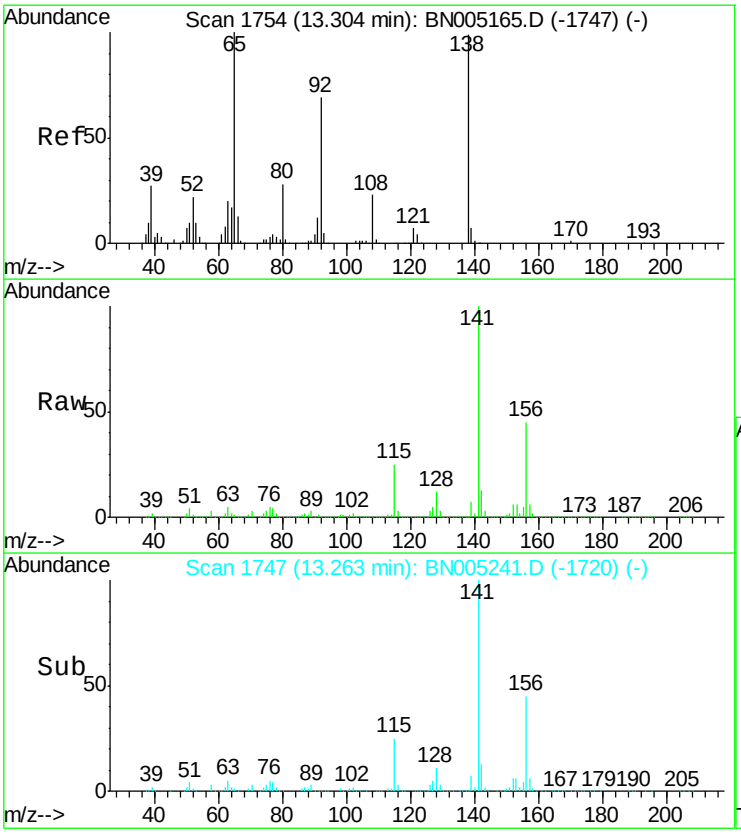
#40
1,1'-Biphenyl
Concen: 37.660 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:154 Resp: 3129124

Ion	Ratio	Lower	Upper
154	100		
153	41.5	32.6	49.0
76	12.0	10.4	15.6

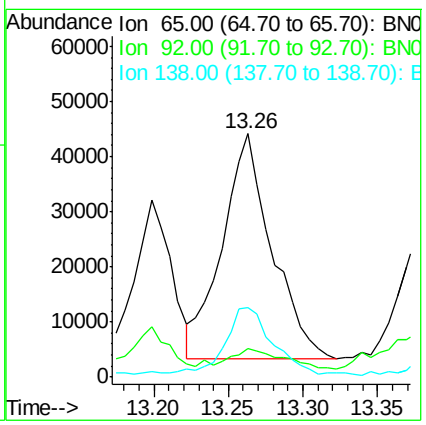


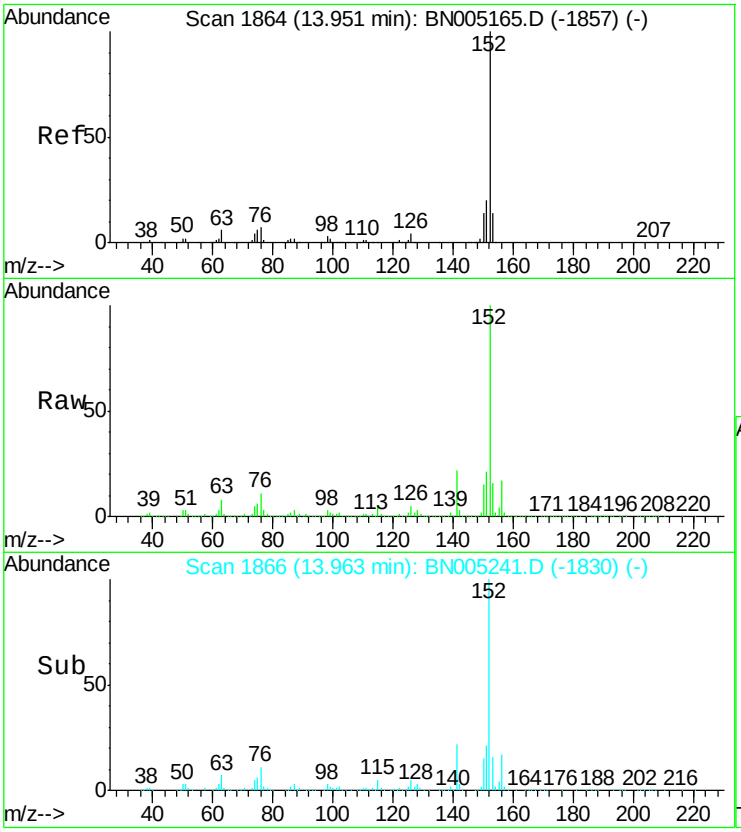


#42
2-Nitroaniline
Concen: 5.564 ng/ul
RT: 13.26 min Scan# 1747
Delta R.T. -0.04 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion: 65 Resp: 94299

Ion	Ratio	Lower	Upper
65	100		
92	11.6	51.6	77.4#
138	28.7	73.9	110.9#



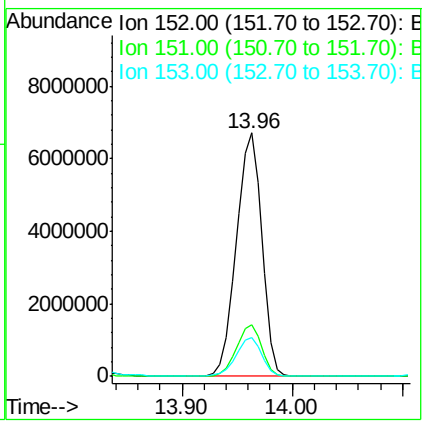


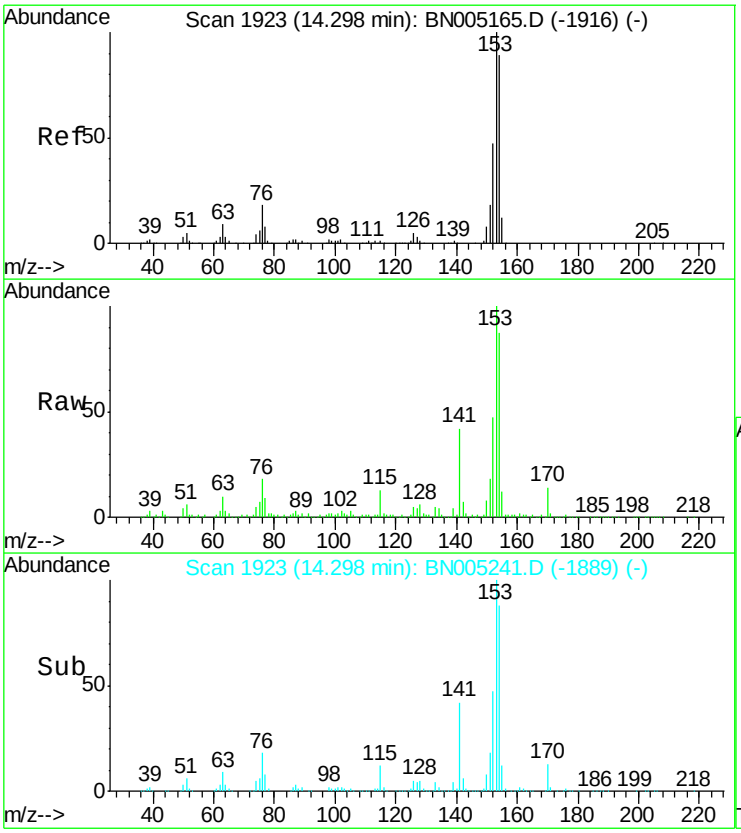
#47
Acenaphthylene
Concen: 111.225 ng/ul
RT: 13.96 min Scan# 1866
Delta R.T. 0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:152 Resp:10867642

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.8	23.8
153	15.8	9.8	14.8#

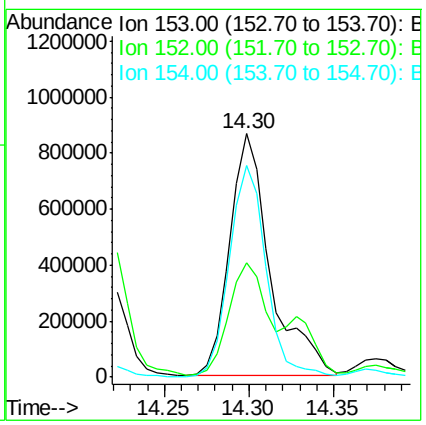


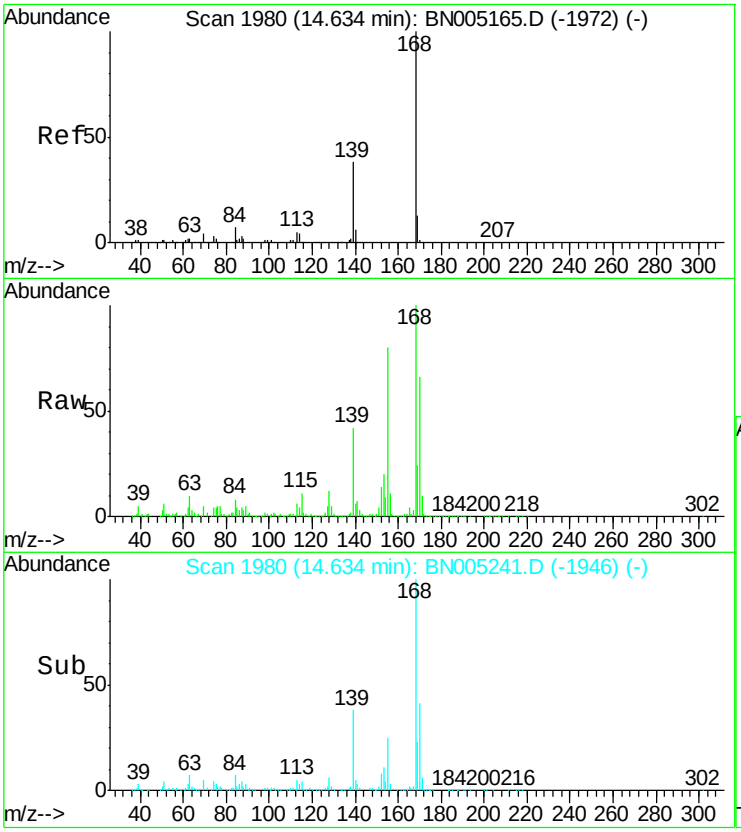


#49
Acenaphthene
Concen: 21.948 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:153 Resp: 1464045

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.4	56.0
154	86.8	71.2	106.8



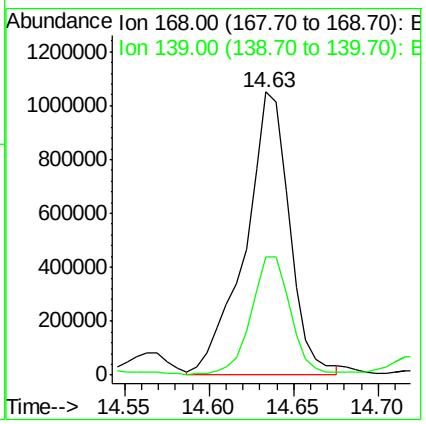


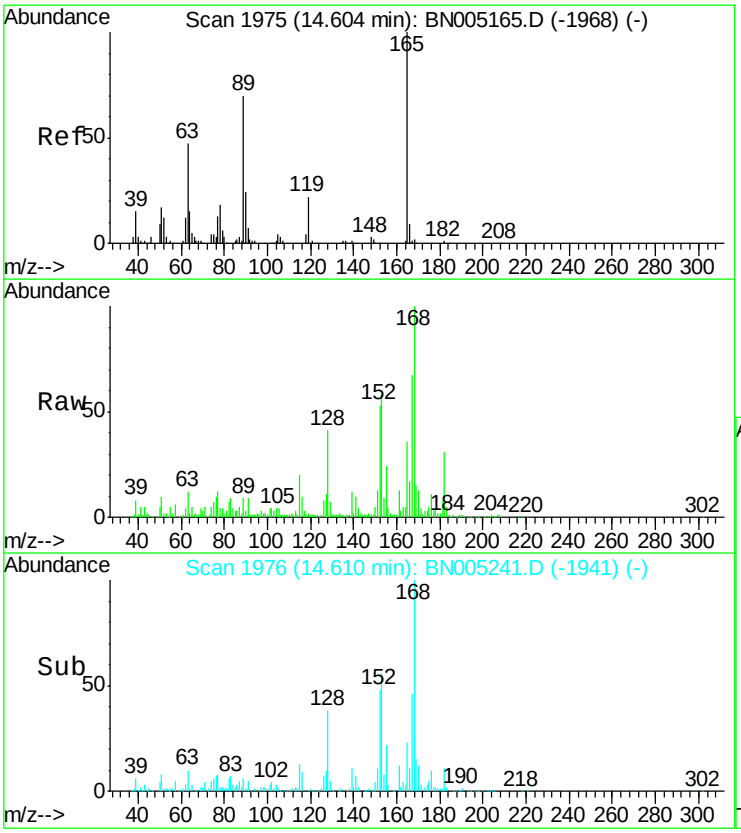
#53
Dibenzofuran
Concen: 19.984 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:168 Resp: 1919272

Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.9	46.3

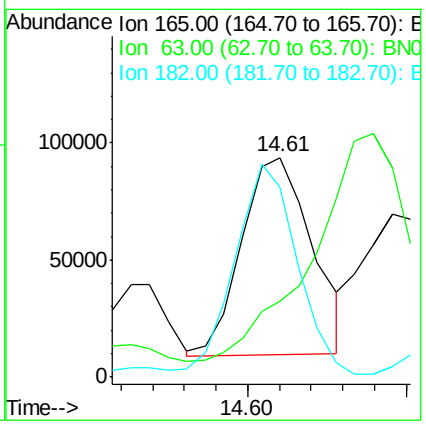


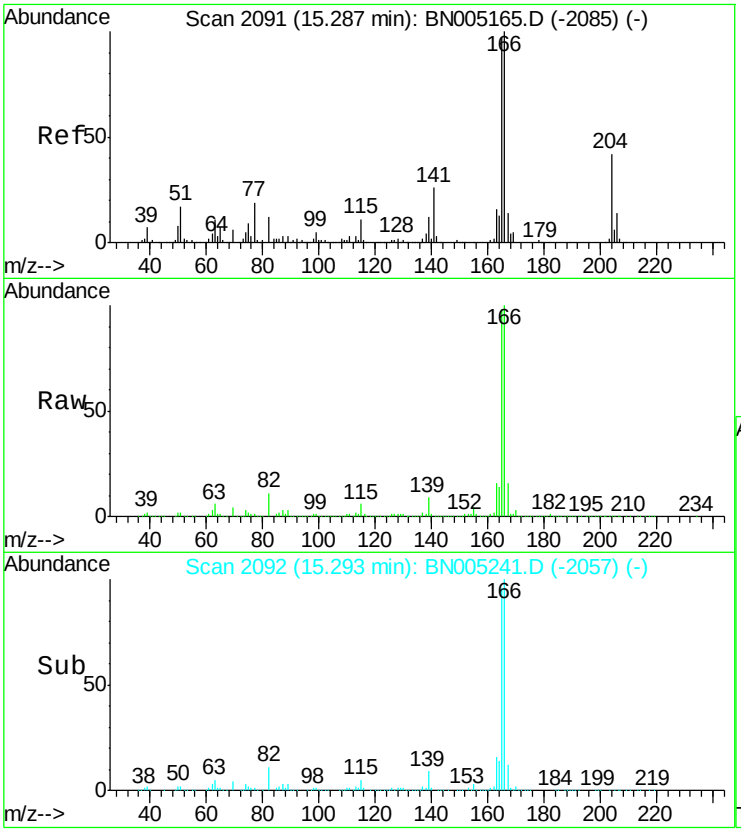


#54
2,4-Dinitrotoluene
Concen: 6.462 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:165 Resp: 129740

Ion	Ratio	Lower	Upper
165	100		
63	34.7	38.9	58.3#
182	86.4	2.6	3.8#



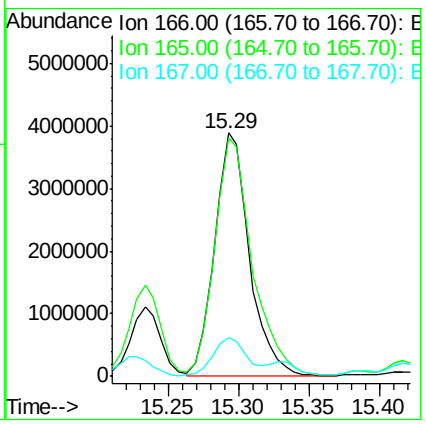


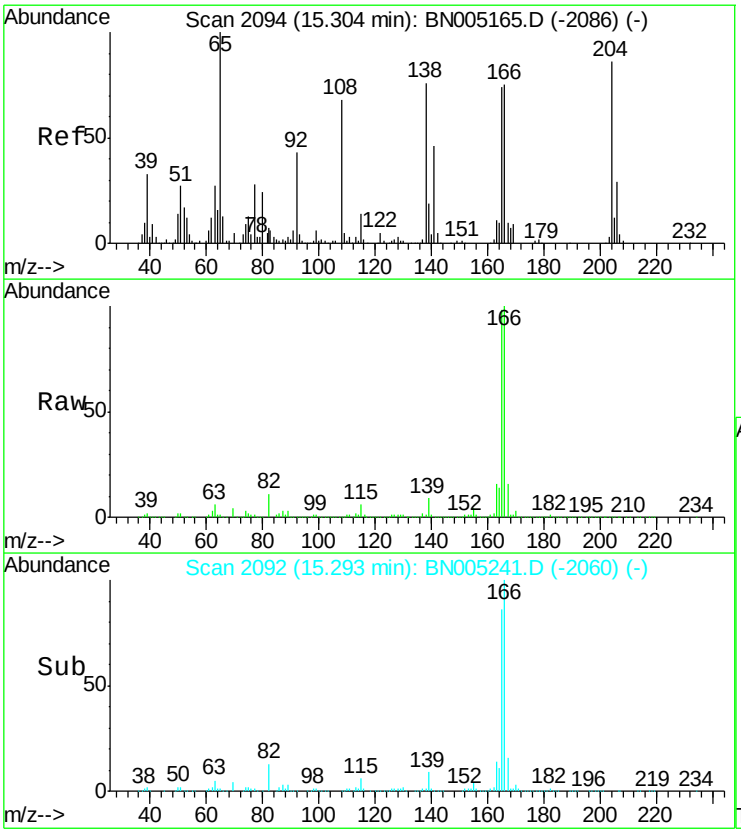
#58
Fluorene
Concen: 88.084 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:166 Resp: 6601092

Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.0	120.0
167	16.2	10.7	16.1#

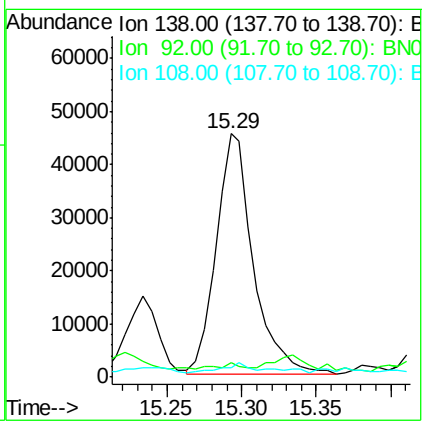


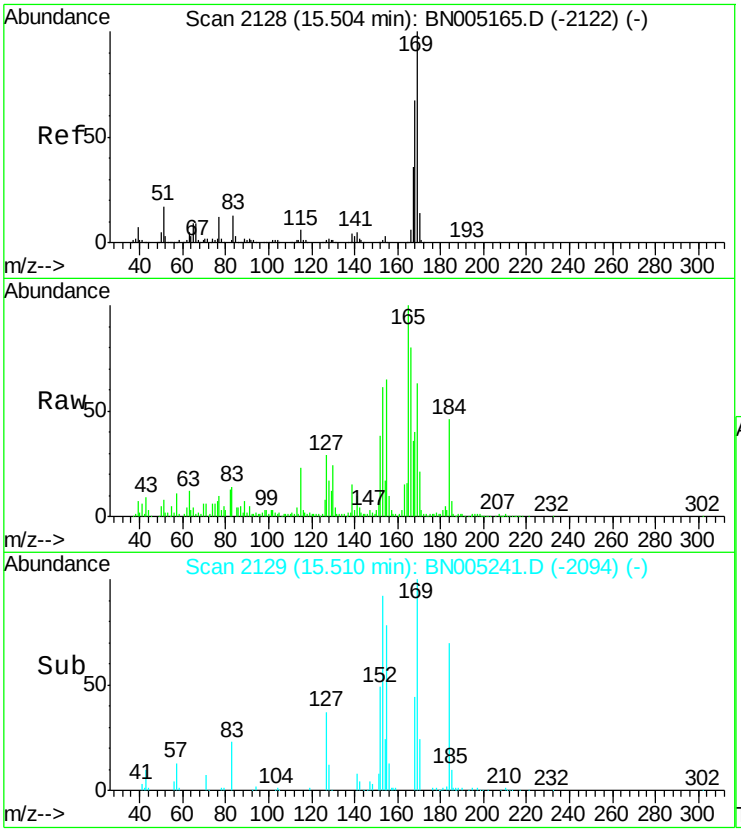


#60
4-Nitroaniline
Concen: 4.839 ng/ul
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:138 Resp: 78110

Ion	Ratio	Lower	Upper
138	100		
92	6.2	45.3	67.9#
108	3.8	73.2	109.8#



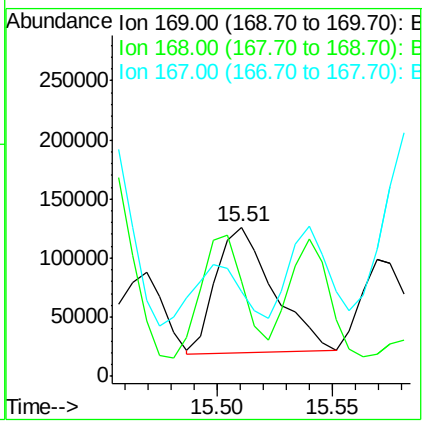


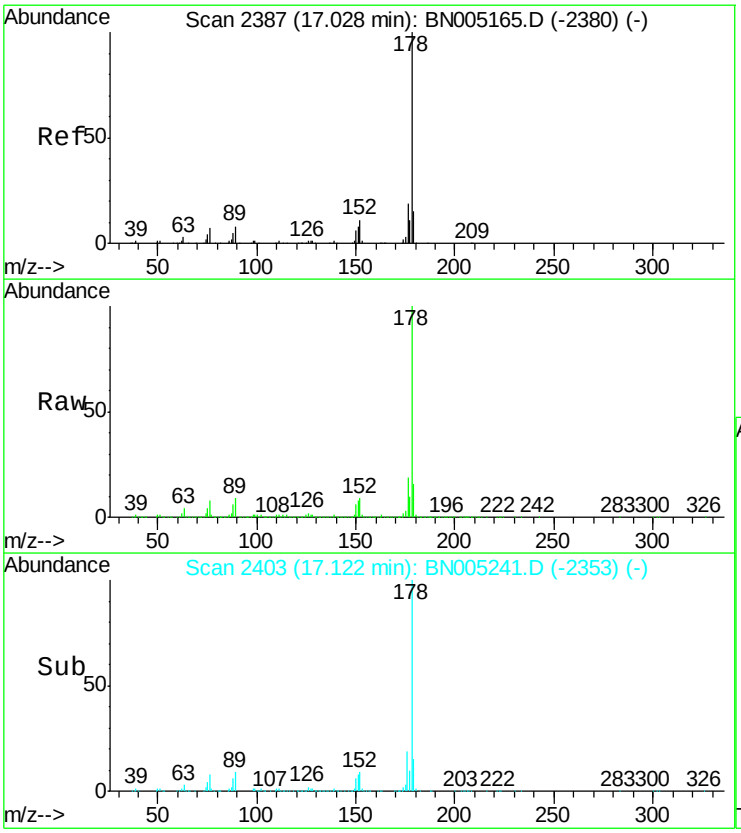
#64
N-Nitrosodiphenylamine
Concen: 2.964 ng/ul
RT: 15.51 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:169 Resp: 182642

Ion	Ratio	Lower	Upper
169	100		
168	63.5	52.2	78.2
167	56.5	27.7	41.5#

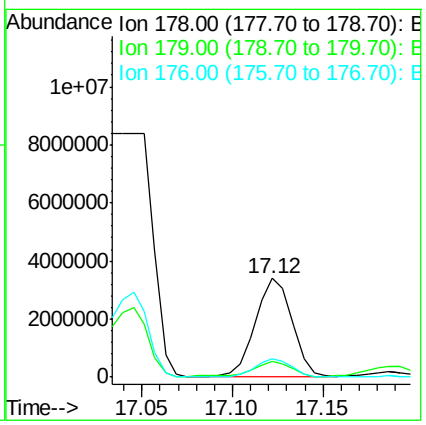


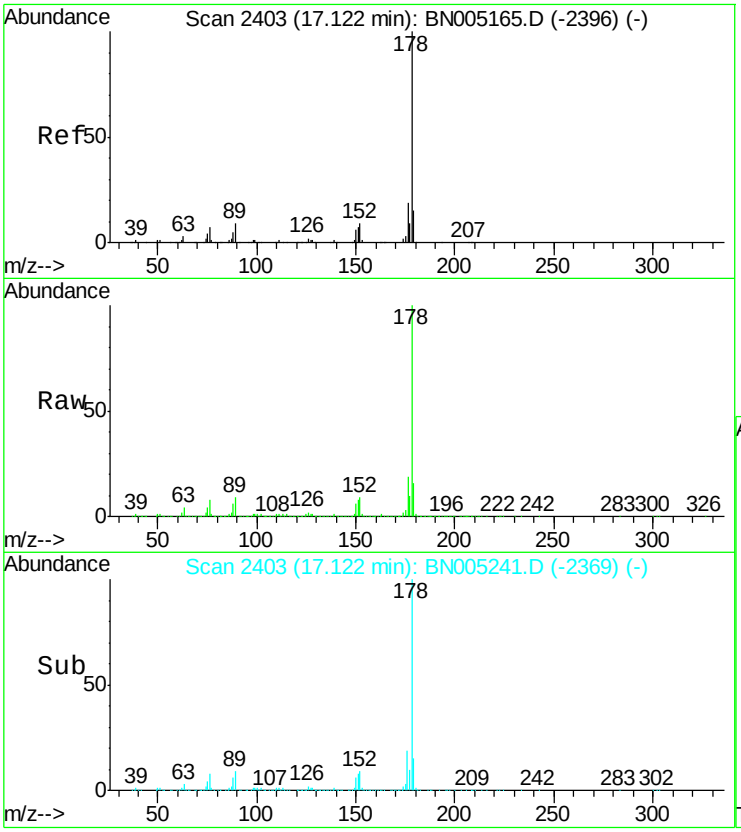


#69
Phenanthrene
Concen: 42.843 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.09 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:178 Resp: 4697273

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.4
176	18.7	15.1	22.7



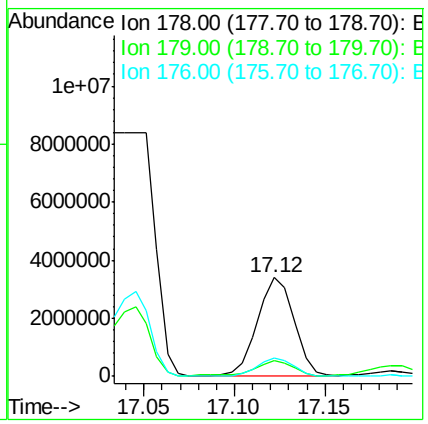


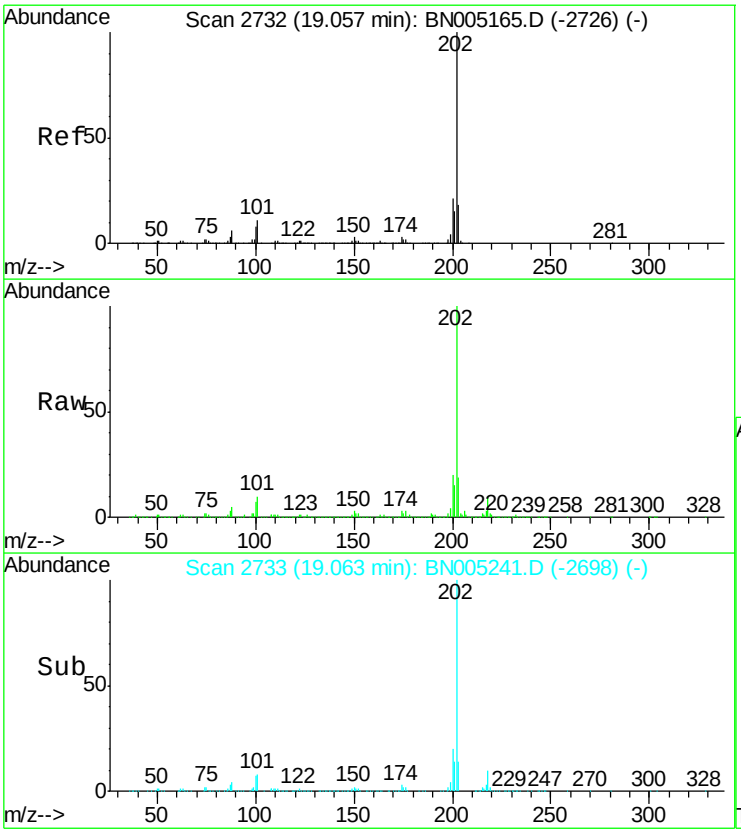
#71
Anthracene
Concen: 42.057 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. 0.00 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:178 Resp: 4697273

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.7	15.1	22.7

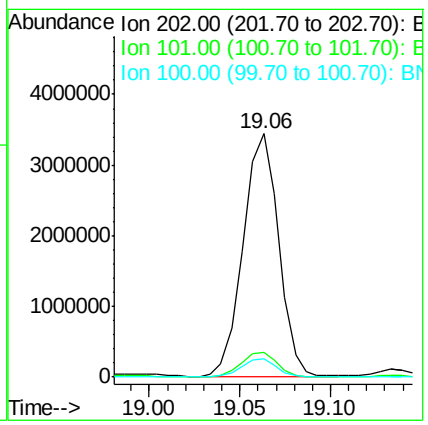


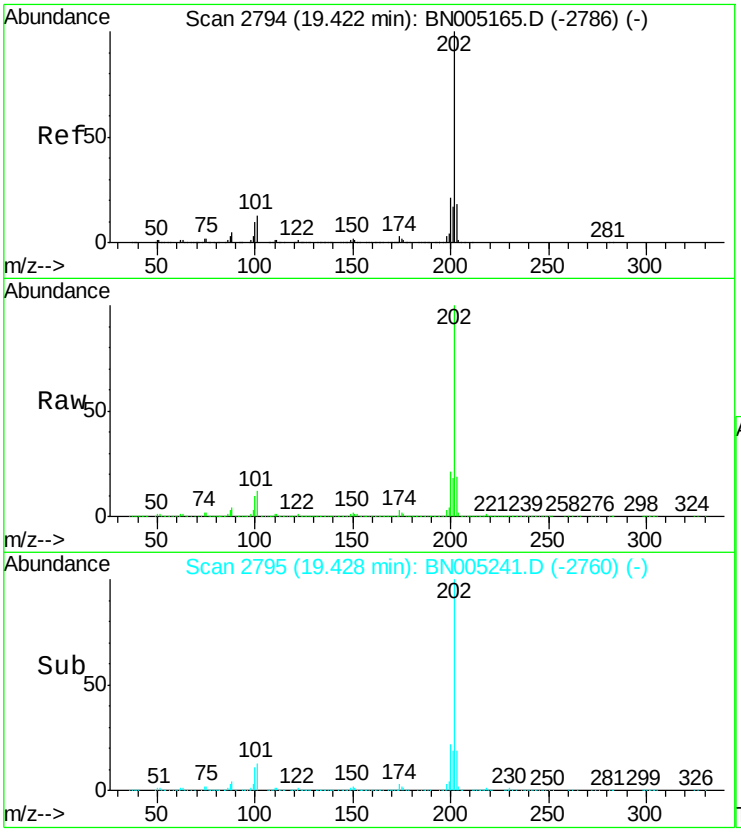


#76
Fluoranthene
Concen: 38.363 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:202 Resp: 4665378

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	12.8
100	7.4	6.3	9.5



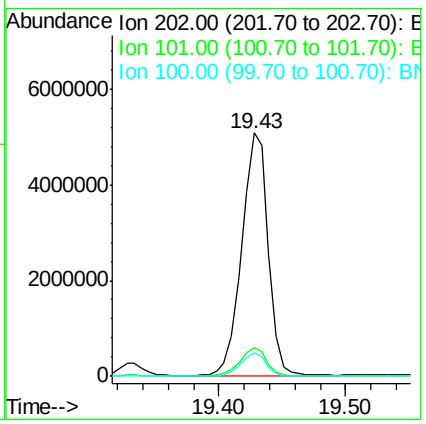


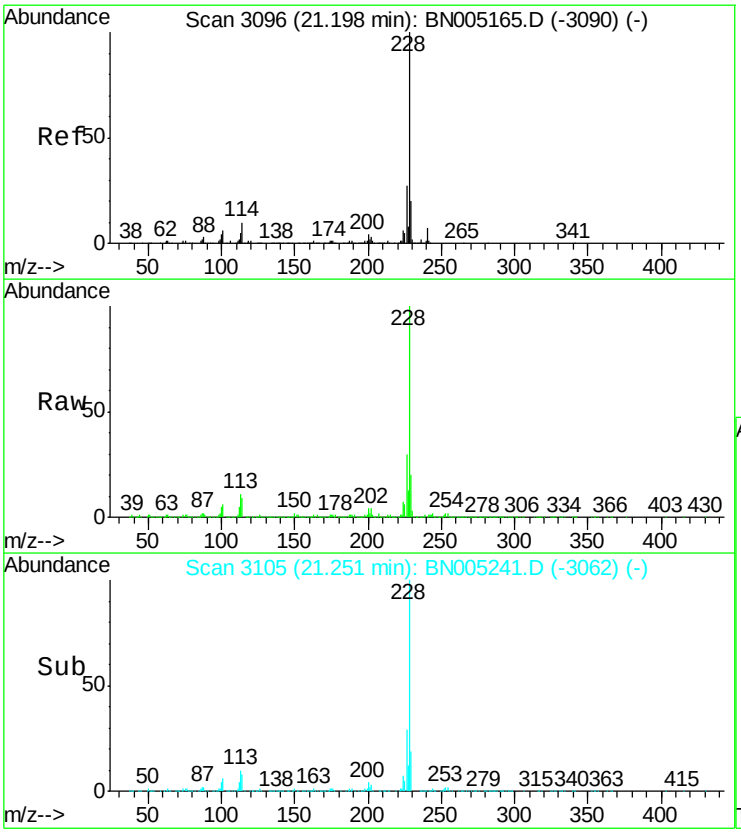
#79
Pyrene
Concen: 58.172 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:202 Resp: 7325811

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

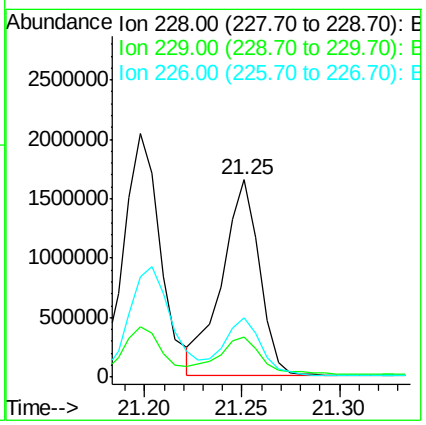


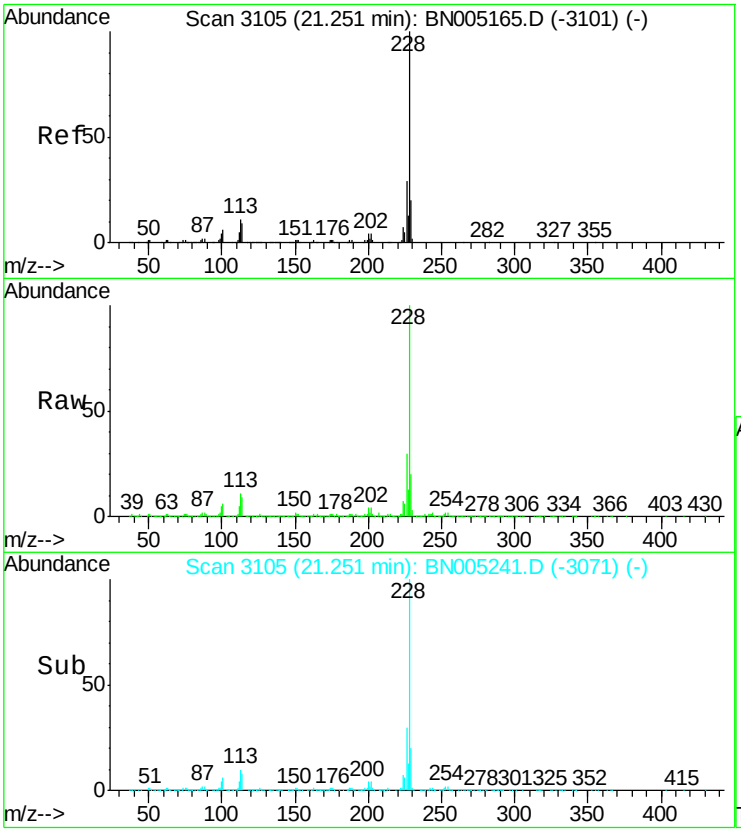


#82
Benzo(a)anthracene
Concen: 18.140 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.05 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:228 Resp: 2207168

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	30.0	21.4	32.2



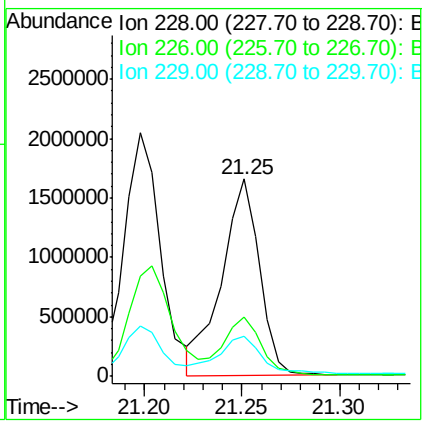


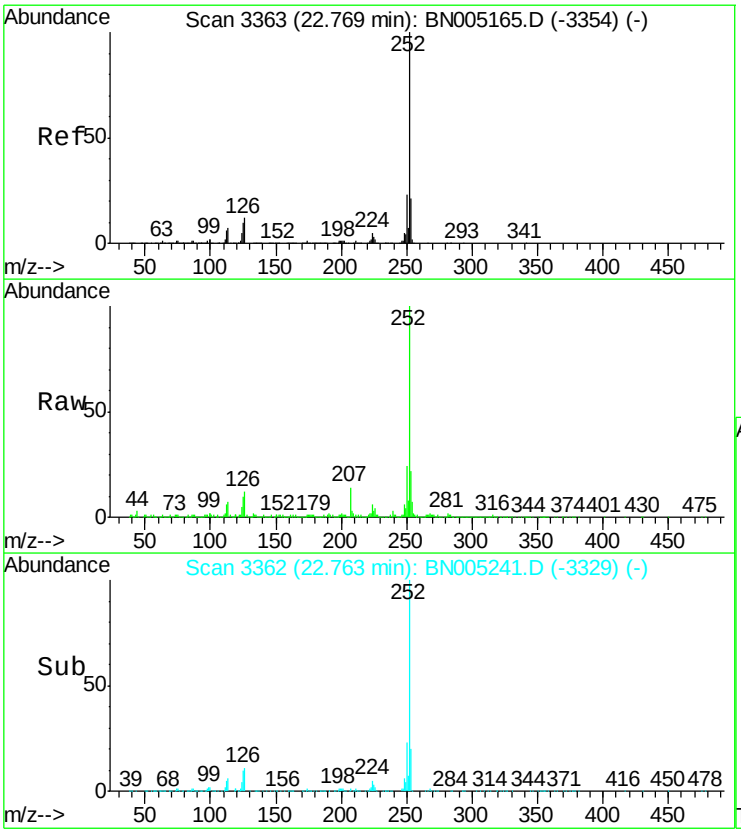
#84
Chrysene
Concen: 19.721 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:228 Resp: 2226977

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.5	15.4	23.0

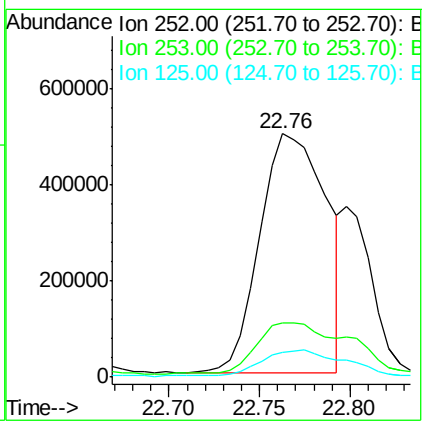


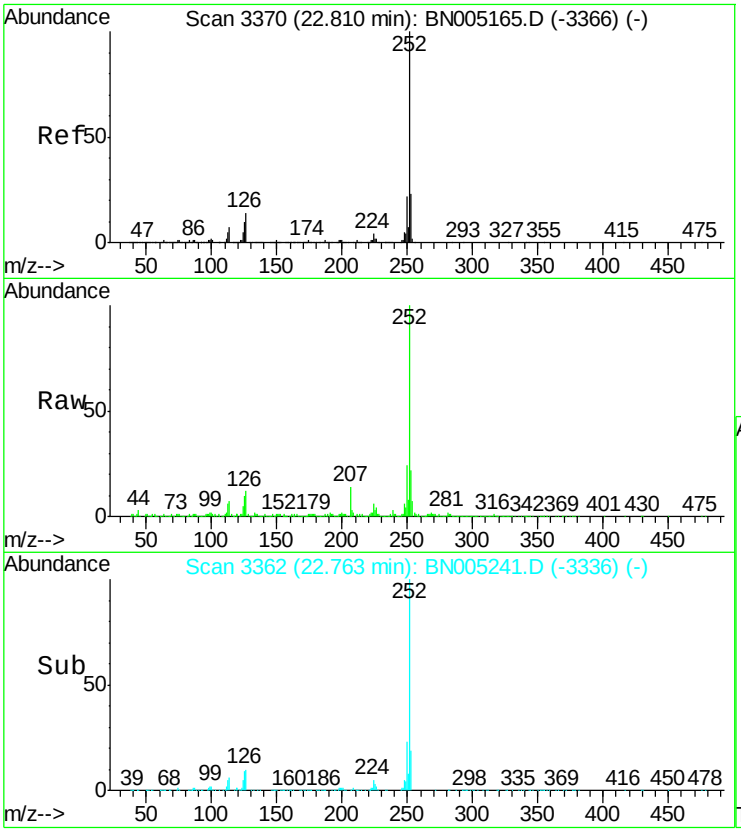


#87
Benzo(b)fluoranthene
Concen: 10.338 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:252 Resp: 1270989

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.3	8.4	12.6



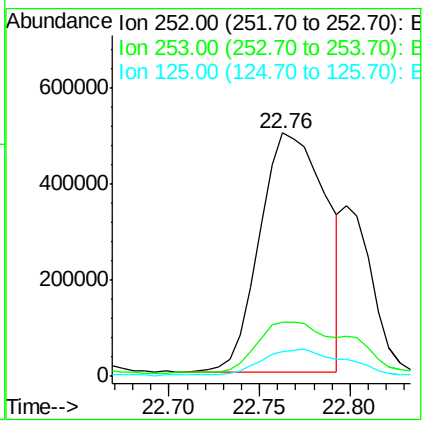


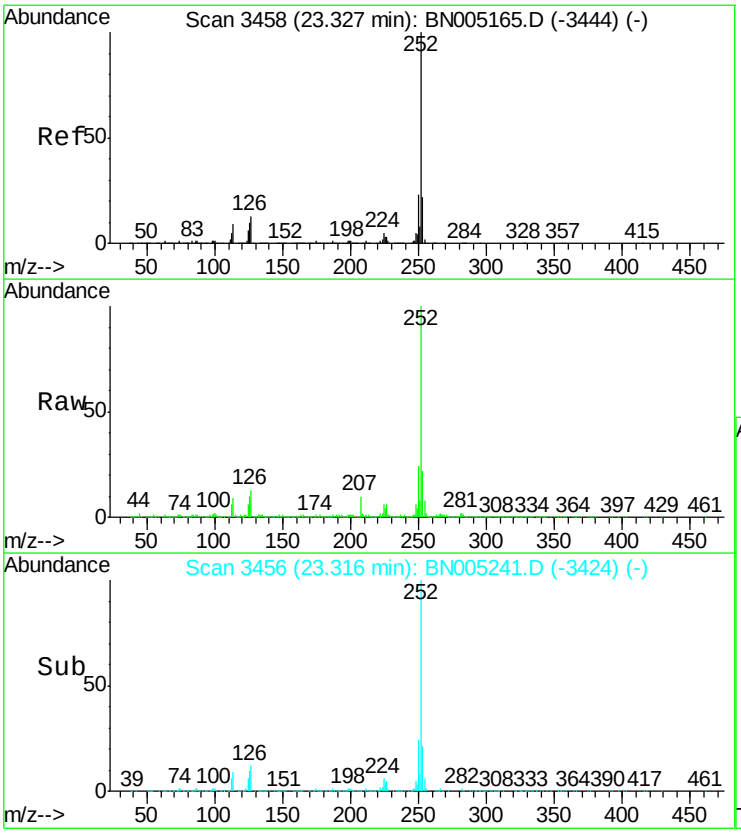
#88
Benzo(k)fluoranthene
Concen: 10.824 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.05 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:252 Resp: 1270989

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	10.3	7.5	11.3

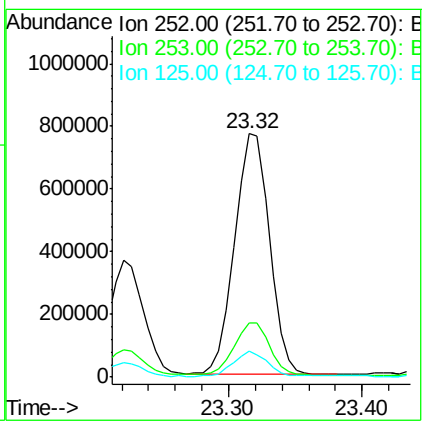


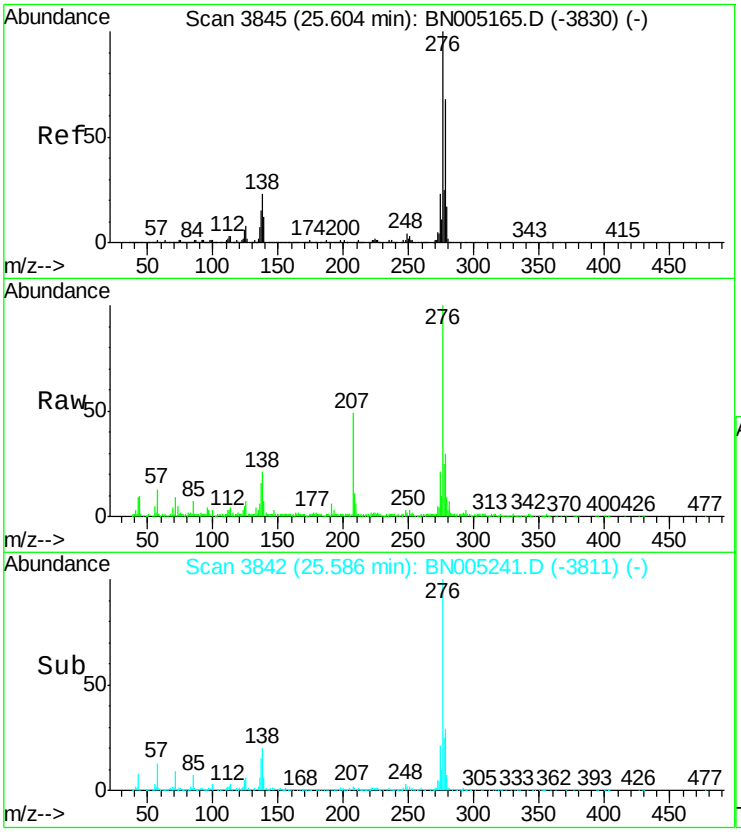


#90
Benzo(a)pyrene
Concen: 12.067 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:252 Resp: 1394529

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.4	8.6	13.0



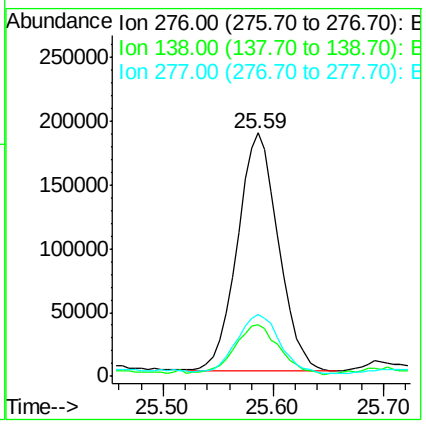


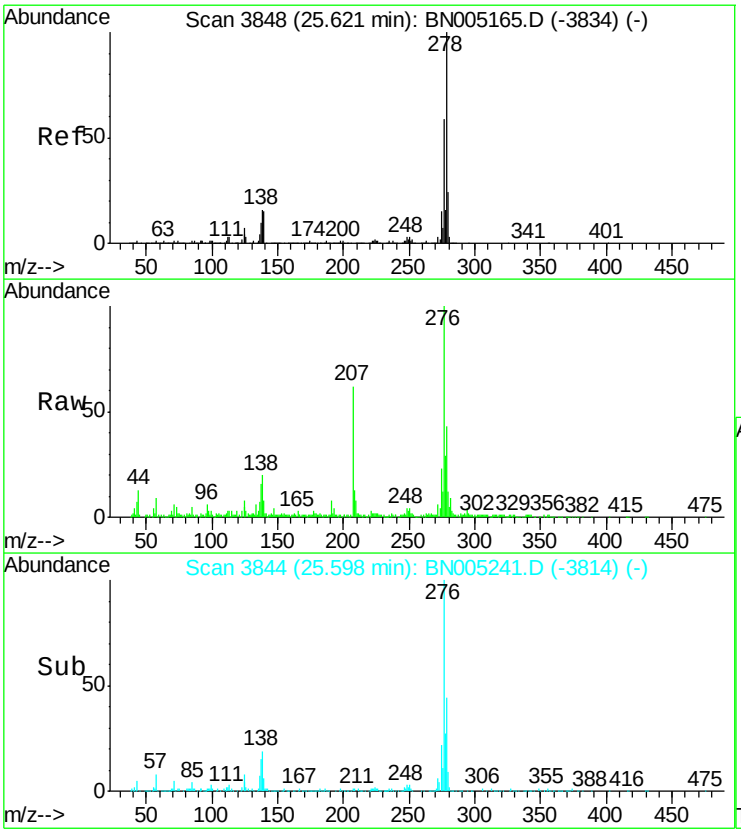
#91
Indeno(1,2,3-cd)pyrene
Concen: 3.813 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:276 Resp: 487135

Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.9	26.9
277	25.4	19.7	29.5

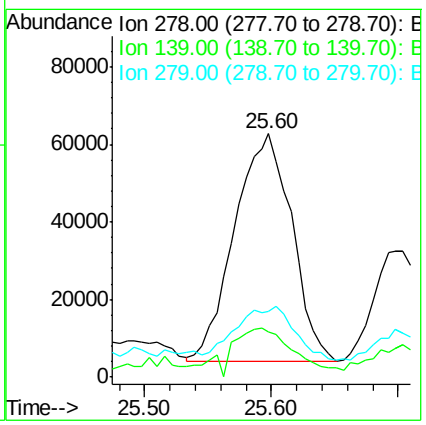


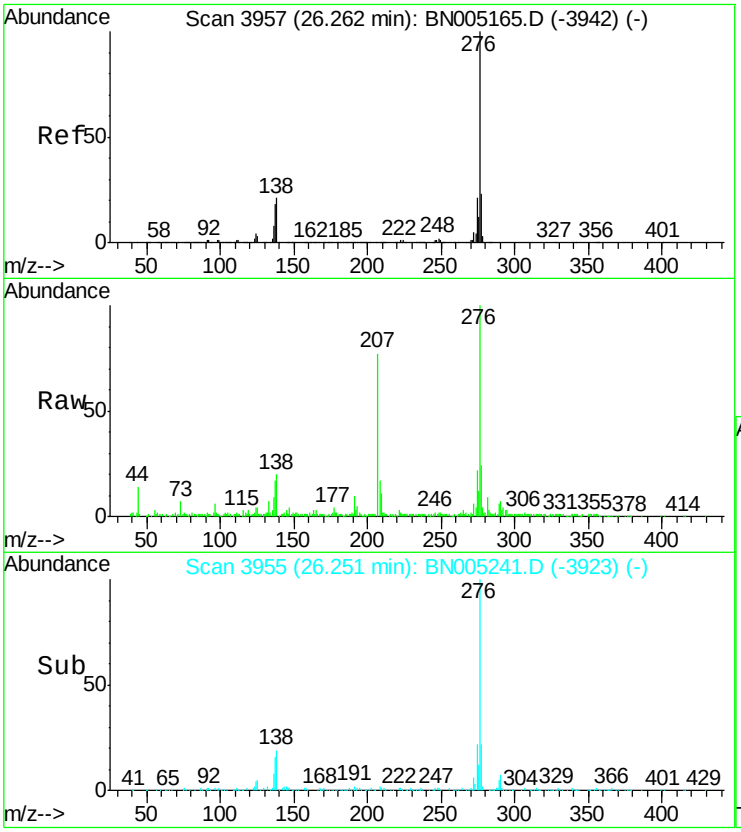


#92
Dibenzo(a,h)anthracene
Concen: 1.701 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Tgt Ion:278 Resp: 184470

Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.1	19.7
279	26.8	19.4	29.0





#93
Benzo(g,h,i)perylene
Concen: 3.280 ng/ul
RT: 26.25 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BN005241.D
Acq: 24 Apr 2019 07:09

Instrument :
BNA_N
ClientSampleId :
GAHR1

Tgt Ion:276 Resp: 346531

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.7	25.1
277	24.2	18.2	27.2