Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005361.D
Acq On : 29 Apr 2019 20:53
Operator : JU/SJ
Sample : K2455-17MEDL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 30 00:54:16 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	231277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1283438	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	766907	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1733885	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1705329	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	1957351	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	2263	0.47	ng/uL	0.00
5) Phenol-d5	6.78	99	27648	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	16547	1.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	23890	1.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	15928	1.12	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	16235	2.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	16194	2.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	29484	1.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	43672	2.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	108949	1.96	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	137763	2.01	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.40	143	352	0.04	ng/ul	-0.03
57) Fluorene-d10	15.22	176	103571	2.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	6623	0.85	ng/ul	0.00
70) Anthracene-d10	17.07	188	155125	2.13	ng/ul	-0.01
78) Pyrene-d10	19.39	212	180974	2.07	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.27	264	179976	2.10	ng/ul	-0.03
Target Compounds						Qvalue
28) Naphthalene	10.40	128	4241423	71.087	ng/ul	99
30) 4-Chloroaniline	10.40	127	566740	29.392	ng/ul#	13
34) 2-Methylnaphthalene	12.02	142	3169623	72.552	ng/ul	97
40) 1,1'-Biphenyl	13.05	154	191271	3.347	ng/ul	99
47) Acenaphthylene	13.95	152	560390	8.340	ng/ul	97
49) Acenaphthene	14.29	153	70648	1.540	ng/ul#	91
53) Dibenzofuran	14.63	168	91331	1.383	ng/ul	93
58) Fluorene	15.28	166	343645	6.668	ng/ul	97
69) Phenanthrene	17.02	178	1582816	18.744	ng/ul	99
71) Anthracene	17.11	178	266264	3.095	ng/ul	97
76) Fluoranthene	19.05	202	284144	3.034	ng/ul	98
79) Pyrene	19.42	202	498187	4.537	ng/ul	97
82) Benzo(a)anthracene	21.25	228	151620	1.429	ng/ul	95
84) Chrysene	21.25	228	152145	1.545	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	117618	1.069	ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	117618	1.119	ng/ul	96

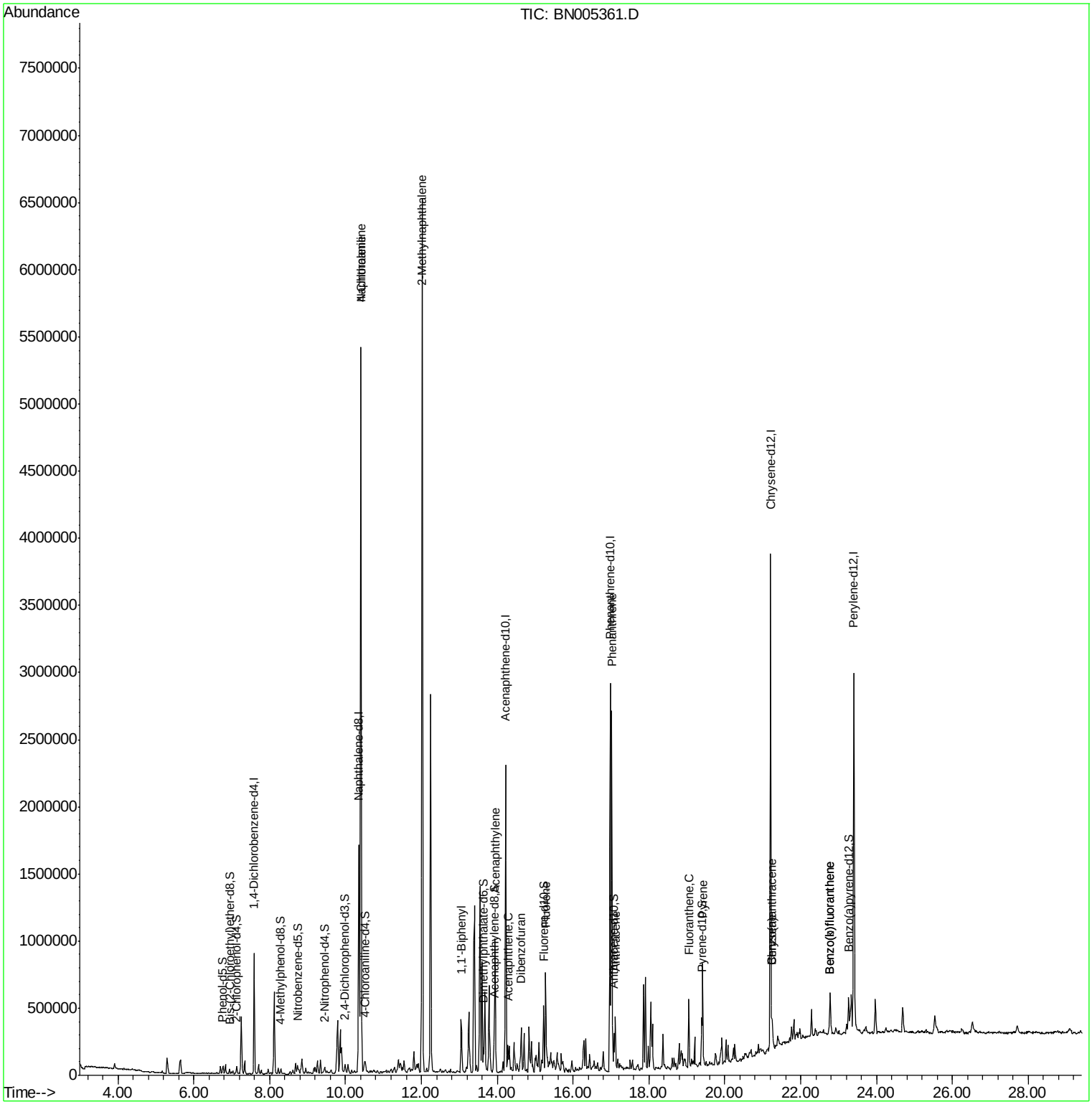
(#) = qualifier out of range (m) = manual integration (+) = signals summed

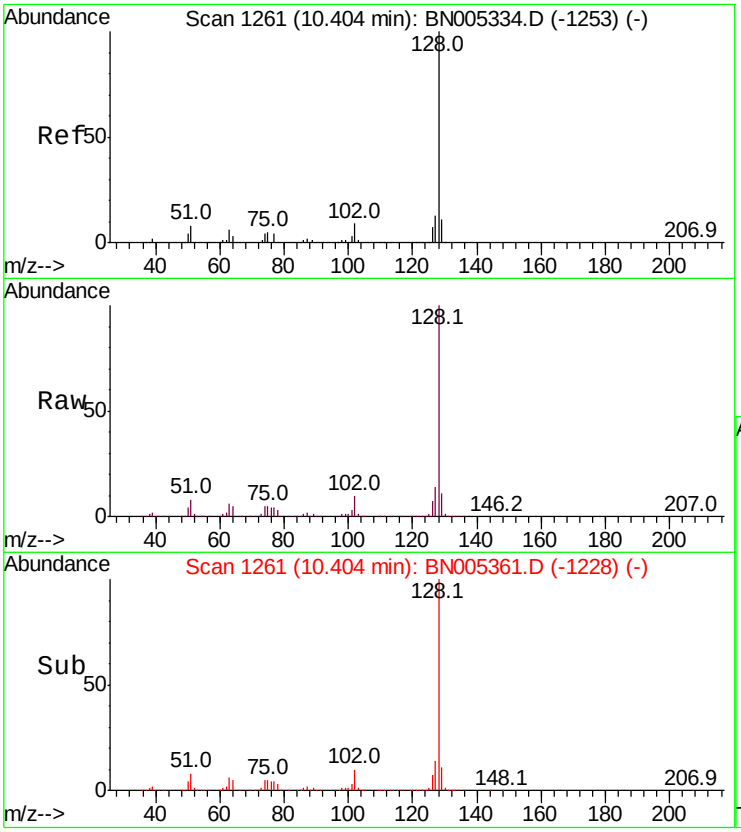
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005361.D
Acq On : 29 Apr 2019 20:53
Operator : JU/SJ
Sample : K2455-17MEDL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 30 00:54:16 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



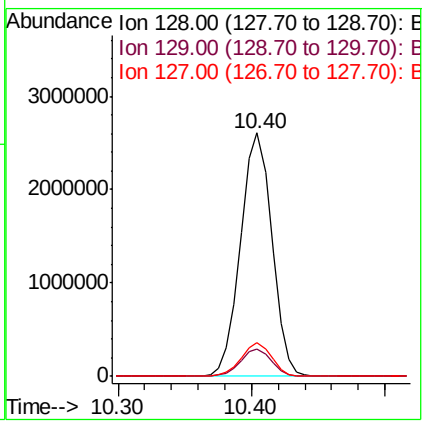


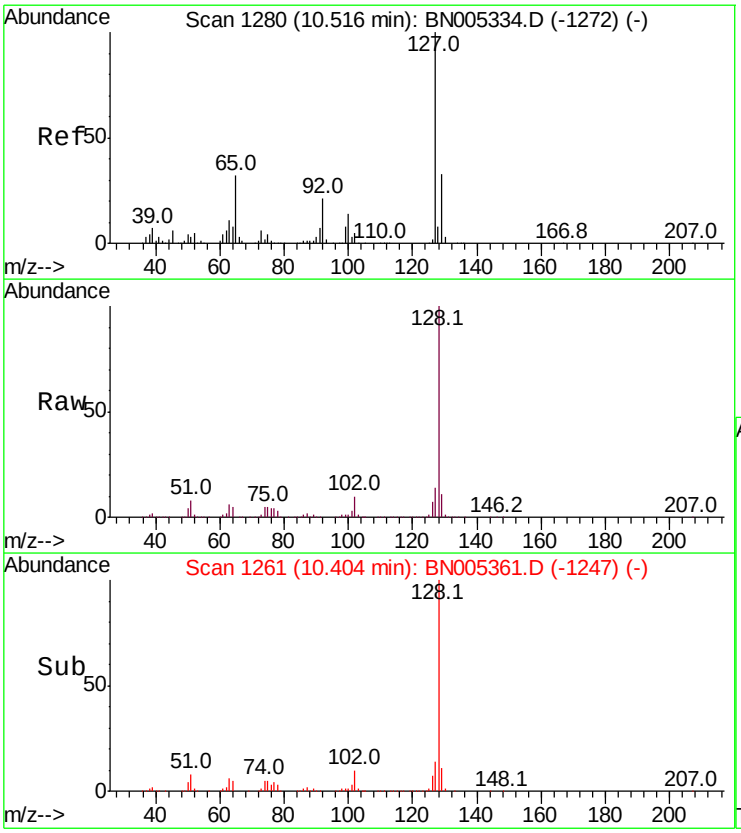
#28
Naphthalene
Concen: 71.087 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 4241423

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.6	10.7	16.1

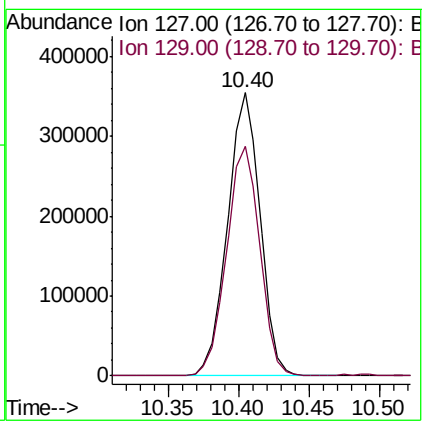


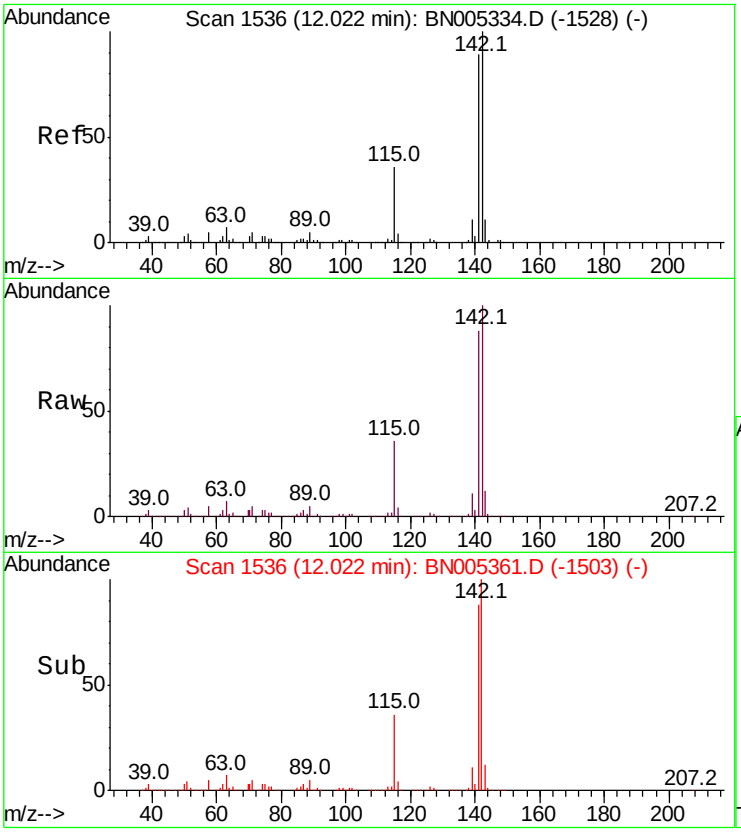


#30
4-Chloroaniline
Concen: 29.392 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:127 Resp: 566740

Ion	Ratio	Lower	Upper
127	100		
129	81.0	25.8	38.6#



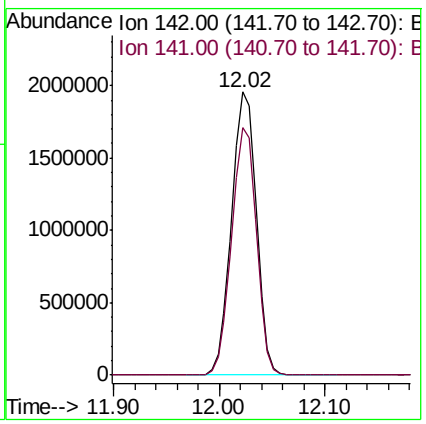


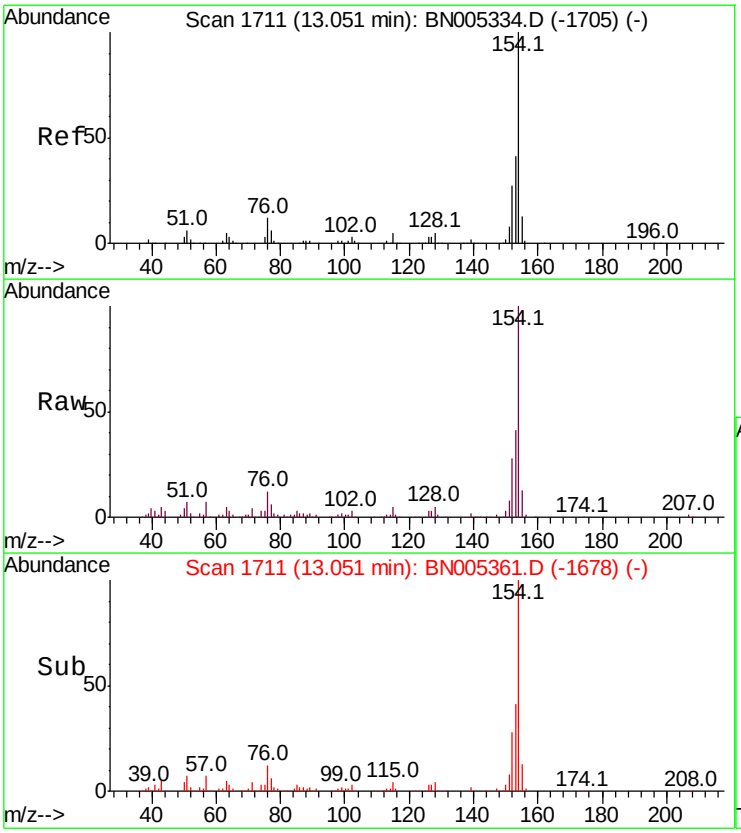
#34
2-Methylnaphthalene
Concen: 72.552 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 3169623

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.0	108.0

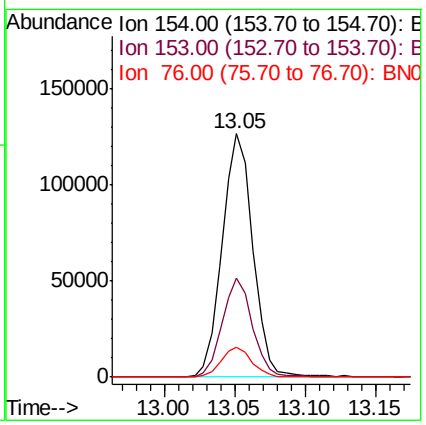


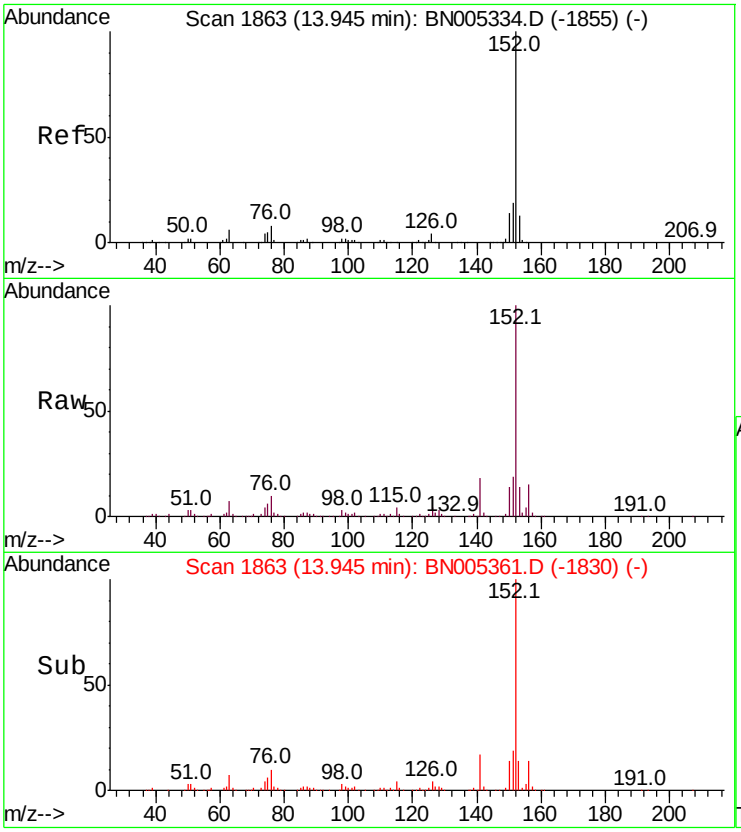


#40
1,1'-Biphenyl
Concen: 3.347 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:154 Resp: 191271

Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.6	49.0
76	12.2	10.4	15.6



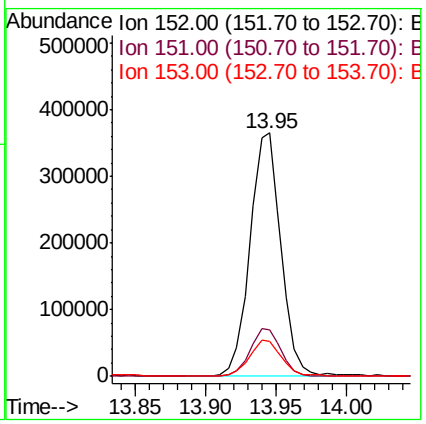


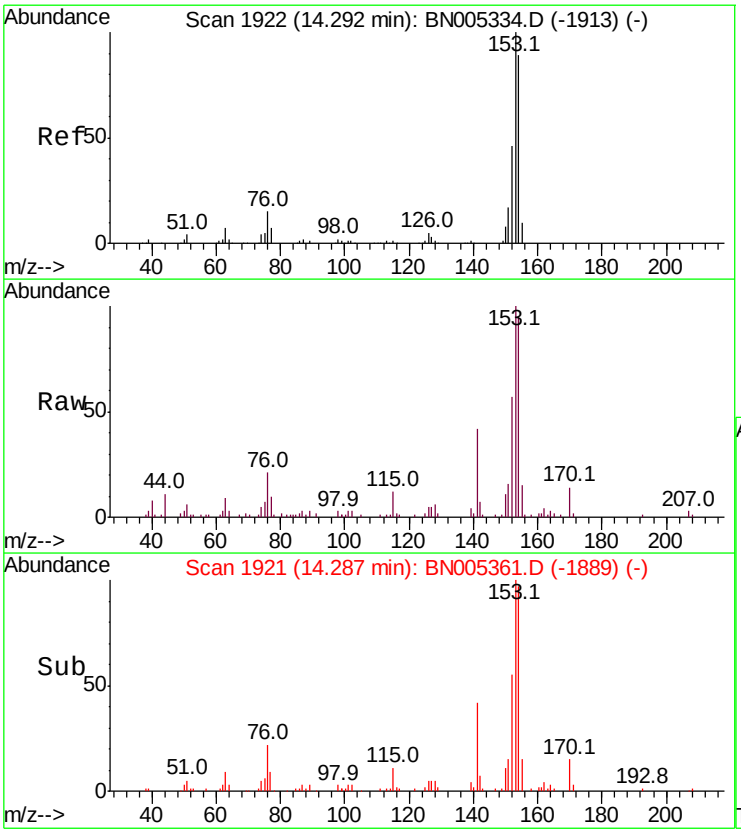
#47
Acenaphthylene
Concen: 8.340 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 560390

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.8
153	14.3	9.8	14.8

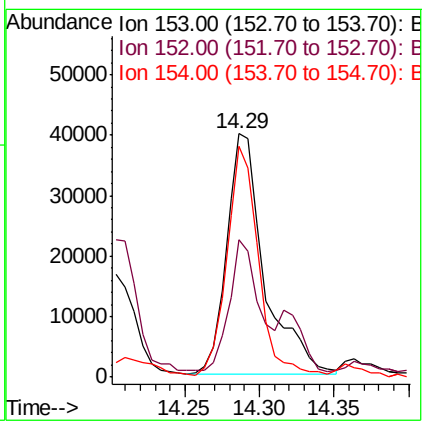


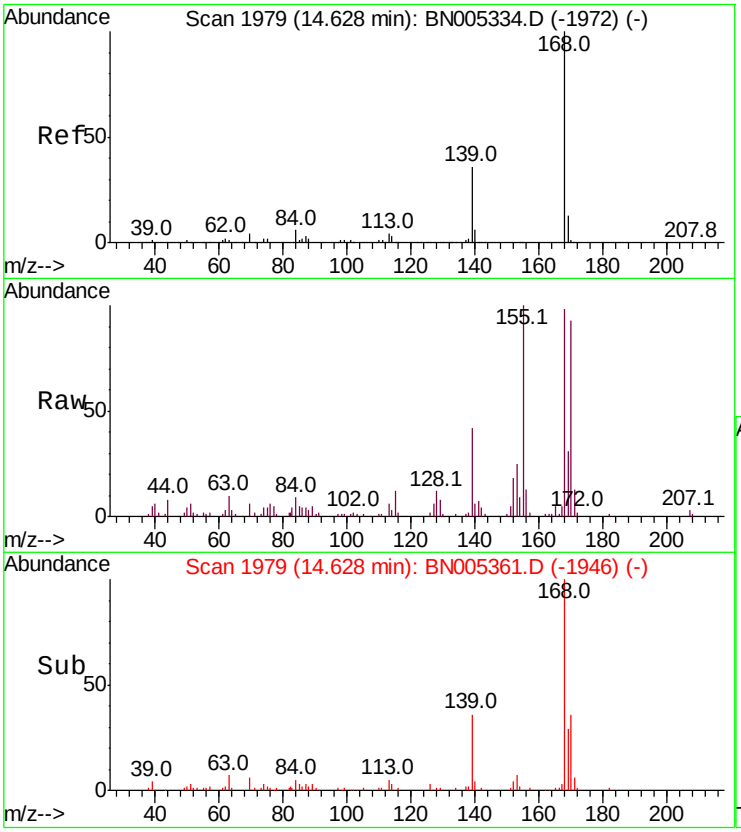


#49
Acenaphthene
Concen: 1.540 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:153 Resp: 70648

Ion	Ratio	Lower	Upper
153	100		
152	56.6	37.4	56.0#
154	94.6	71.2	106.8



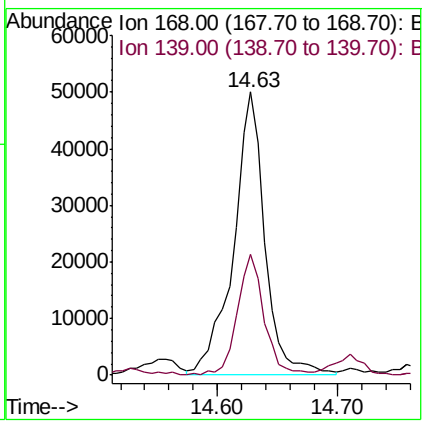


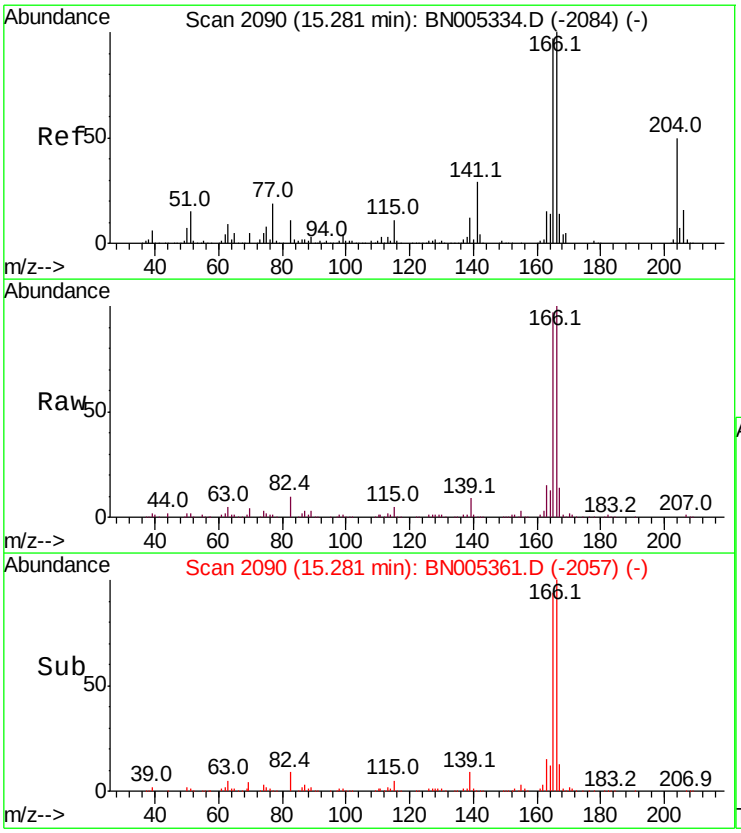
#53
Dibenzofuran
Concen: 1.383 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 91331

Ion	Ratio	Lower	Upper
168	100		
139	42.7	30.9	46.3

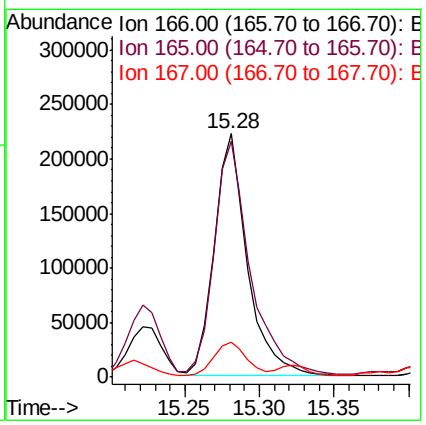


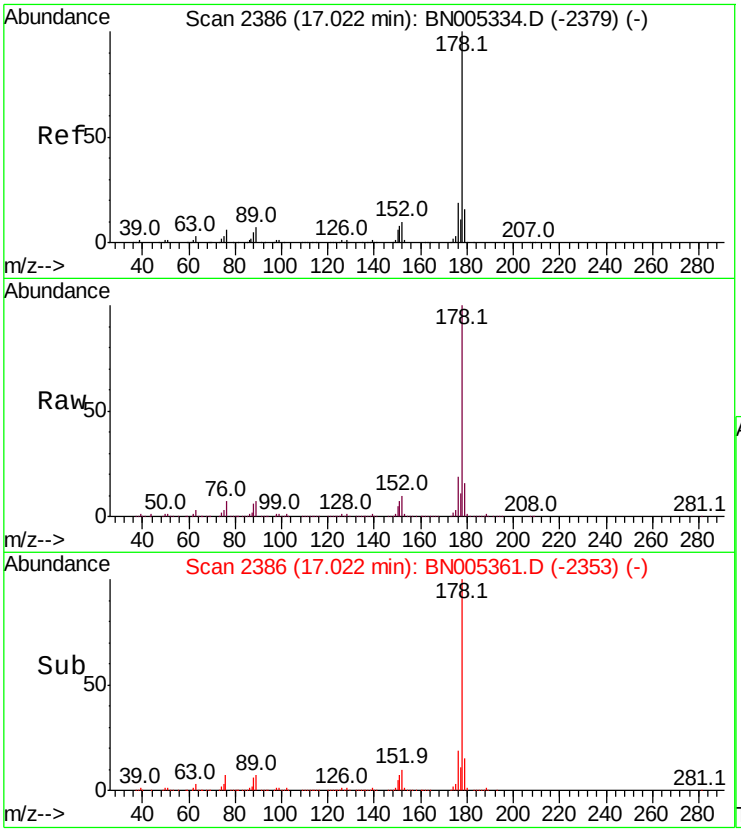


#58
Fluorene
Concen: 6.668 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:166 Resp: 343645

Ion	Ratio	Lower	Upper
166	100		
165	97.0	80.0	120.0
167	14.5	10.7	16.1



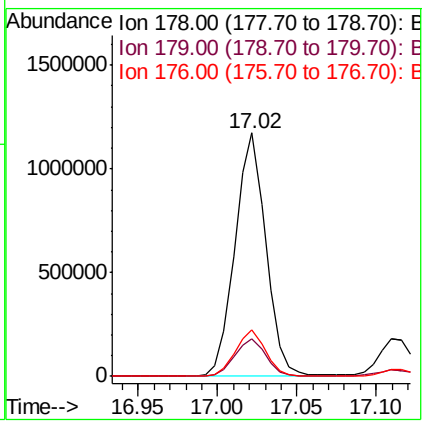


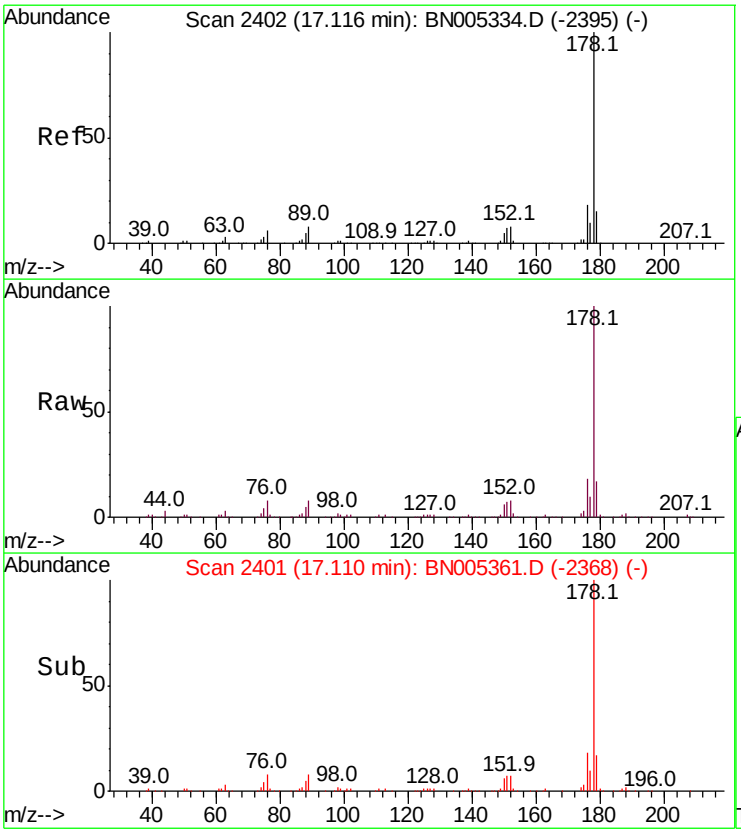
#69
Phenanthrene
Concen: 18.744 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1582816

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.2	15.1	22.7

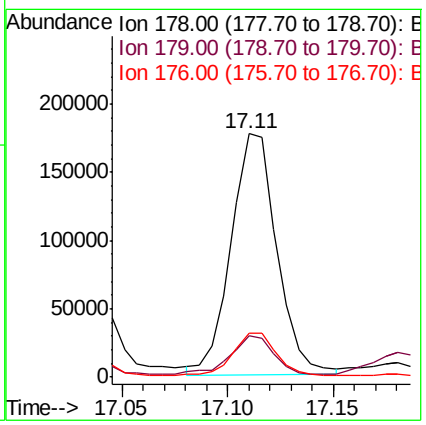


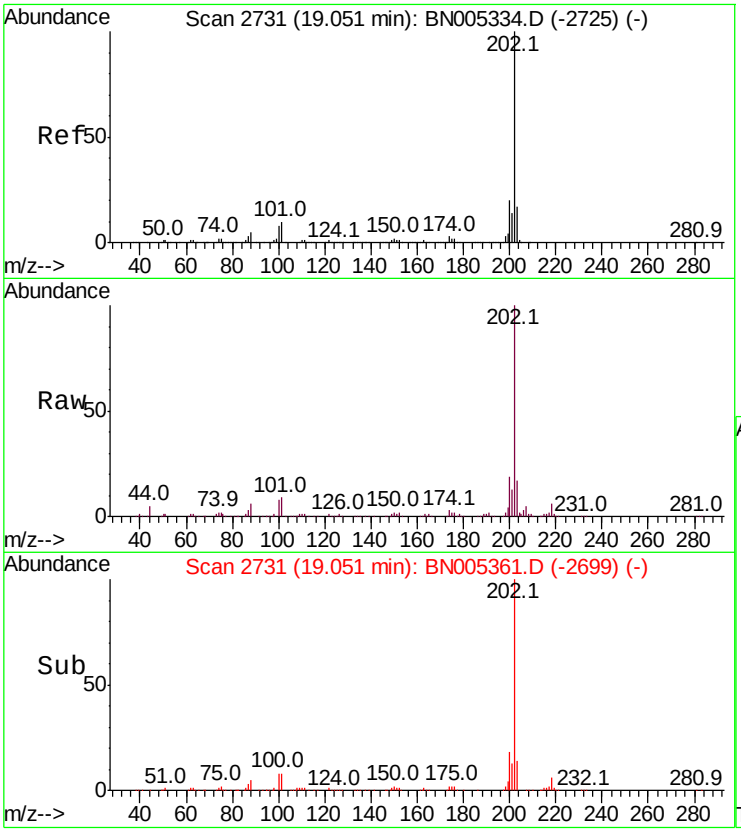


#71
Anthracene
Concen: 3.095 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:178 Resp: 266264

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	17.8	15.1	22.7



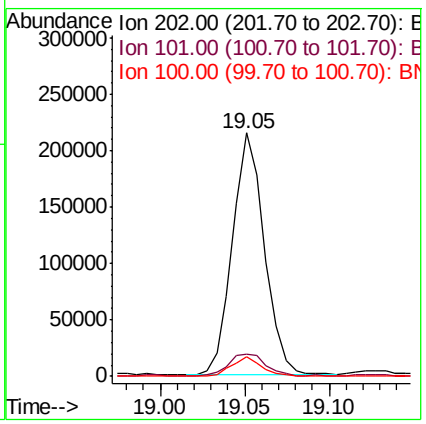


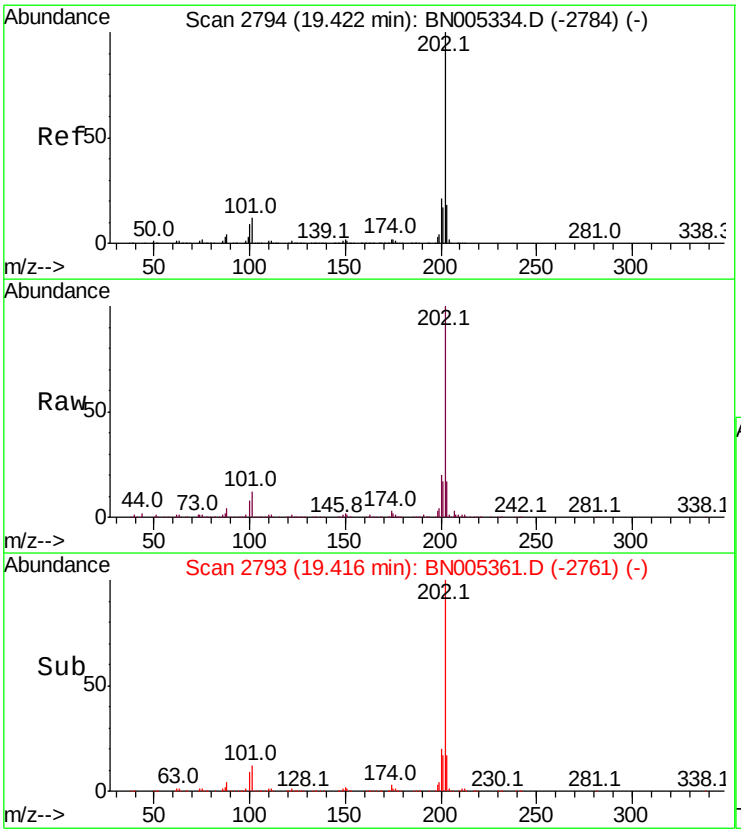
#76
Fluoranthene
Concen: 3.034 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 284144

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.6	12.8
100	8.2	6.3	9.5

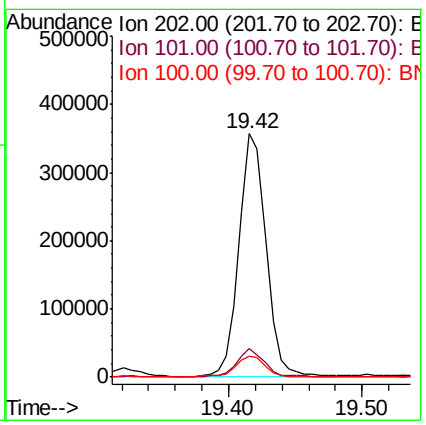


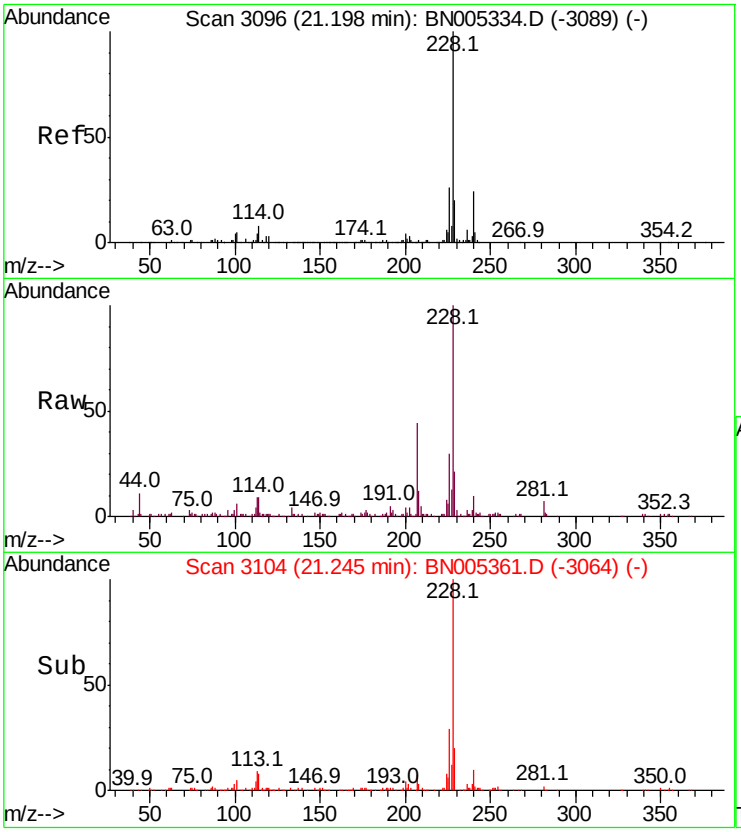


#79
Pyrene
Concen: 4.537 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:202 Resp: 498187

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.3	15.5
100	8.5	7.9	11.9



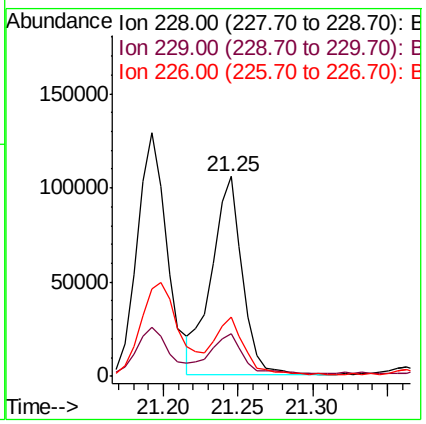


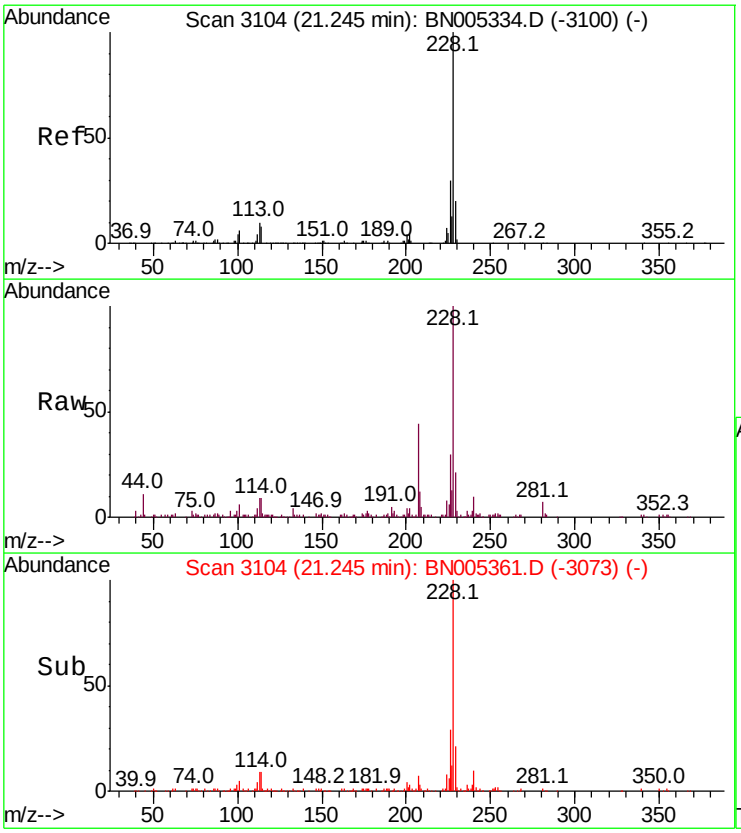
#82
Benzo(a)anthracene
Concen: 1.429 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.04 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 151620

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	29.7	21.4	32.2

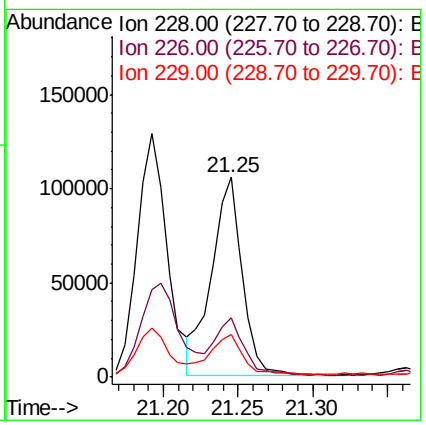


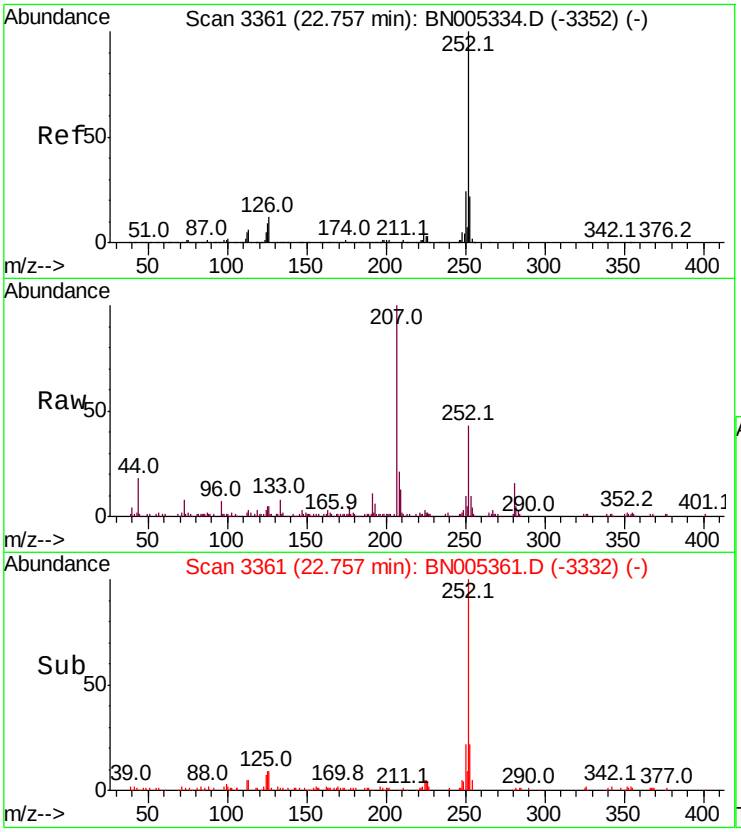


#84
Chrysene
Concen: 1.545 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:228 Resp: 152145

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	21.4	15.4	23.0



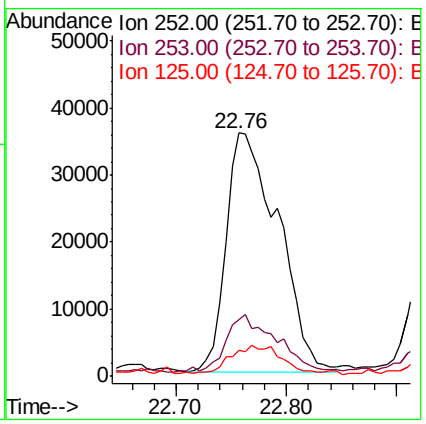


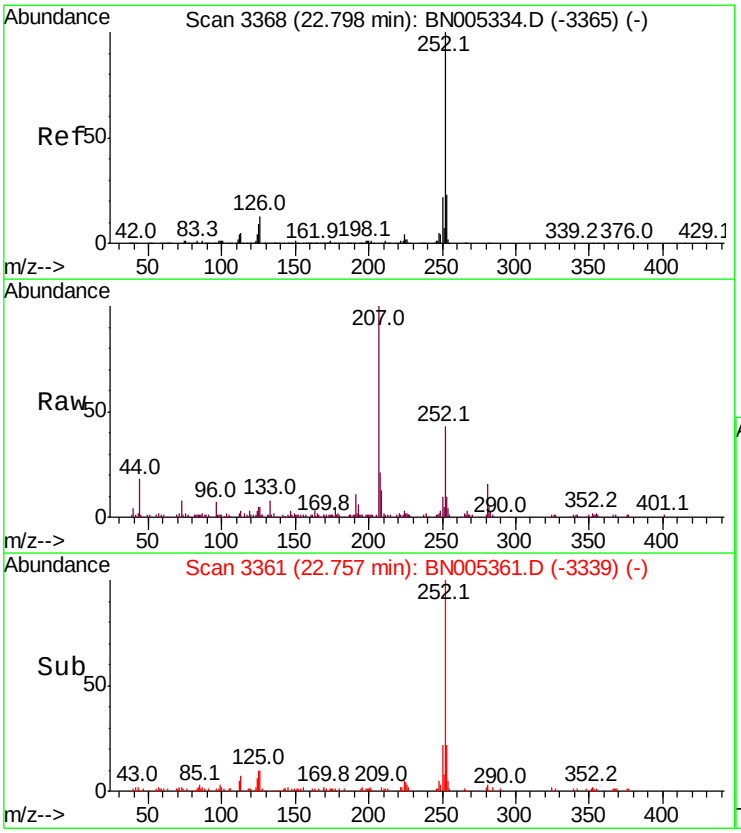
#87
Benzo(b)fluoranthene
Concen: 1.069 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.03 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 117618

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	10.6	8.4	12.6





#88
Benzo(k)fluoranthene
Concen: 1.119 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.07 min
Lab File: BN005361.D
Acq: 29 Apr 2019 20:53

Tgt Ion:252 Resp: 117618

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.6	7.5	11.3