Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 29 02:24:08 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	406667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1721563	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1012021	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2237847	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1795127	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1705036	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	540	0.06	ng/uL	0.00
5) Phenol-d5	6.78	99	20160	0.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	11806	0.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	16100	0.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	14611	0.59	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	8906	0.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	8277	0.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	17353	0.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	18744	0.74	ng/ul	-0.03
43) Dimethylphthalate-d6	13.65	166	61582	0.84	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	68519	0.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	10479	0.90	ng/ul	0.01
57) Fluorene-d10	15.23	176	61010	0.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	2253	0.22	ng/ul	0.00
70) Anthracene-d10	17.08	188	84175	0.90	ng/ul	0.00
78) Pyrene-d10	19.39	212	83267	0.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	61347	0.82	ng/ul	-0.02
Target Compounds						Qvalue
17) Hexachloroethane	8.68	117	23481	2.140	ng/ul#	6
34) 2-Methylnaphthalene	12.02	142	1121030	19.130	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	638824	8.472	ng/ul	99
47) Acenaphthylene	13.95	152	3262373	36.791	ng/ul	98
49) Acenaphthene	14.29	153	347809	5.745	ng/ul	96
53) Dibenzofuran	14.63	168	394014	4.521	ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	24123	1.324	ng/ul#	46
58) Fluorene	15.29	166	2017252	29.661	ng/ul	96
60) 4-Nitroaniline	15.29	138	21405	1.461	ng/ul#	13
69) Phenanthrene	17.03	178	9468836	86.881	ng/ul	98
71) Anthracene	17.12	178	1050667	9.463	ng/ul	99
76) Fluoranthene	19.06	202	1837534	15.200	ng/ul	98
79) Pyrene	19.43	202	2818745	24.387	ng/ul	96
82) Benzo(a)anthracene	21.25	228	786552	7.043	ng/ul	97
84) Chrysene	21.25	228	786676	7.590	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	386488	4.032	ng/ul	96
88) Benzo(k)fluoranthene	22.77	252	386488	4.222	ng/ul	97
90) Benzo(a)pyrene	23.32	252	259121	2.876	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	133325	1.339	ng/ul	96
93) Benzo(g,h,i)perylene	26.27	276	118273	1.436	ng/ul	95

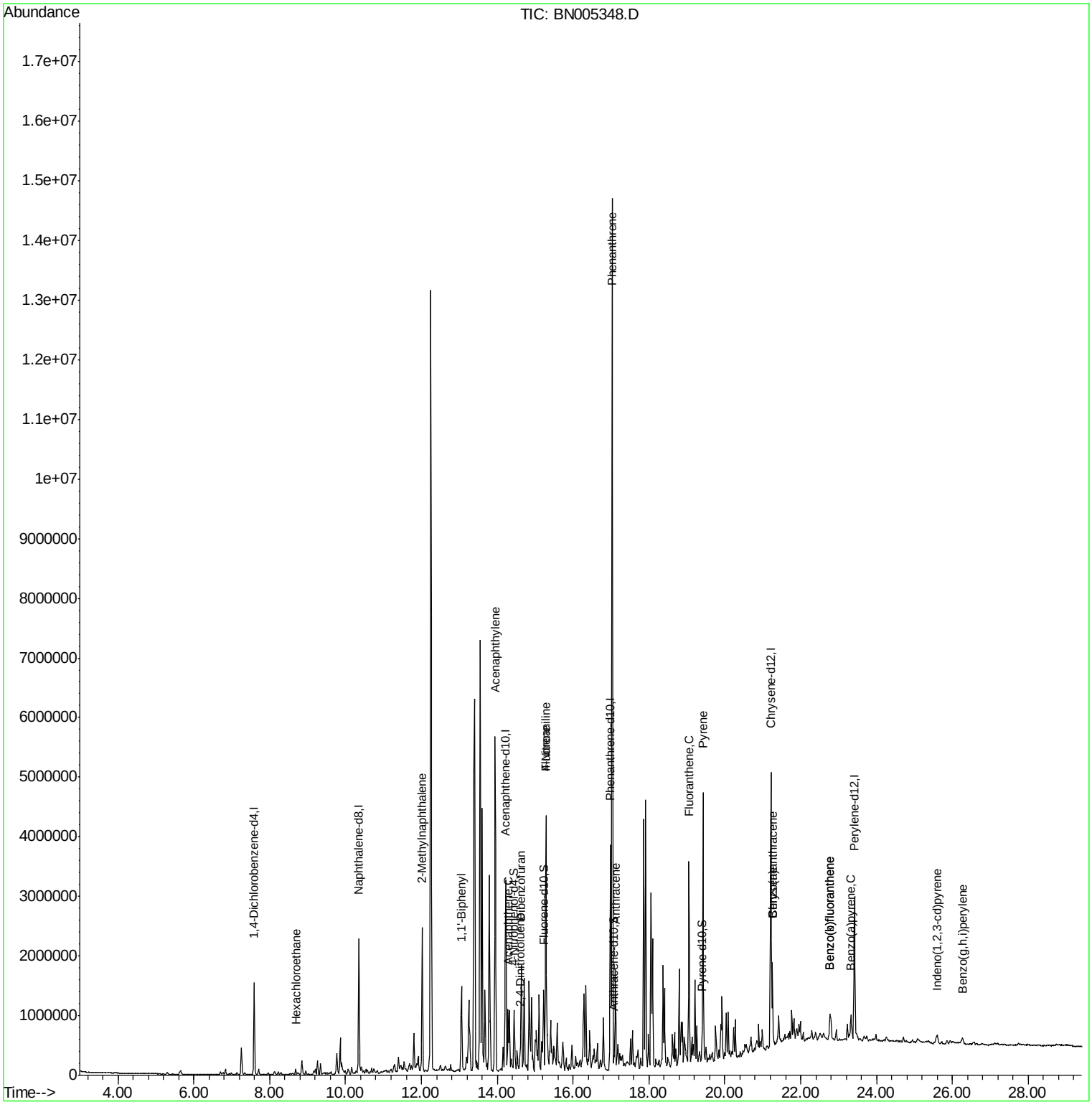
(#) = qualifier out of range (m) = manual integration (+) = signals summed

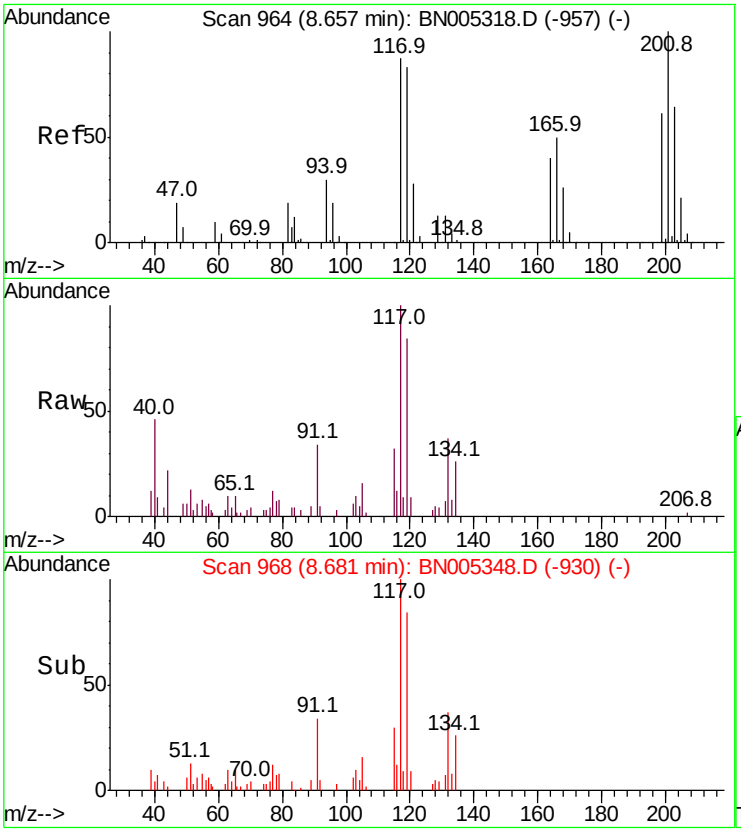
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
Data File : BN005348.D
Acq On : 27 Apr 2019 09:43
Operator : JU/SJ
Sample : K2481-15DL 30X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 29 02:24:08 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



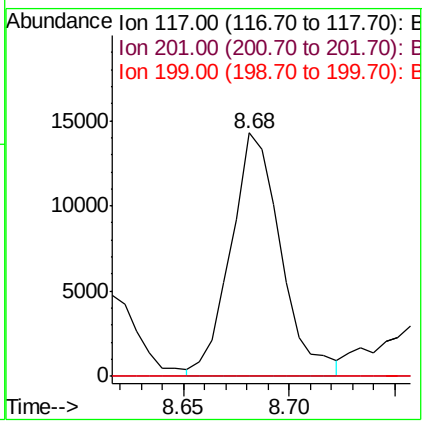


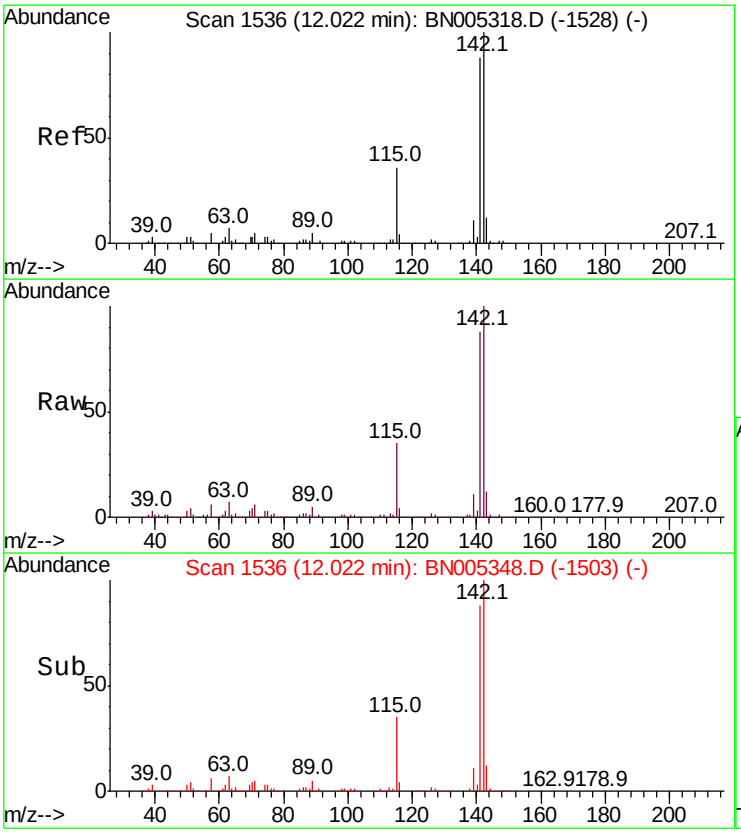
#17
Hexachloroethane
Concen: 2.140 ng/ul
RT: 8.68 min Scan# 968
Delta R.T. 0.02 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:117 Resp: 23481

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

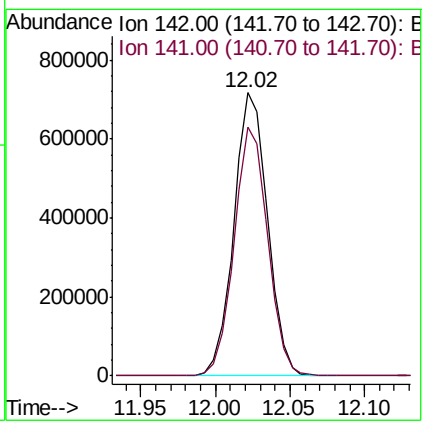


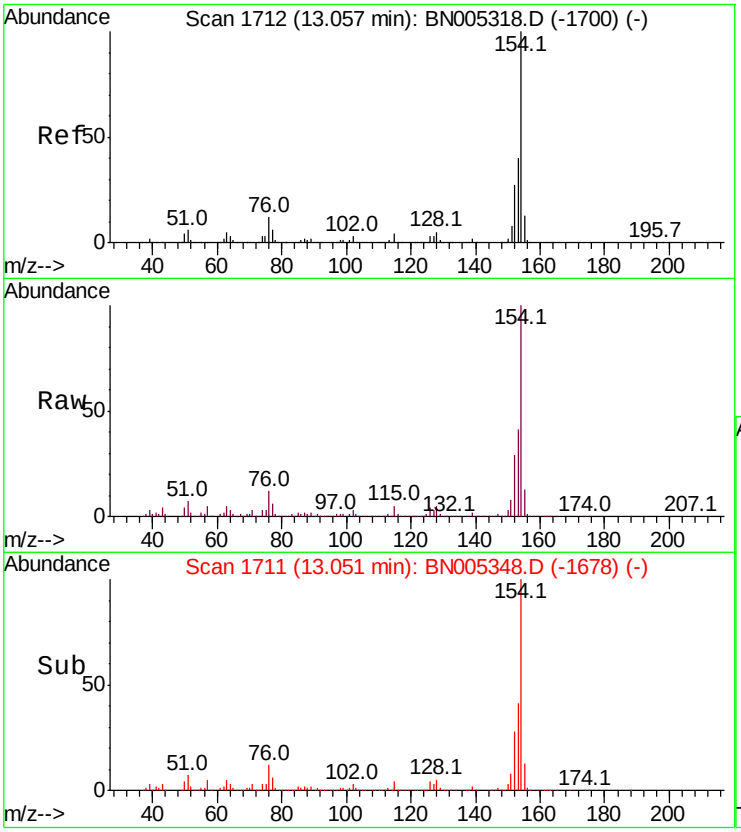


#34
2-Methylnaphthalene
Concen: 19.130 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:142 Resp: 1121030

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.0	108.0



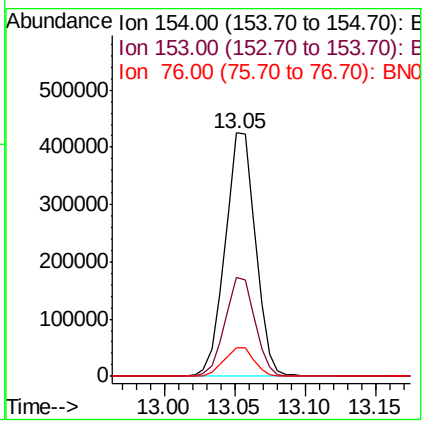


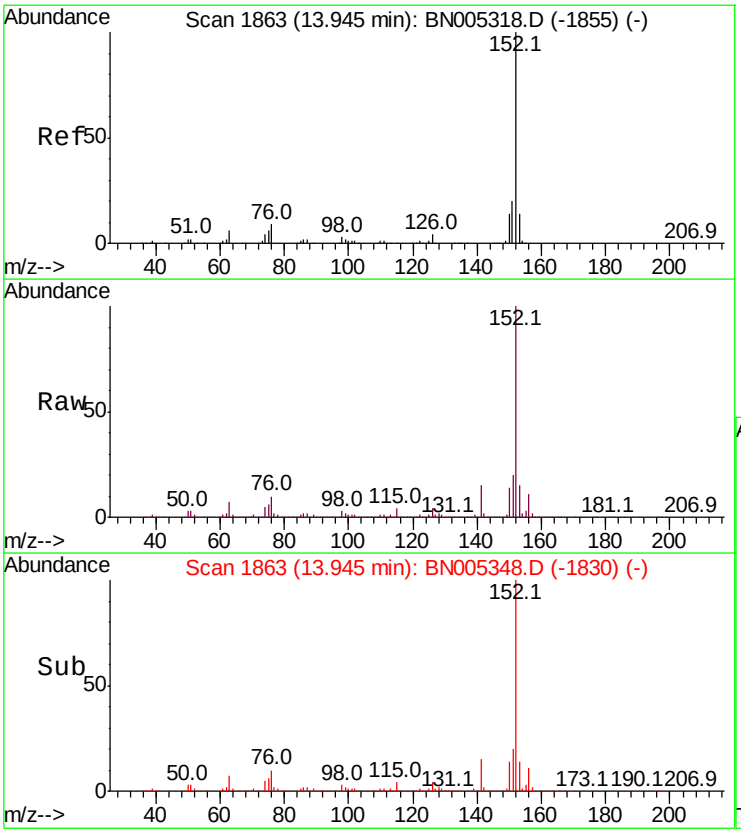
#40
1,1'-Biphenyl
Concen: 8.472 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 638824

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	49.0
76	11.8	10.4	15.6

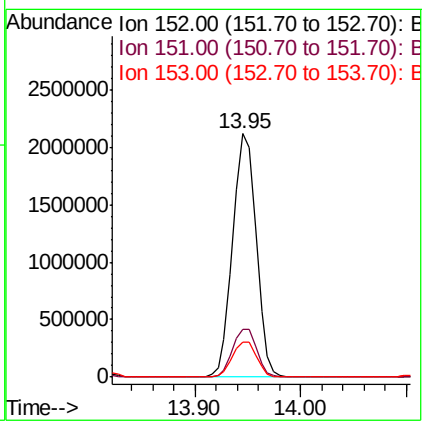


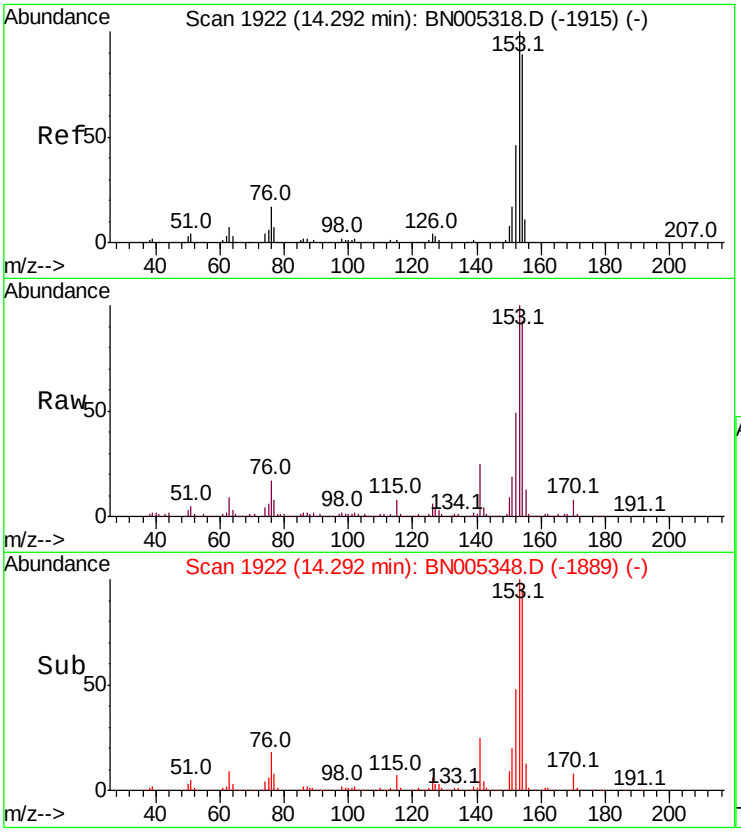


#47
Acenaphthylene
Concen: 36.791 ng/ul
RT: 13.95 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:152 Resp: 3262373

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	14.5	9.8	14.8



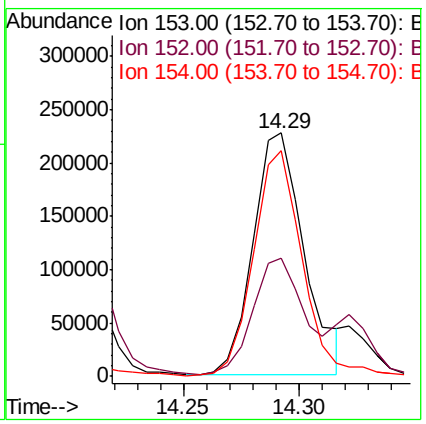


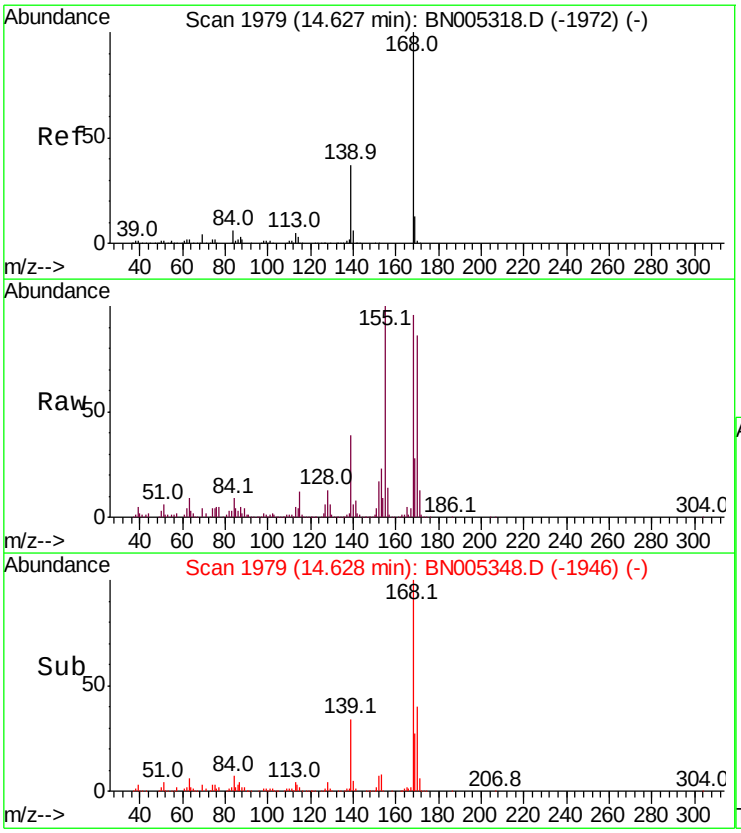
#49
Acenaphthene
Concen: 5.745 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 347809

Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.4	56.0
154	92.6	71.2	106.8

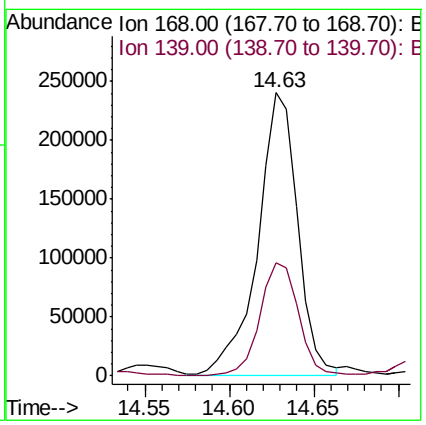


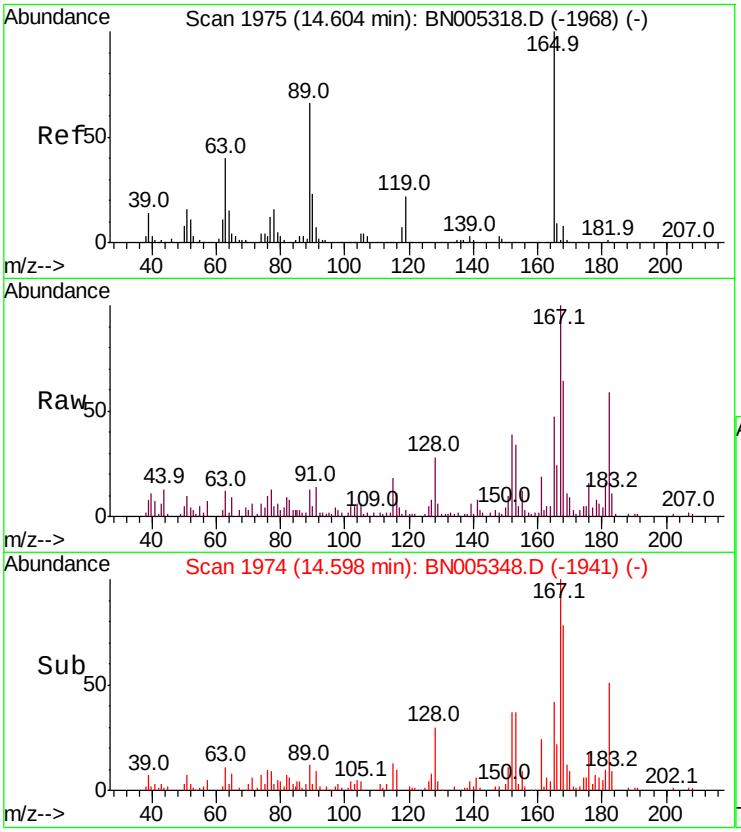


#53
Dibenzofuran
Concen: 4.521 ng/ul
RT: 14.63 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:168 Resp: 394014

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.9	46.3



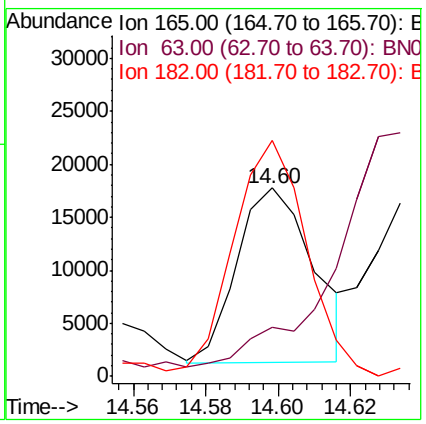


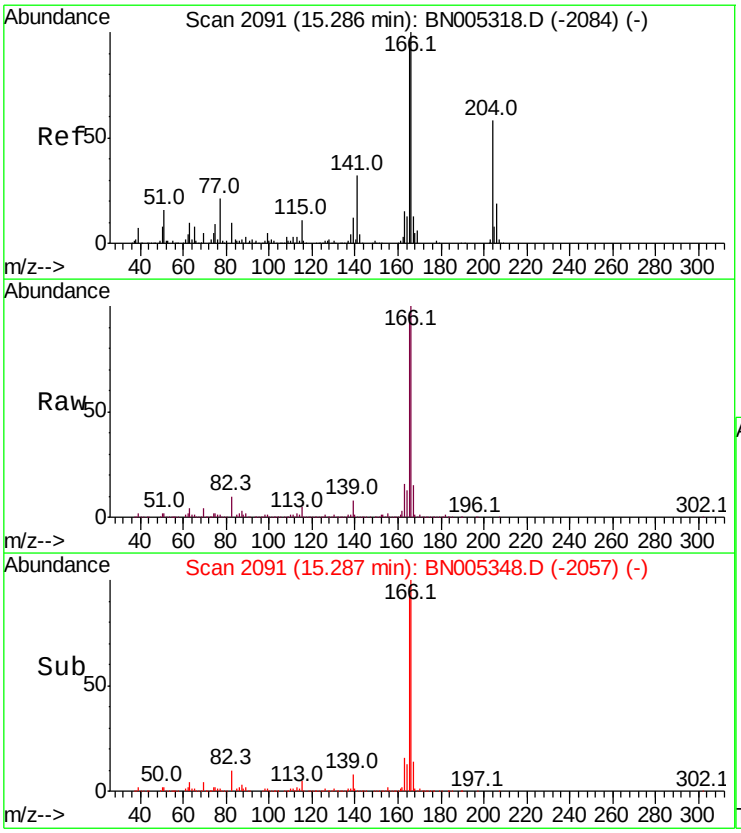
#54
2,4-Dinitrotoluene
Concen: 1.324 ng/ul
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 24123

Ion	Ratio	Lower	Upper
165	100		
63	26.2	38.9	58.3#
182	125.7	2.6	3.8#

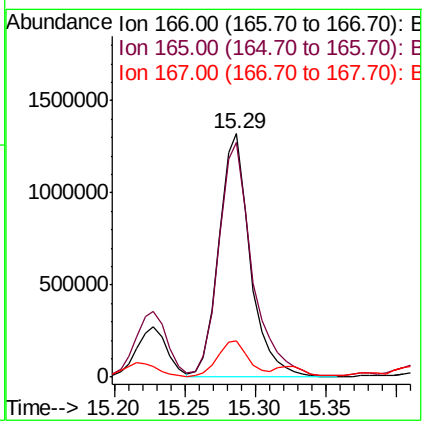


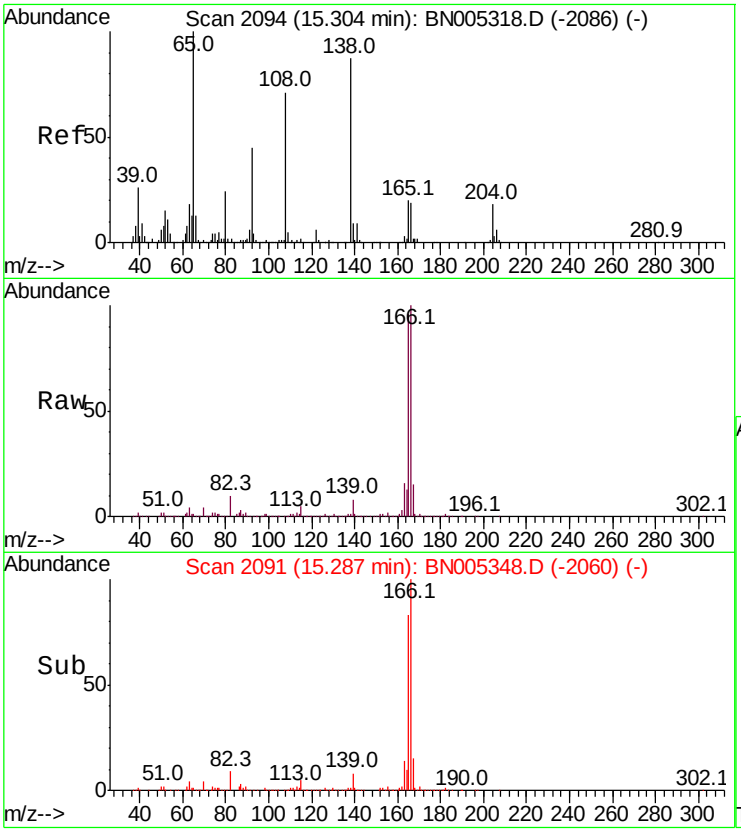


#58
Fluorene
Concen: 29.661 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:166 Resp: 2017252

Ion	Ratio	Lower	Upper
166	100		
165	96.2	80.0	120.0
167	14.8	10.7	16.1



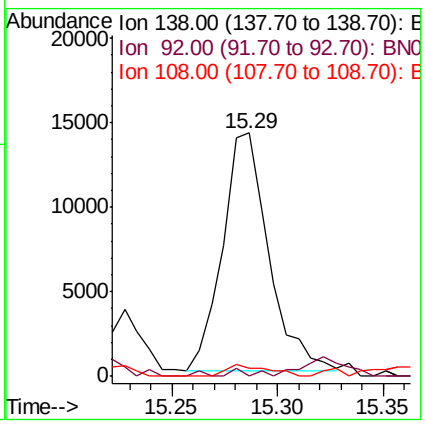


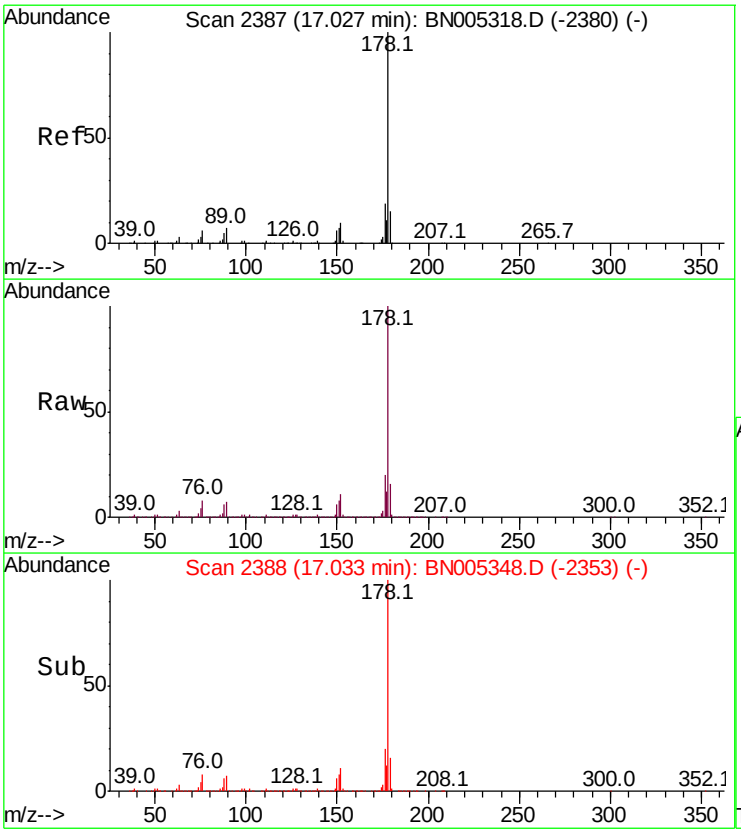
#60
4-Nitroaniline
Concen: 1.461 ng/ul
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:138 Resp: 21405

Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.3	67.9#
108	3.1	73.2	109.8#

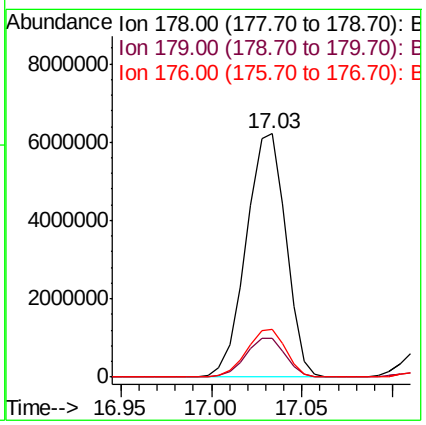


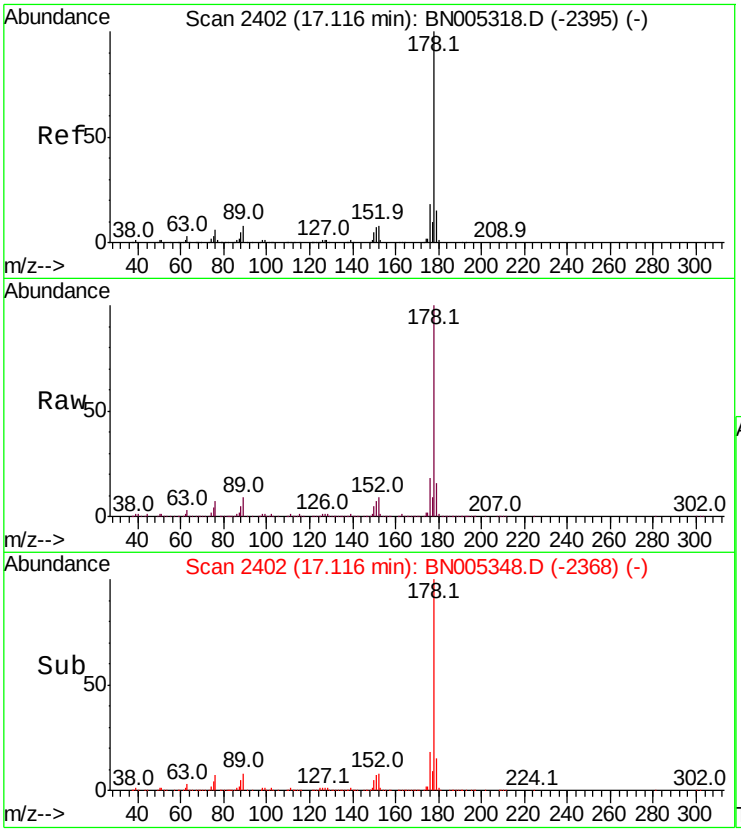


#69
Phenanthrene
Concen: 86.881 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:178 Resp: 9468836

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	19.5	15.1	22.7



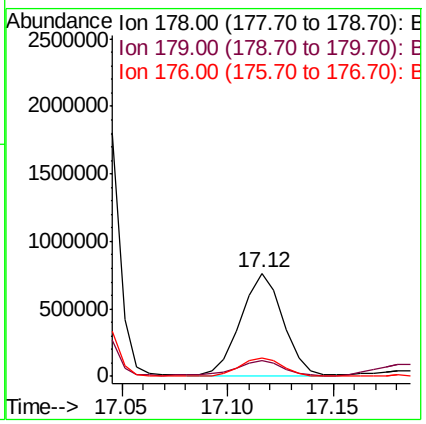


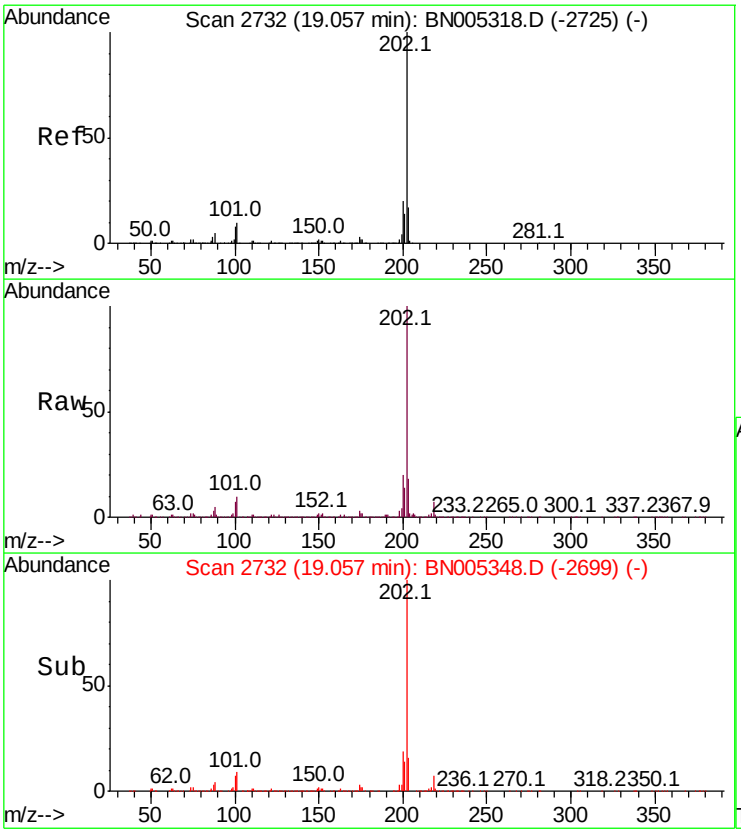
#71
Anthracene
Concen: 9.463 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1050667

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.2	15.1	22.7

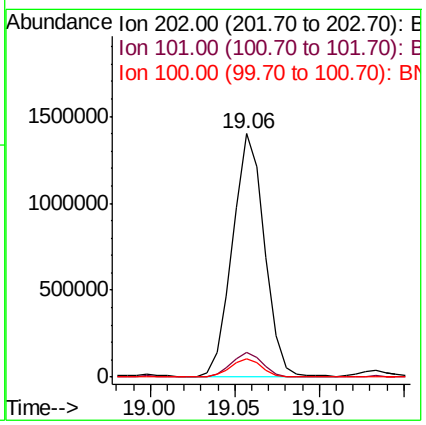


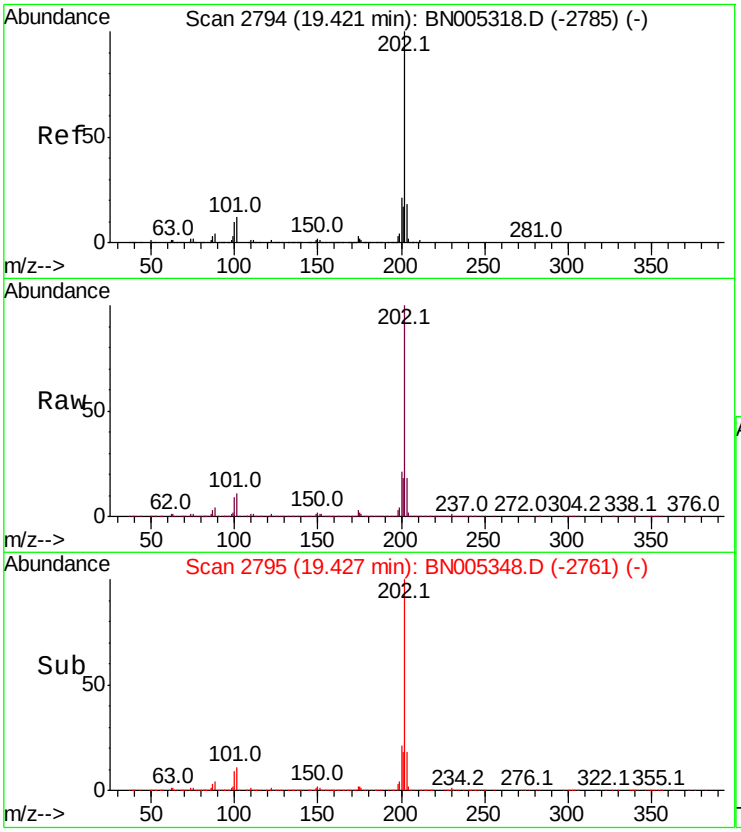


#76
Fluoranthene
Concen: 15.200 ng/ul
RT: 19.06 min Scan# 2732
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:202 Resp: 1837534

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



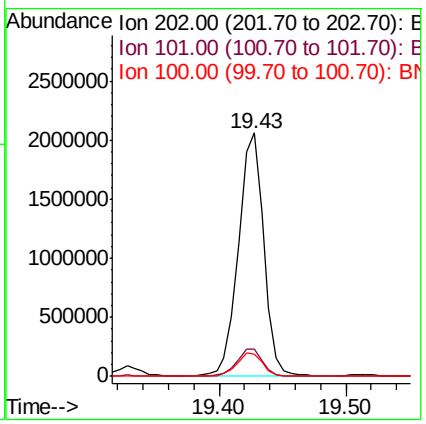


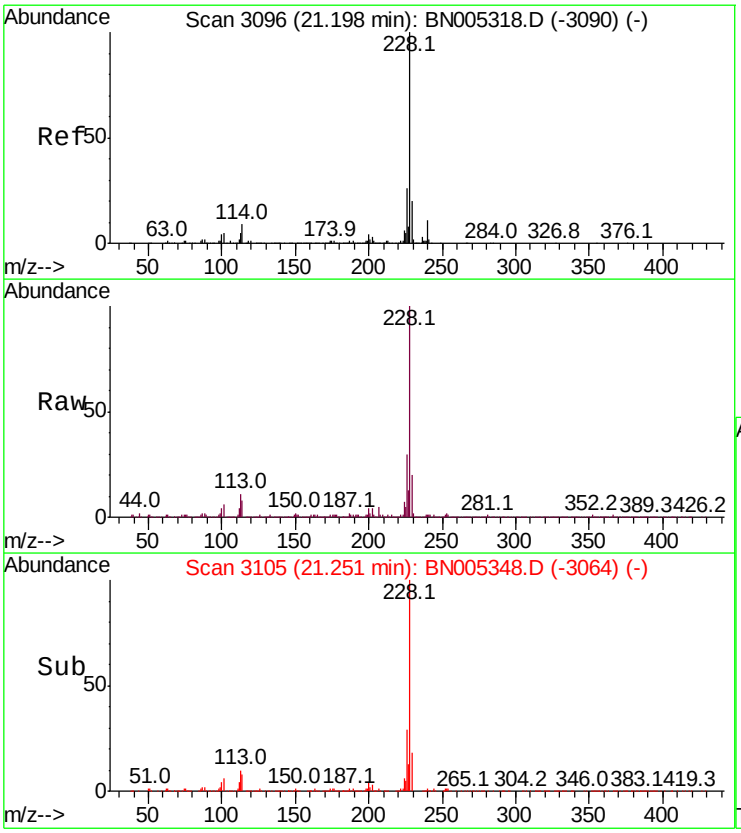
#79
Pyrene
Concen: 24.387 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2818745

Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.3	15.5
100	9.2	7.9	11.9

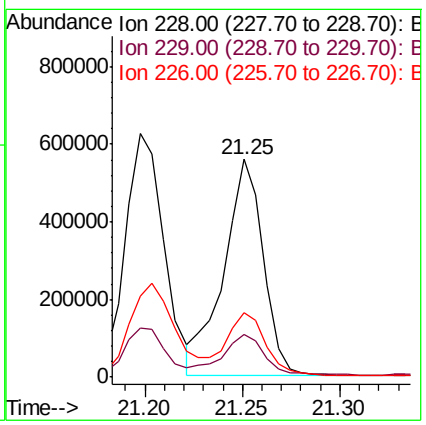


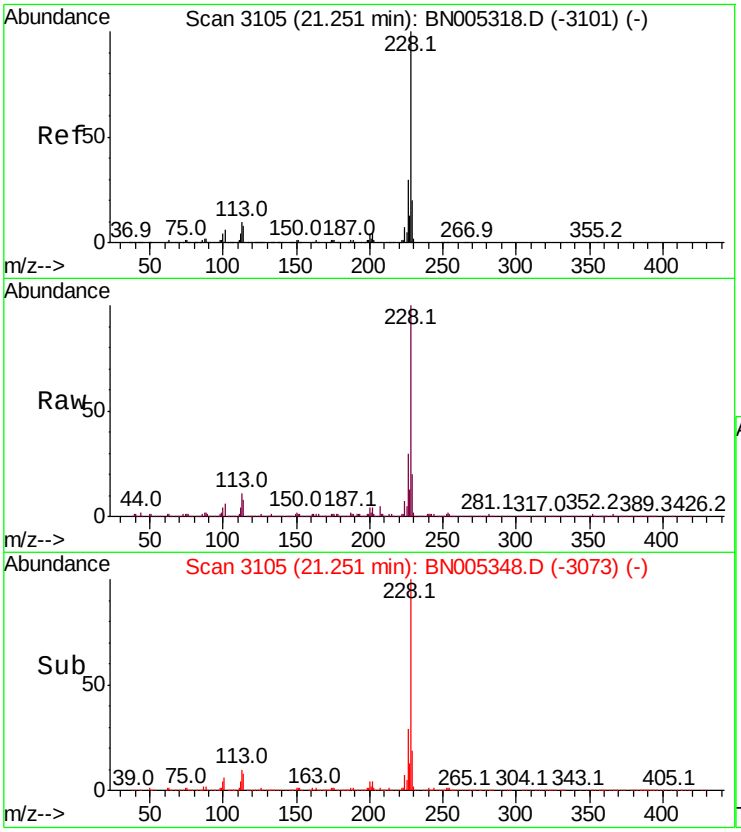


#82
Benzo(a)anthracene
Concen: 7.043 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.04 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:228 Resp: 786552

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	29.6	21.4	32.2



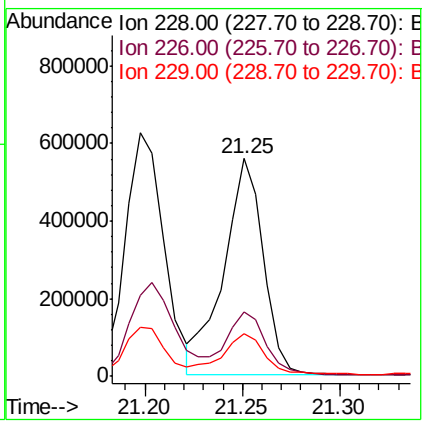


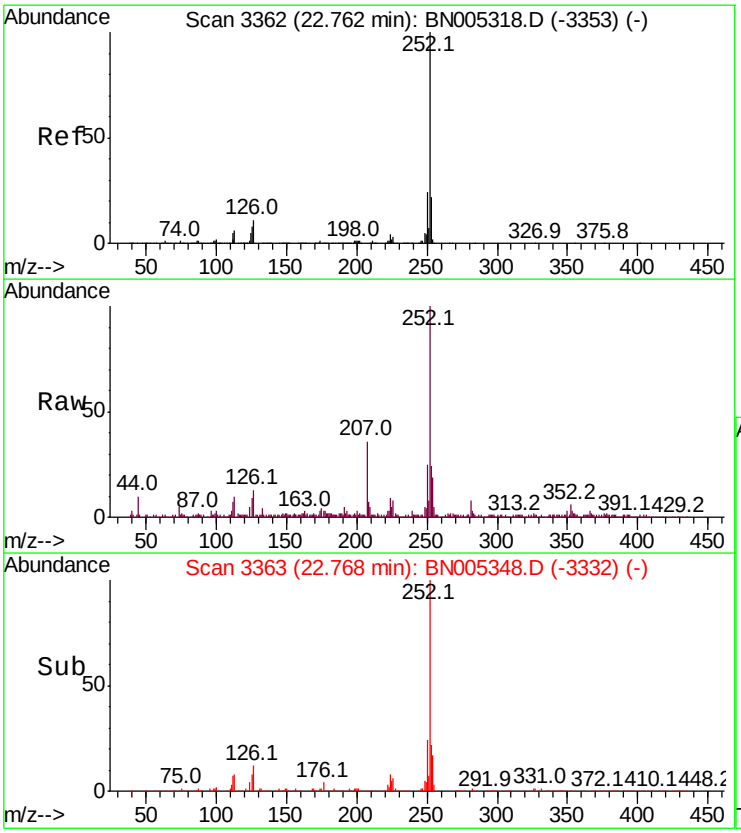
#84
Chrysene
Concen: 7.590 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 786676

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.7	15.4	23.0

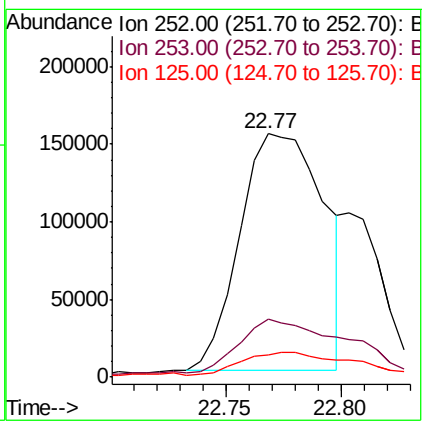


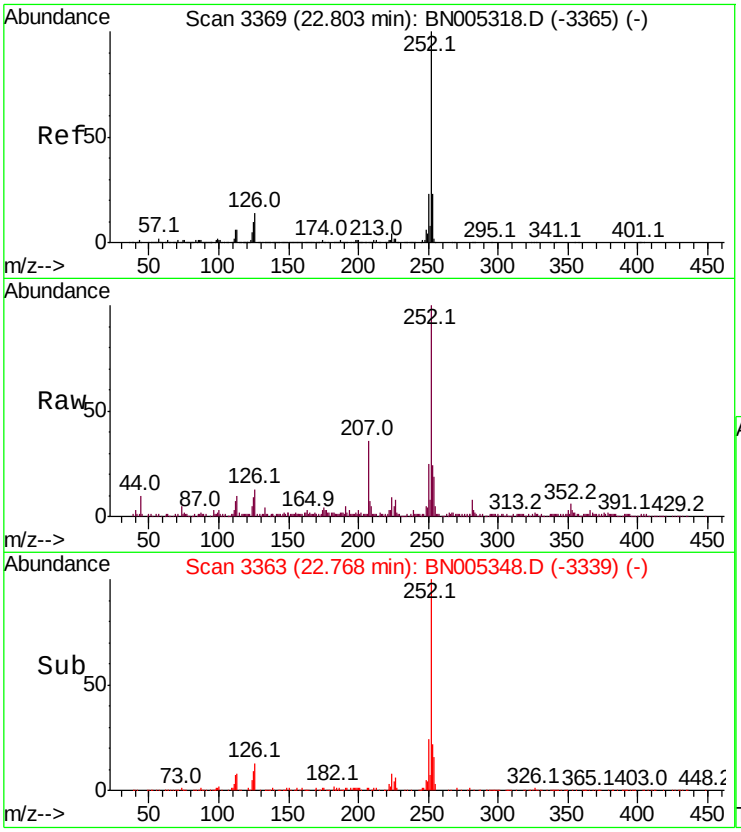


#87
Benzo(b)fluoranthene
Concen: 4.032 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.02 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:252 Resp: 386488

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	9.3	8.4	12.6



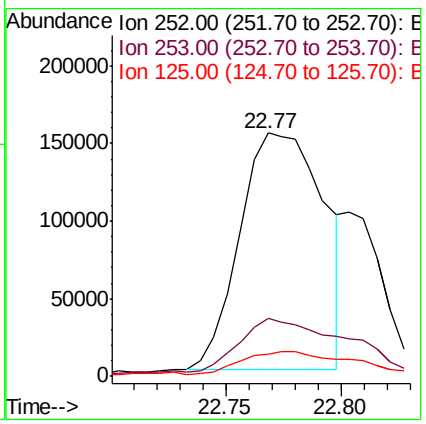


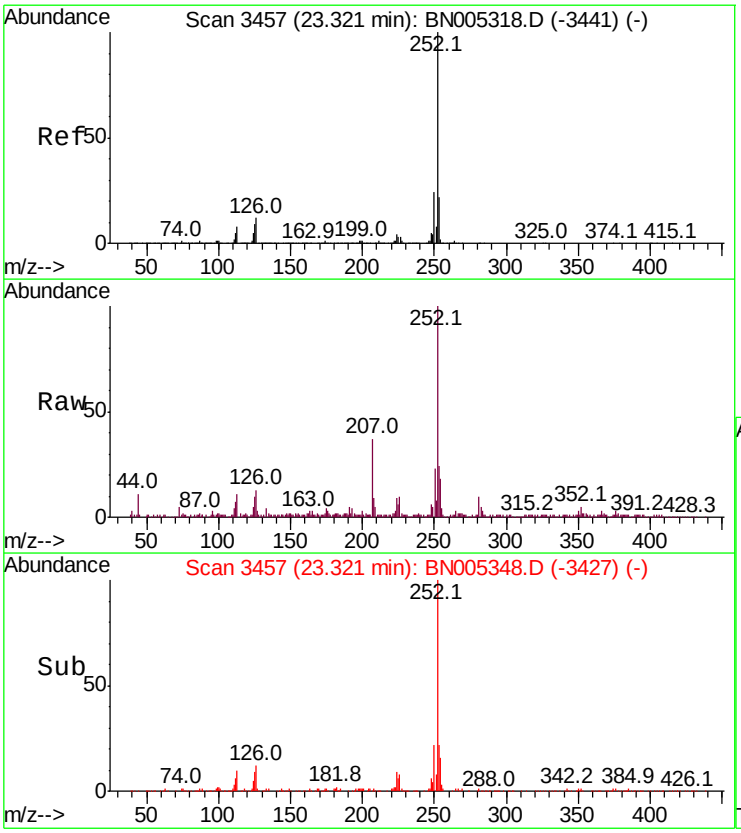
#88
Benzo(k)fluoranthene
Concen: 4.222 ng/ul
RT: 22.77 min Scan# 3363
Delta R.T. -0.06 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 386488

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	9.3	7.5	11.3

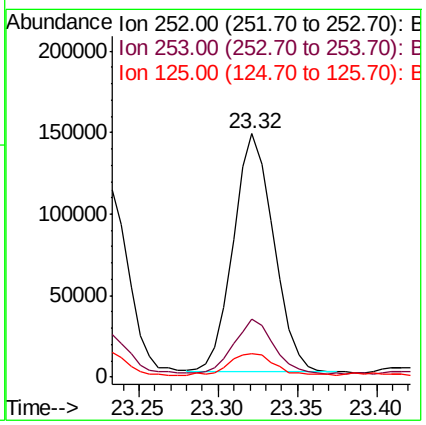


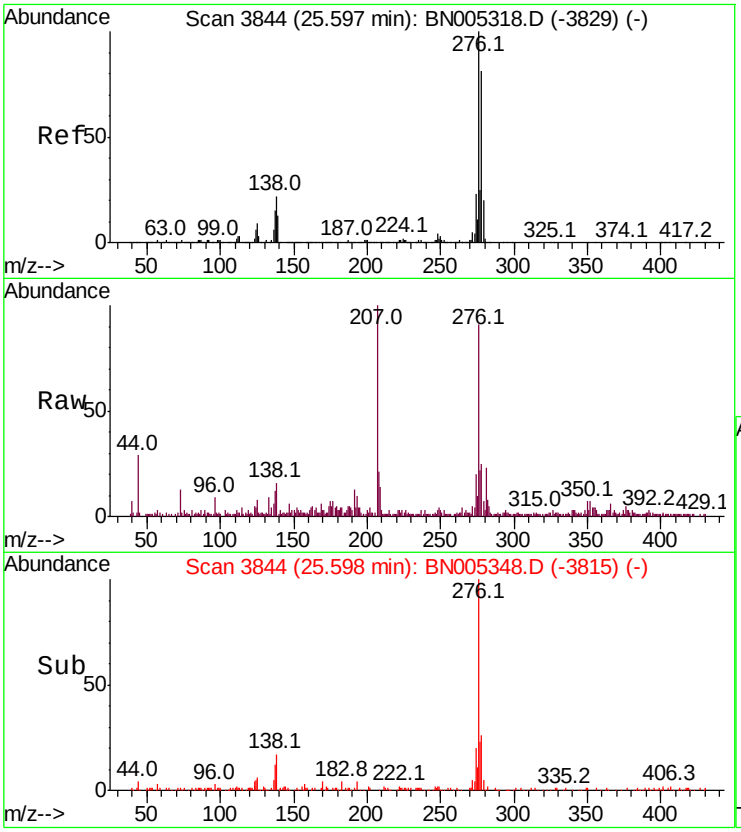


#90
Benzo(a)pyrene
Concen: 2.876 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.02 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:252 Resp: 259121

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	9.8	8.6	13.0



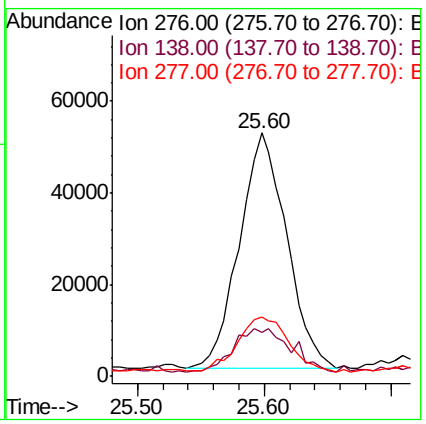


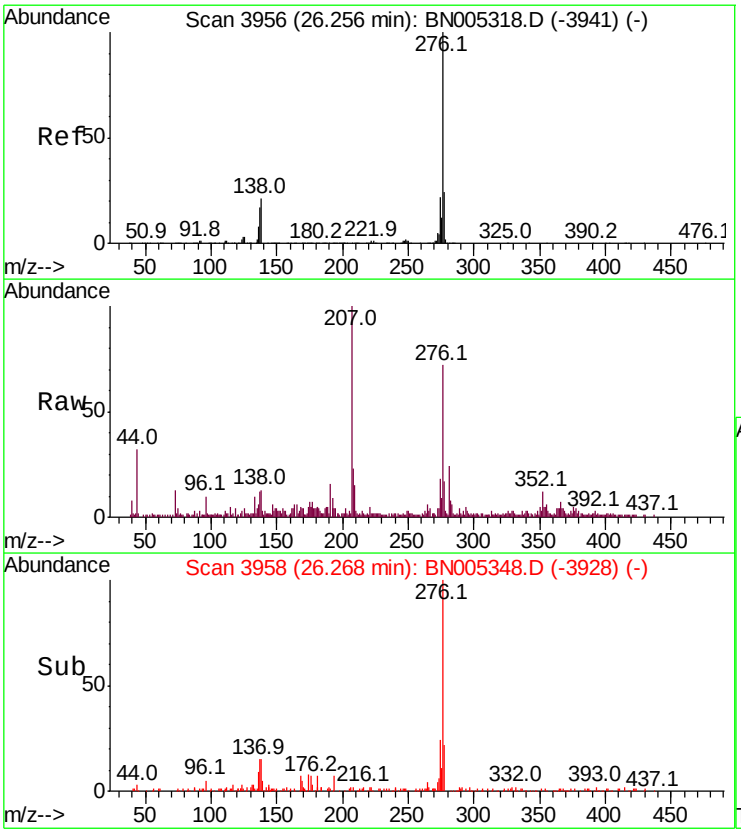
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.339 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.03 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 133325

Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.9	26.9
277	24.5	19.7	29.5





#93
Benzo(g,h,i)perylene
Concen: 1.436 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BN005348.D
Acq: 27 Apr 2019 09:43

Tgt Ion:276 Resp: 118273

Ion	Ratio	Lower	Upper
276	100		
138	17.5	16.7	25.1
277	23.9	18.2	27.2