Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	592058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2523554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1649042	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3470082	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	3146521	20.00	ng/ul	0.02
85) Perylene-d12	23.39	264	3881580	20.00	ng/ul	-0.10
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	43806	2.81	ng/uL	0.00
5) Phenol-d5	6.88	99	1034903	18.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	554709	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	749022	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	794339	18.49	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	349526	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	344245	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	777568	18.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	373473	7.01	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	2413503	18.39	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	2792020	18.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	314136	13.46	ng/ul	0.00
57) Fluorene-d10	15.32	176	2146399	18.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	96223	5.14	ng/ul	0.00
70) Anthracene-d10	17.17	188	3200194	18.53	ng/ul	0.00
78) Pyrene-d10	19.48	212	3710174	21.89	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.39	264	3878445	19.20	ng/ul	0.04
Target Compounds						Qvalue
4) Benzaldehyde	6.86	77	111861	3.536	ng/ul	98
6) Phenol	6.90	94	208313	3.401	ng/ul	95
14) Acetophenone	8.52	105	424089	6.099	ng/ul	98
28) Naphthalene	10.52	128	601945	4.230	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	253817	2.470	ng/ul	99
44) Dimethylphthalate	13.79	163	665003	4.972	ng/ul	100
49) Acenaphthene	14.39	153	2455170	22.048	ng/ul	99
53) Dibenzofuran	14.73	168	1320303	8.174	ng/ul	100
58) Fluorene	15.38	166	1379598	10.614	ng/ul	99
69) Phenanthrene	17.21	178	8244397	40.063	ng/ul	98
71) Anthracene	17.21	178	8230567	39.960	ng/ul	99
74) Carbazole	17.47	167	7463517	42.842	ng/ul	98
79) Pyrene	19.41	202	260994	1.246	ng/ul#	87
82) Benzo(a)anthracene	21.30	228	808884	3.608	ng/ul#	78
84) Chrysene	21.30	228	808884	3.878	ng/ul#	83
87) Benzo(b)fluoranthene	22.77	252	410015	1.633	ng/ul#	1
88) Benzo(k)fluoranthene	22.77	252	410015	1.681	ng/ul#	1
90) Benzo(a)pyrene	23.22	252	1854324	7.641	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	25.59	276	795163	2.789	ng/ul#	65
92) Dibenzo(a,h)anthracene	25.45	278	6240545	26.240	ng/ul	94

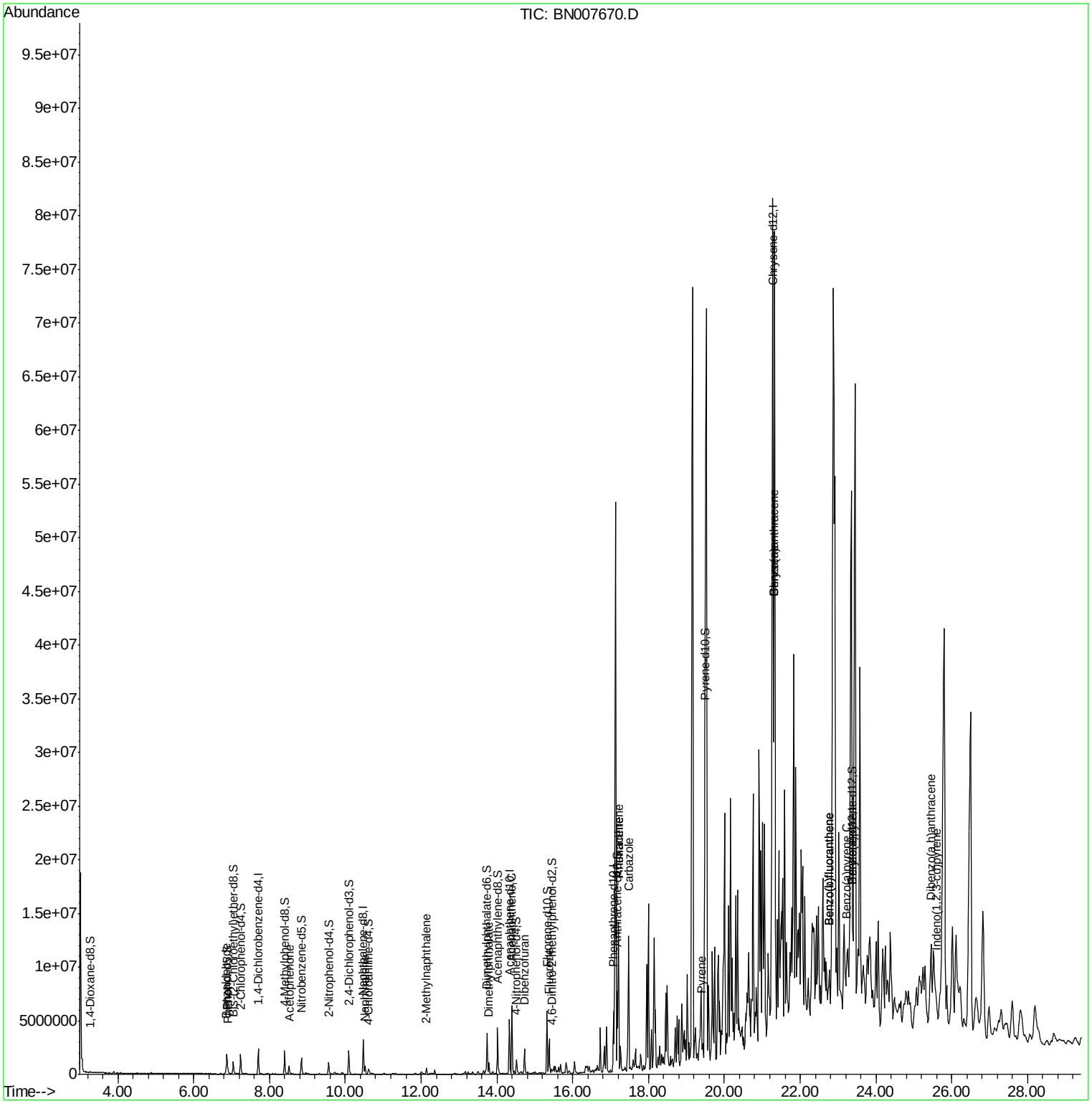
(#) = qualifier out of range (m) = manual integration (+) = signals summed

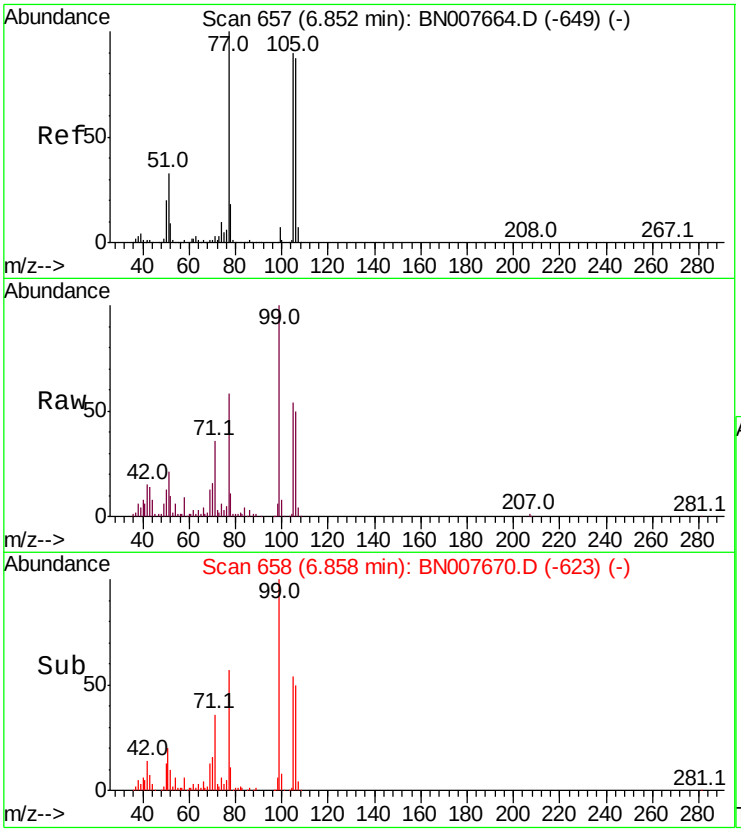
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007670.D
Acq On : 16 Sep 2019 17:27
Operator : HP/JU
Sample : K4634-09ME
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 17 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration



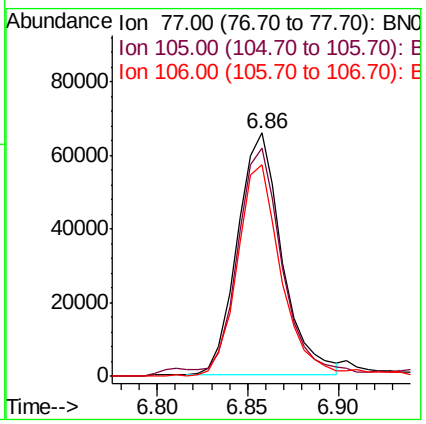


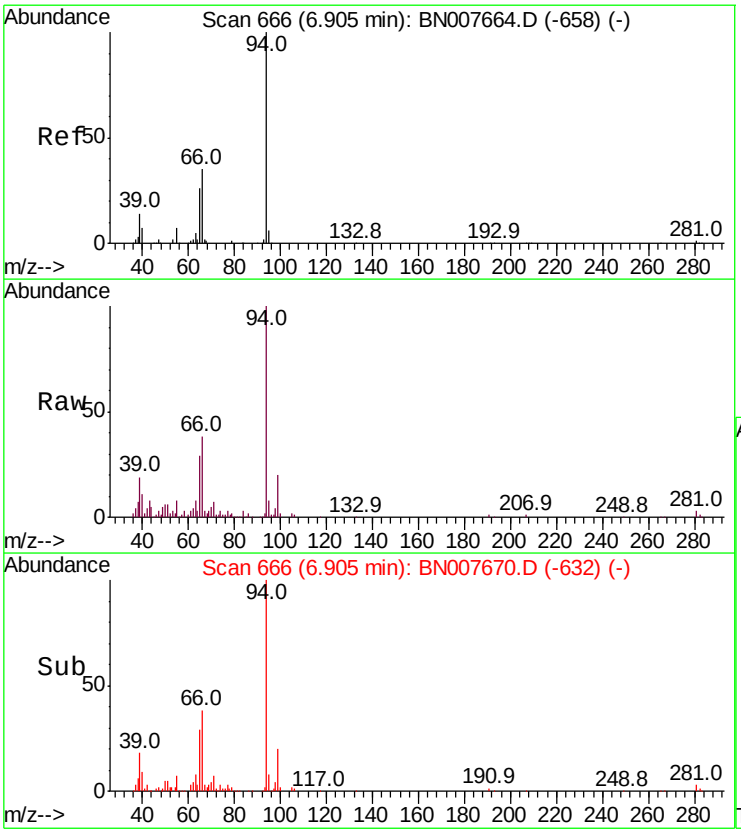
#4
Benzaldehyde
Concen: 3.536 ng/ul
RT: 6.86 min Scan# 658
Delta R.T. 0.01 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 111861

Ion	Ratio	Lower	Upper
77	100		
105	93.7	72.2	108.4
106	86.8	69.6	104.4

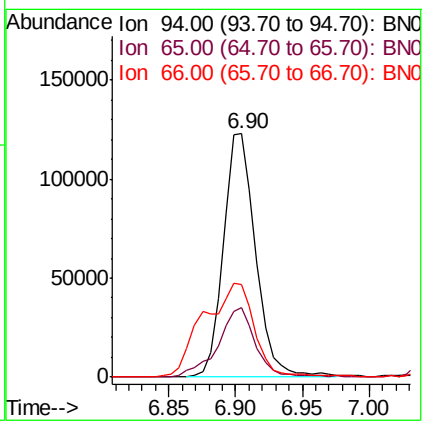


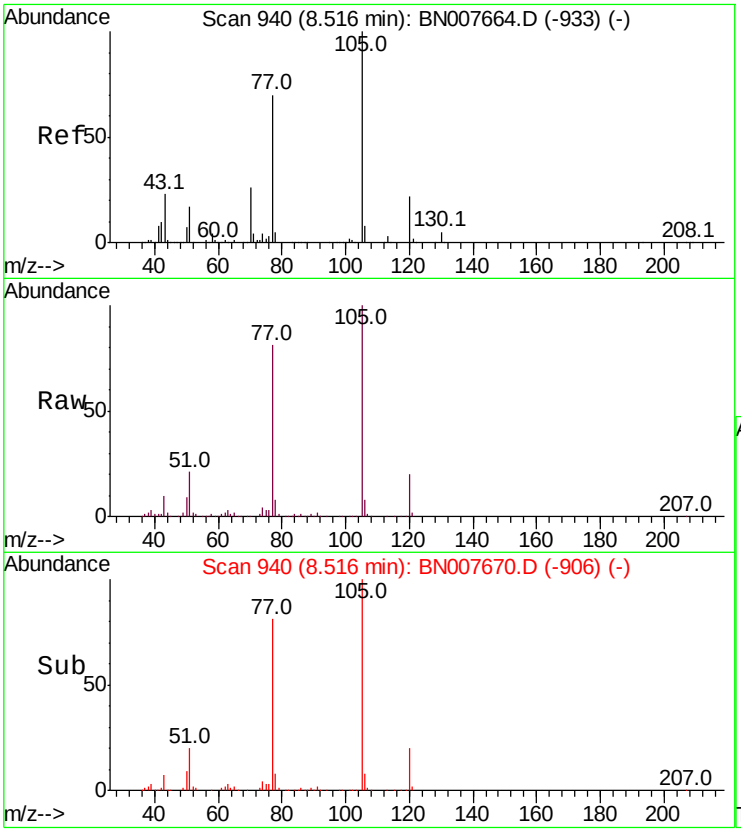


#6
Phenol
Concen: 3.401 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion: 94 Resp: 208313

Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.7	31.1
66	38.0	28.6	42.8



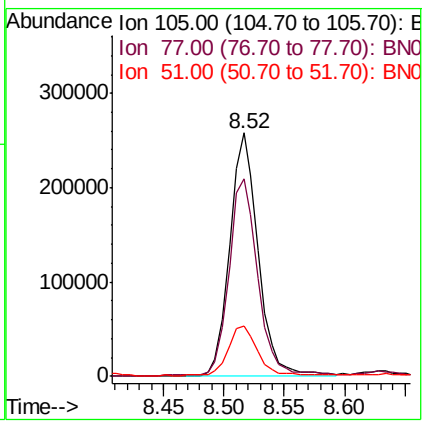


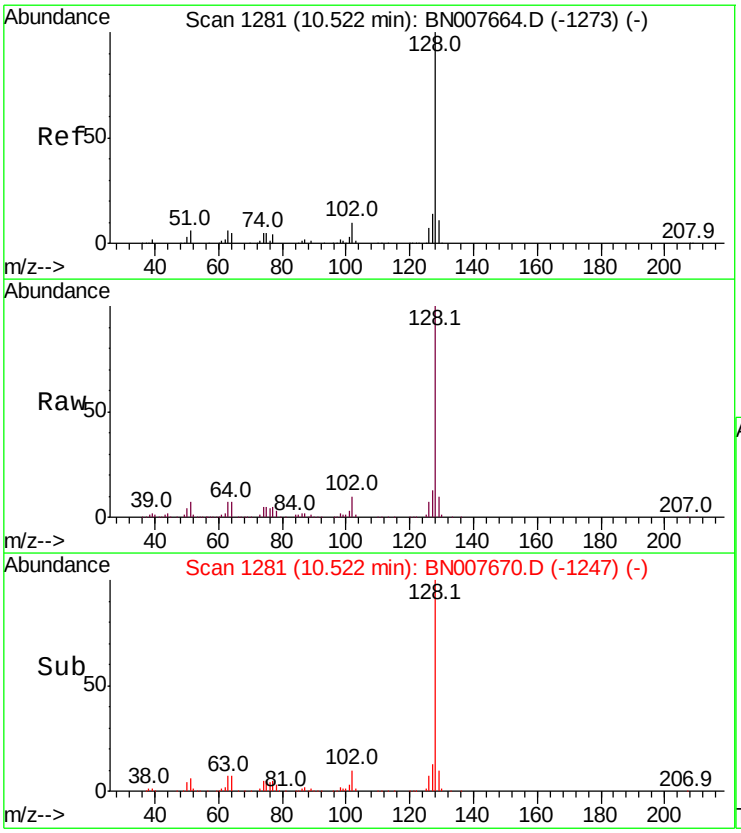
#14
Acetophenone
Concen: 6.099 ng/ul
RT: 8.52 min Scan# 940
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:105 Resp: 424089

Ion	Ratio	Lower	Upper
105	100		
77	81.0	66.5	99.7
51	20.7	16.3	24.5

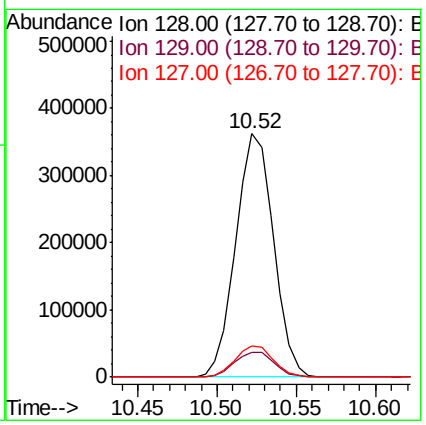


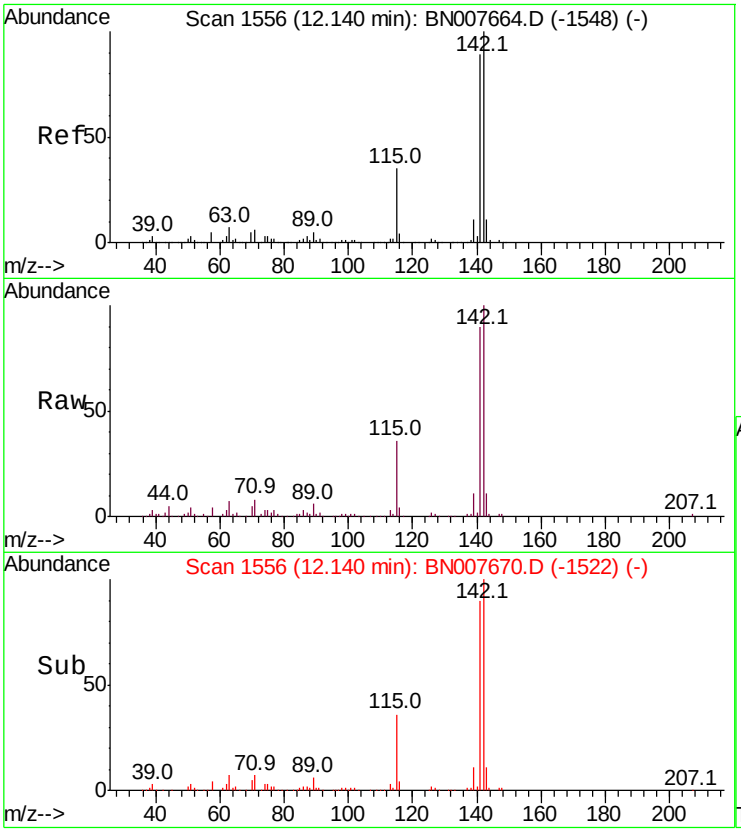


#28
Naphthalene
Concen: 4.230 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:128 Resp: 601945

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.4
127	12.9	11.0	16.4



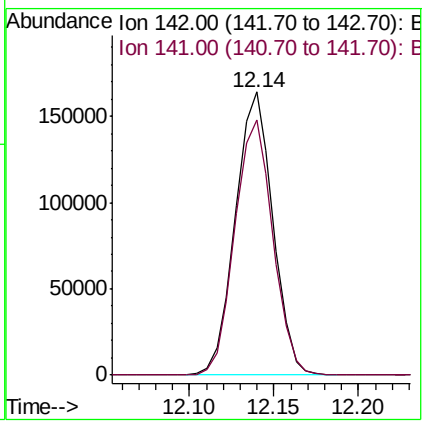


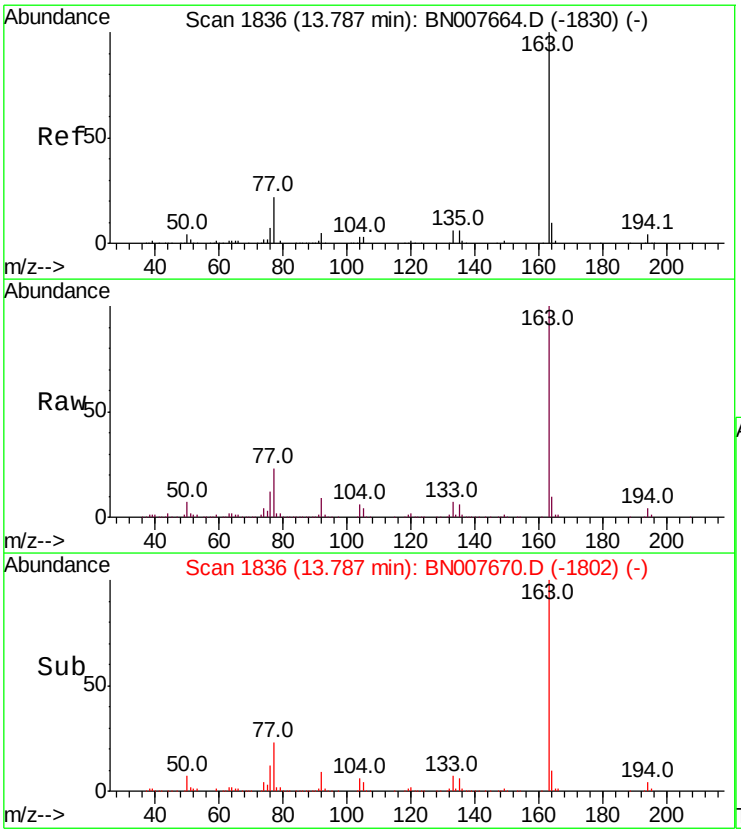
#34
2-Methylnaphthalene
Concen: 2.470 ng/ul
RT: 12.14 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 253817

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8

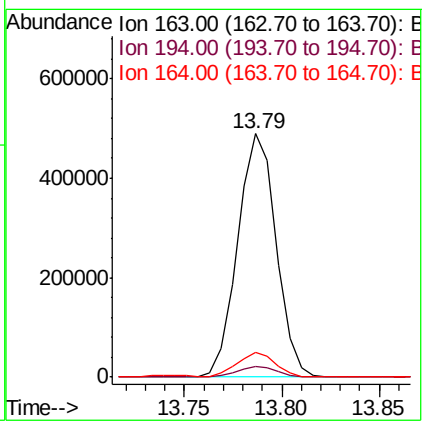


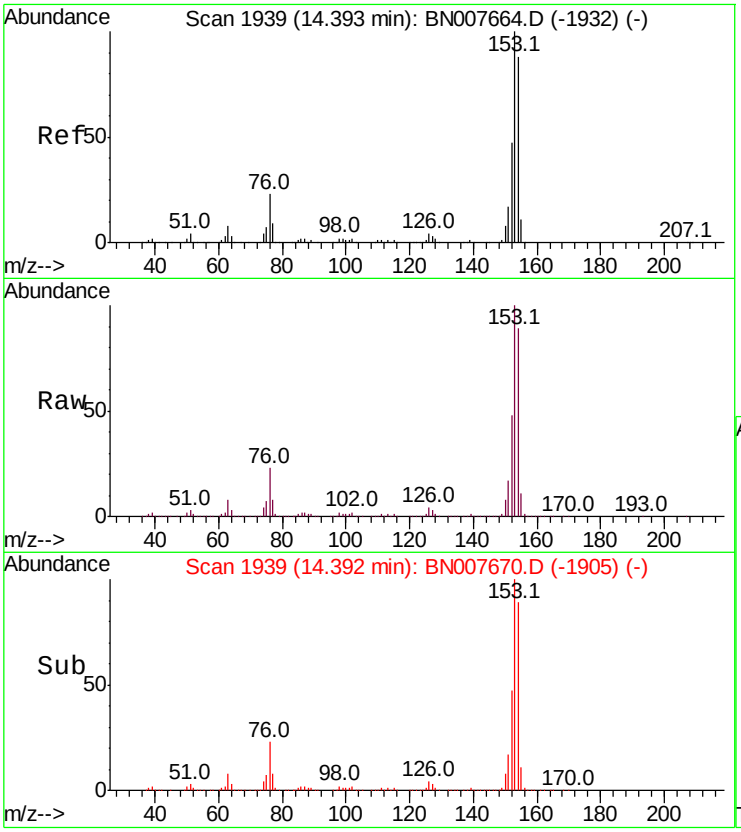


#44
Dimethylphthalate
Concen: 4.972 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:163 Resp: 665003

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.3	8.4	12.6



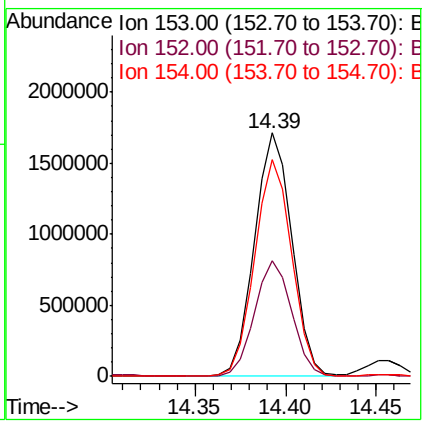


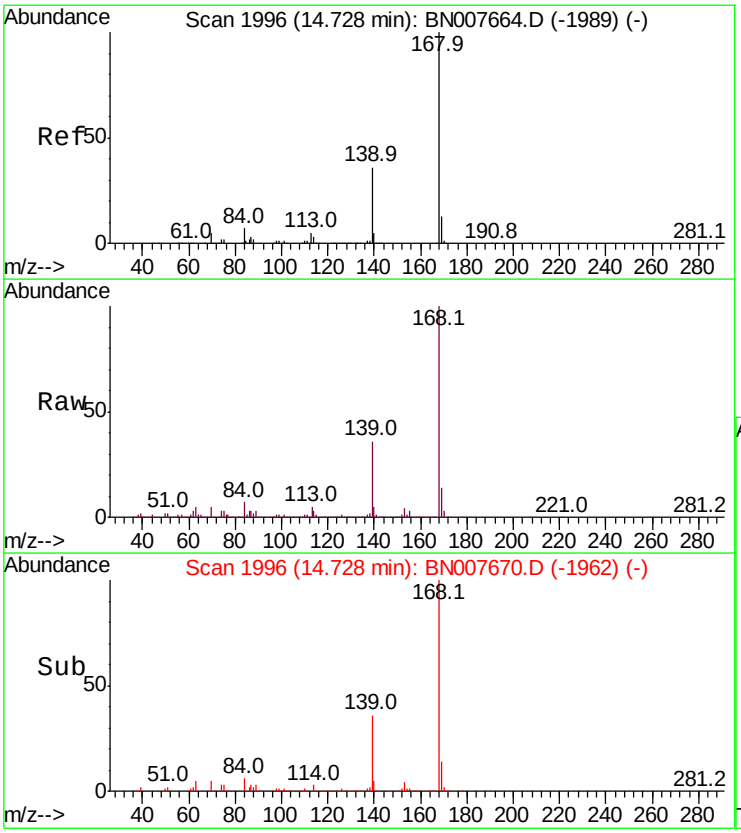
#49
Acenaphthene
Concen: 22.048 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 2455170

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.8	56.8
154	89.0	70.3	105.5

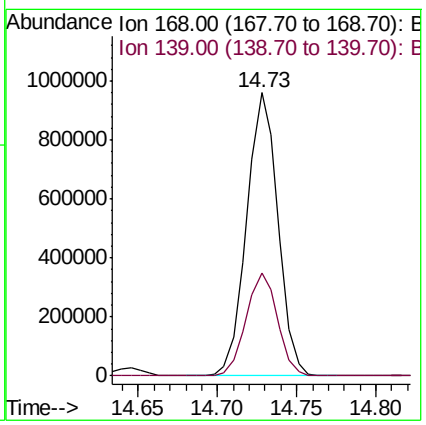


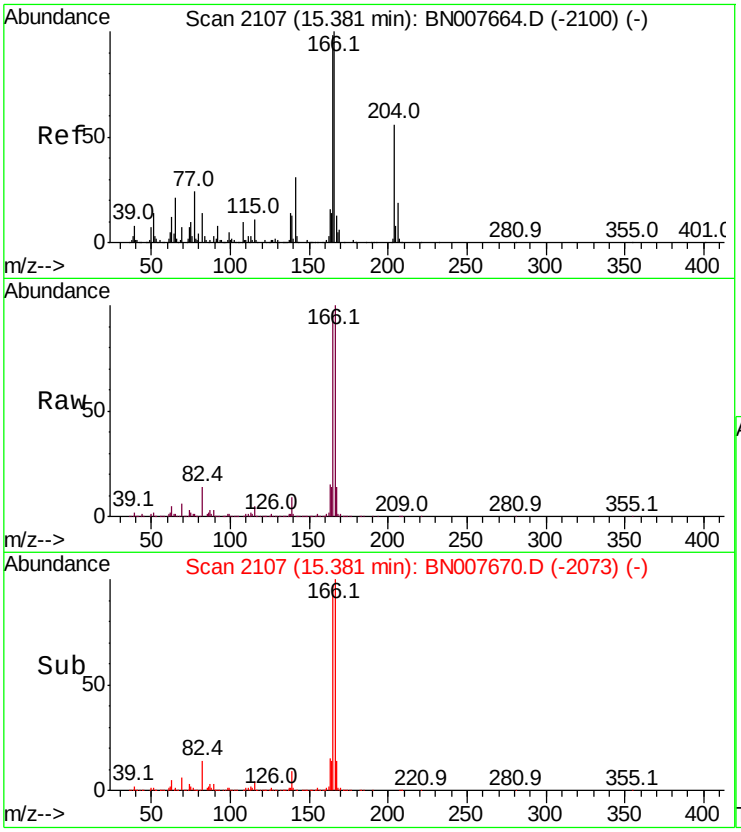


#53
Dibenzofuran
Concen: 8.174 ng/ul
RT: 14.73 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:168 Resp: 1320303

Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.1	43.7



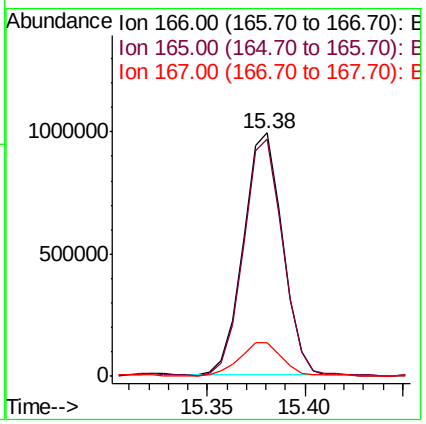


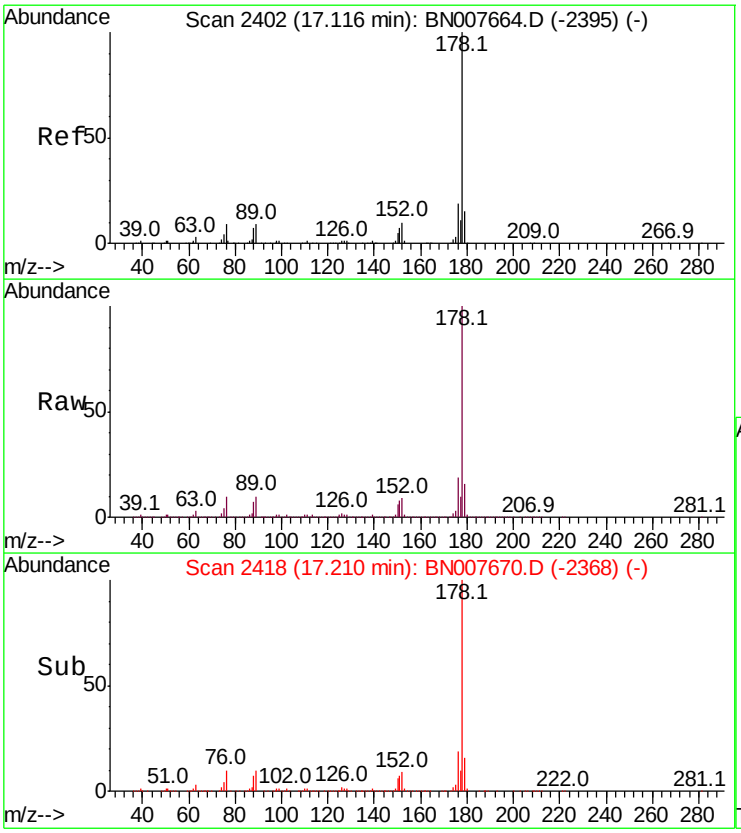
#58
Fluorene
Concen: 10.614 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 1379598

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	118.0
167	14.1	10.8	16.2

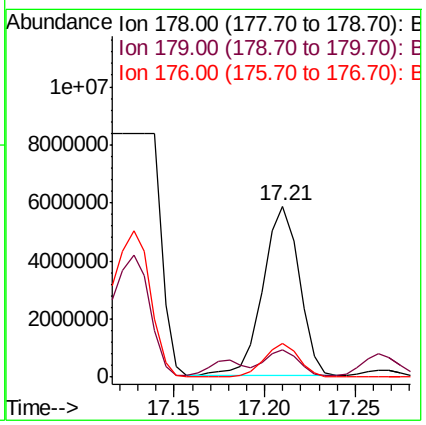


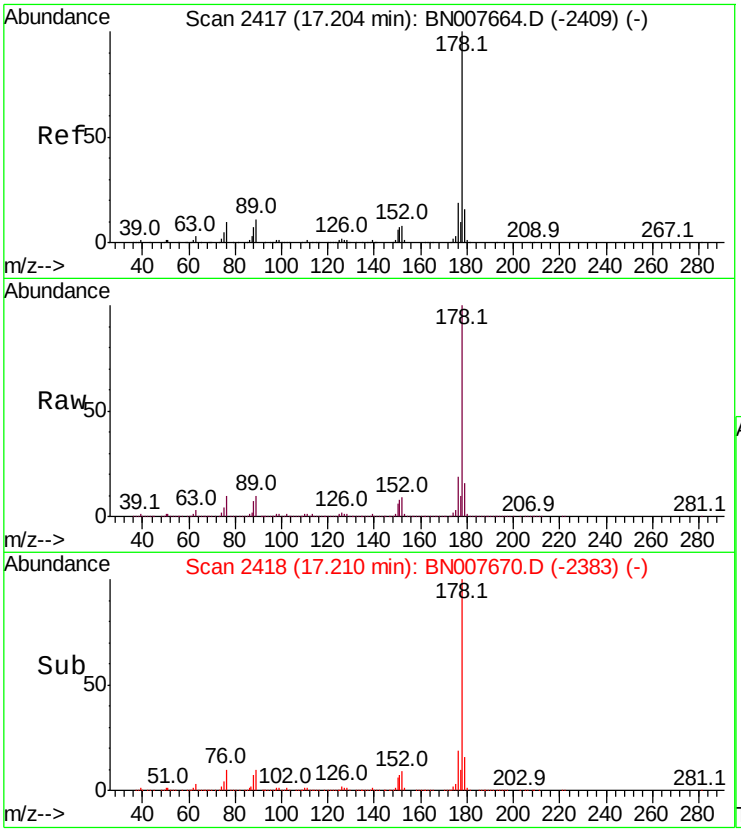


#69
Phenanthrene
Concen: 40.063 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. 0.09 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:178 Resp: 8244397

Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.9	17.9
176	19.4	15.2	22.8



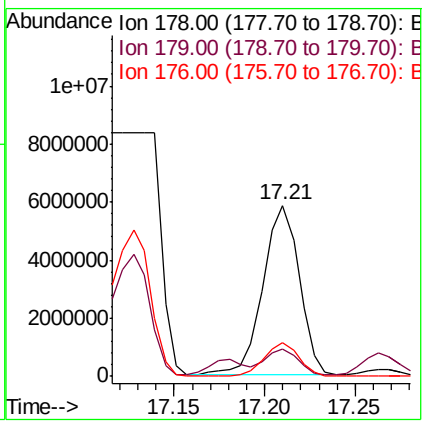


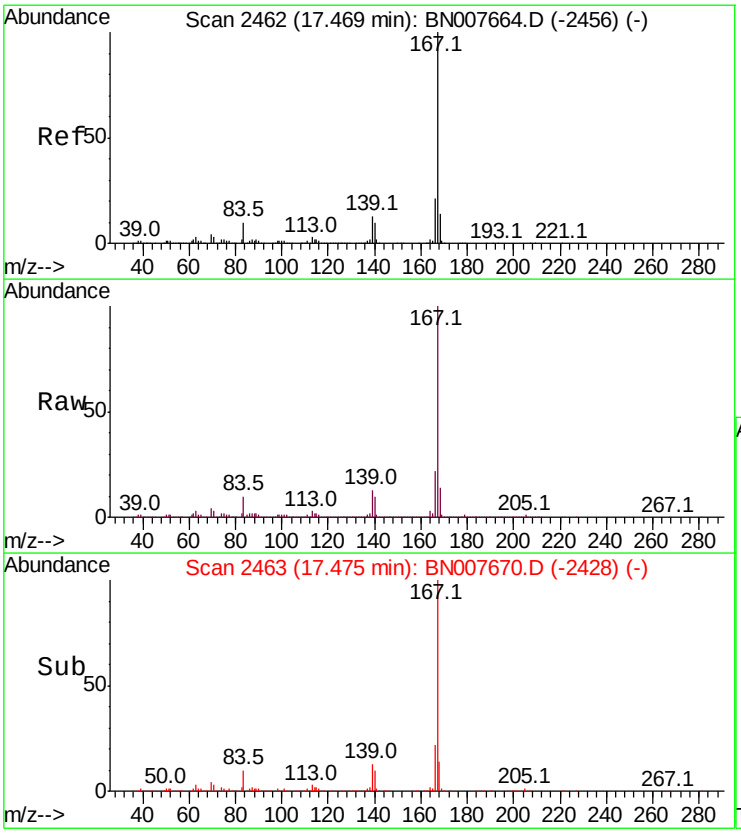
#71
Anthracene
Concen: 39.960 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8230567

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.7	19.1
176	19.4	15.1	22.7

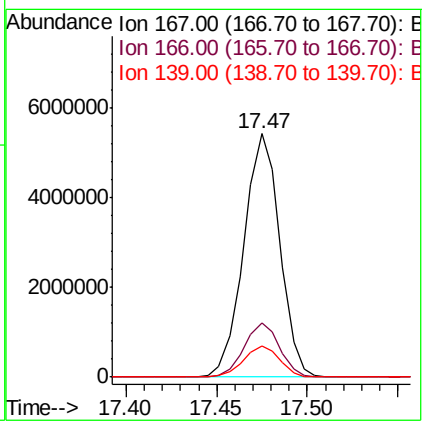


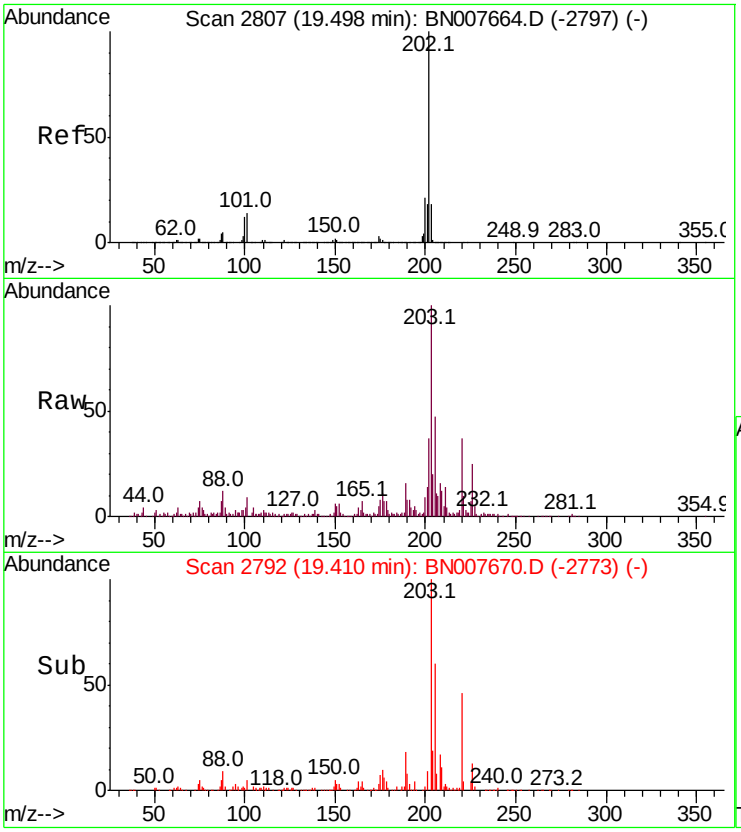


#74
Carbazole
Concen: 42.842 ng/ul
RT: 17.47 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:167 Resp: 7463517

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.4
139	12.9	10.1	15.1



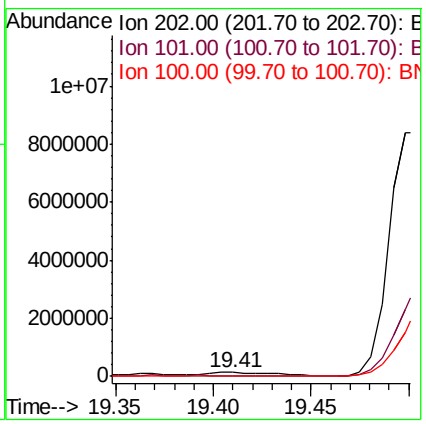


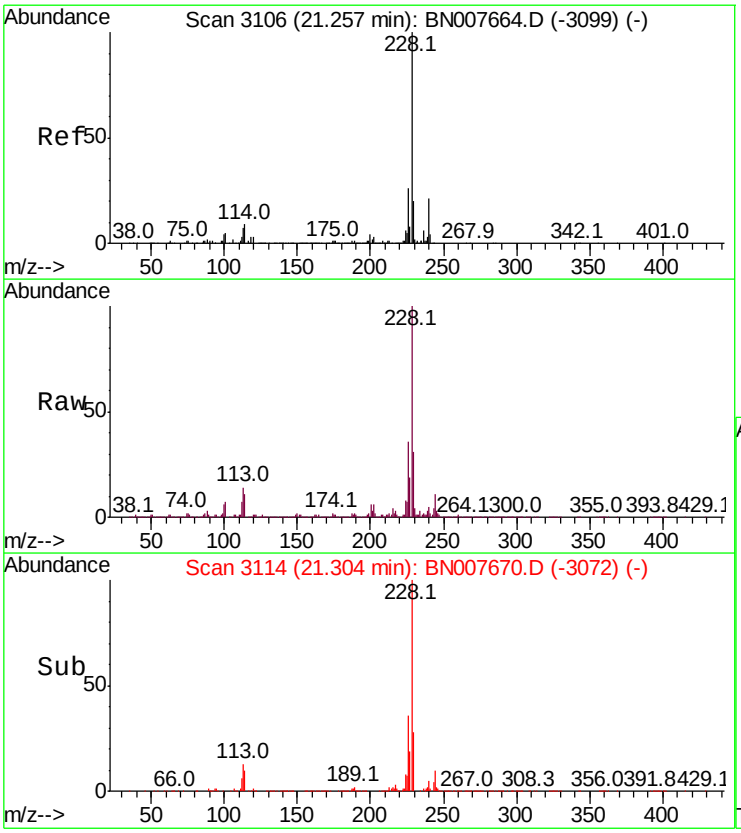
#79
Pyrene
Concen: 1.246 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.09 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 260994

Ion	Ratio	Lower	Upper
202	100		
101	23.3	11.2	16.8#
100	10.9	9.4	14.0

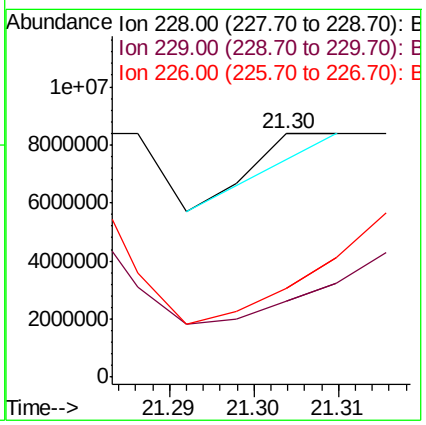


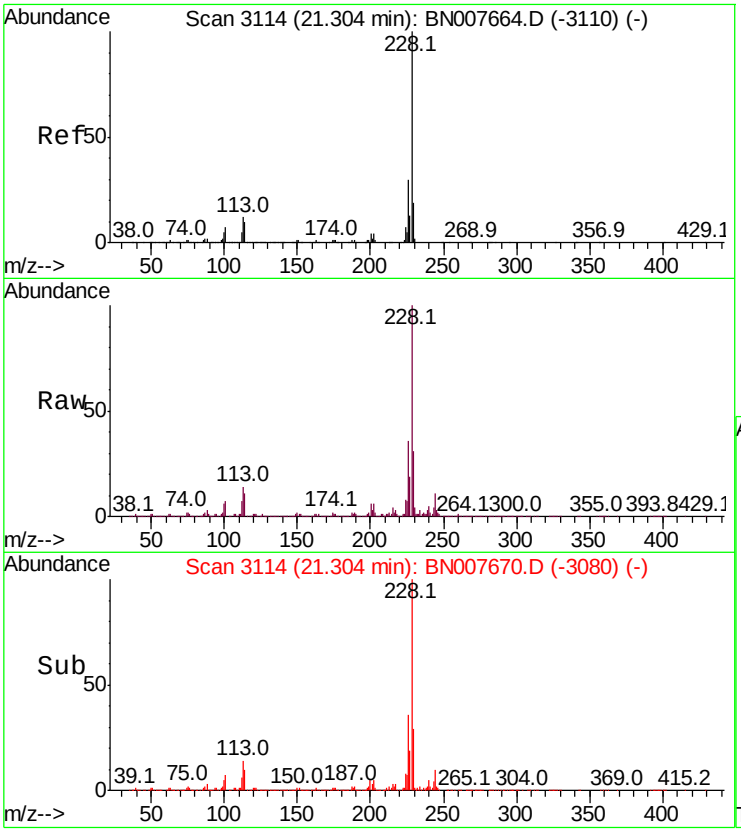


#82
Benzo(a)anthracene
Concen: 3.608 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. 0.05 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:228 Resp: 808884

Ion	Ratio	Lower	Upper
228	100		
229	30.9	15.7	23.5#
226	36.4	20.9	31.3#



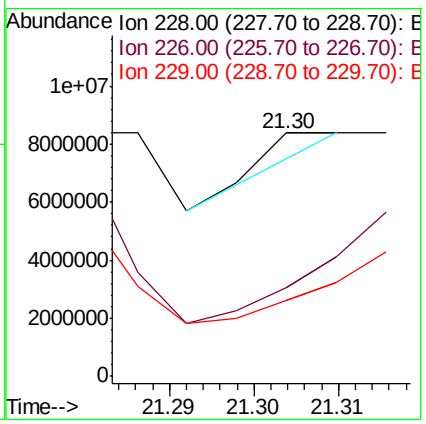


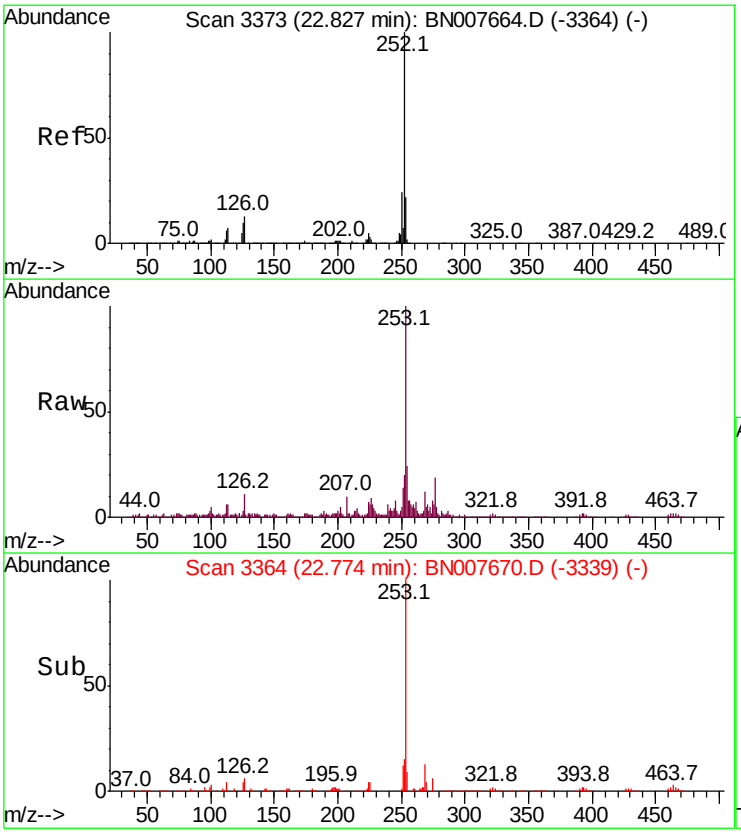
#84
Chrysene
Concen: 3.878 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 808884

Ion	Ratio	Lower	Upper
228	100		
226	36.4	24.2	36.4#
229	30.9	15.5	23.3#

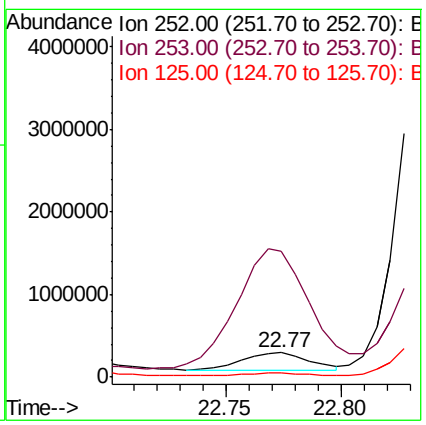


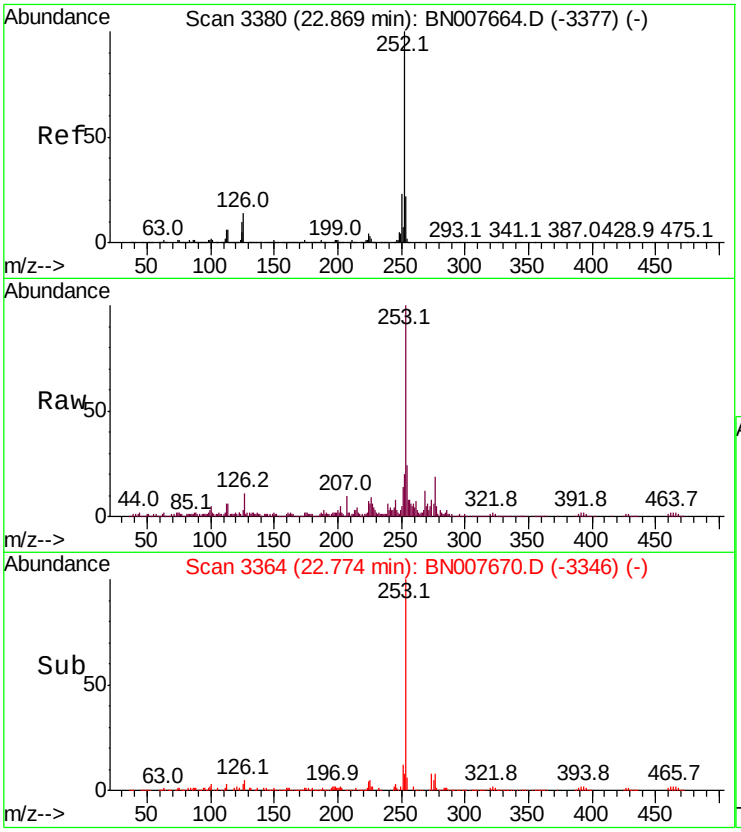


#87
Benzo(b)fluoranthene
Concen: 1.633 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.05 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:252 Resp: 410015

Ion	Ratio	Lower	Upper
252	100		
253	507.4	17.6	26.4#
125	15.7	8.0	12.0#



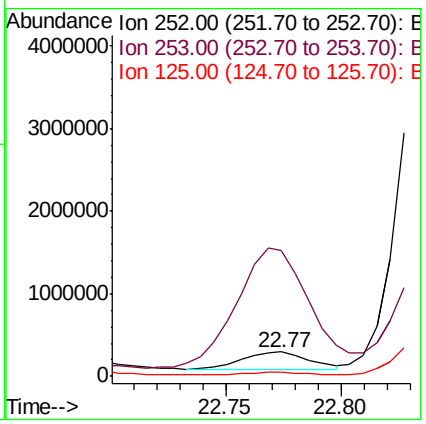


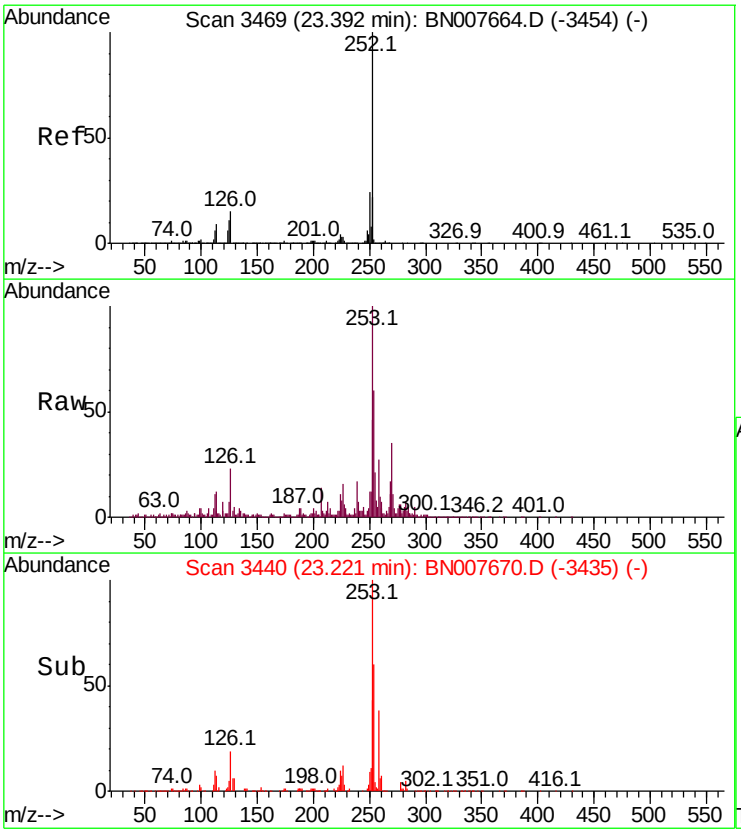
#88
Benzo(k)fluoranthene
Concen: 1.681 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.09 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 410015

Ion	Ratio	Lower	Upper
252	100		
253	507.4	17.7	26.5#
125	15.7	8.2	12.4#

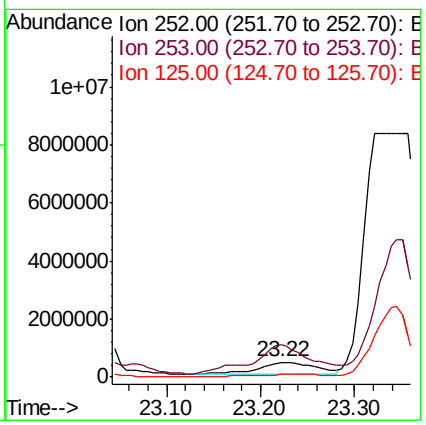


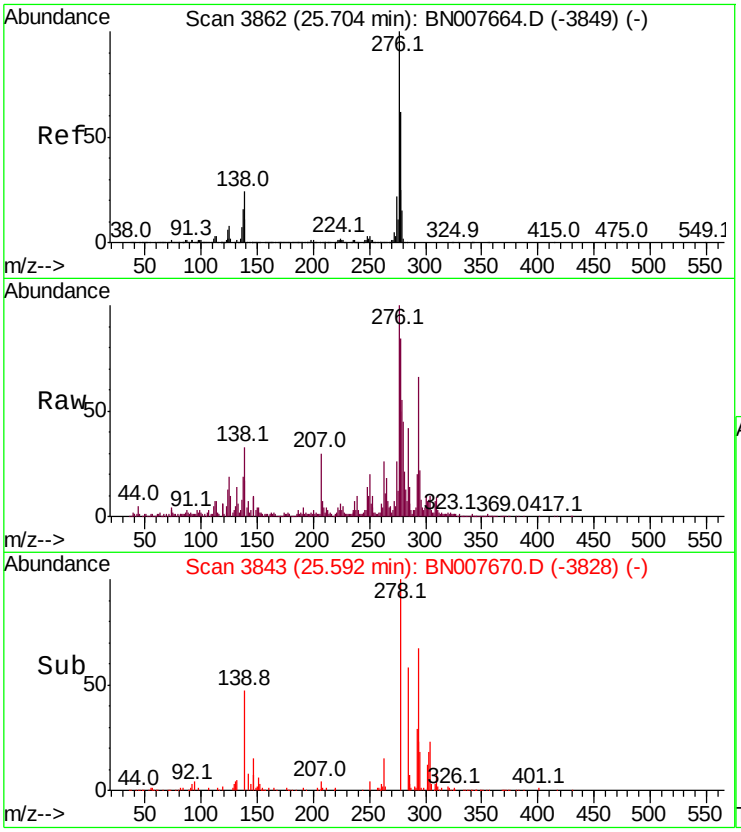


#90
Benzo(a)pyrene
Concen: 7.641 ng/ul
RT: 23.22 min Scan# 3440
Delta R.T. -0.17 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:252 Resp: 1854324

Ion	Ratio	Lower	Upper
252	100		
253	216.0	17.8	26.8#
125	15.8	9.2	13.8#



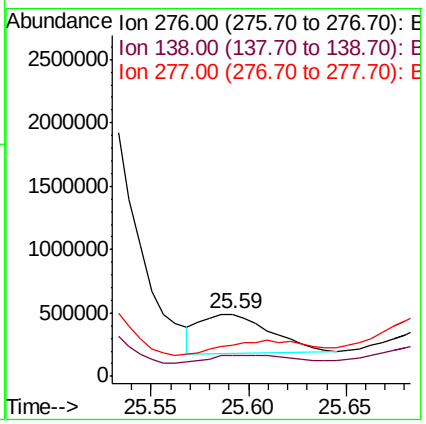


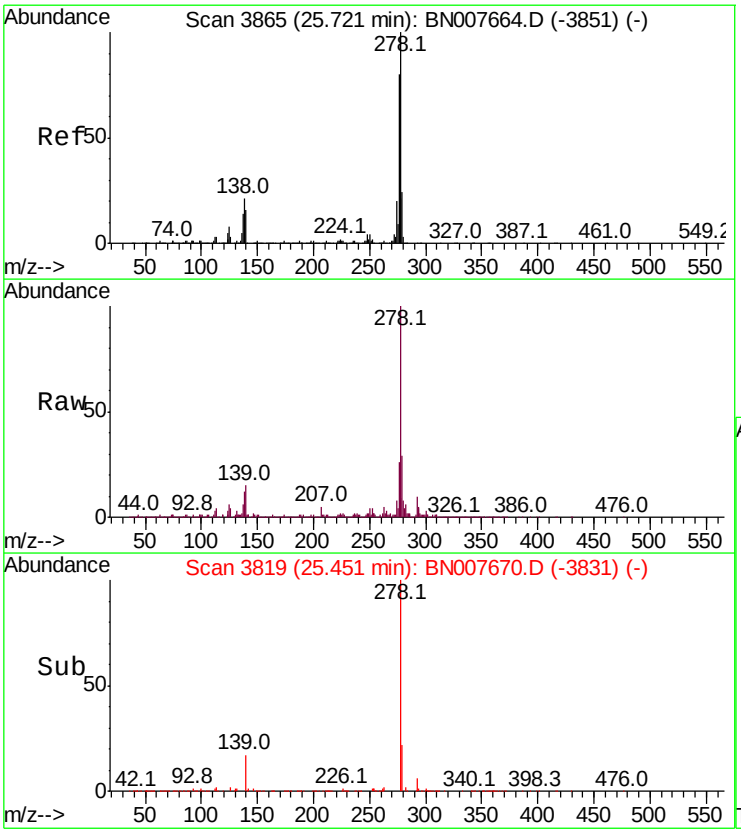
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.789 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.11 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 795163

Ion	Ratio	Lower	Upper
276	100		
138	33.1	19.1	28.7#
277	50.1	19.7	29.5#





#92
Dibenzo(a,h)anthracene
Concen: 26.240 ng/ul
RT: 25.45 min Scan# 3819
Delta R.T. -0.27 min
Lab File: BN007670.D
Acq: 16 Sep 2019 17:27

Tgt Ion:278 Resp: 6240545

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	19.0
279	28.6	19.4	29.2