Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007688.D
Acq On : 17 Sep 2019 05:26
Operator : HP/JU
Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 17 08:25:49 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	701578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2946435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1934208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	4113161	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	3335199	20.00	ng/ul	0.03
85) Perylene-d12	23.44	264	7861645	20.00	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	69553	3.77	ng/uL	0.00
5) Phenol-d5	6.88	99	1853926	27.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	951989	25.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1397338	29.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	1305044	25.63	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	686080	31.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	728565	35.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1546867	32.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1649753	26.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4887878	31.76	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	5735296	32.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	691290	25.25	ng/ul	0.00
57) Fluorene-d10	15.33	176	4331411	32.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	134824	6.07	ng/ul	0.00
70) Anthracene-d10	17.18	188	6619030	32.33	ng/ul	0.01
78) Pyrene-d10	19.48	212	7428075	41.35	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.44	264	7668923	18.75	ng/ul	0.09
Target Compounds						Qvalue
6) Phenol	6.90	94	309280	4.261	ng/ul	98
28) Naphthalene	10.52	128	915334	5.509	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	230840	1.924	ng/ul	99
44) Dimethylphthalate	13.79	163	1832456	11.680	ng/ul	100
47) Acenaphthylene	14.05	152	291047	1.564	ng/ul	100
49) Acenaphthene	14.40	153	3450821	26.420	ng/ul	99
53) Dibenzofuran	14.73	168	1078973	5.695	ng/ul	98
58) Fluorene	15.38	166	1593492	10.452	ng/ul	99
69) Phenanthrene	17.21	178	9072262	37.194	ng/ul	98
71) Anthracene	17.21	178	9076787	37.178	ng/ul	99
74) Carbazole	17.47	167	6655262	32.230	ng/ul	98
76) Fluoranthene	19.29	202	1425739	5.328	ng/ul	100
79) Pyrene	19.42	202	334778	1.507	ng/ul	96
82) Benzo(a)anthracene	21.20	228	313464	1.319	ng/ul#	1
84) Chrysene	21.45	228	7344715	33.217	ng/ul#	70
90) Benzo(a)pyrene	23.34	252	3213848	6.538	ng/ul#	76
91) Indeno(1,2,3-cd)pyrene	25.57	276	21092230	36.524	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.50	278	15928938	33.069	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007688.D
Acq On : 17 Sep 2019 05:26
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Sample : K4633-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
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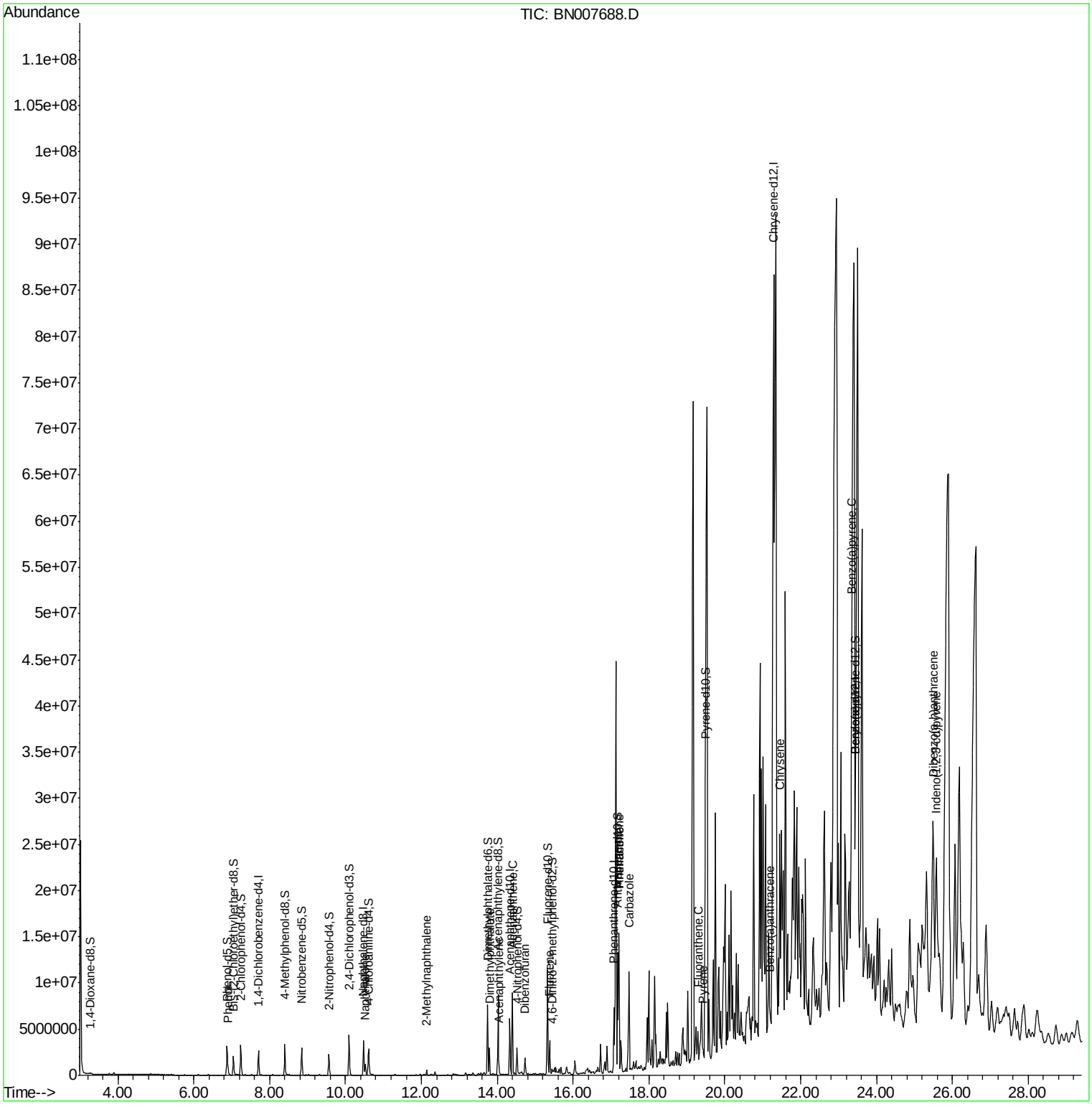
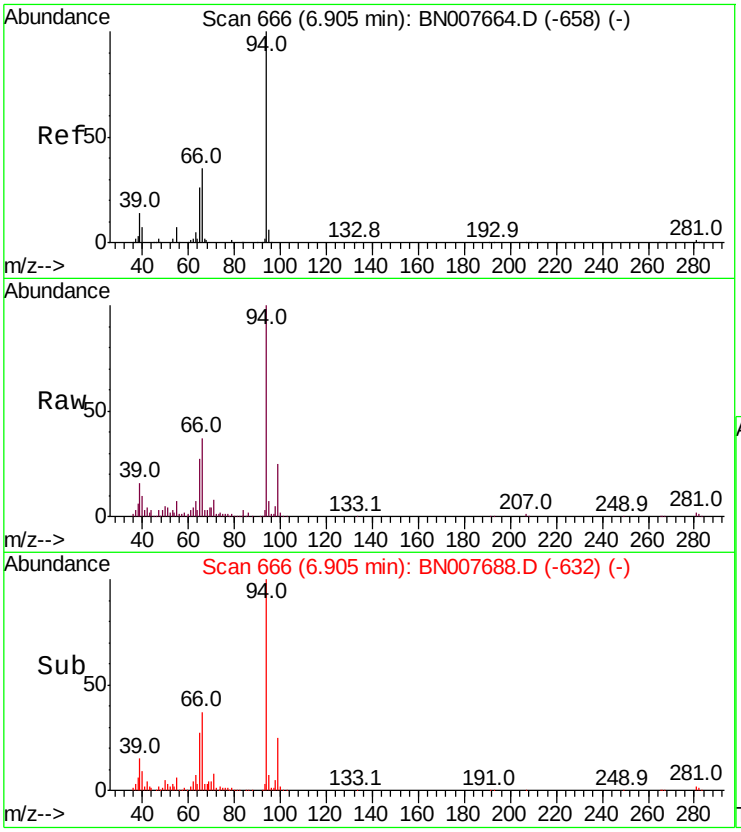
Quant Time: Sep 17 08:25:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration



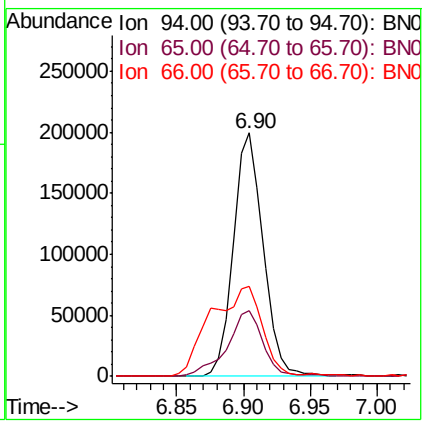


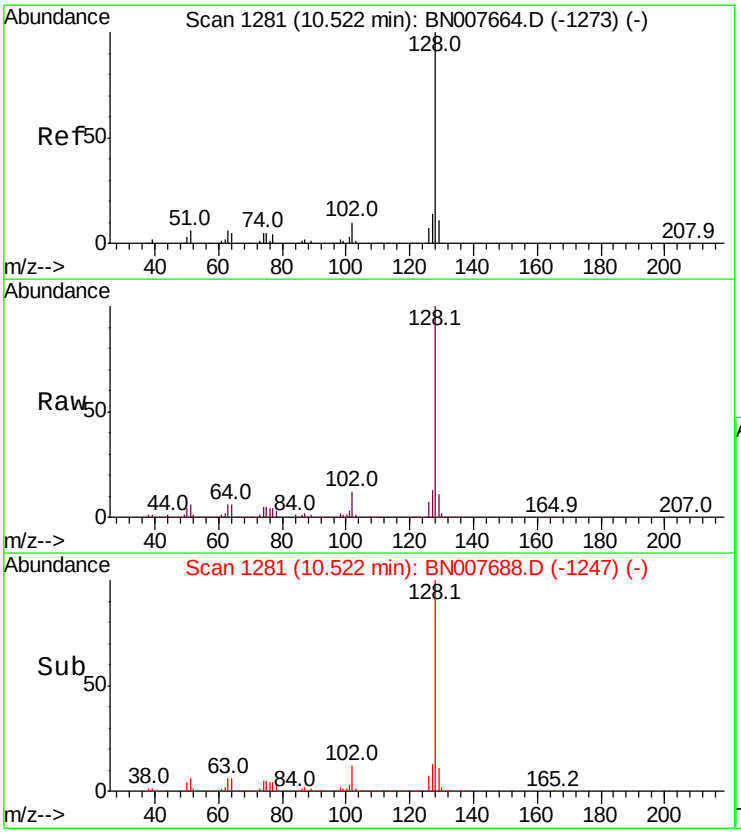
#6
Phenol
Concen: 4.261 ng/ul
RT: 6.90 min Scan# 666
Delta R.T. -0.00 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 309280

Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.7	31.1
66	37.1	28.6	42.8

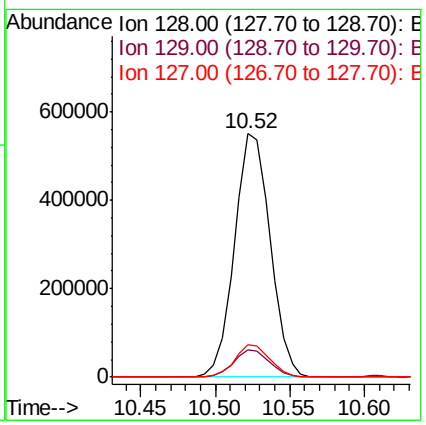


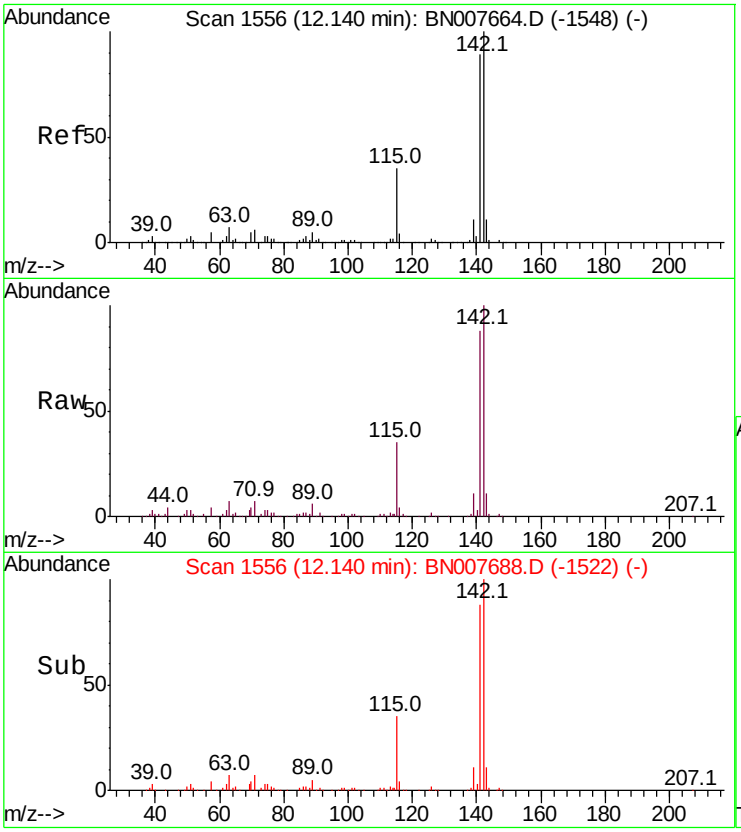


#28
Naphthalene
Concen: 5.509 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:128 Resp: 915334

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.2	11.0	16.4



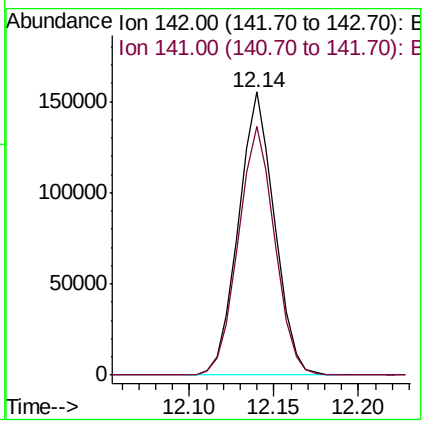


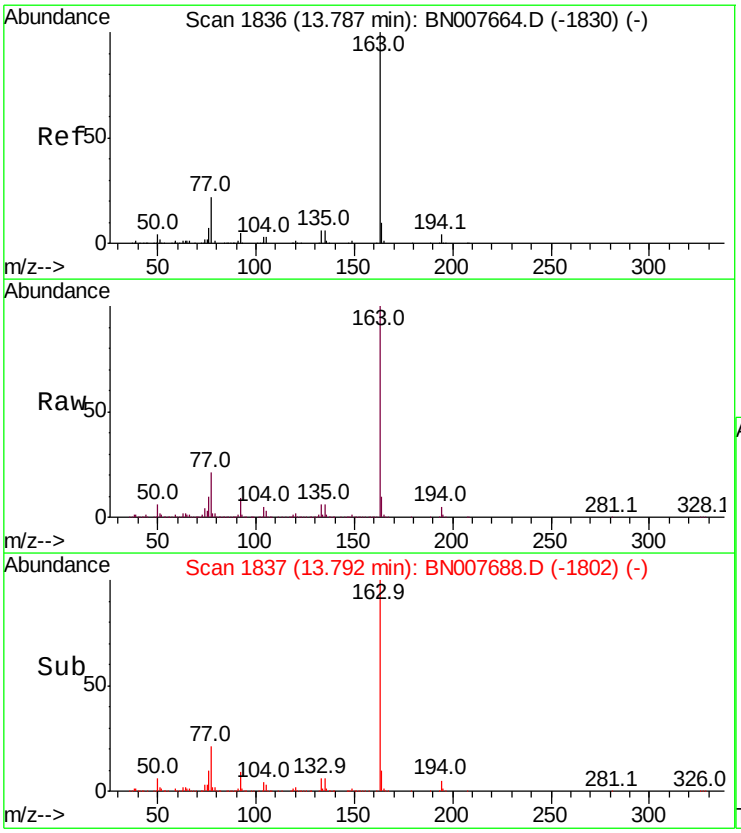
#34
2-Methylnaphthalene
Concen: 1.924 ng/ul
RT: 12.14 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 230840

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.2	106.8

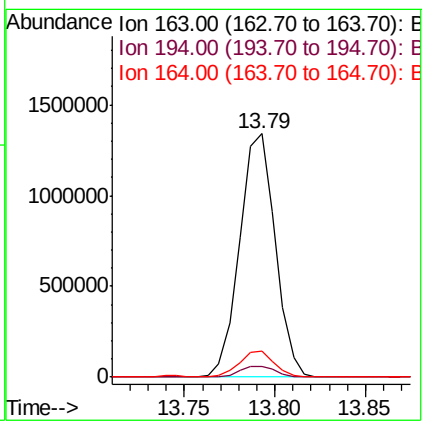


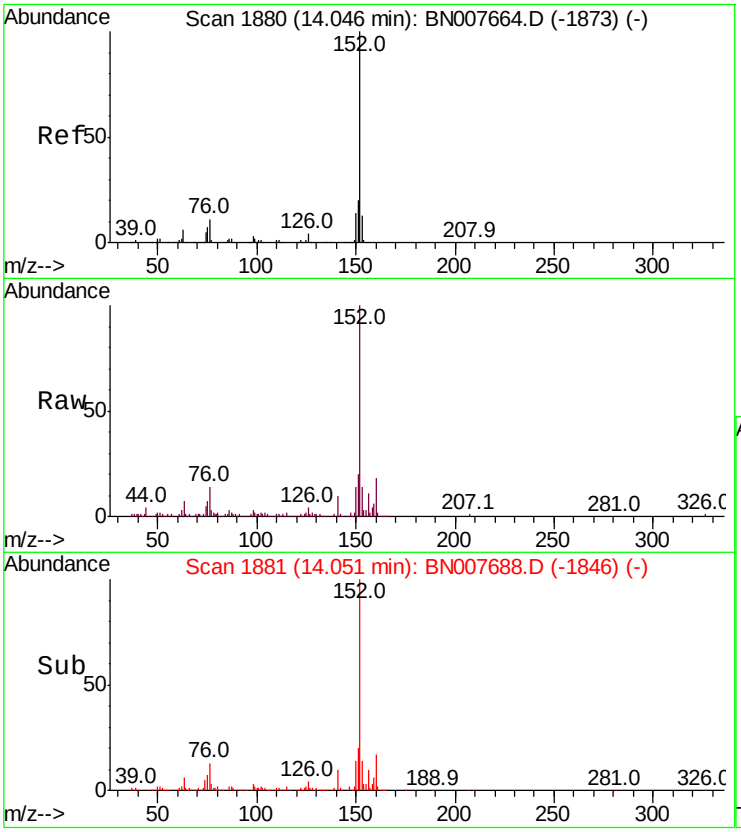


#44
Dimethylphthalate
Concen: 11.680 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:163 Resp: 1832456

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.5	8.4	12.6



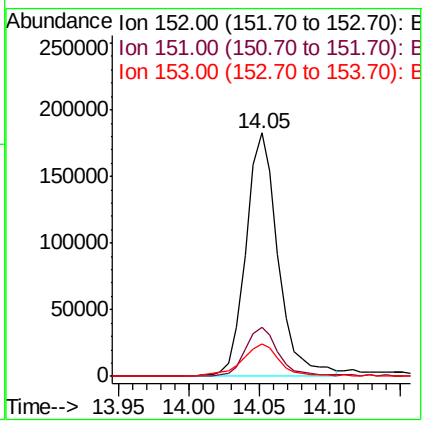


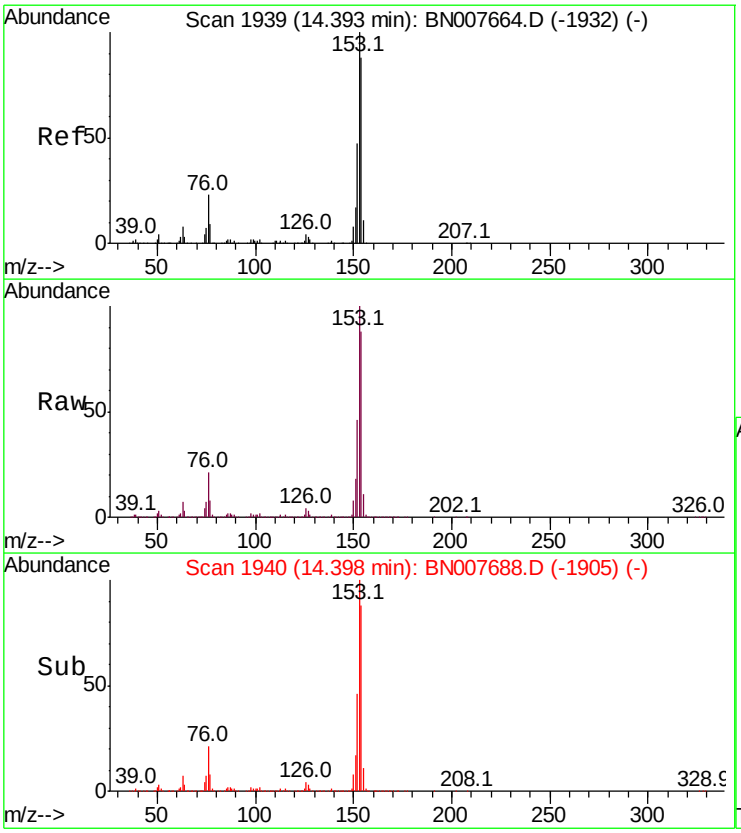
#47
Acenaphthylene
Concen: 1.564 ng/ul
RT: 14.05 min Scan# 1881
Delta R.T. 0.01 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 291047

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	13.6	10.7	16.1

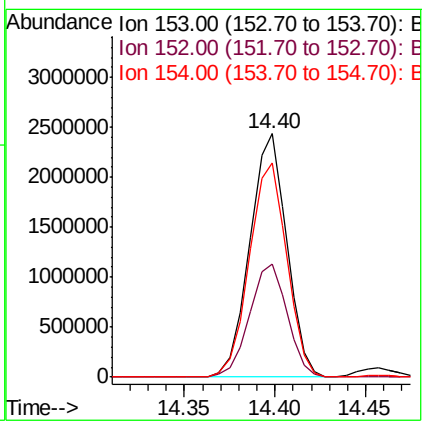


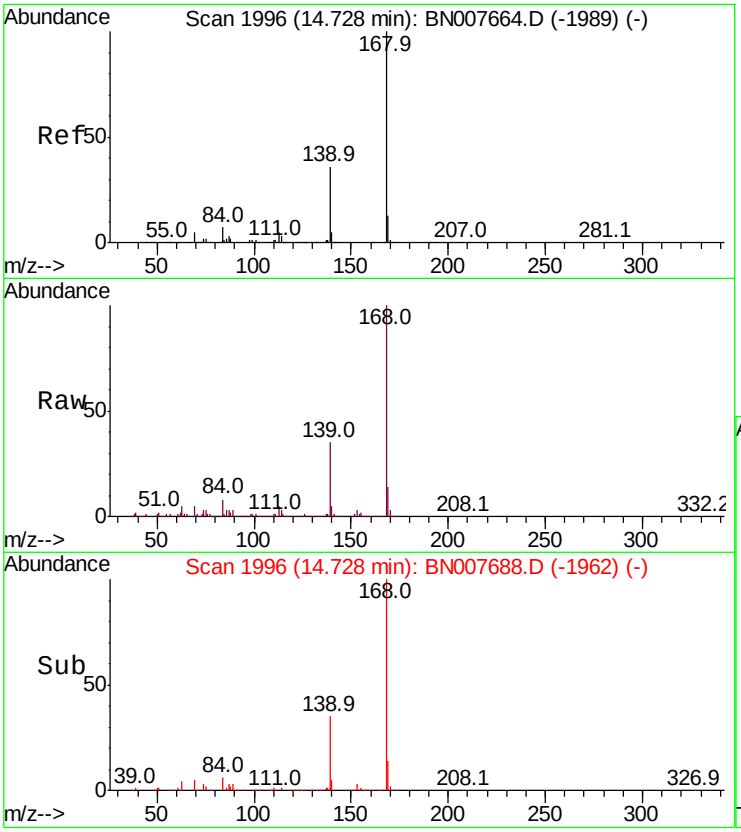


#49
Acenaphthene
Concen: 26.420 ng/ul
RT: 14.40 min Scan# 1940
Delta R.T. 0.01 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:153 Resp: 3450821

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.8	56.8
154	88.1	70.3	105.5



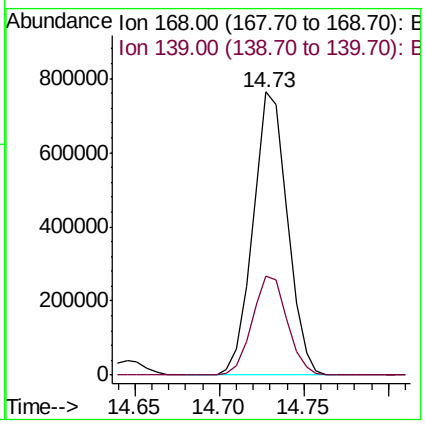


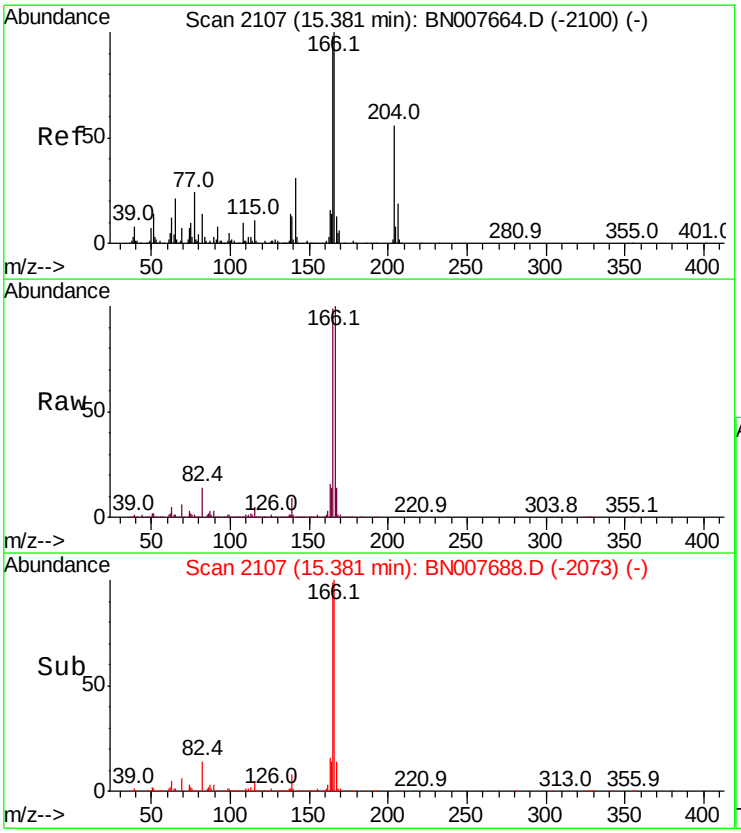
#53
Dibenzofuran
Concen: 5.695 ng/ul
RT: 14.73 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:168 Resp: 1078973

Ion	Ratio	Lower	Upper
168	100		
139	35.0	29.1	43.7

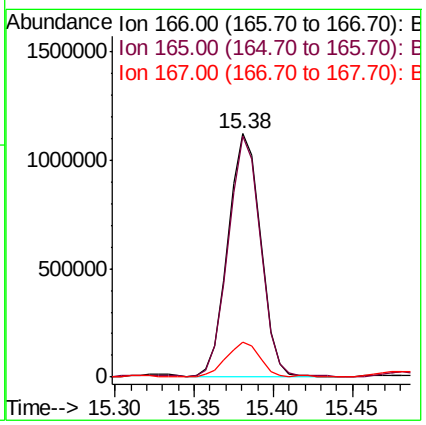


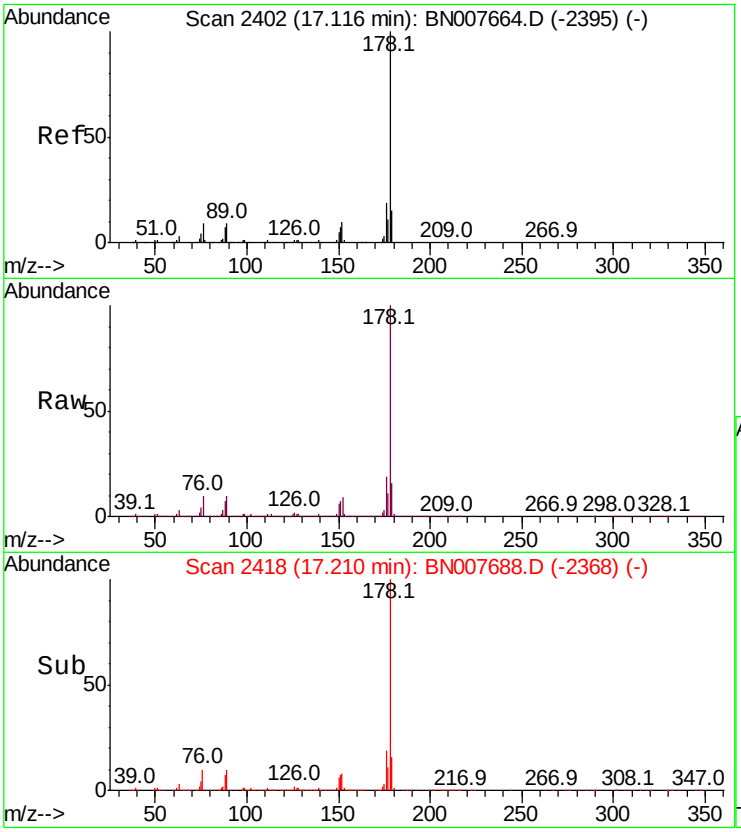


#58
Fluorene
Concen: 10.452 ng/ul
RT: 15.38 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:166 Resp: 1593492

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.6	118.0
167	14.1	10.8	16.2



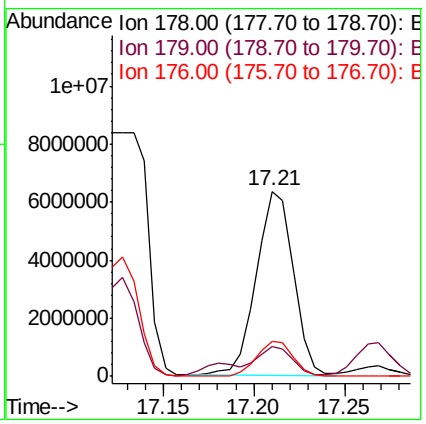


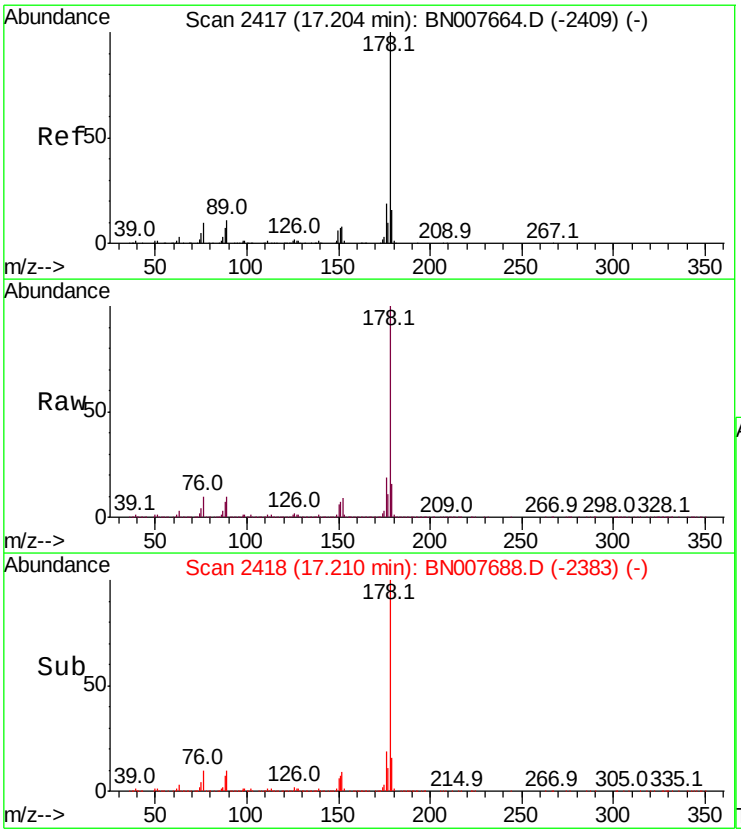
#69
Phenanthrene
Concen: 37.194 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. 0.09 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9072262

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.9	17.9
176	18.9	15.2	22.8

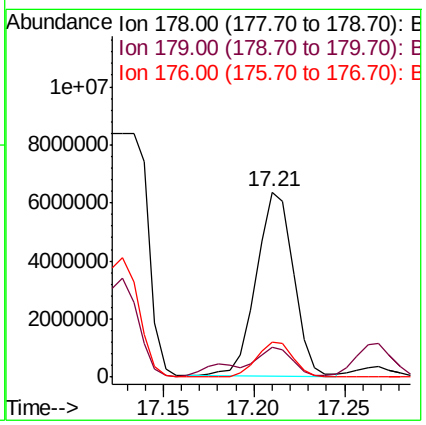


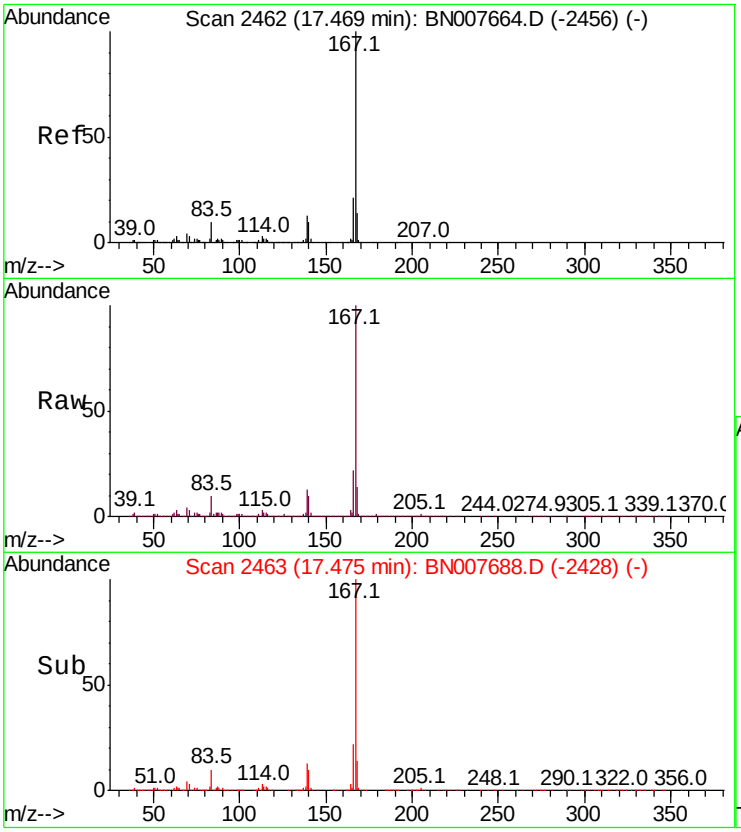


#71
Anthracene
Concen: 37.178 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:178 Resp: 9076787

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.7	19.1
176	18.9	15.1	22.7



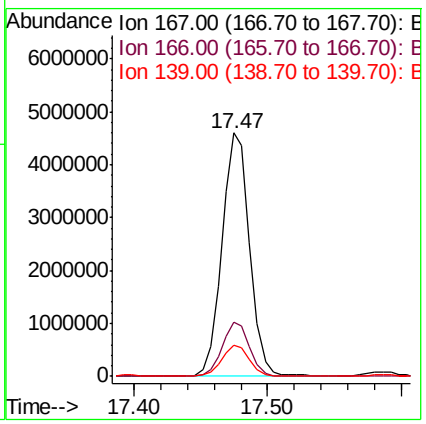


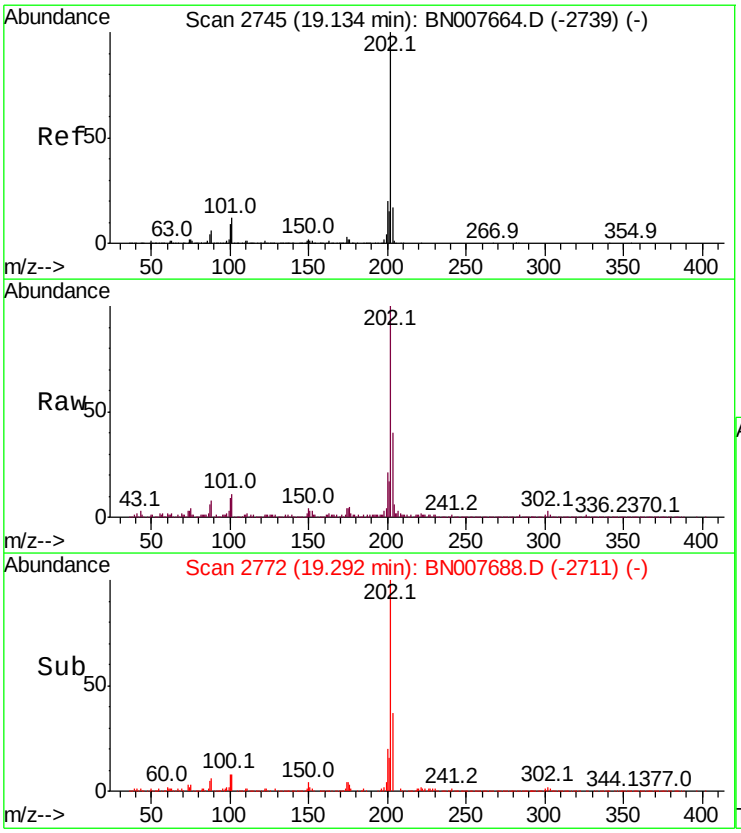
#74
Carbazole
Concen: 32.230 ng/ul
RT: 17.47 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:167 Resp: 6655262

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.4
139	13.0	10.1	15.1

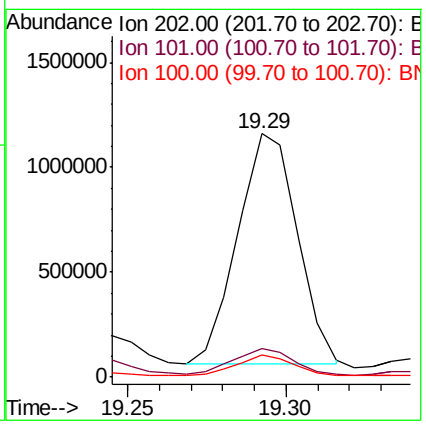


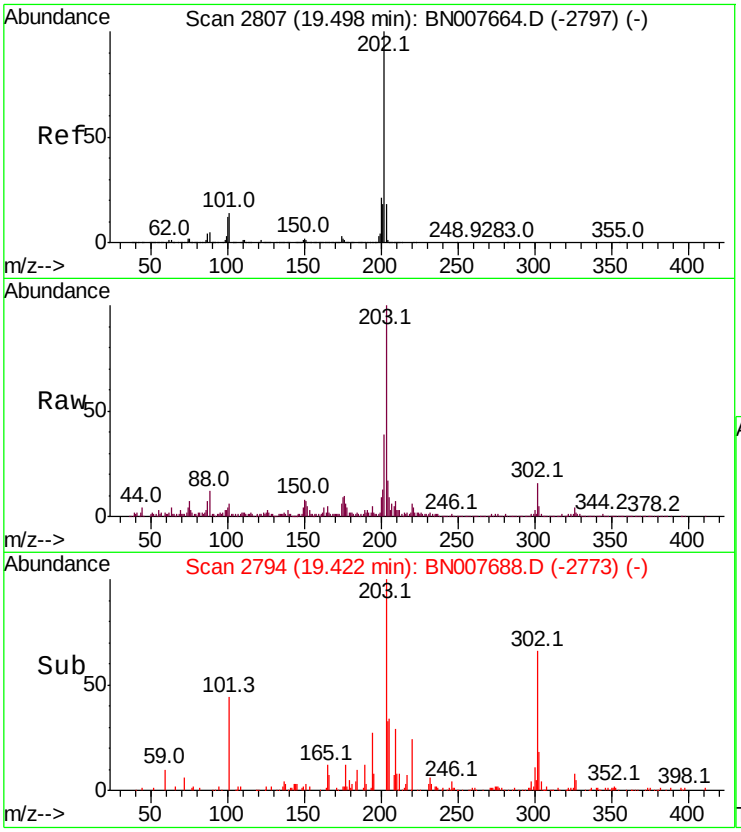


#76
Fluoranthene
Concen: 5.328 ng/ul
RT: 19.29 min Scan# 2772
Delta R.T. 0.16 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:202 Resp: 1425739

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.2
100	8.9	7.1	10.7



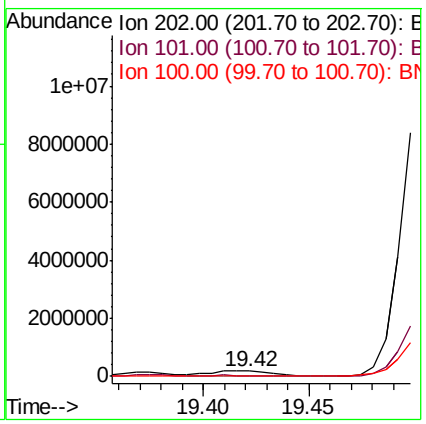


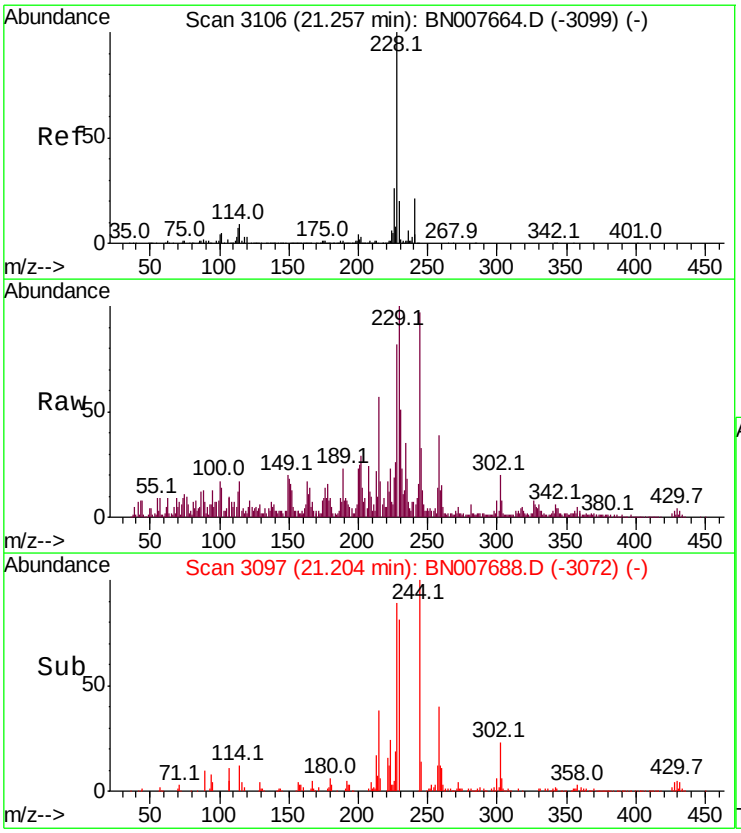
#79
Pyrene
Concen: 1.507 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.08 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 334778

Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.2	16.8
100	10.3	9.4	14.0

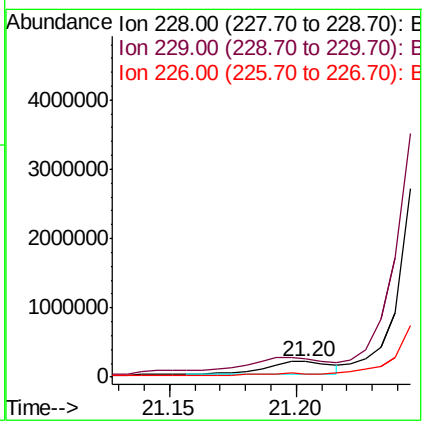


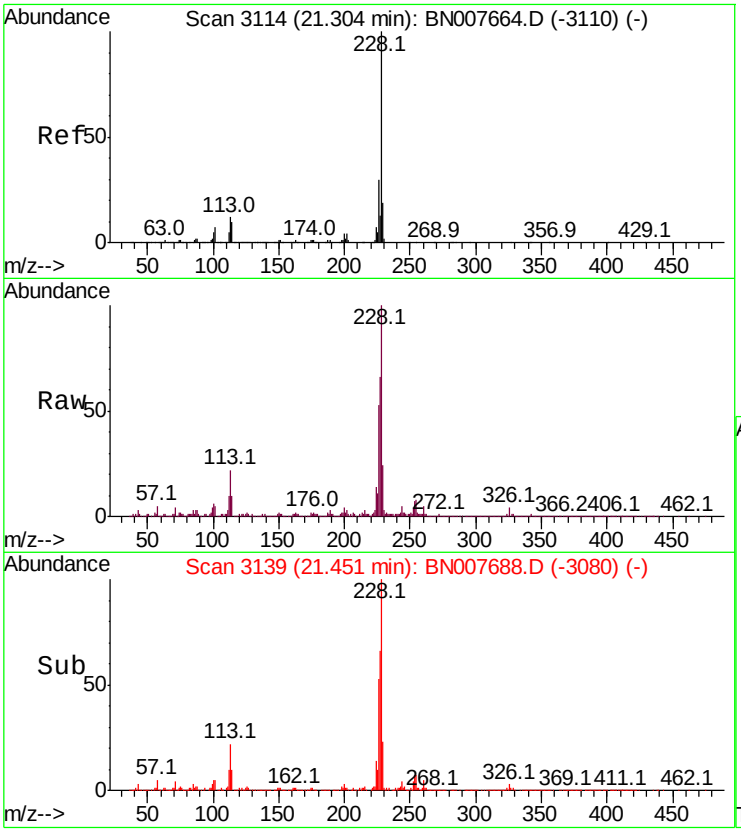


#82
Benzo(a)anthracene
Concen: 1.319 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.05 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:228 Resp: 313464

Ion	Ratio	Lower	Upper
228	100		
229	121.7	15.7	23.5#
226	23.2	20.9	31.3



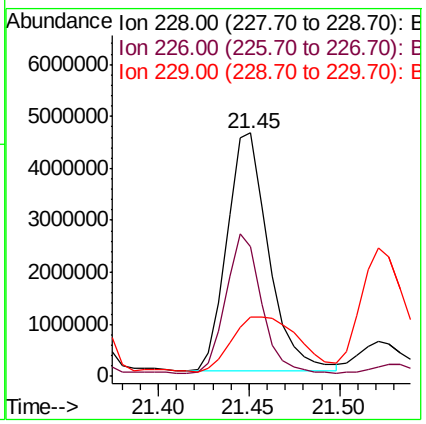


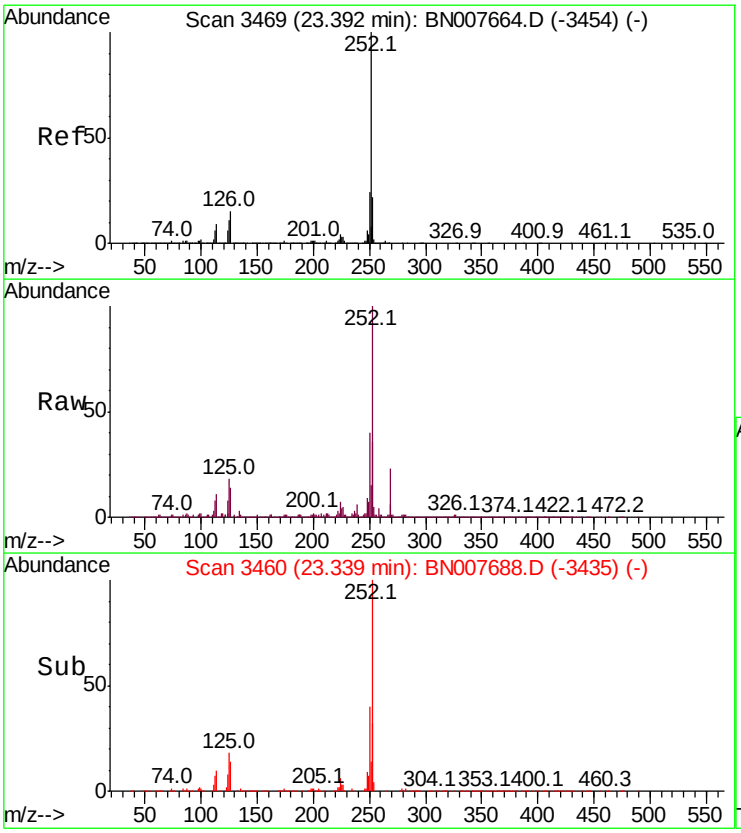
#84
Chrysene
Concen: 33.217 ng/ul
RT: 21.45 min Scan# 3139
Delta R.T. 0.15 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 7344715

Ion	Ratio	Lower	Upper
228	100		
226	53.1	24.2	36.4#
229	24.3	15.5	23.3#

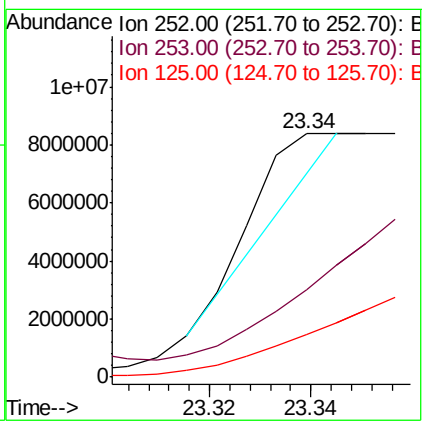


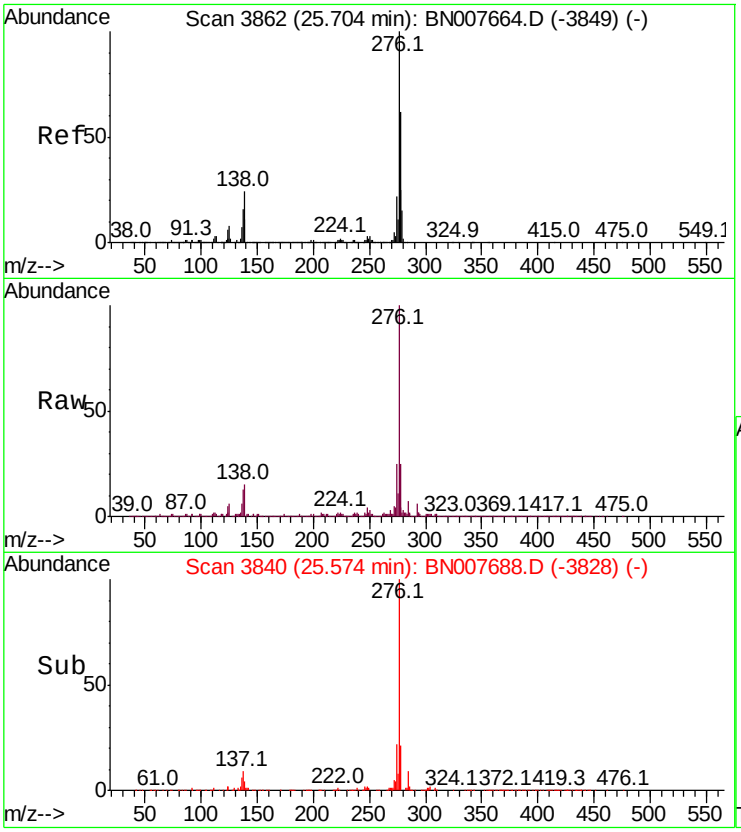


#90
Benzo(a)pyrene
Concen: 6.538 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.05 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:252 Resp: 3213848

Ion	Ratio	Lower	Upper
252	100		
253	36.0	17.8	26.8#
125	17.6	9.2	13.8#



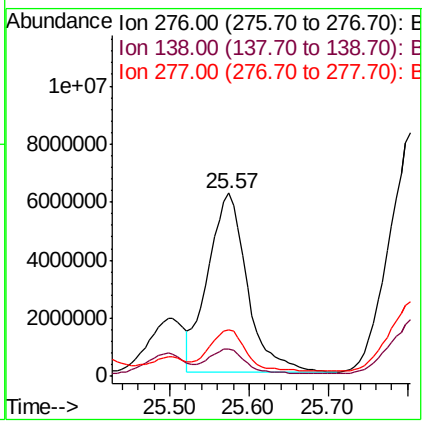


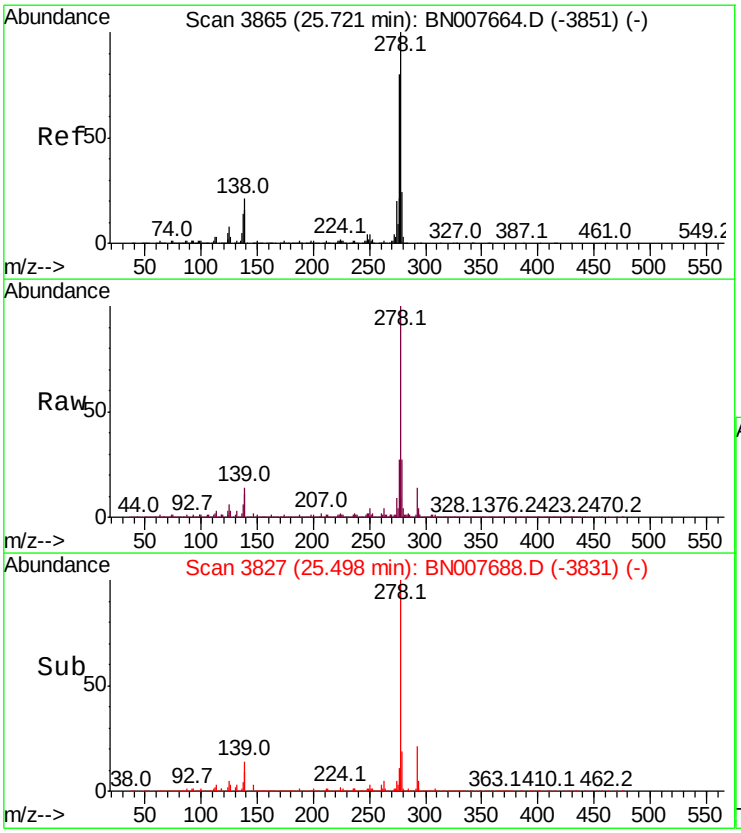
#91
Indeno(1,2,3-cd)pyrene
Concen: 36.524 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. -0.13 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp:21092230

Ion	Ratio	Lower	Upper
276	100		
138	14.9	19.1	28.7#
277	25.4	19.7	29.5





#92
Dibenzo(a,h)anthracene
Concen: 33.069 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. -0.22 min
Lab File: BN007688.D
Acq: 17 Sep 2019 05:26

Tgt Ion:278 Resp:15928938

Ion	Ratio	Lower	Upper
278	100		
139	14.3	12.6	19.0
279	26.8	19.4	29.2