Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005988.D
Acq On : 31 May 2019 20:02
Operator : JU/SJ
Sample : K2923-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A42D7

Manual Integrations APPROVED
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6/5/2019 6:11:13 AM

Quant Time: Jun 01 02:28:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	502765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	2134507	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	1103015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1908807	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1193307	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1415943	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	35934	3.14	ng/uL	0.01
5) Phenol-d5	6.92	99	852090	19.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	469375	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	684188	20.16	ng/ul	0.01
13) 4-Methylphenol-d8	8.45	113	663090	18.43	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	331667	24.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	353689	27.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	661223	21.95	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	301155	7.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1827368	22.47	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2275120	22.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	247955	16.76	ng/ul	0.00
57) Fluorene-d10	15.40	176	1471614	21.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	60501	7.78	ng/ul	0.00
70) Anthracene-d10	17.26	188	1852808	22.81	ng/ul	0.00
78) Pyrene-d10	19.57	212	1549771	25.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.53	264	1427555	22.59	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.59	128	245750	2.426	ng/ul	99
44) Dimethylphthalate	13.86	163	662811	8.155	ng/ul	100
47) Acenaphthylene	14.12	152	188160	1.886	ng/ul	98
49) Acenaphthene	14.47	153	495335	7.310	ng/ul	98
53) Dibenzofuran	14.81	168	339202	3.546	ng/ul	98
58) Fluorene	15.46	166	495460	6.595	ng/ul	97
69) Phenanthrene	17.21	178	5246191	55.472	ng/ul	99
71) Anthracene	17.29	178	1538803	16.026	ng/ul	100
74) Carbazole	17.56	167	721065	8.336	ng/ul	99
76) Fluoranthene	19.24	202	5531759	54.791	ng/ul	96
79) Pyrene	19.60	202	4539058	60.047	ng/ul	97
82) Benzo(a)anthracene	21.36	228	2272451	30.294	ng/ul	96
84) Chrysene	21.41	228	2144234m	30.648	ng/ul	
87) Benzo(b)fluoranthene	22.99	252	3011215	37.863	ng/ul#	96
88) Benzo(k)fluoranthene	23.03	252	854351m	11.684	ng/ul	
90) Benzo(a)pyrene	23.58	252	2075409	27.673	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	26.01	276	1599169	18.172	ng/ul	97
92) Dibenzo(a,h)anthracene	26.01	278	441646	6.028	ng/ul#	80
93) Benzo(g,h,i)perylene	26.73	276	1267109	17.096	ng/ul	94

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

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Instrument :
BNA_N
ClientSampleId :
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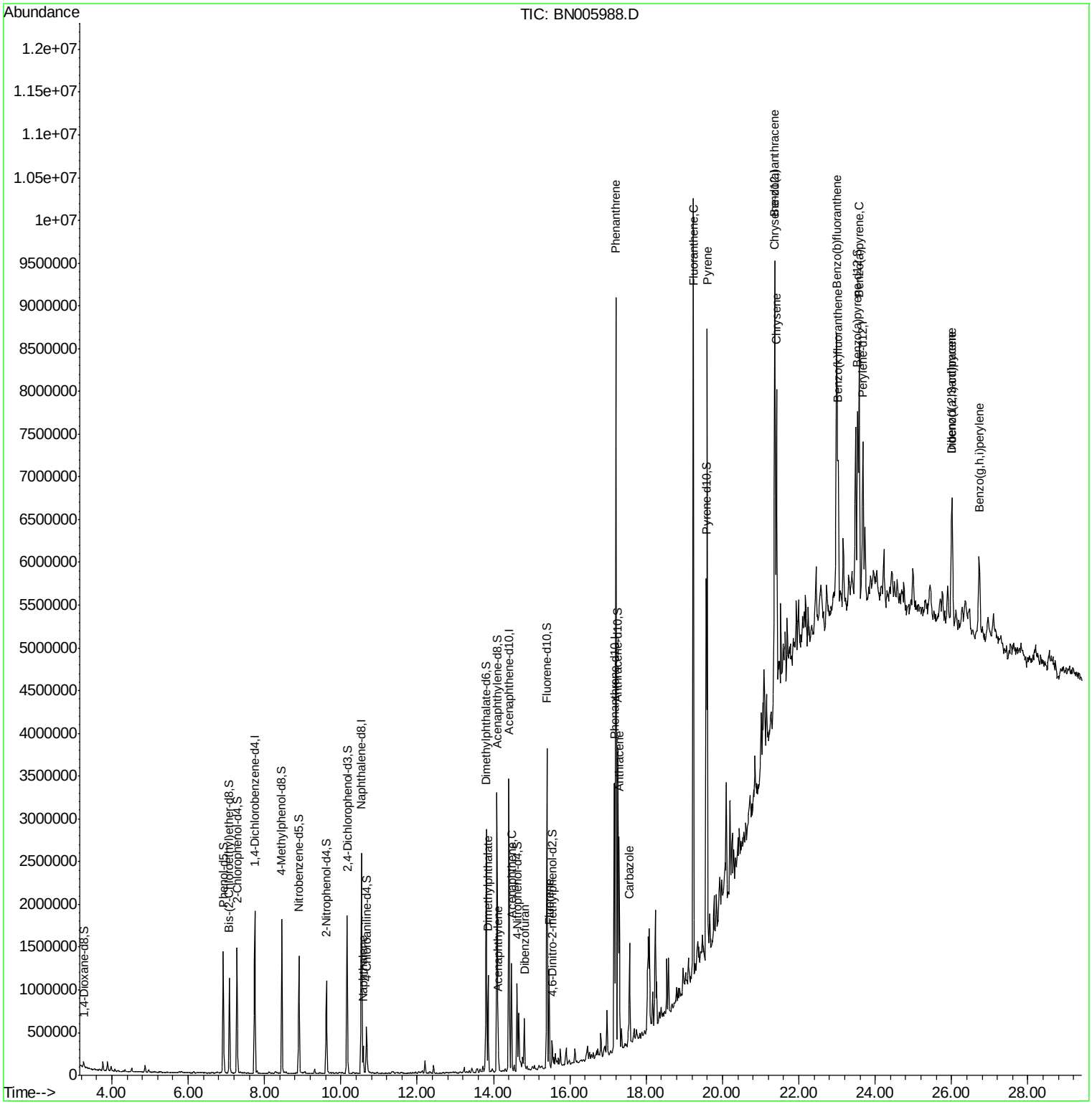
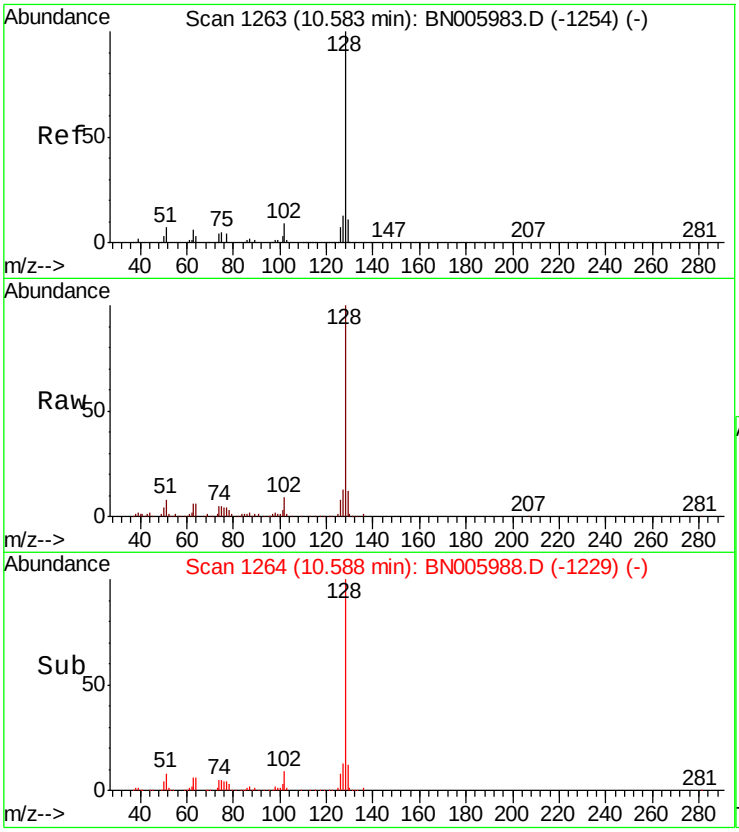
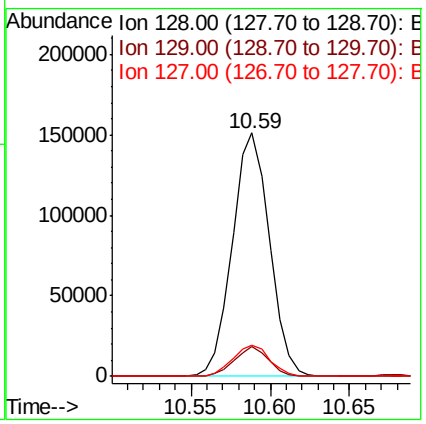




#28
Naphthalene
Concen: 2.426 ng/ul
RT: 10.59 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:128 Resp: 245750

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.0	10.7	16.1



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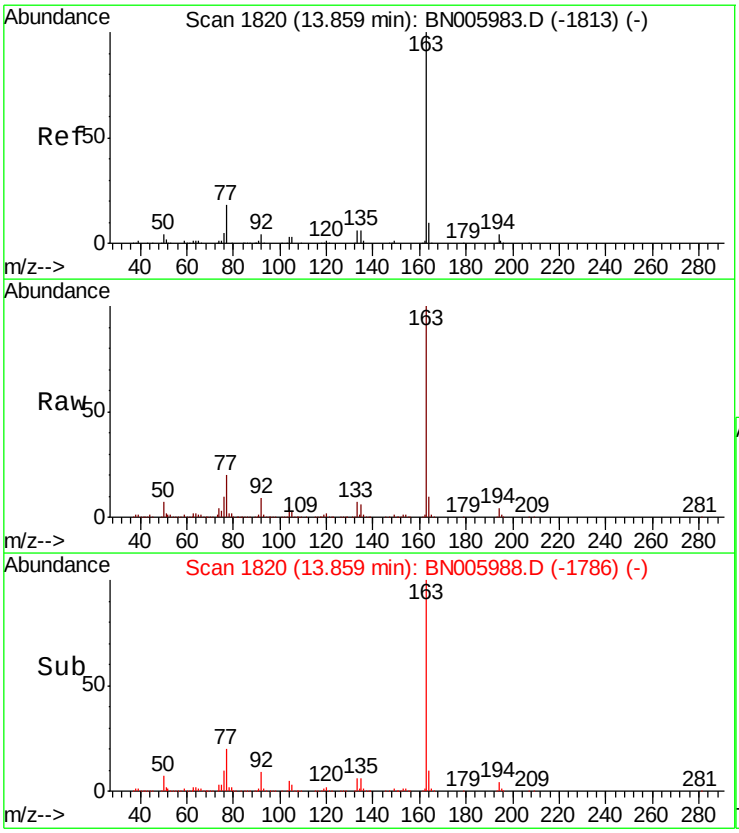
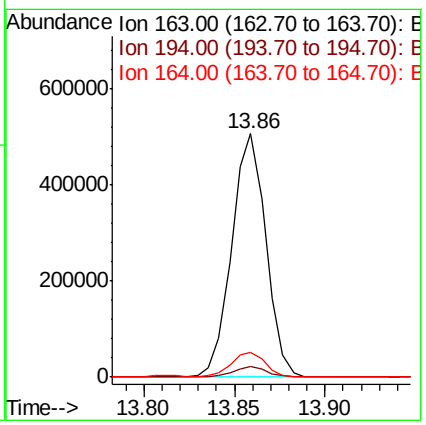
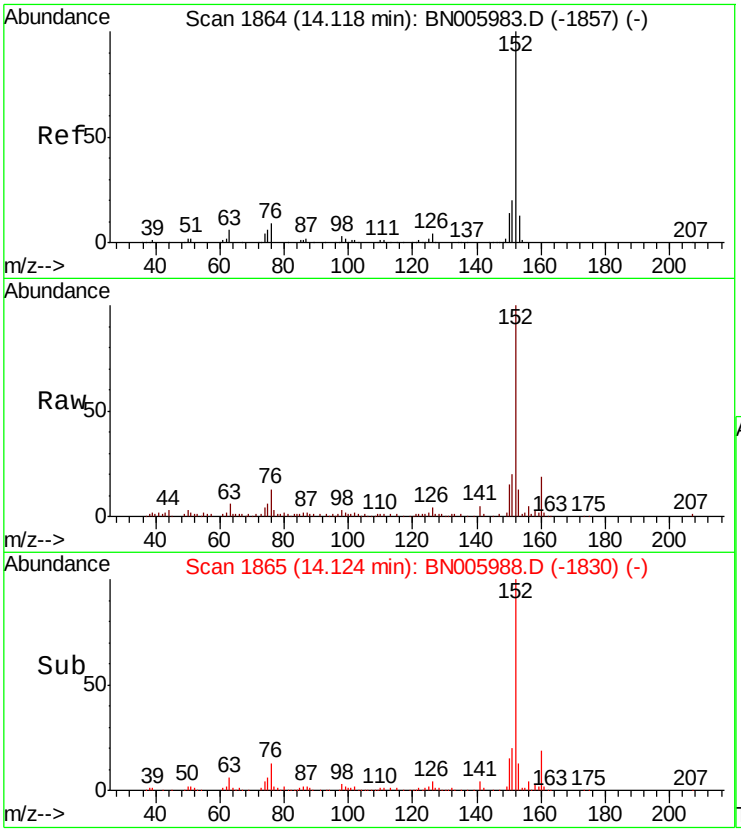


#44
Dimethylphthalate
Concen: 8.155 ng/ul
RT: 13.86 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:163 Resp: 662811

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.1	12.1

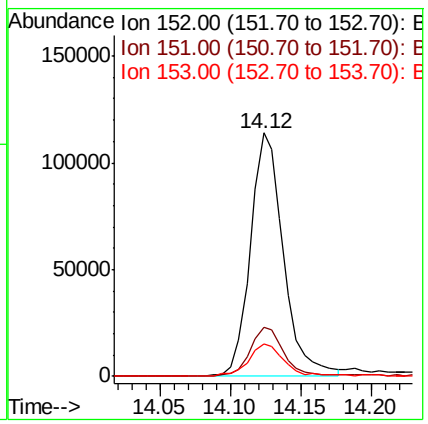




#47
Acenaphthylene
Concen: 1.886 ng/ul
RT: 14.12 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:152 Resp: 188160

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.4	9.8	14.8



Instrument :
BNA_N
ClientSampleId :
A42D7

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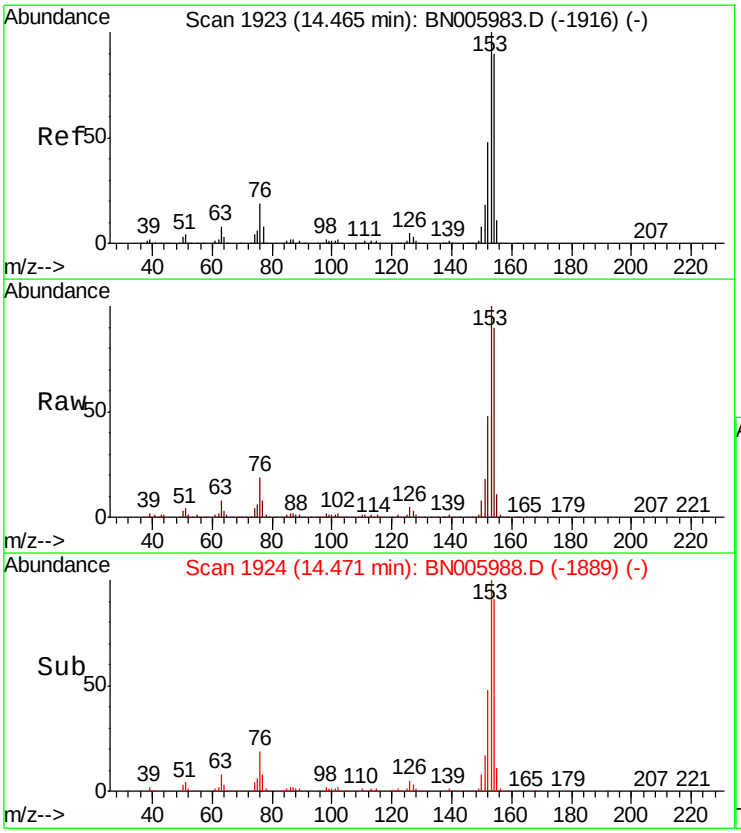
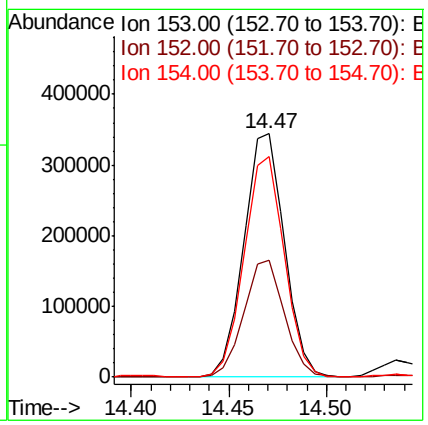
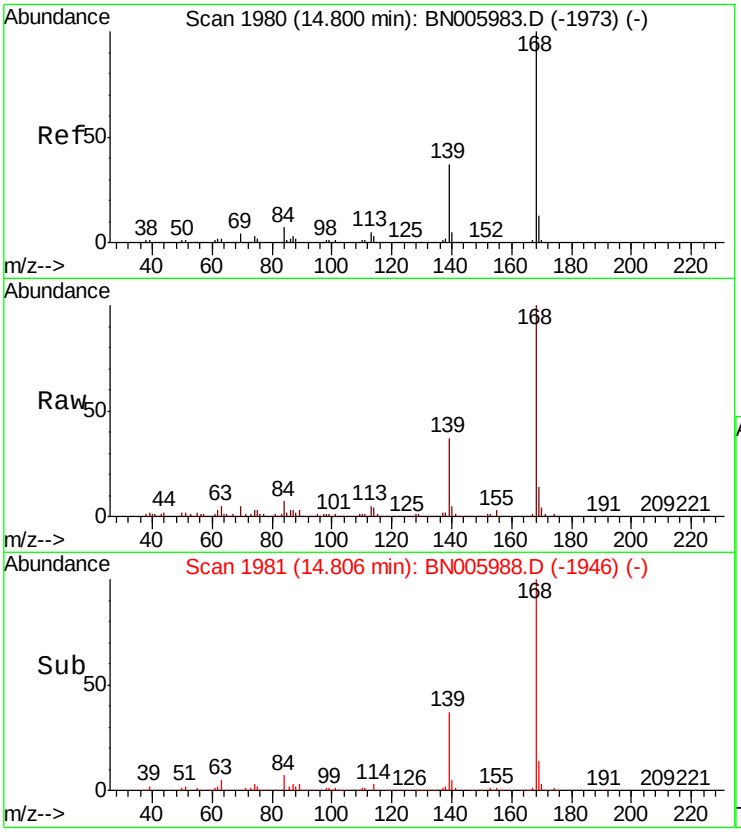


#49
Acenaphthene
Concen: 7.310 ng/ul
RT: 14.47 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:153 Resp: 495335

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.4	56.0
154	90.4	71.2	106.8





#53
Dibenzofuran
Concen: 3.546 ng/ul
RT: 14.81 min Scan# 1981
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:168 Resp: 339202

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.9	46.3

Instrument :
BNA_N
ClientSampleId :
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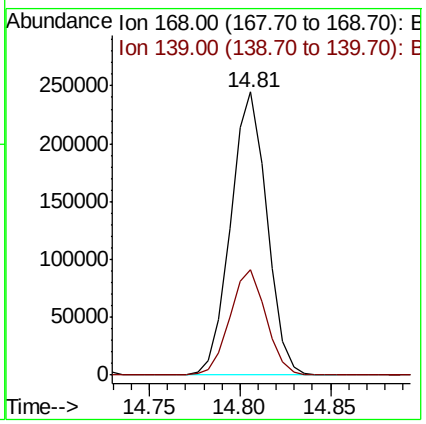
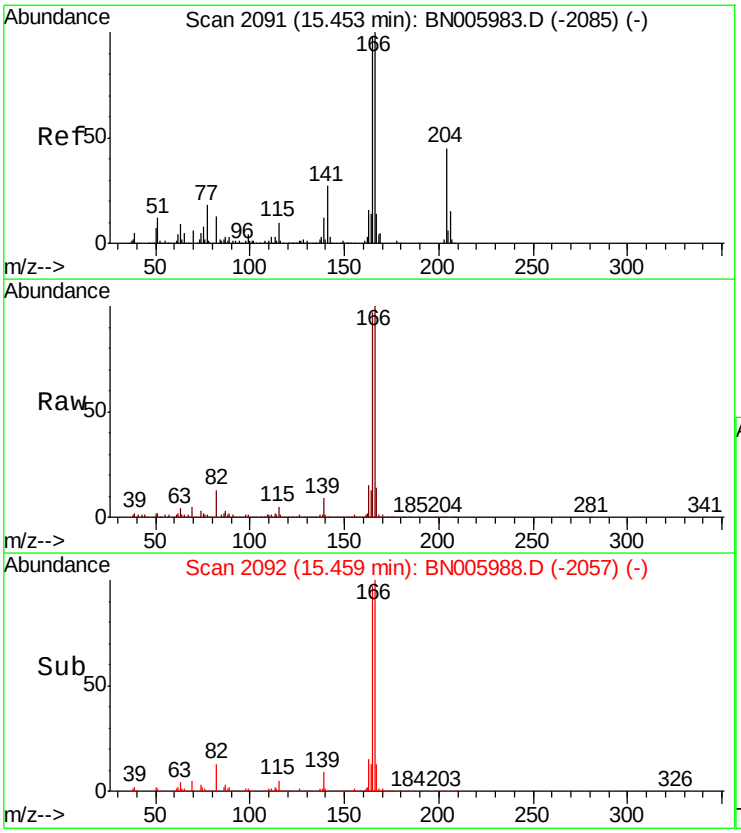
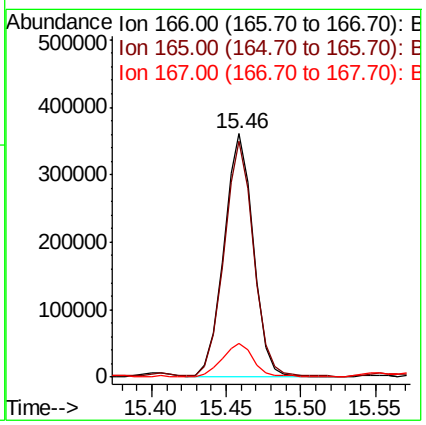


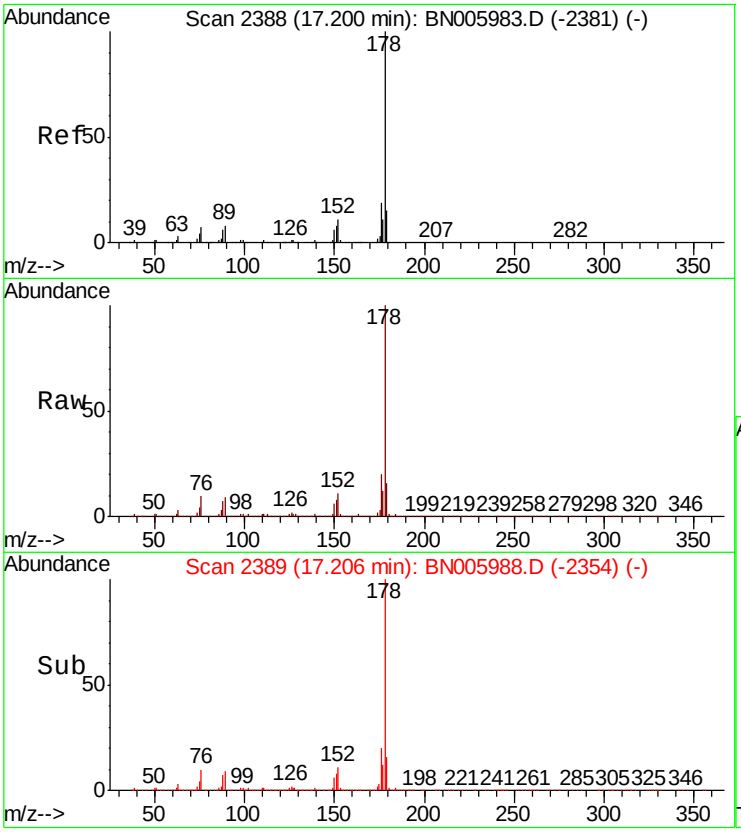


#58
Fluorene
Concen: 6.595 ng/ul
RT: 15.46 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:166 Resp: 495460

Ion	Ratio	Lower	Upper
166	100		
165	97.0	80.0	120.0
167	13.7	10.7	16.1

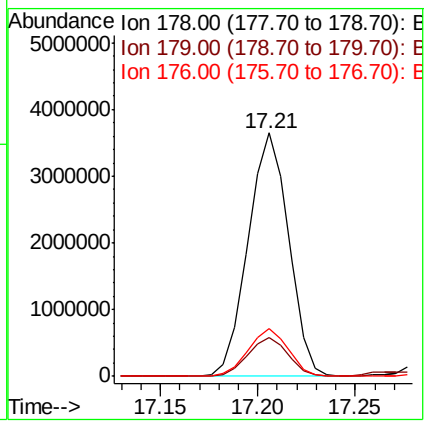




#69
Phenanthrene
Concen: 55.472 ng/ul
RT: 17.21 min Scan# 2389
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:178 Resp: 5246191

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.6	15.1	22.7



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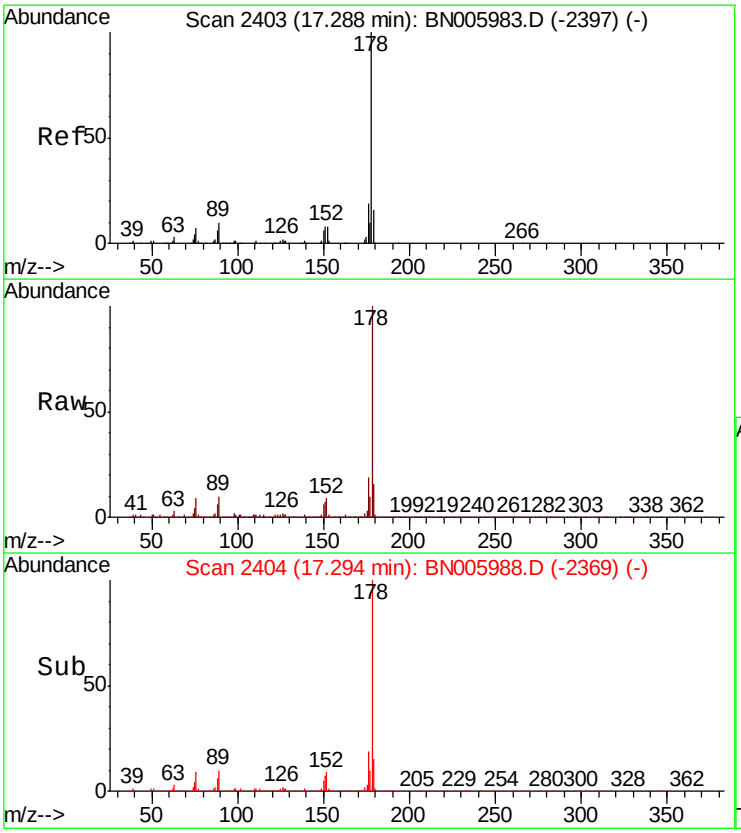
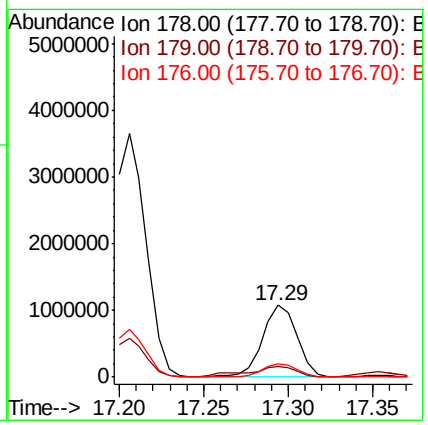
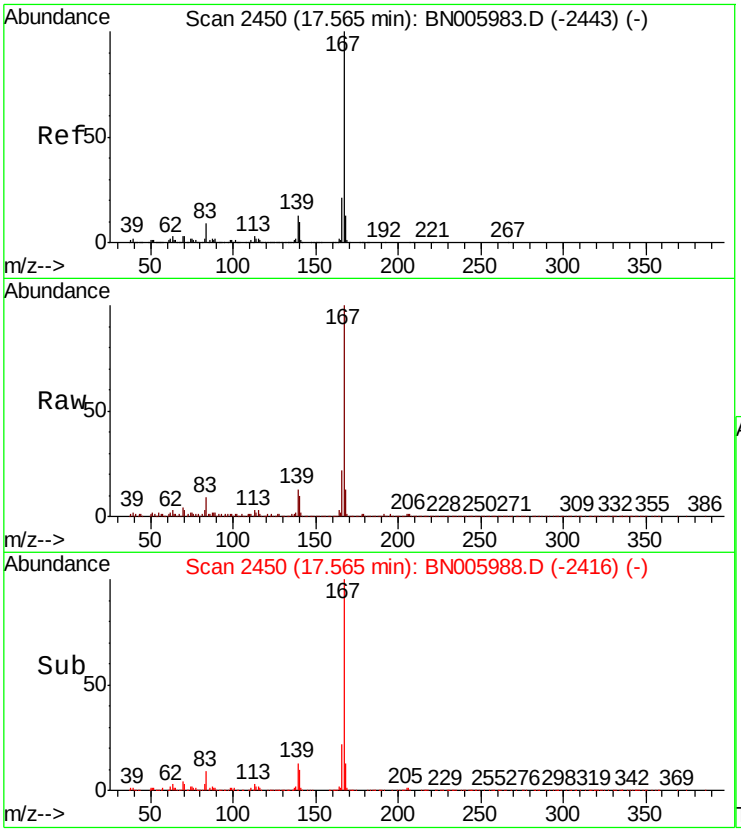


#71
Anthracene
Concen: 16.026 ng/ul
RT: 17.29 min Scan# 2404
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:178 Resp: 1538803

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.7	15.1	22.7

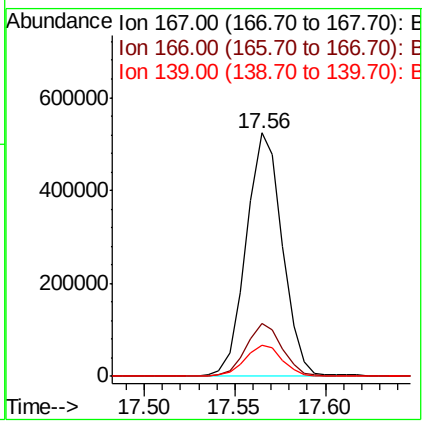




#74
Carbazole
Concen: 8.336 ng/ul
RT: 17.56 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:167 Resp: 721065

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.0	10.6	16.0



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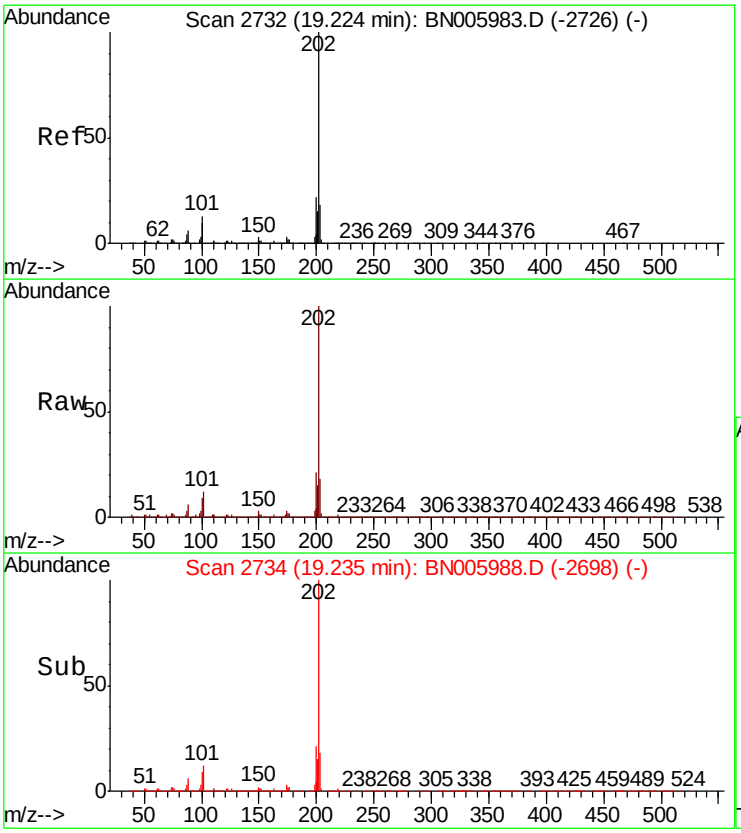
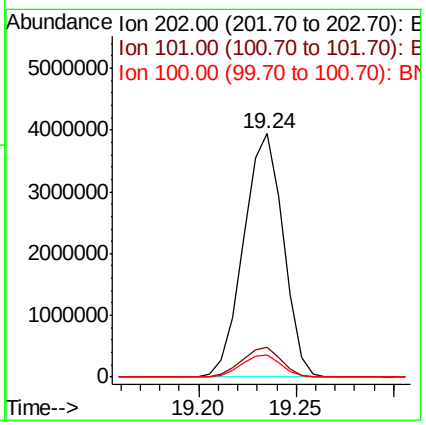
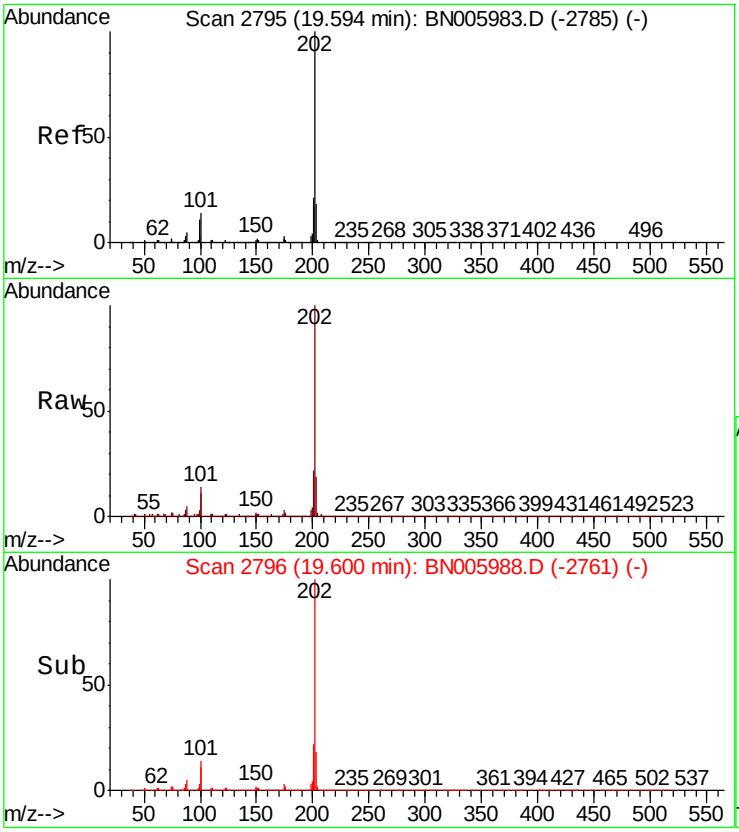


#76
Fluoranthene
Concen: 54.791 ng/ul
RT: 19.24 min Scan# 2734
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:202 Resp: 5531759

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.6	12.8
100	9.1	6.3	9.5

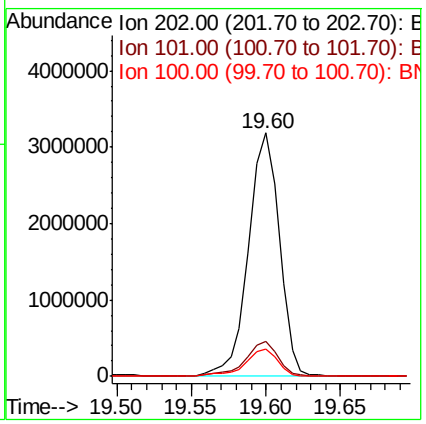




#79
Pyrene
Concen: 60.047 ng/ul
RT: 19.60 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:202 Resp: 4539058

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.3	15.5
100	11.2	7.9	11.9



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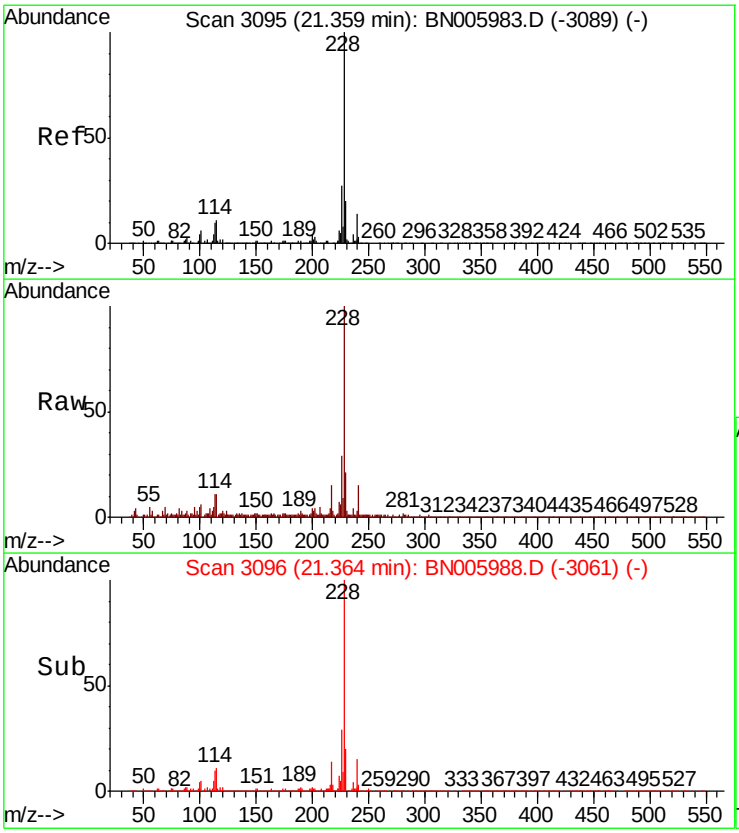
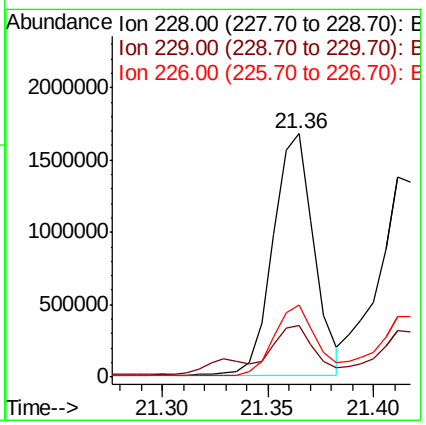
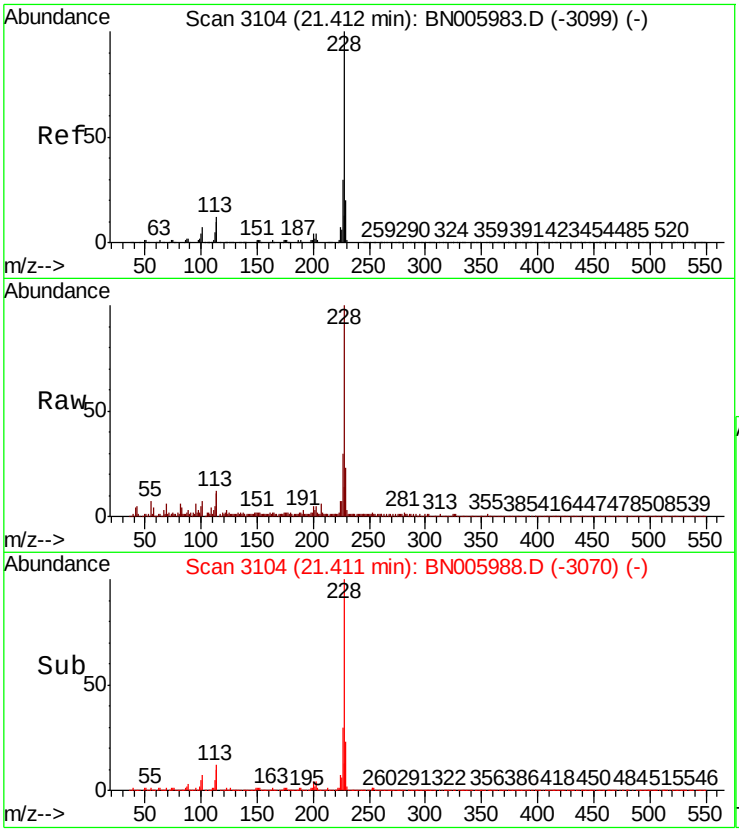


#82
Benzo(a)anthracene
Concen: 30.294 ng/ul
RT: 21.36 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:228 Resp: 2272451

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	29.4	21.4	32.2

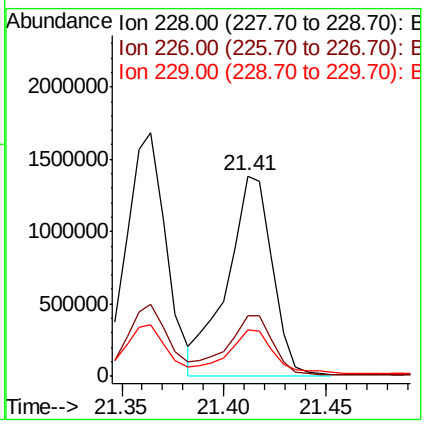




#84
Chrysene
Concen: 30.648 ng/ul m
RT: 21.41 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:228 Resp: 2144234

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	23.4	15.4	23.0#



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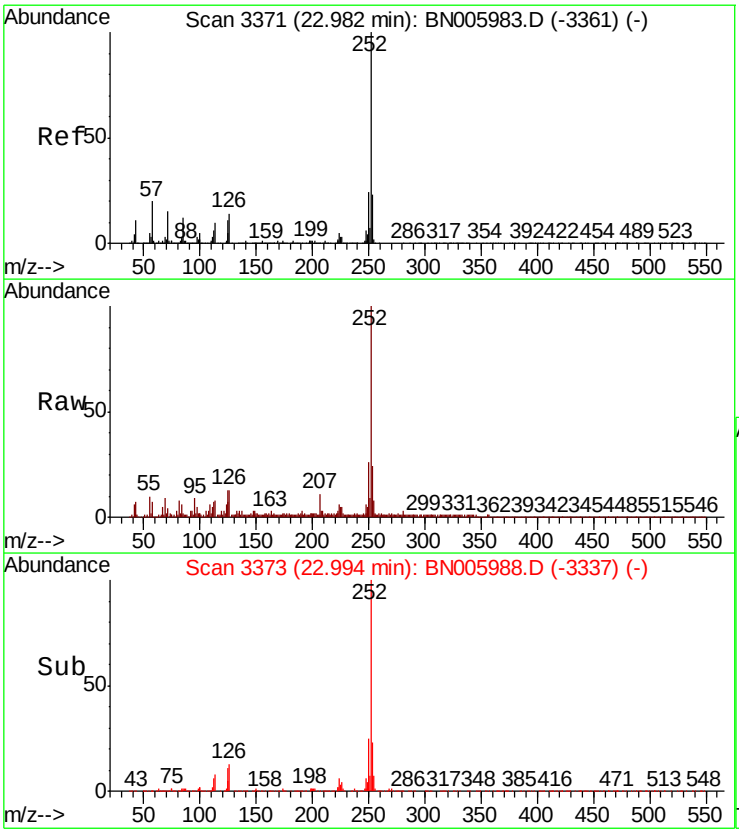
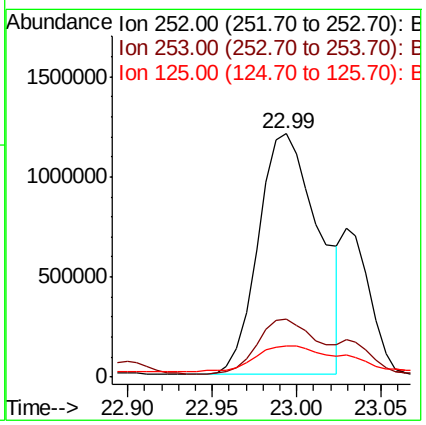
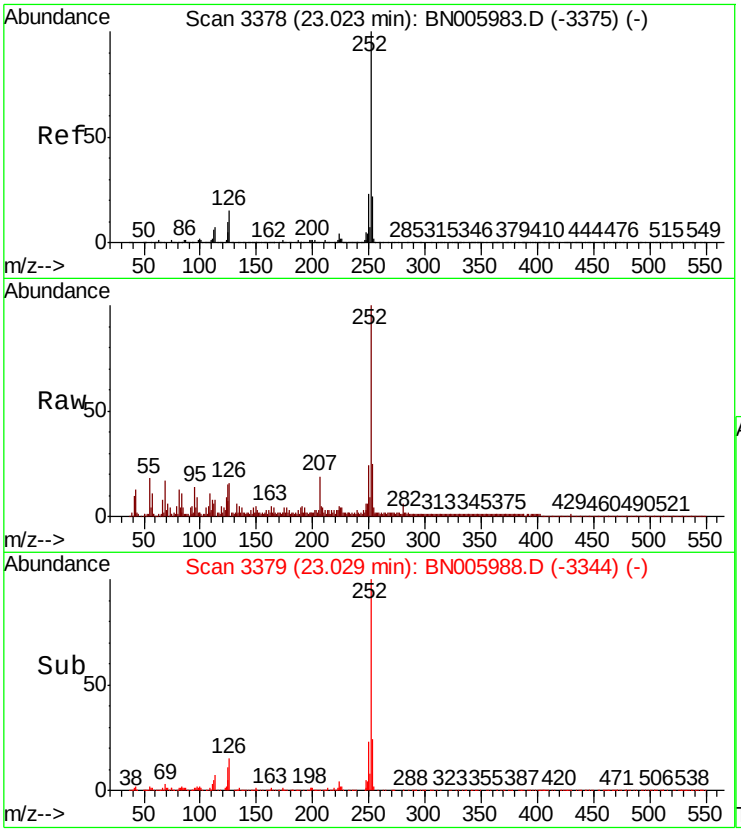


#87
Benzo(b)fluoranthene
Concen: 37.863 ng/ul
RT: 22.99 min Scan# 3373
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:252 Resp: 3011215

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	13.0	8.4	12.6#

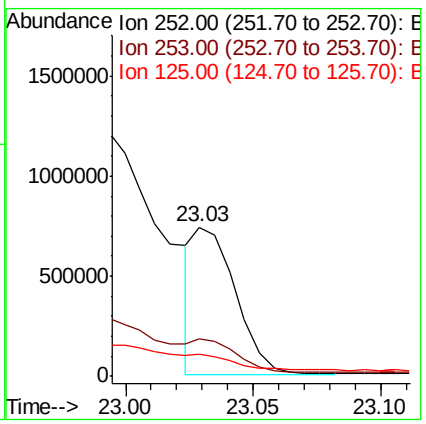




#88
Benzo(k)fluoranthene
Concen: 11.684 ng/ul m
RT: 23.03 min Scan# 3379
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:252 Resp: 854351

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.4	26.0
125	14.8	7.5	11.3#



Instrument :
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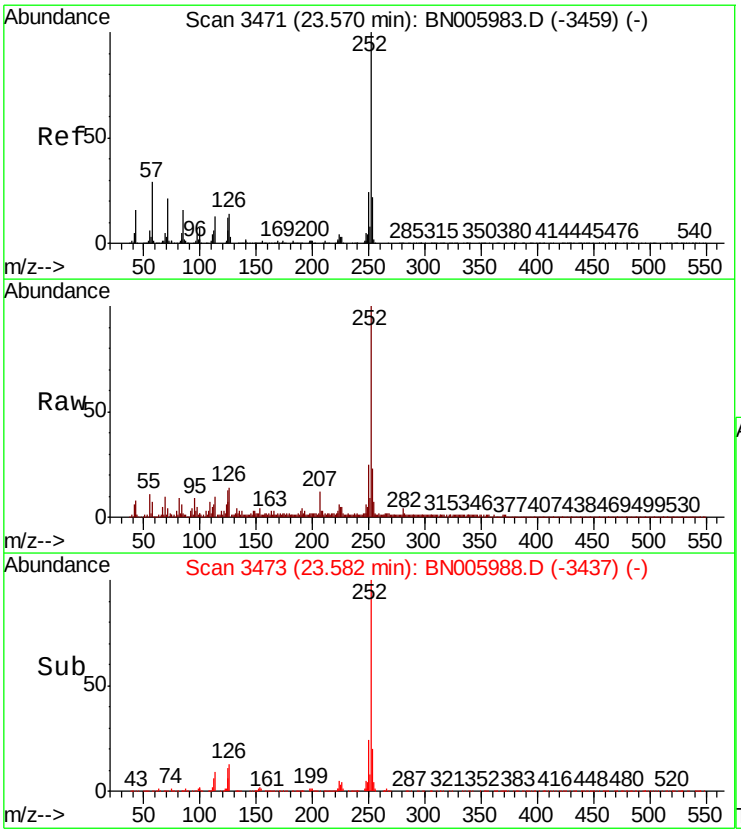
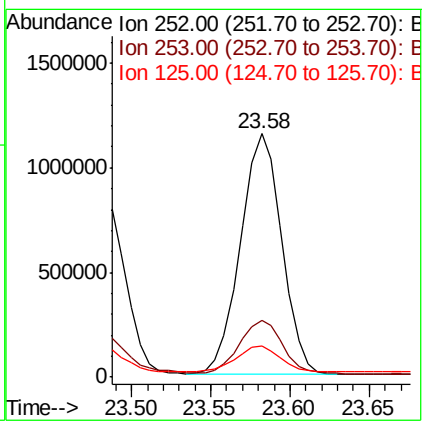
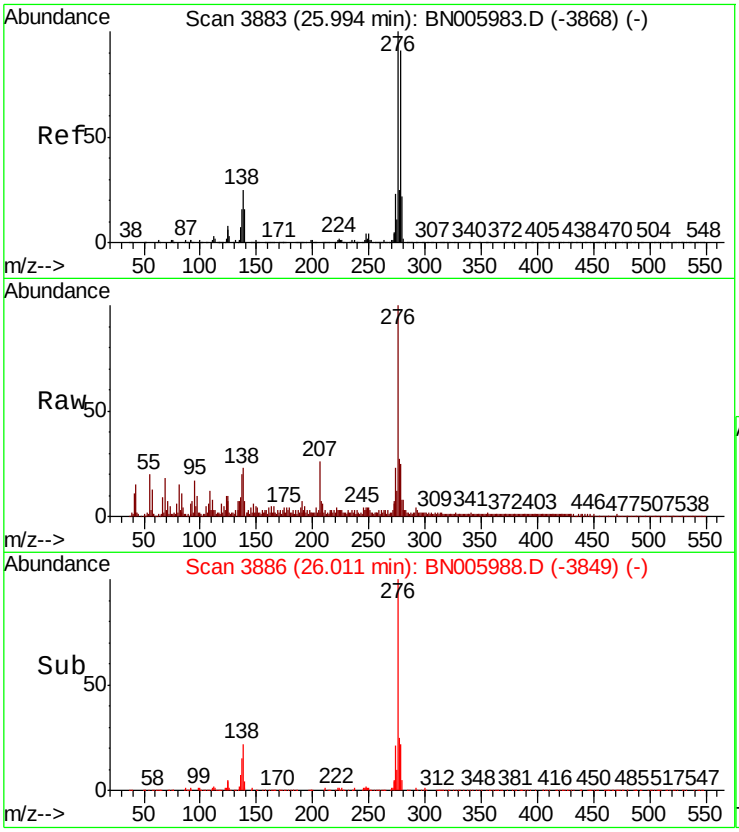


#90
Benzo(a)pyrene
Concen: 27.673 ng/ul
RT: 23.58 min Scan# 3473
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:252 Resp: 2075409

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	13.0	8.6	13.0#

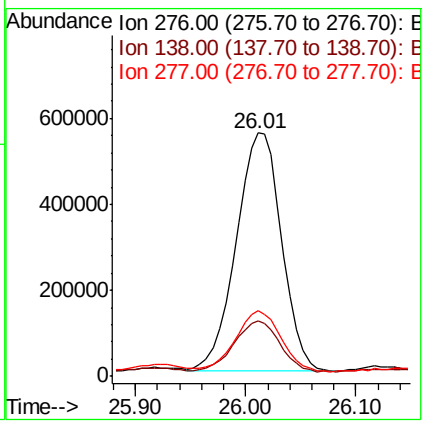




#91
Indeno(1,2,3-cd)pyrene
Concen: 18.172 ng/ul
RT: 26.01 min Scan# 3886
Delta R.T. 0.02 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:276 Resp: 1599169

Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.9	26.9
277	26.8	19.7	29.5



Instrument :
BNA_N
ClientSampleId :
A42D7

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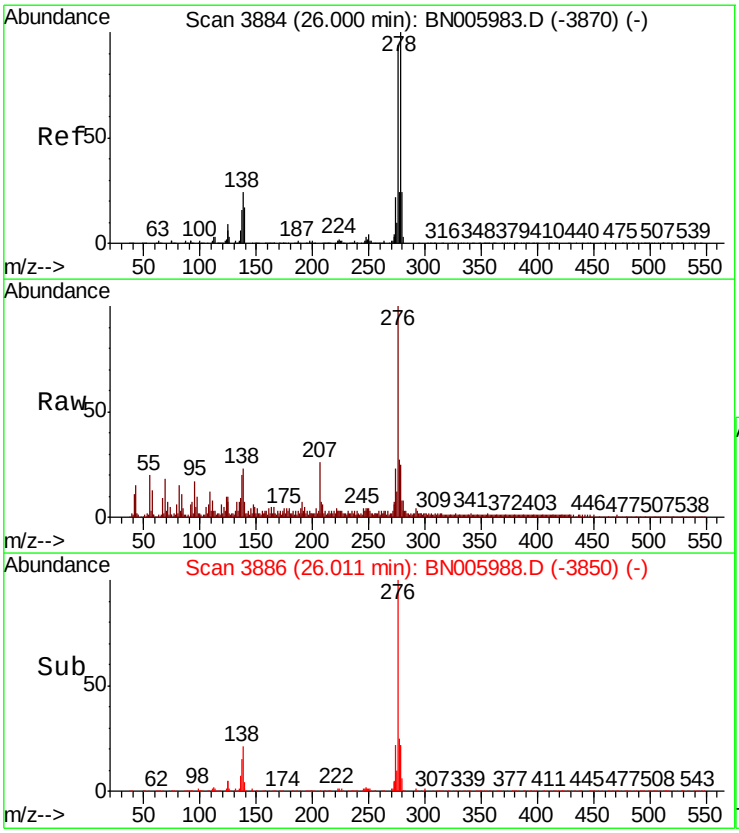
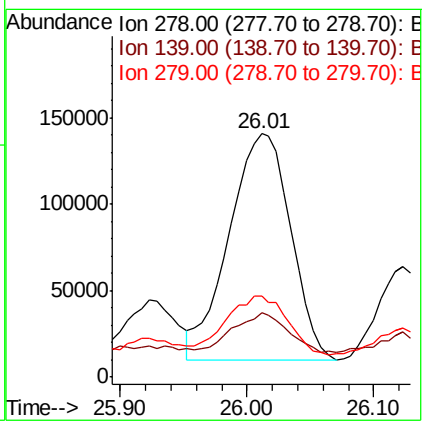
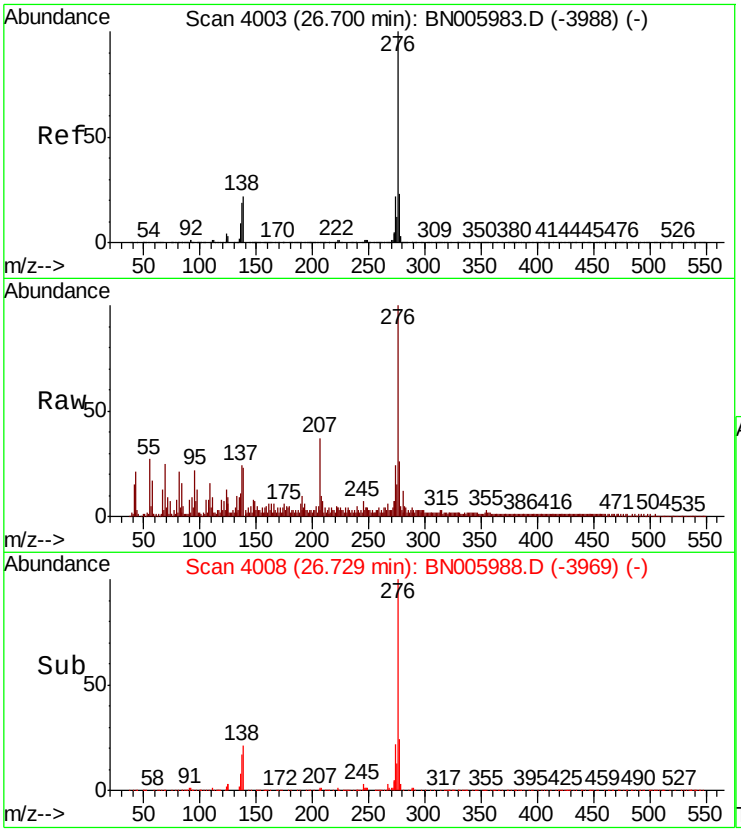


#92
Dibenzo(a,h)anthracene
Concen: 6.028 ng/ul
RT: 26.01 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:278 Resp: 441646

Ion	Ratio	Lower	Upper
278	100		
139	26.2	13.1	19.7#
279	33.2	19.4	29.0#

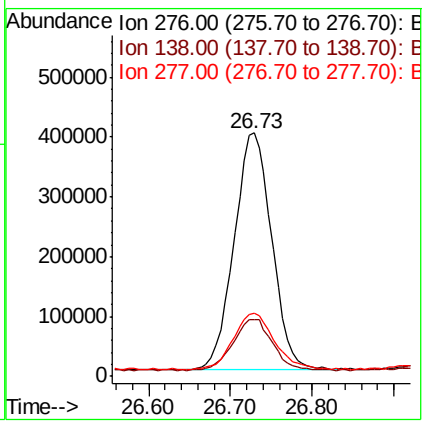




#93
Benzo(g,h,i)perylene
Concen: 17.096 ng/ul
RT: 26.73 min Scan# 4008
Delta R.T. 0.03 min
Lab File: BN005988.D
Acq: 31 May 2019 20:02

Tgt Ion:276 Resp: 1267109

Ion	Ratio	Lower	Upper
276	100		
138	23.4	16.7	25.1
277	26.1	18.2	27.2



Instrument :
BNA_N
ClientSampleId :
A42D7

Manual Integrations APPROVED
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