

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002960.D
 Acq On : 05 Oct 2018 11:02
 Operator : MJ/SJ
 Sample : J5183-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC19

Manual Integrations
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 10/8/2018 5:53:15 PM

Quant Time: Oct 06 01:32:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 06 01:07:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	118329	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	539134	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	326227	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	724253	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	540397	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	530494	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9754	3.80	ng/uL	0.00
5) Phenol-d5	6.82	99	236076	23.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	147096	23.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	201588	24.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	183856	23.62	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	102084	24.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	121627	25.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	205414	24.08	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	208268	21.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	651168	25.50	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	861896	25.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	78431	18.58	ng/ul	0.02
57) Fluorene-d10	15.26	176	598224	26.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	42416	9.36	ng/ul	0.00
70) Anthracene-d10	17.12	188	897597	25.96	ng/ul	0.00
78) Pyrene-d10	19.42	212	842521	29.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	714962	25.60	ng/ul	0.02

Target Compounds

					Qvalue
6) Phenol	6.85	94	48748	4.811 ng/ul	99
14) Acetophenone	8.45	105	58257	4.859 ng/ul	99
28) Naphthalene	10.45	128	36259	1.305 ng/ul#	96
44) Dimethylphthalate	13.72	163	472596	18.962 ng/ul	99
47) Acenaphthylene	13.98	152	31822	1.016 ng/ul	97
49) Acenaphthene	14.33	153	57772	2.604 ng/ul	99
53) Dibenzofuran	14.67	168	38414	1.259 ng/ul	100
58) Fluorene	15.32	166	53631	2.194 ng/ul	98
69) Phenanthrene	17.06	178	1351854	33.877 ng/ul	100
71) Anthracene	17.15	178	335254	8.286 ng/ul	99
74) Carbazole	17.43	167	201362	5.799 ng/ul	99
75) Di-n-butylphthalate	17.99	149	680698	16.340 ng/ul	99
76) Fluoranthene	19.09	202	3458461	81.246 ng/ul	99
79) Pyrene	19.46	202	3482878	97.478 ng/ul	97
80) Butylbenzylphthalate	20.36	149	463684	31.187 ng/ul	94
82) Benzo(a)anthracene	21.22	228	1937182	57.624 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.15	149	3988725	184.793 ng/ul#	97
84) Chrysene	21.27	228	3952245	125.428 ng/ul	97
86) Di-n-octyl phthalate	22.02	149	105907	3.020 ng/ul#	22
87) Benzo(b)fluoranthene	22.79	252	4024665	124.225 ng/ul#	96
88) Benzo(k)fluoranthene	22.83	252	943693m	31.222 ng/ul	
90) Benzo(a)pyrene	23.36	252	1666563	54.411 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	1438236	39.663 ng/ul	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Dibenzo(a,h)anthracene	25.66	278	426579	13.962	ng/ul#	92
93) Benzo(g,h,i)perylene	26.34	276	1516782	50.039	ng/ul	99

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

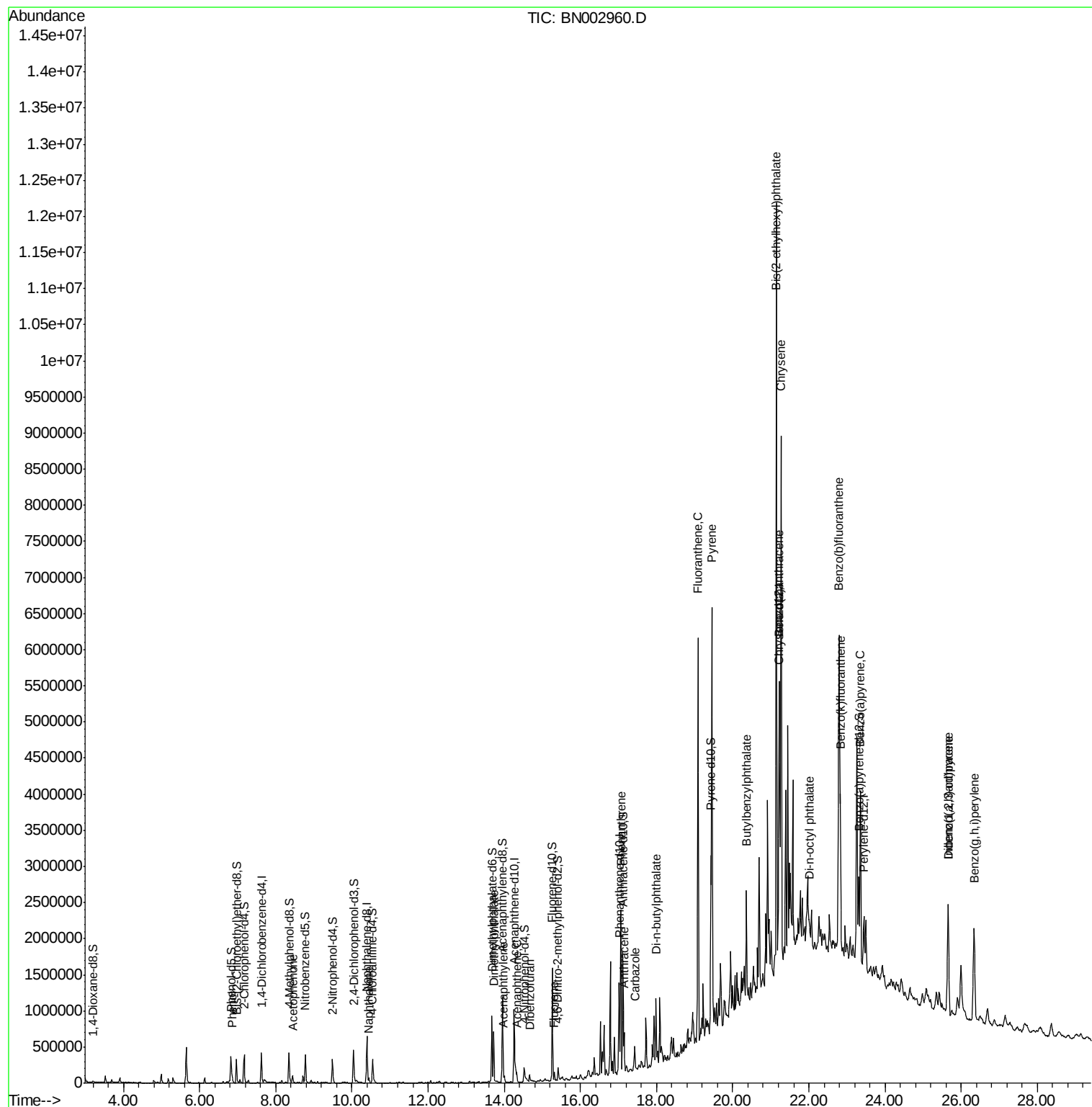
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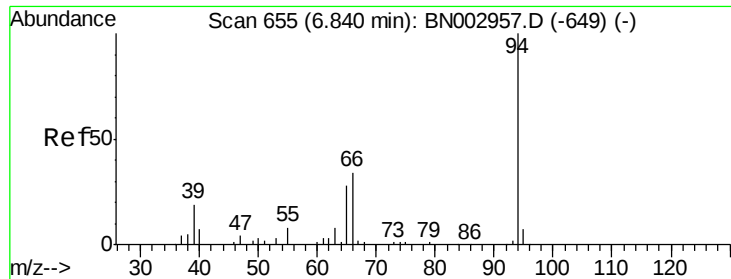
Instrument :
BNA_N
ClientSampled :
JLC19

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#6

Phenol

Concen: 4.811 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Instrument :

BNA_N

ClientSampleId :

JLC19

Tgt Ion: 94 Resp: 48748

Ion Ratio Lower Upper

94 100

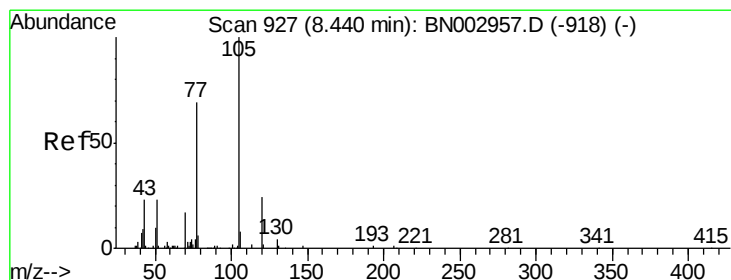
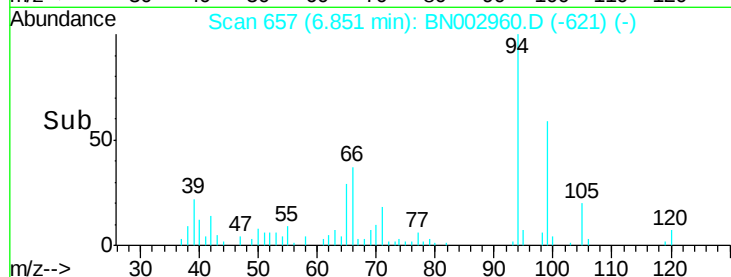
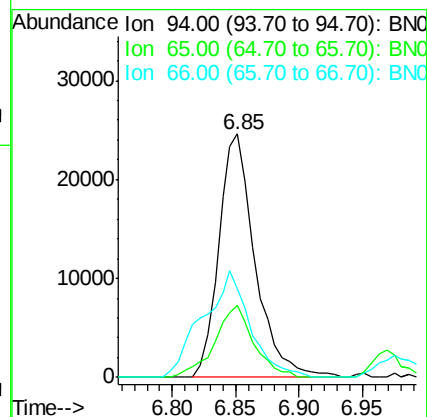
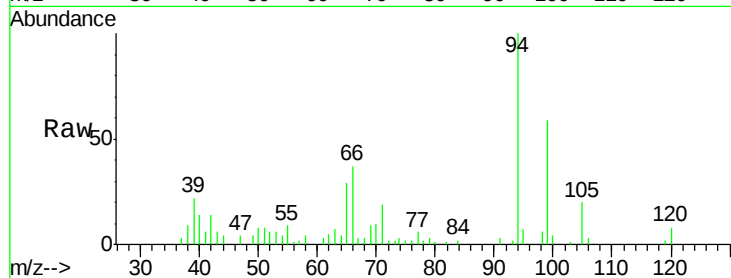
65 29.4 23.1 34.7

66 36.7 29.8 44.6

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#14

Acetophenone

Concen: 4.859 ng/ul

RT: 8.45 min Scan# 928

Delta R.T. 0.01 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

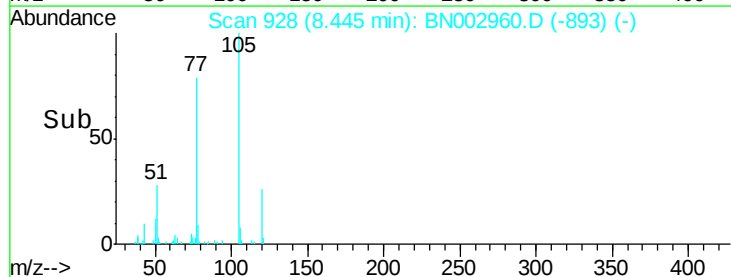
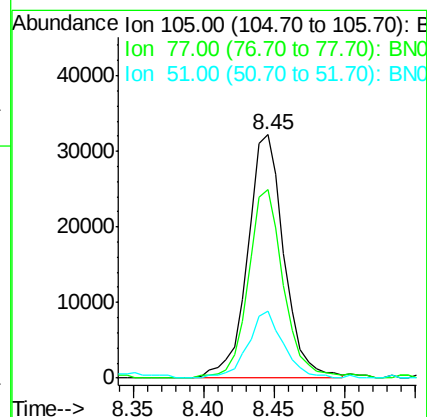
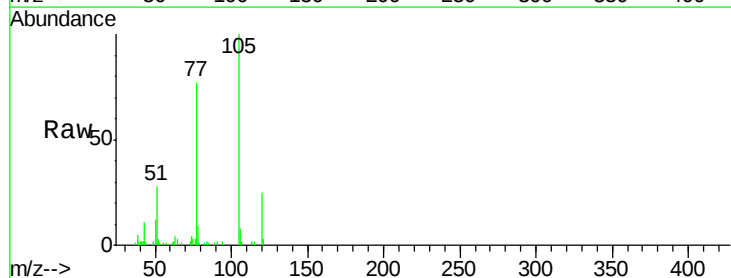
Tgt Ion: 105 Resp: 58257

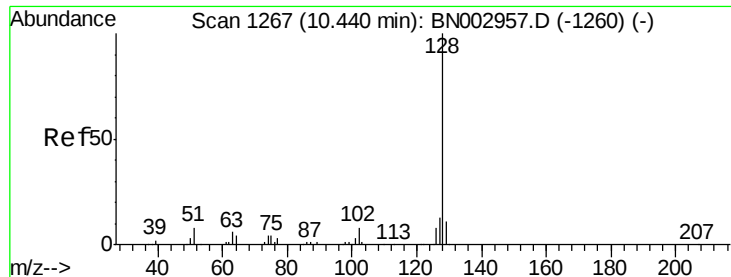
Ion Ratio Lower Upper

105 100

77 77.2 62.9 94.3

51 27.7 21.9 32.9





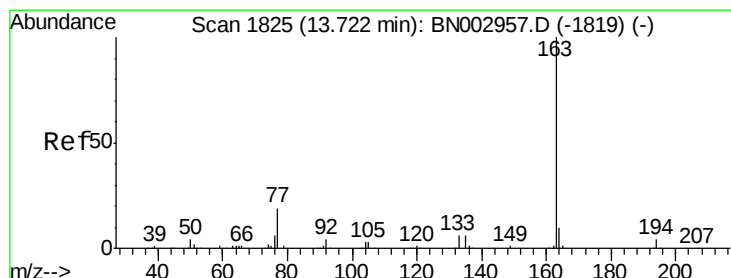
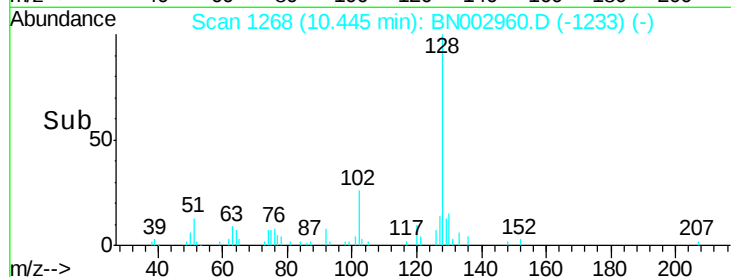
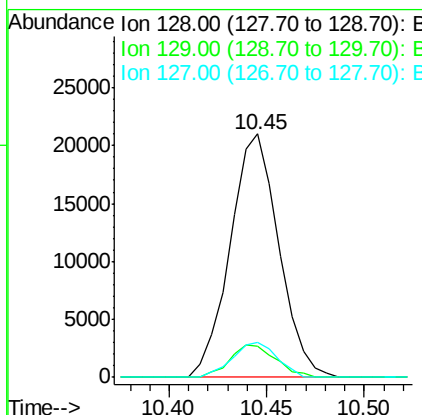
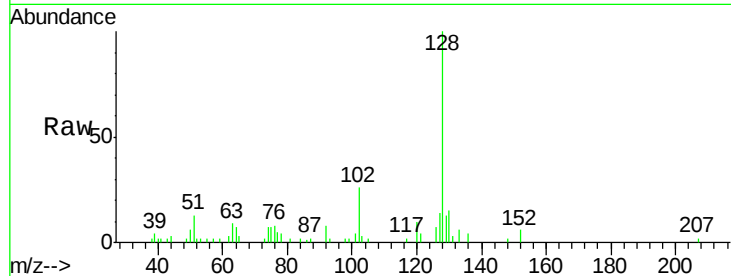
#28
Naphthalene
Concen: 1.305 ng/ul
RT: 10.45 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Instrument :
BNA_N
ClientSampled :
JLC19

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.3	12.5#
127	14.3	10.5	15.7

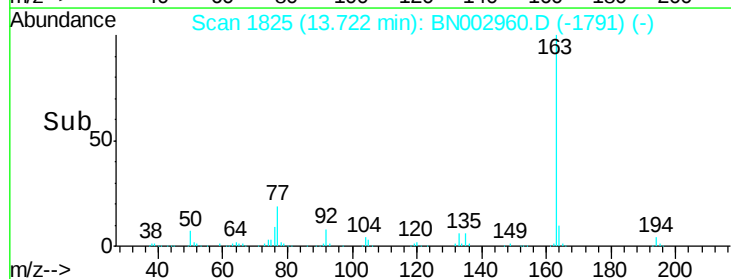
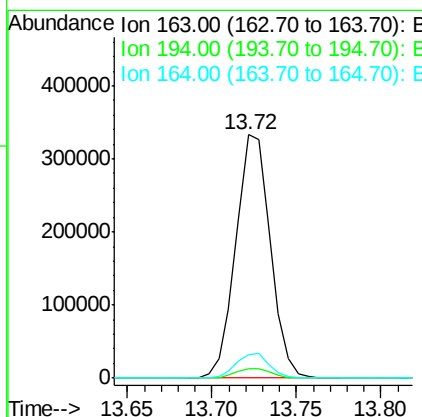
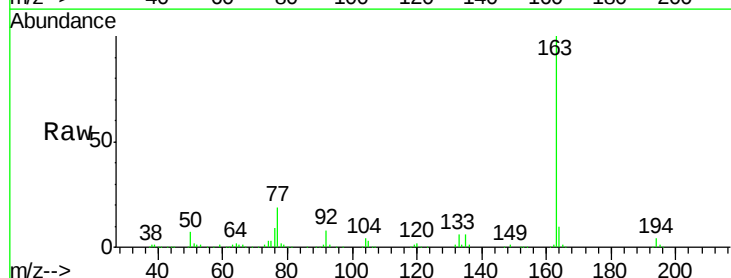
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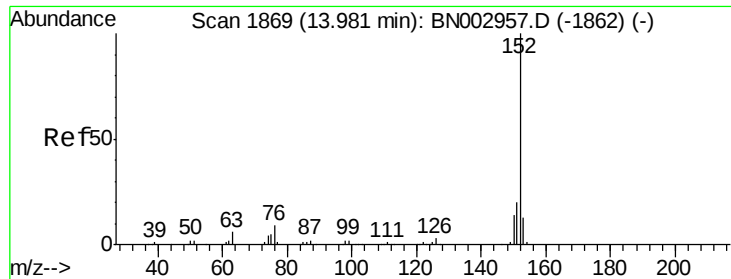
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#44
Dimethylphthalate
Concen: 18.962 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.9	8.1	12.1





#47

Acenaphthylene

Concen: 1.016 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Instrument :

BNA_N

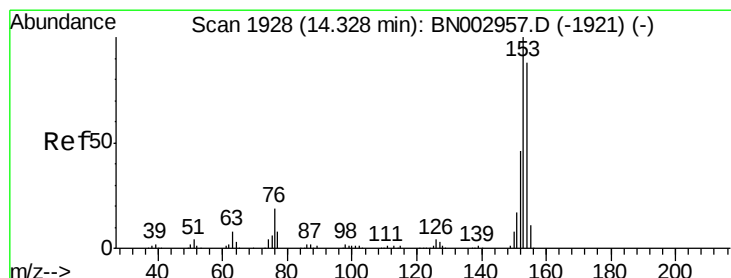
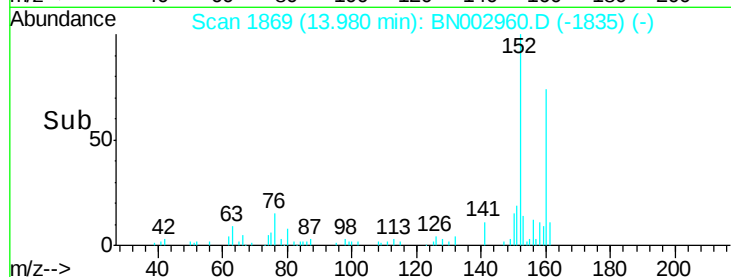
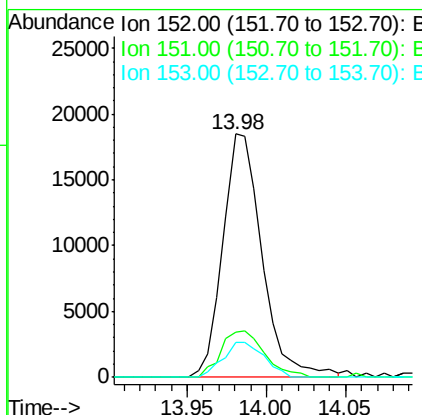
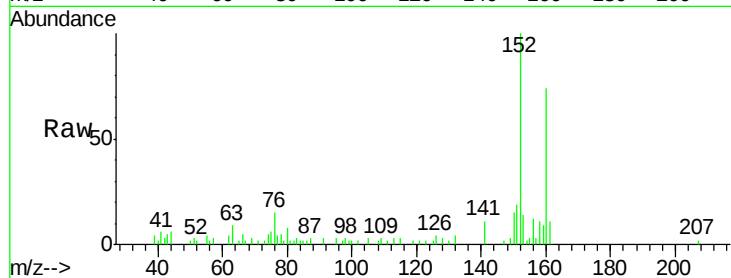
ClientSampled :

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Tgt Ion:	152	Resp:	31822
Ion Ratio	Lower	Upper	
152	100		
151	18.7	16.0	24.0
153	14.4	10.6	16.0

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#49

Acenaphthene

Concen: 2.604 ng/ul

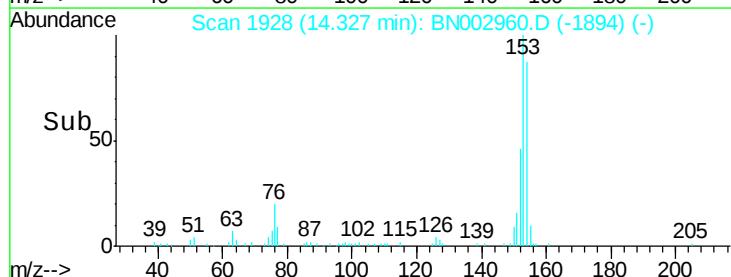
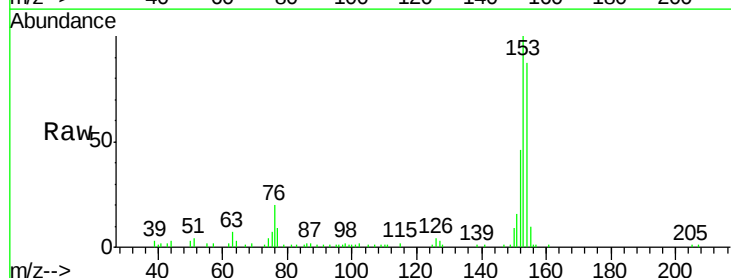
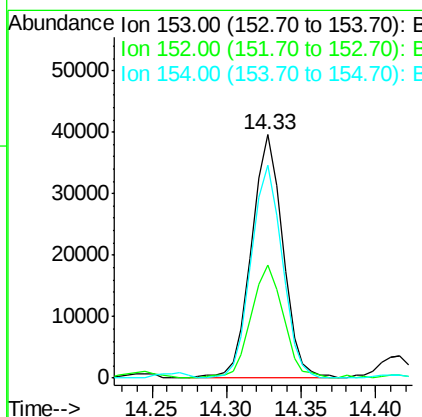
RT: 14.33 min Scan# 1928

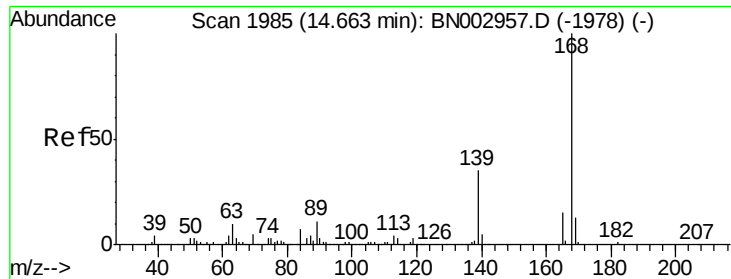
Delta R.T. -0.00 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Tgt Ion:	153	Resp:	57772
Ion Ratio	Lower	Upper	
153	100		
152	46.3	37.8	56.6
154	87.4	70.9	106.3





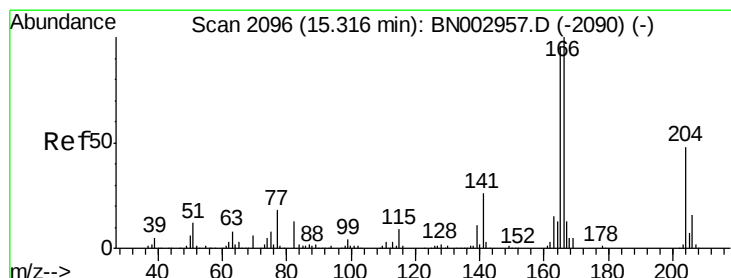
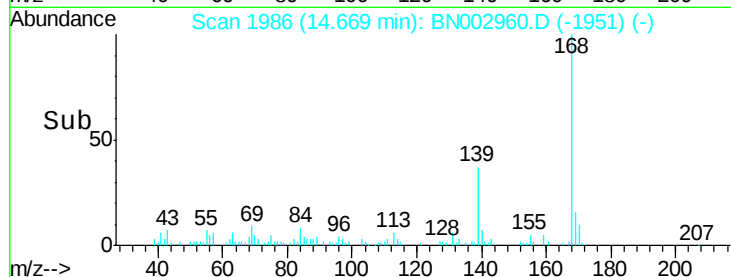
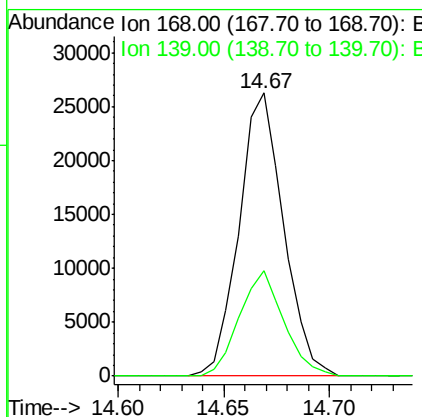
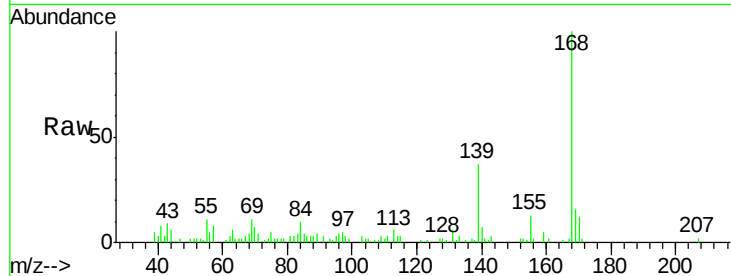
#53
Dibenzenofuran
Concen: 1.259 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Instrument :
BNA_N
ClientSampled :
JLC19

Tgt Ion:168 Resp: 38414
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.2

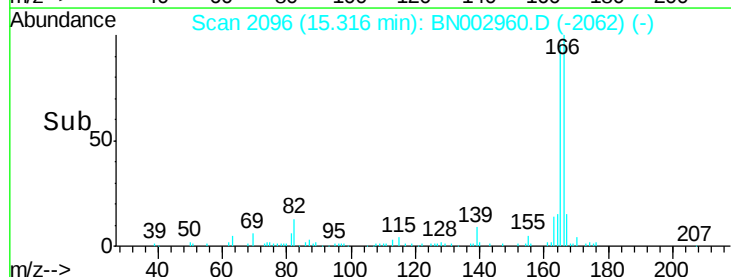
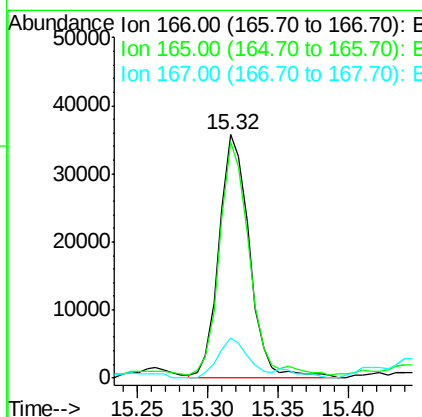
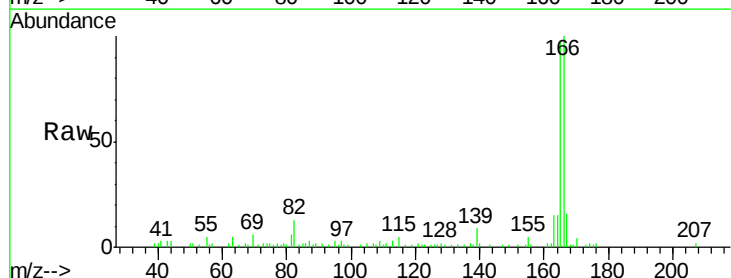
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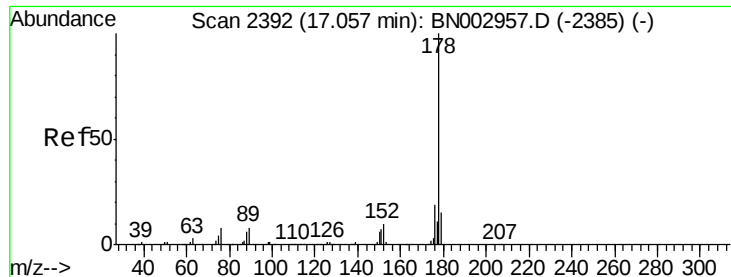
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#58
Fluorene
Concen: 2.194 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Tgt Ion:166 Resp: 53631
Ion Ratio Lower Upper
166 100
165 97.0 78.3 117.5
167 16.2 11.0 16.6





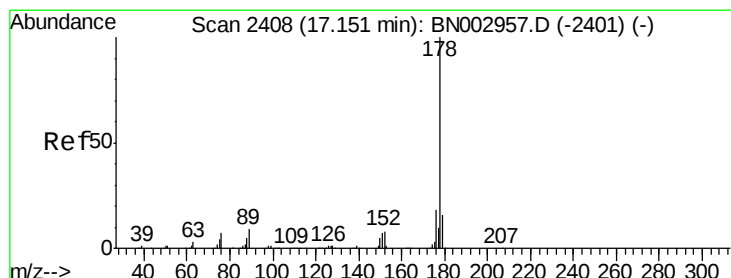
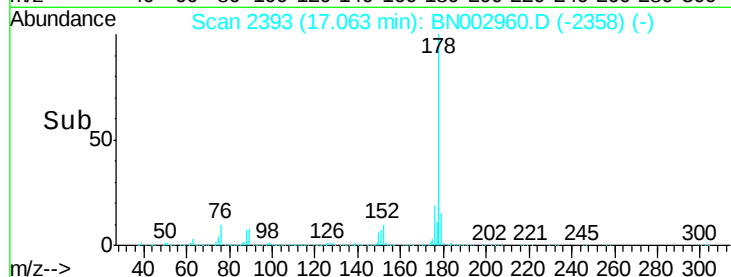
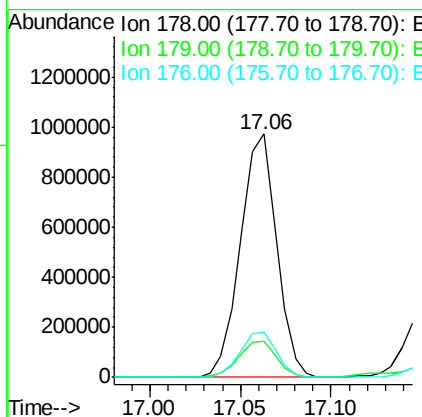
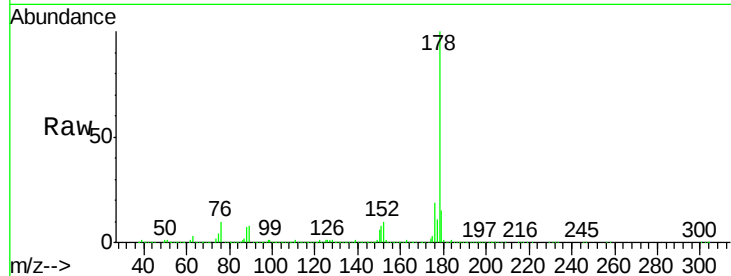
#69
Phenanthrene
Concen: 33.877 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Instrument :
BNA_N
ClientSampleId :
JLC19

Tgt Ion:178 Resp: 1351854
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.4
176 18.7 15.0 22.6

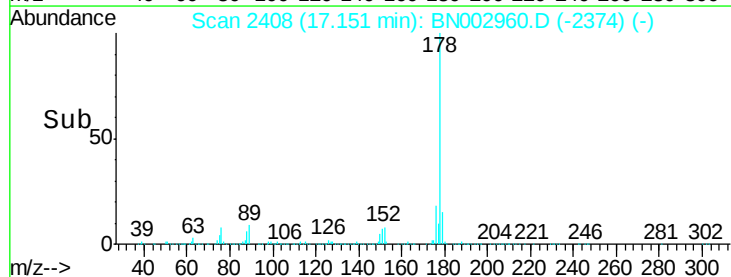
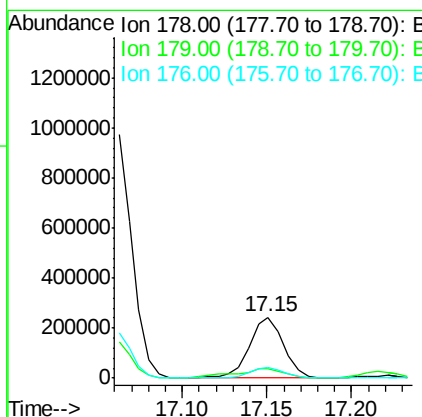
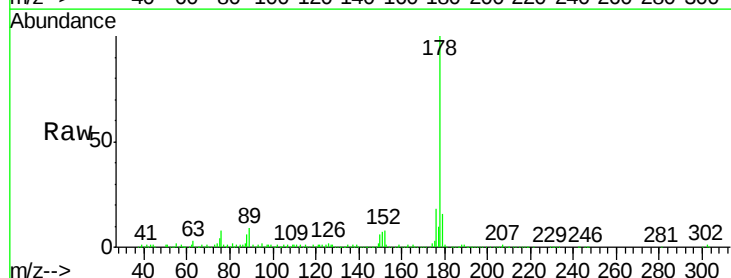
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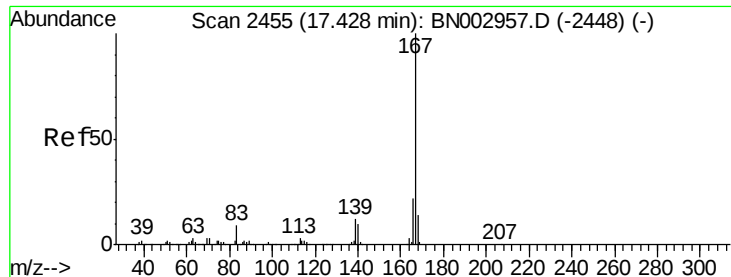
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#71
Anthracene
Concen: 8.286 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Tgt Ion:178 Resp: 335254
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 18.2 15.0 22.4





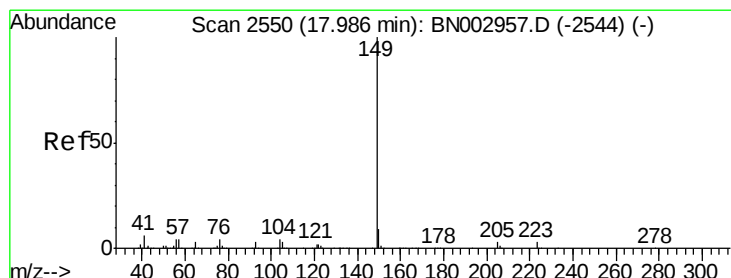
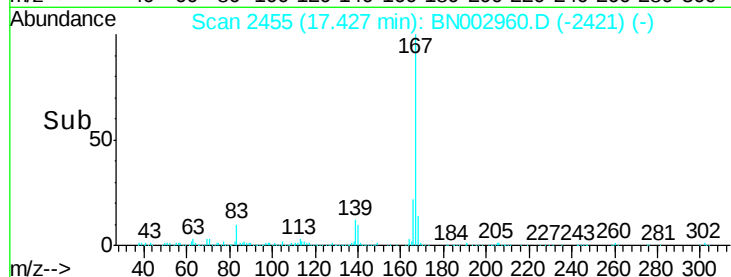
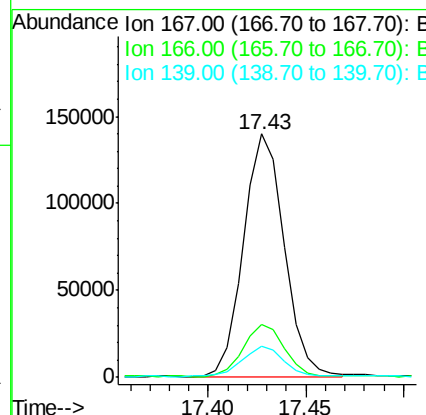
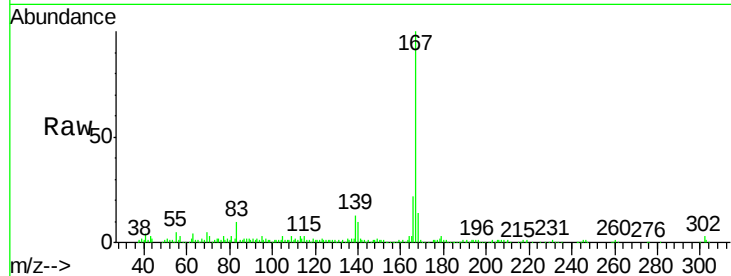
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 Carbazole
 Concen: 5.799 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BN002960.D
 Acq: 05 Oct 2018 11:02

Instrument :
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 ClientSampleId :
 JLC19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.0	25.6
139	12.8	10.7	16.1

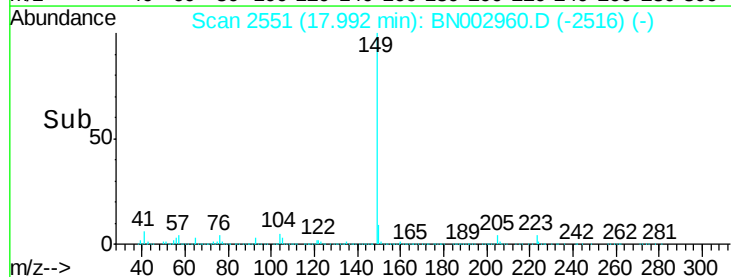
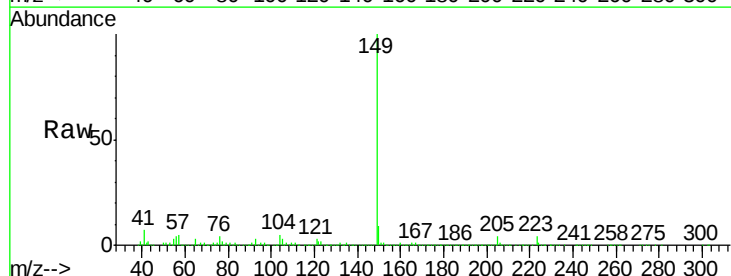
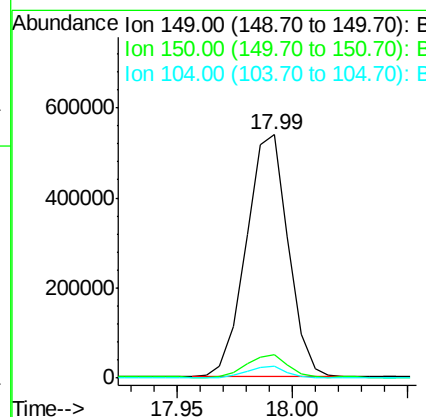
Manual Integrations
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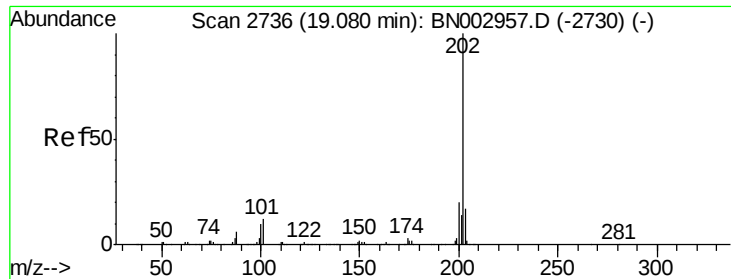
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#75
 Di-n-butylphthalate
 Concen: 16.340 ng/ul
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BN002960.D
 Acq: 05 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.7	3.7	5.5





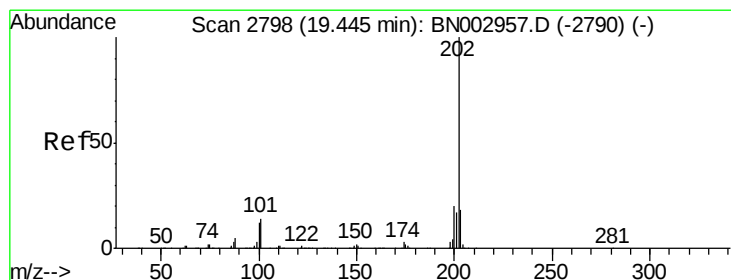
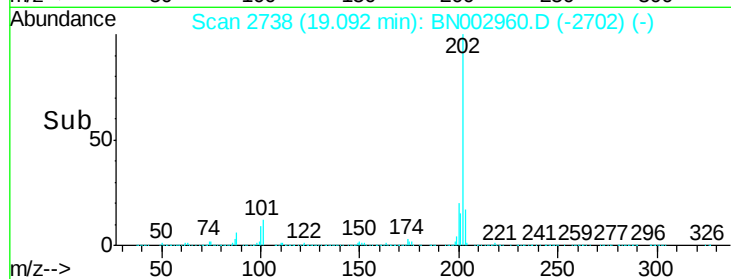
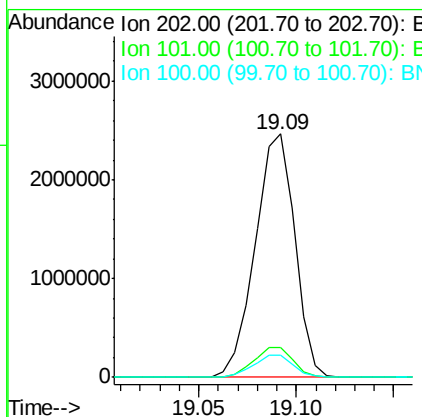
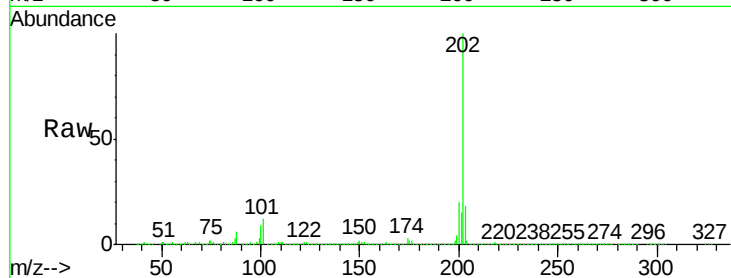
#76
Fluoranthene
Concen: 81.246 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. 0.01 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Instrument :
BNA_N
ClientSampleId :
JLC19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.4	14.2
100	9.2	7.0	10.6

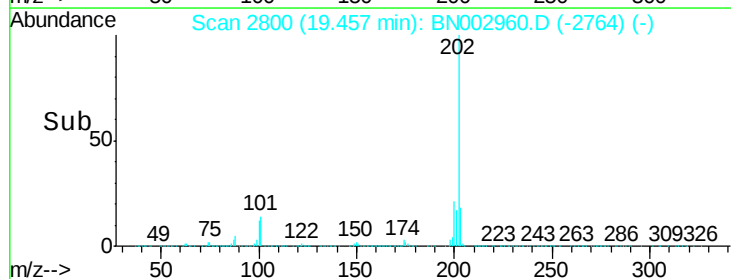
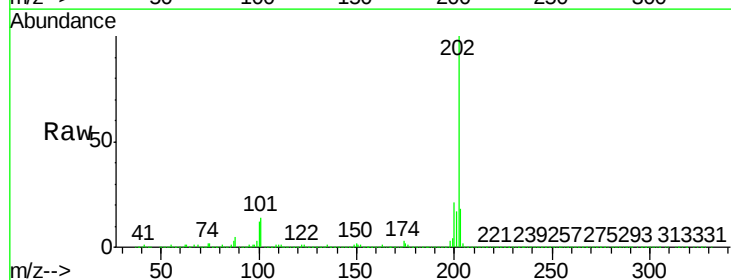
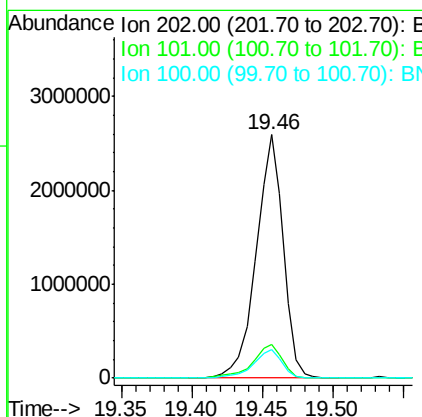
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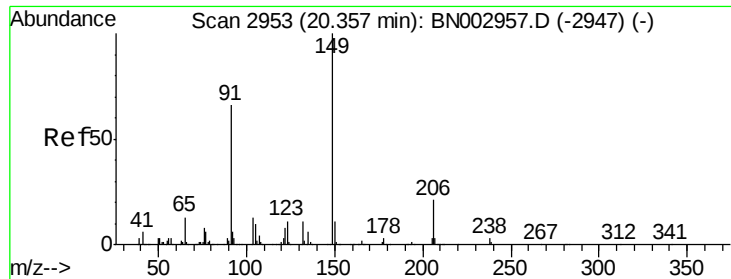
Sohil
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#79
Pyrene
Concen: 97.478 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.8	16.2
100	11.7	8.2	12.2





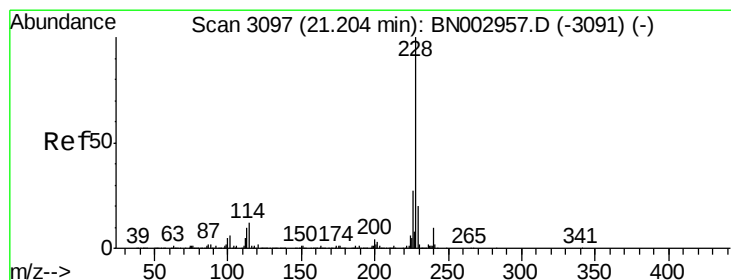
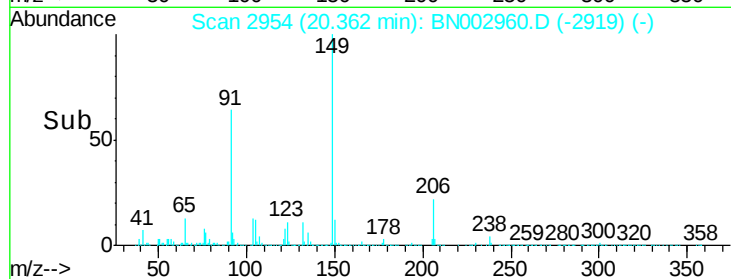
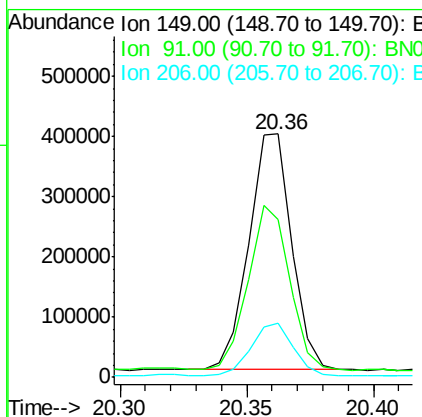
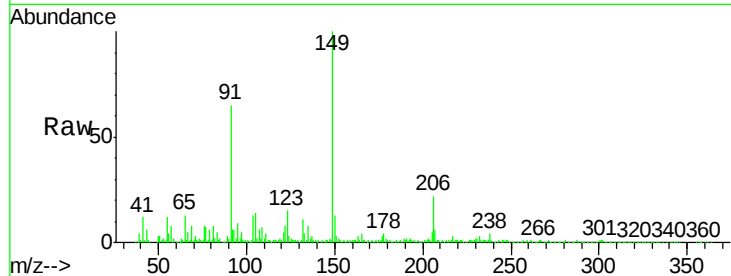
#80
Butylbenzylphthalate
Concen: 31.187 ng/ul
RT: 20.36 min Scan# 2954
Delta R.T. 0.01 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Instrument :
BNA_N
ClientSampled :
JLC19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	463684		
91	65.0	56.3	84.5	
206	22.4	16.8	25.2	

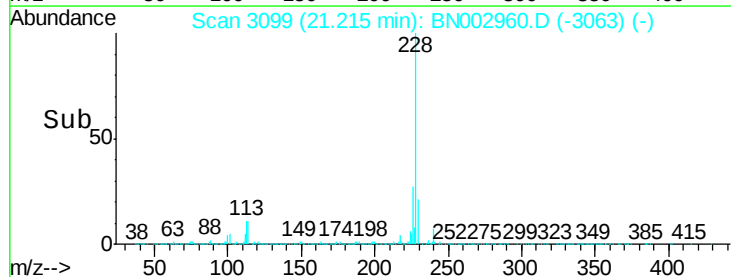
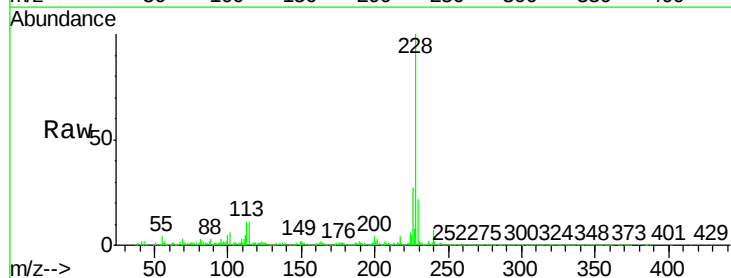
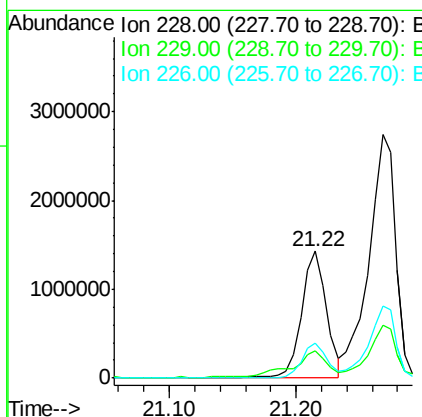
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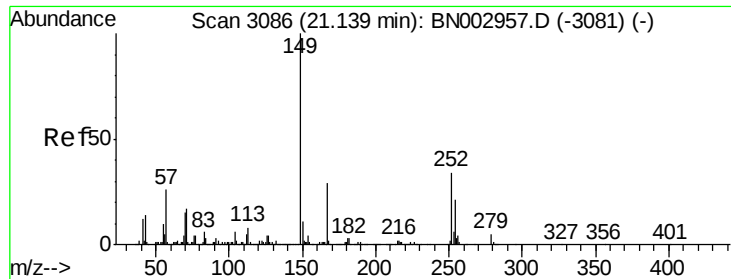
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#82
Benzo(a)anthracene
Concen: 57.624 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1937182		
229	21.6	15.8	23.6	
226	27.5	20.9	31.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 184.793 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Instrument :

BNA_N

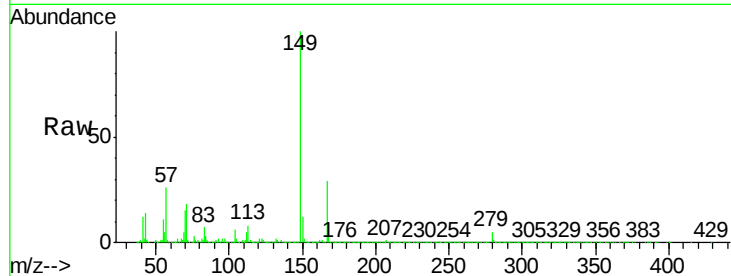
ClientSampleId :

JLC19

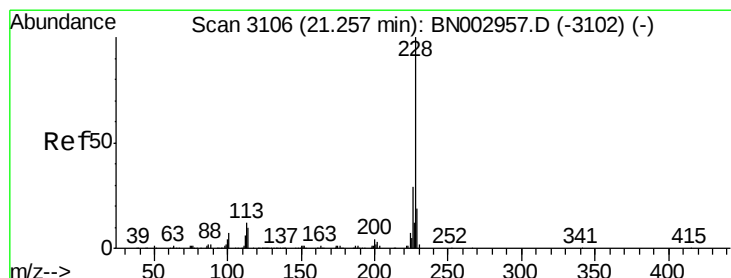
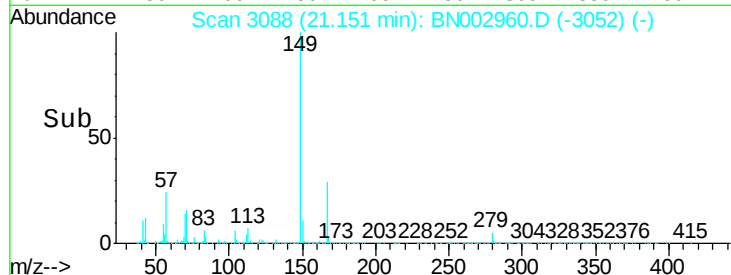
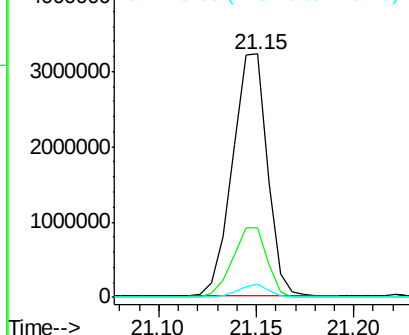
Tgt Ion:	149	Resp:	3988725
Ion Ratio	Lower	Upper	
149	100		
167	28.8	22.0	33.0
279	5.2	3.3	4.9

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 125.428 ng/ul

RT: 21.27 min Scan# 3108

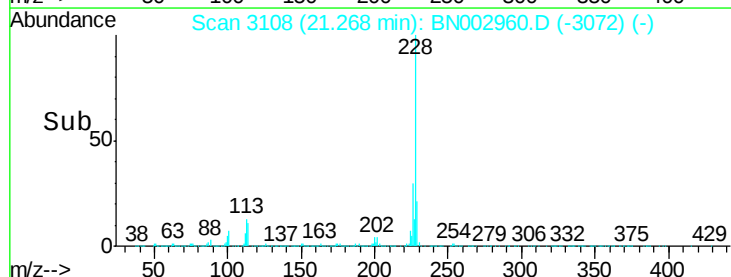
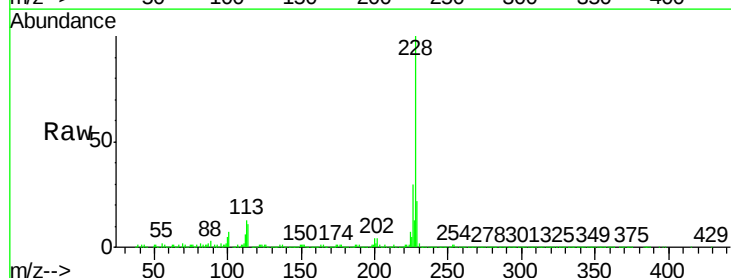
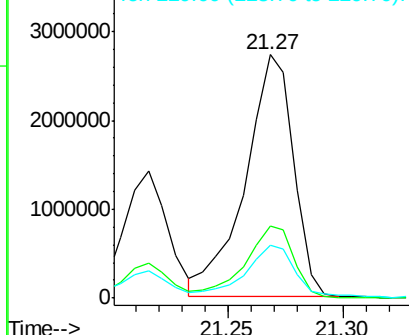
Delta R.T. 0.01 min

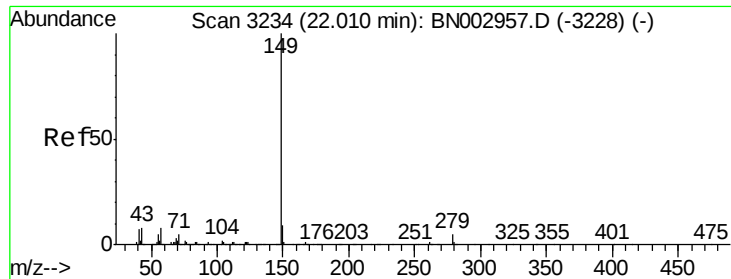
Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Tgt Ion:	228	Resp:	3952245
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	21.8	15.7	23.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#86

Di-n-octyl phthalate

Concen: 3.020 ng/ul

RT: 22.02 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Instrument :

BNA_N

ClientSampleId :

JLC19

Tgt Ion:149 Resp: 105907
Ion Ratio Lower Upper

149 100

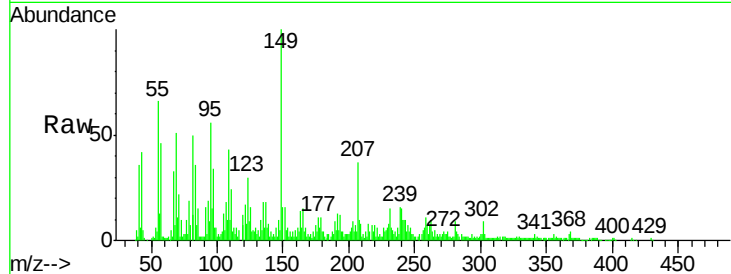
167 6.1 1.4 2.0#

43 42.0 7.4 11.0#

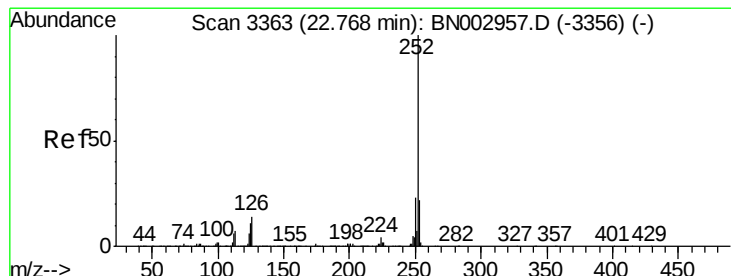
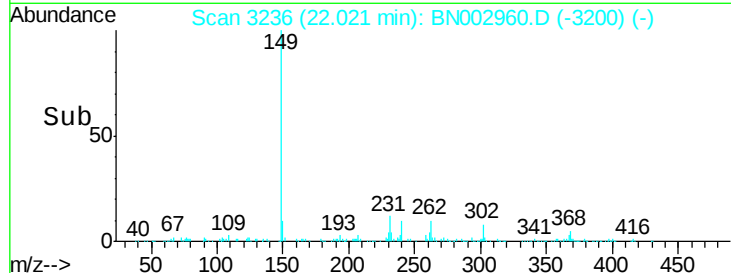
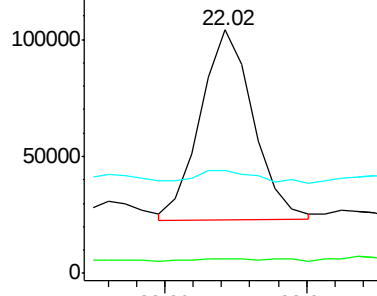
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC



#87

Benzo(b)fluoranthene

Concen: 124.225 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. 0.02 min

Lab File: BN002960.D

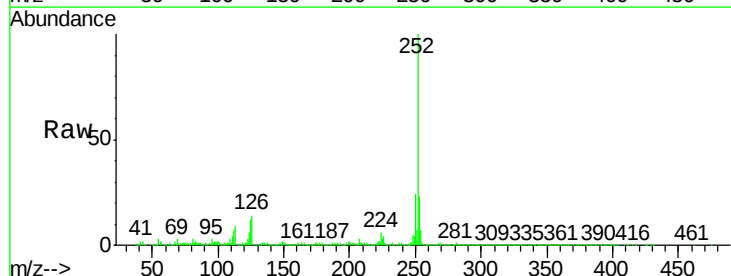
Acq: 05 Oct 2018 11:02

Tgt Ion:252 Resp: 4024665
Ion Ratio Lower Upper

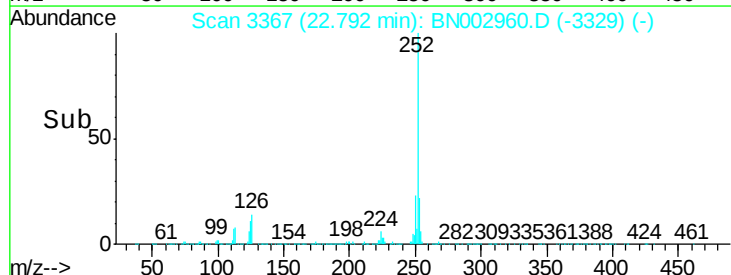
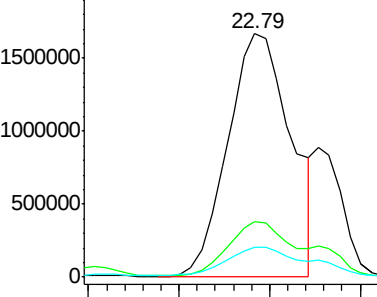
252 100

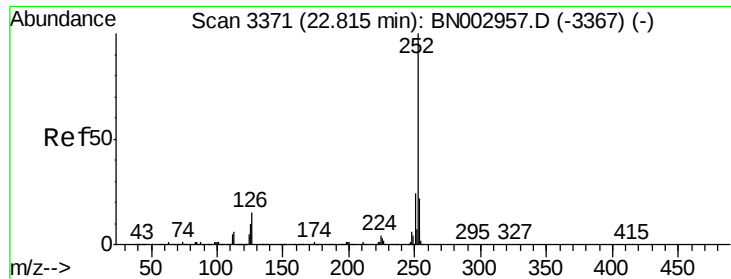
253 22.5 17.0 25.4

125 12.3 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 31.222 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Instrument :

BNA_N

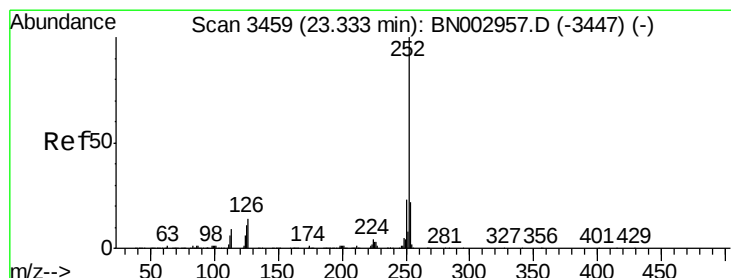
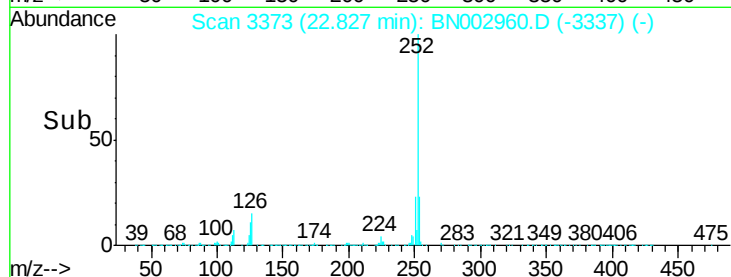
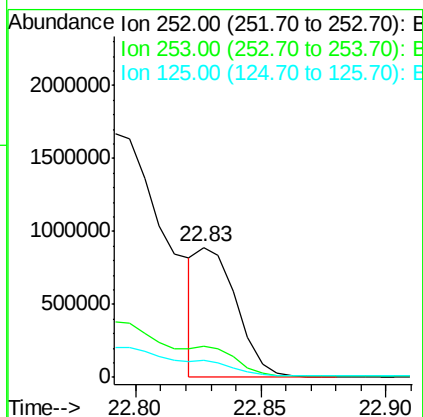
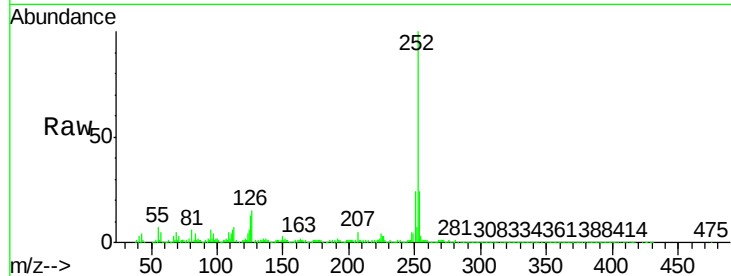
ClientSampled :

JLC19

Tgt Ion:	252	Resp:	943693
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.8	26.8
125	12.8	8.3	12.5#

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#90

Benzo(a)pyrene

Concen: 54.411 ng/ul

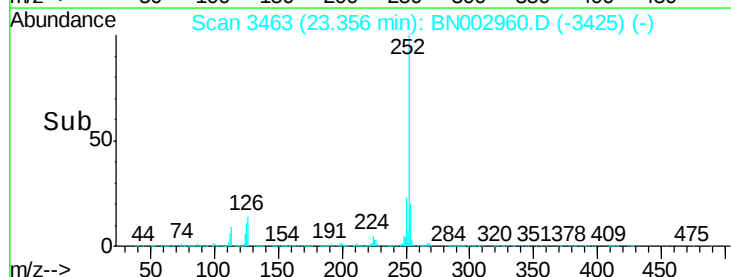
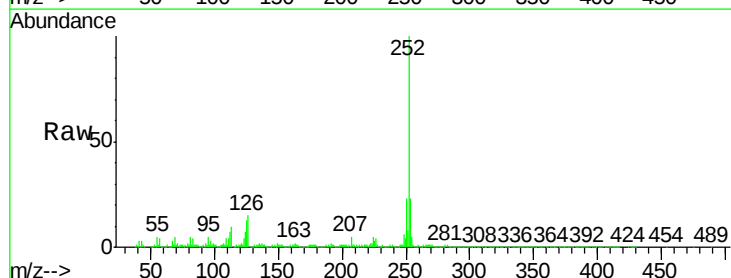
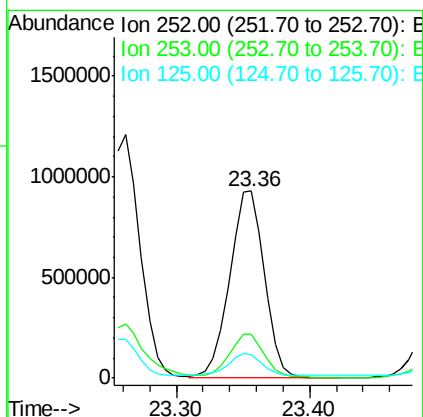
RT: 23.36 min Scan# 3463

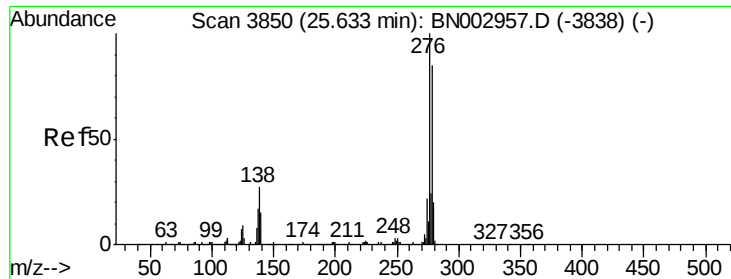
Delta R.T. 0.02 min

Lab File: BN002960.D

Acq: 05 Oct 2018 11:02

Tgt Ion:	252	Resp:	1666563
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	12.8	8.8	13.2





#91

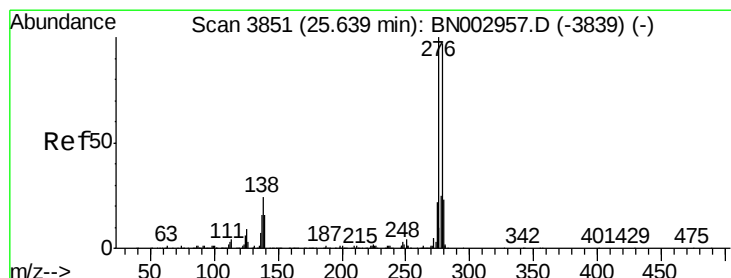
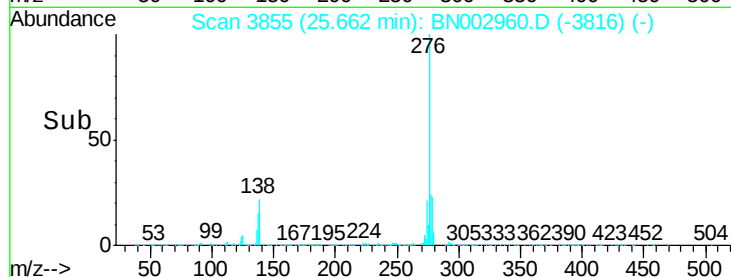
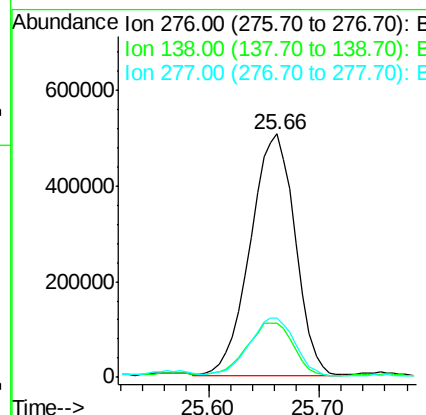
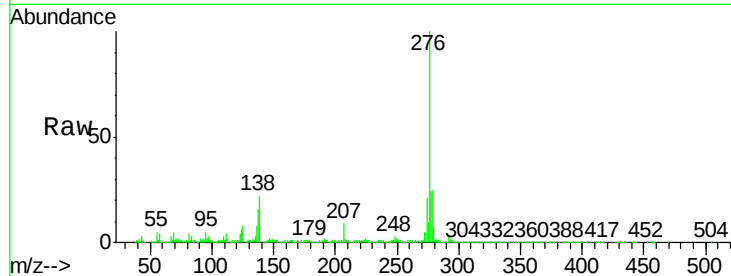
Indeno(1,2,3-cd)pyrene
Concen: 39.663 ng/u1
RT: 25.66 min Scan# 3855
Delta R.T. 0.03 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Instrument :
BNA_N
ClientSampleId :
JLC19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.2	30.4
277	24.2	20.0	30.0

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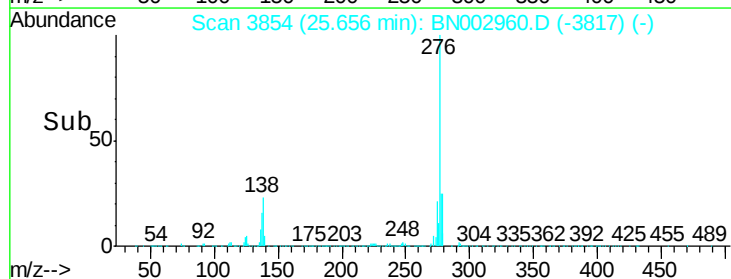
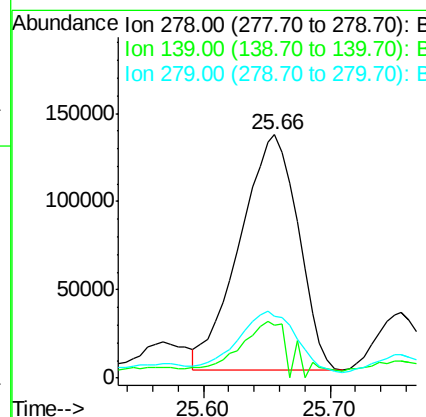
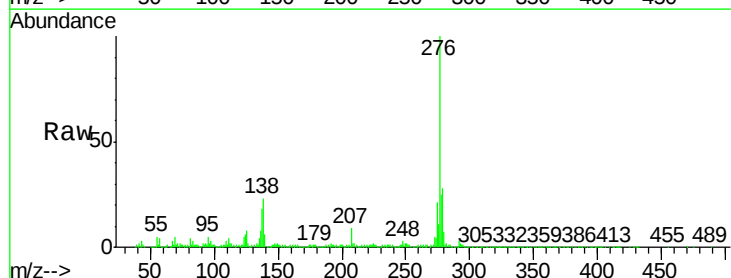
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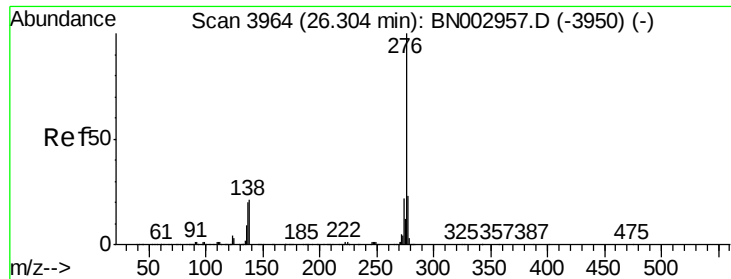


#92

Dibenzo(a,h)anthracene
Concen: 13.962 ng/u1
RT: 25.66 min Scan# 3854
Delta R.T. 0.02 min
Lab File: BN002960.D
Acq: 05 Oct 2018 11:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	12.7	19.1#
279	25.2	18.7	28.1





#93

Benzo(g,h,i)perylene

Concen: 50.039 ng/u1

RT: 26.34 min Scan# 3970

Delta R.T. 0.04 min

Lab File: BN002960.D

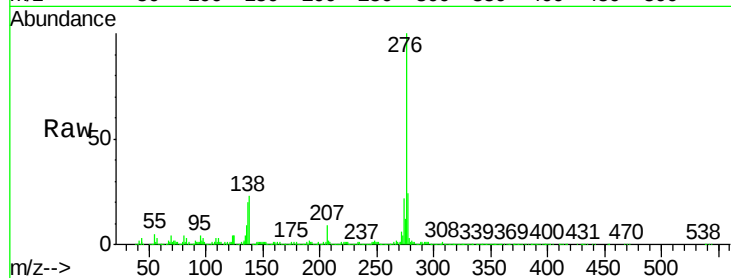
Acq: 05 Oct 2018 11:02

Instrument :

BNA_N

ClientSampleId :

JLC19



Tgt Ion: 276 Resp: 1516782

Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.2

277 23.9 18.6 28.0

Manual Integrations

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