

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
 Data File : BN002982.D
 Acq On : 08 Oct 2018 10:48
 Operator : MJ/SJ
 Sample : J5183-04DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC19DL

Manual Integrations
 APPROVED

Sohil
 10/9/2018 9:29:31 AM

Quant Time: Oct 08 17:15:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 06 02:55:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	545062	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	330758	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	768001	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	880209	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	888699	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	1912	0.74	ng/uL	0.00
5) Phenol-d5	6.83	99	44866	4.42	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	29270	4.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	38129	4.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	33381	4.25	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	18345	4.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	21683	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	36224	4.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.56	131	35211	3.53	ng/ul	0.01
43) Dimethylphthalate-d6	13.67	166	127239	4.91	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	162736	4.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	12061m	2.82	ng/ul	0.05
57) Fluorene-d10	15.26	176	118010	5.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	10087	2.10	ng/ul	0.01
70) Anthracene-d10	17.12	188	184105	5.02	ng/ul	0.00
78) Pyrene-d10	19.42	212	214934	4.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	234997	5.02	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.73	163	91329	3.614	ng/ul	99
69) Phenanthrene	17.06	178	282511	6.676	ng/ul	99
71) Anthracene	17.15	178	65055	1.516	ng/ul	97
74) Carbazole	17.43	167	41668	1.132	ng/ul	95
75) Di-n-butylphthalate	17.99	149	136609	3.092	ng/ul	98
76) Fluoranthene	19.09	202	845474	18.730	ng/ul	100
79) Pyrene	19.45	202	887090	15.243	ng/ul	99
80) Butylbenzylphthalate	20.36	149	116951	4.829	ng/ul	96
82) Benzo(a)anthracene	21.21	228	615440	11.240	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	1124830	31.994	ng/ul	98
84) Chrysene	21.26	228	1274529	24.833	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	1325718	24.426	ng/ul	97
88) Benzo(k)fluoranthene	22.82	252	381352	7.531	ng/ul	96
90) Benzo(a)pyrene	23.34	252	555432	10.825	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	389983	6.420	ng/ul	98
92) Dibenzo(a,h)anthracene	25.64	278	117447	2.295	ng/ul#	88
93) Benzo(g,h,i)perylene	26.32	276	392206	7.724	ng/ul	99

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

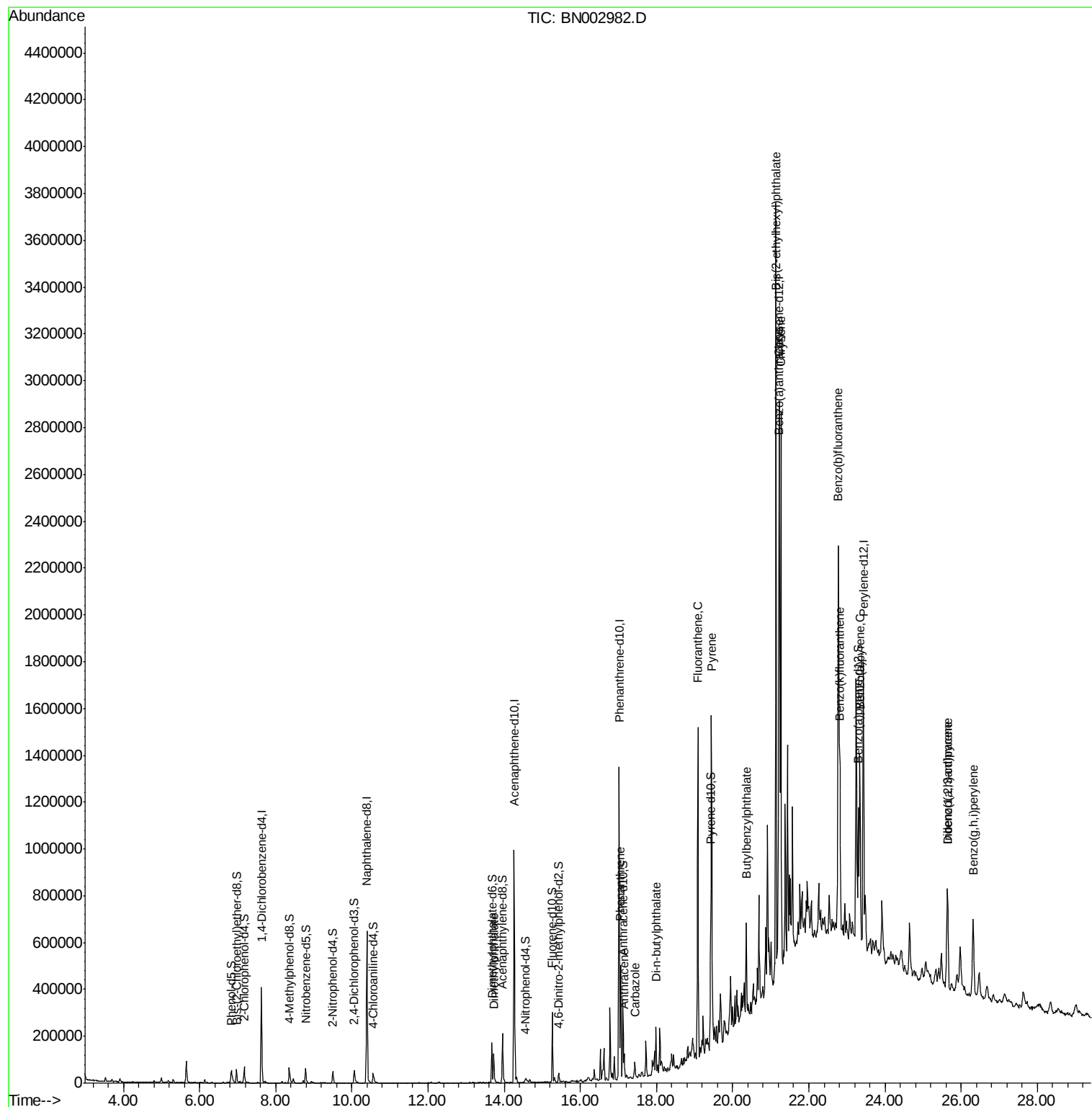
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100818\
Data File : BN002982.D
Acq On : 08 Oct 2018 10:48
Operator : MJ/SJ
Sample : J5183-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

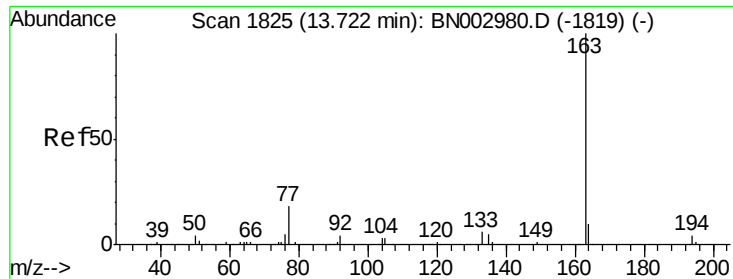
Instrument :
BNA_N
ClientSampled :
JLC19DL

Quant Time: Oct 08 17:15:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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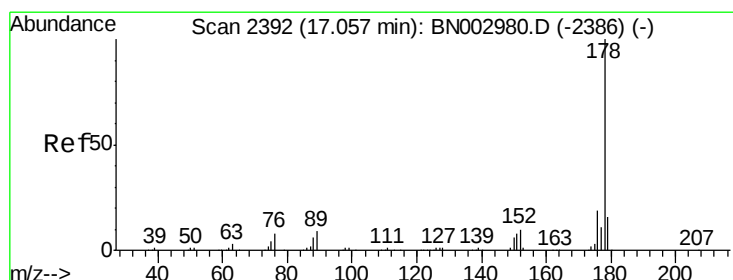
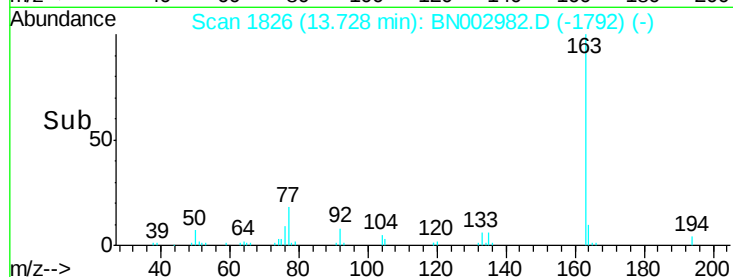
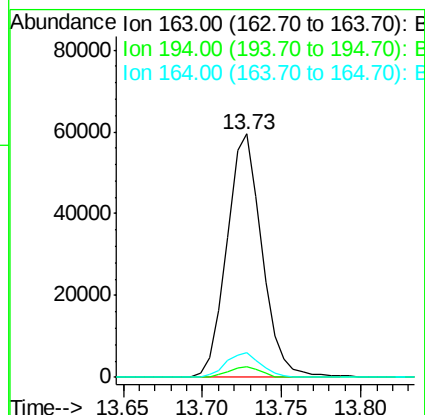
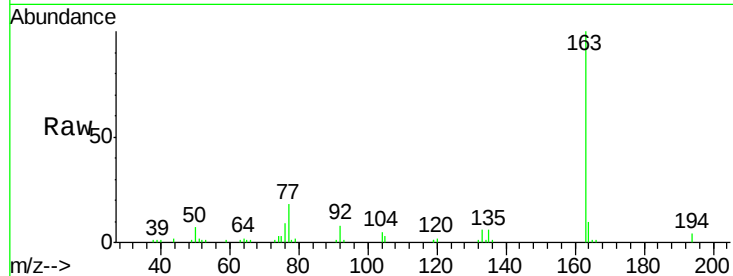
#44
Dimethylphthalate
Concen: 3.614 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BN002982.D
Acq: 08 Oct 2018 10:48

Instrument :
BNA_N
ClientSampleId :
JLC19DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	91329		
194	4.2		3.5	5.3
164	10.3		8.1	12.1

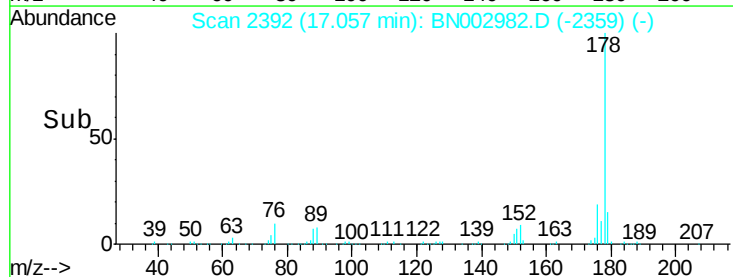
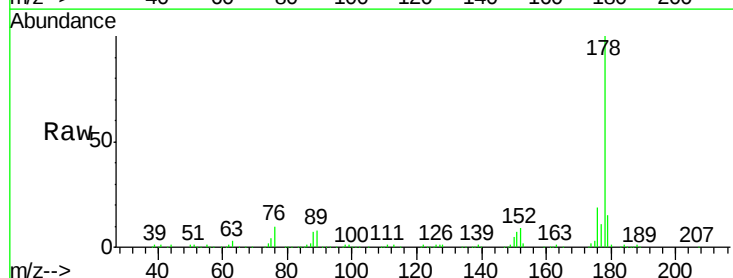
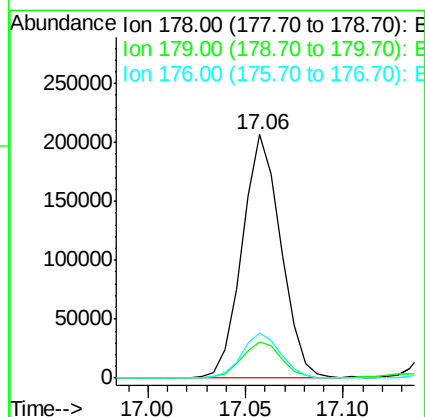
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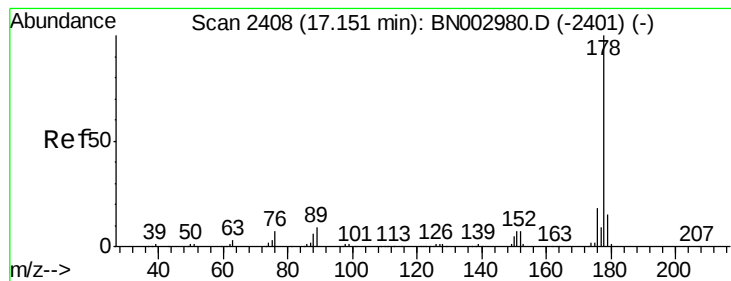
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#69
Phenanthrene
Concen: 6.676 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN002982.D
Acq: 08 Oct 2018 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	282511		
179	14.9		12.2	18.4
176	18.6		15.0	22.6





#71

Anthracene

Concen: 1.516 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Instrument :

BNA_N

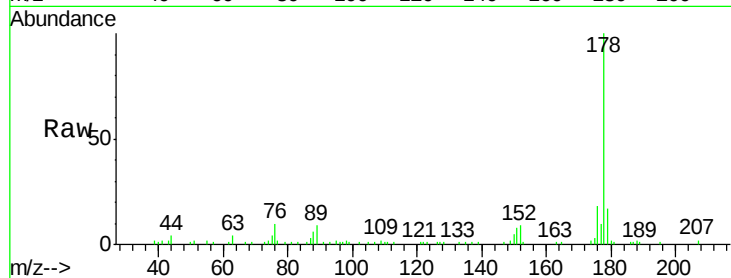
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JLC19DL

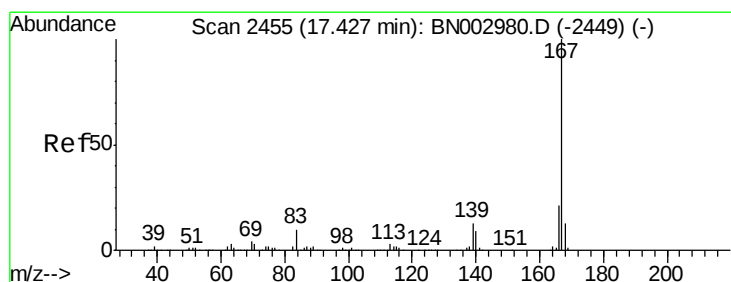
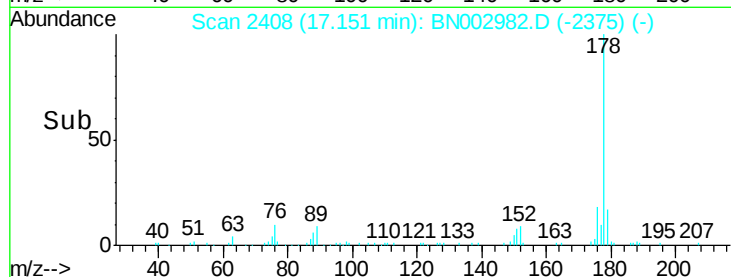
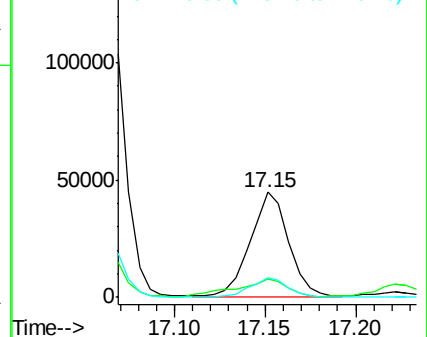
Tgt Ion:	178	Resp:	65055
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.0	18.0
176	18.1	15.0	22.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#74

Carbazole

Concen: 1.132 ng/ul

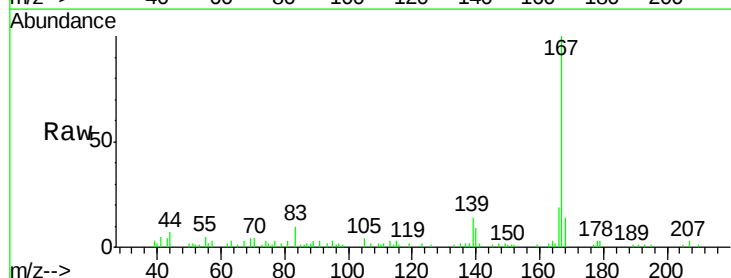
RT: 17.43 min Scan# 2456

Delta R.T. 0.00 min

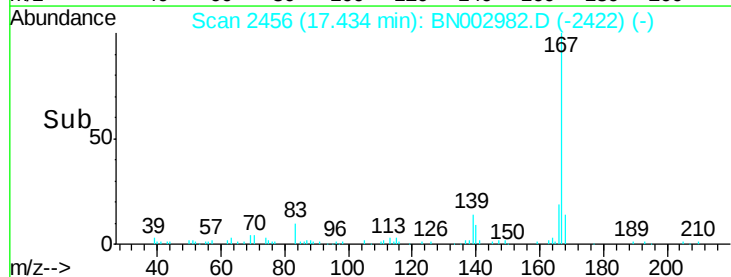
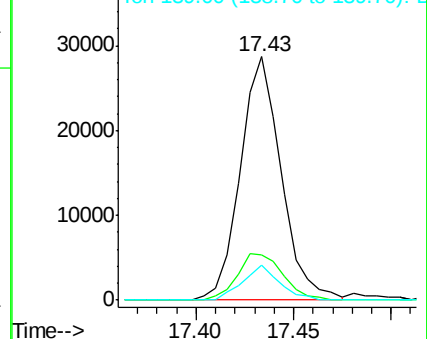
Lab File: BN002982.D

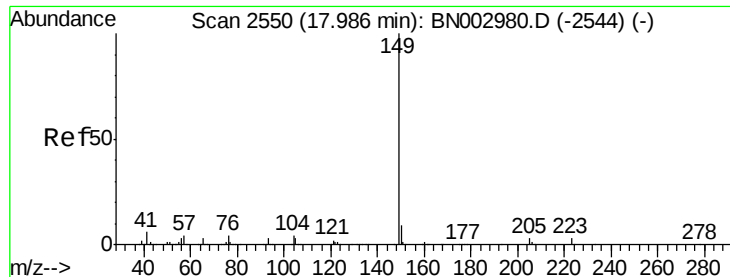
Acq: 08 Oct 2018 10:48

Tgt Ion:	167	Resp:	41668
Ion Ratio	Lower	Upper	
167	100		
166	18.6	17.0	25.6
139	14.5	10.7	16.1



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#75

Di-n-butylphthalate

Concen: 3.092 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Instrument :

BNA_N

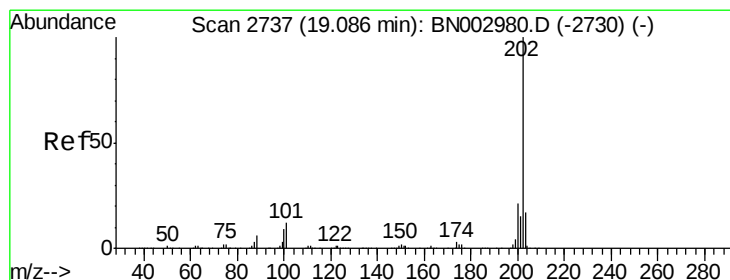
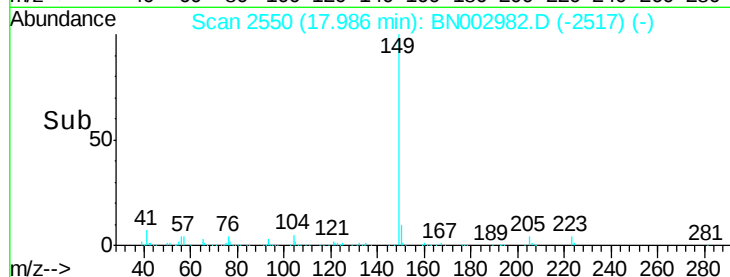
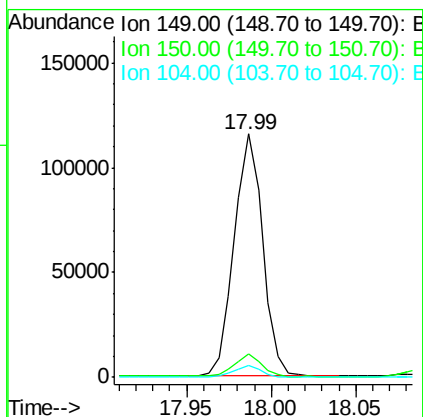
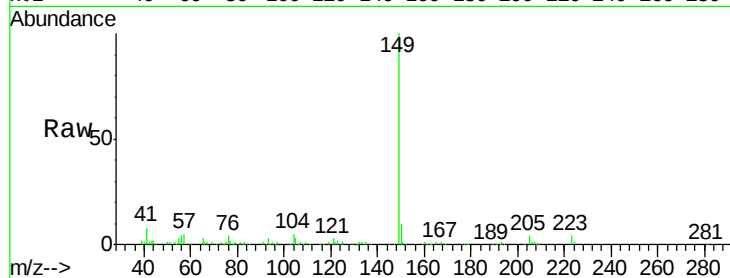
ClientSampleId :

JLC19DL

Tgt Ion:	149	Resp:	136609
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.3	10.9
104	5.0	3.7	5.5

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#76

Fluoranthene

Concen: 18.730 ng/ul

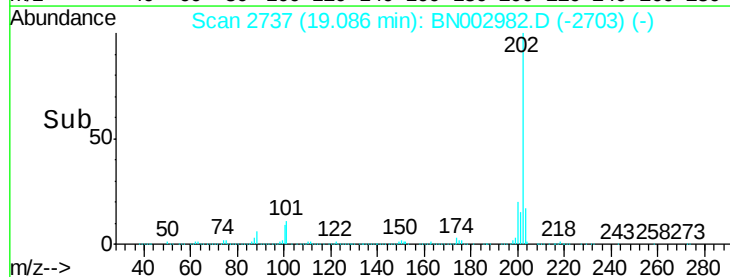
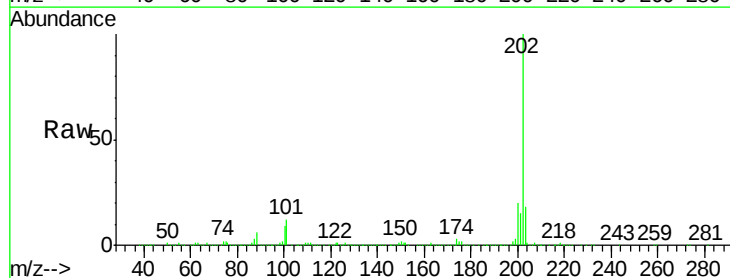
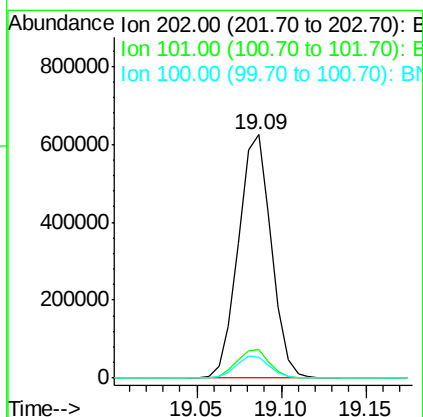
RT: 19.09 min Scan# 2737

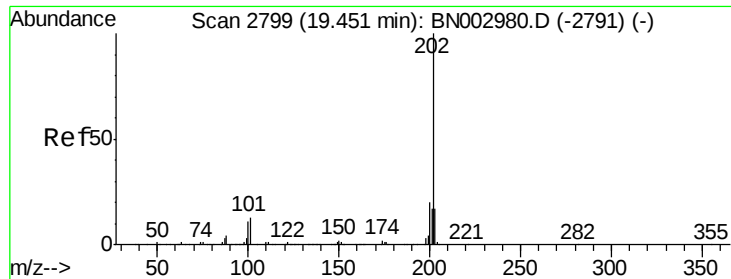
Delta R.T. 0.00 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Tgt Ion:	202	Resp:	845474
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.4	14.2
100	8.7	7.0	10.6





#79

Pyrene

Concen: 15.243 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Instrument :

BNA_N

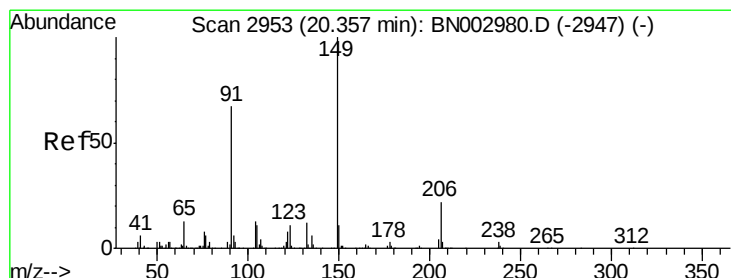
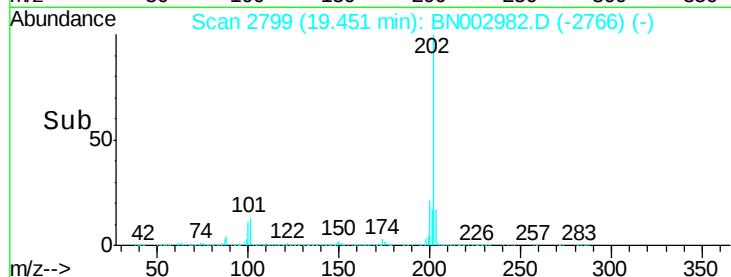
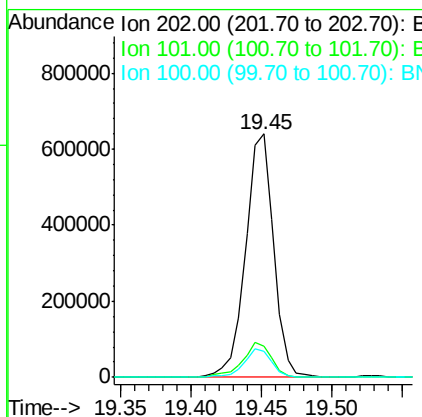
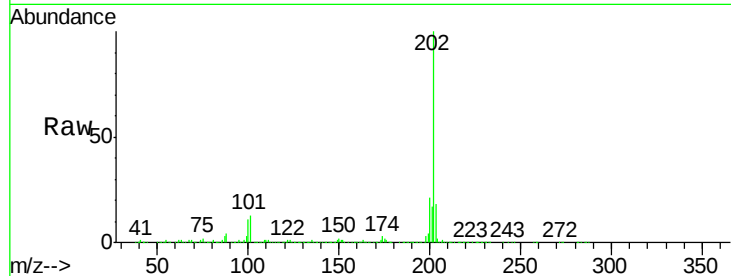
ClientSampleId :

JLC19DL

Tgt	Ion	202	Resp:	887090
Ion	Ratio	Lower	Upper	
202	100			
101	12.8	10.8	16.2	
100	10.6	8.2	12.2	

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#80

Butylbenzylphthalate

Concen: 4.829 ng/ul

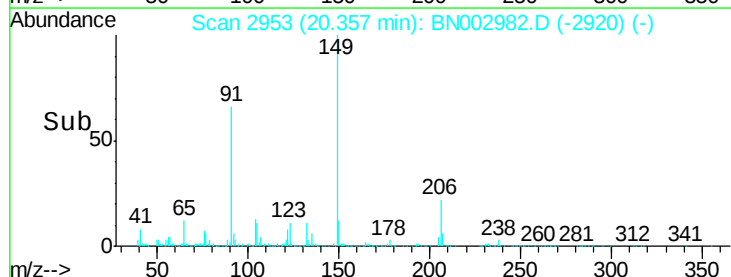
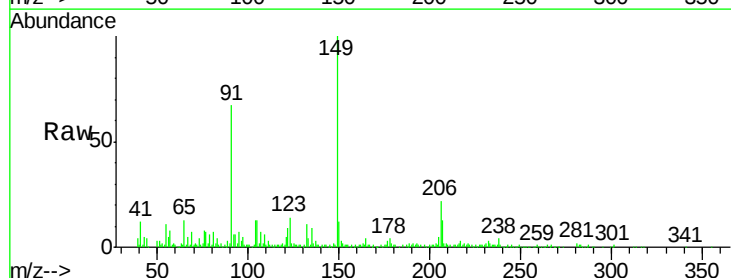
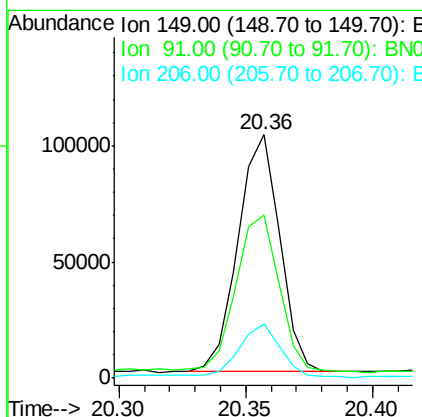
RT: 20.36 min Scan# 2953

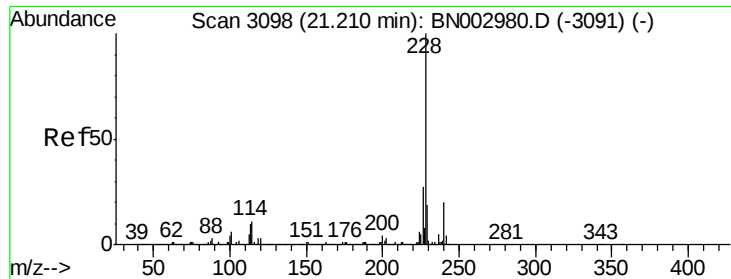
Delta R.T. -0.01 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Tgt	Ion	149	Resp:	116951
Ion	Ratio	Lower	Upper	
149	100			
91	67.2	56.3	84.5	
206	22.4	16.8	25.2	





#82

Benzo(a)anthracene

Concen: 11.240 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Instrument :

BNA_N

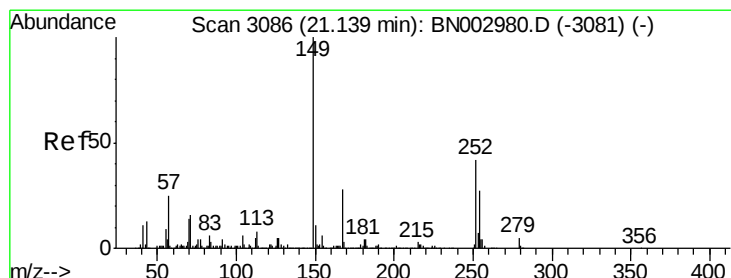
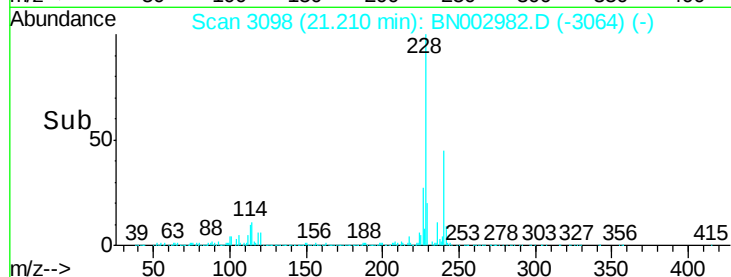
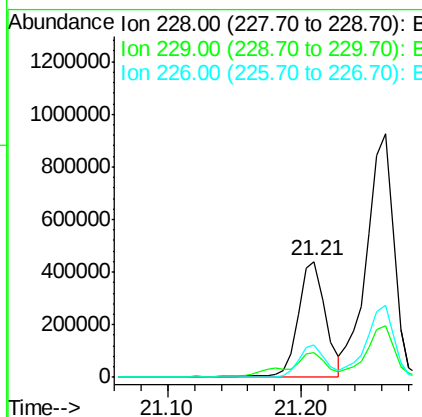
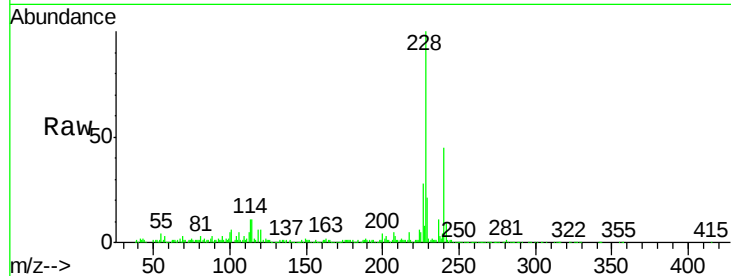
ClientSampled :

JLC19DL

Tgt	Ion	228	Resp:	615440
	Ratio	100	Lower	Upper
228	100			
229	21.3	15.8	23.6	
226	27.8	20.9	31.3	

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#83

Bis(2-ethylhexyl)phthalate

Concen: 31.994 ng/ul

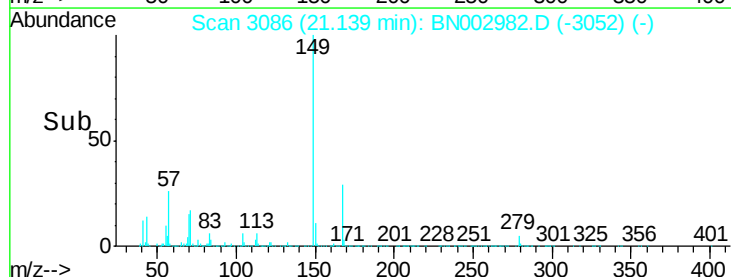
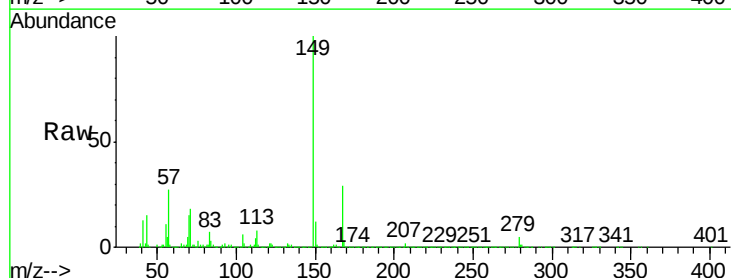
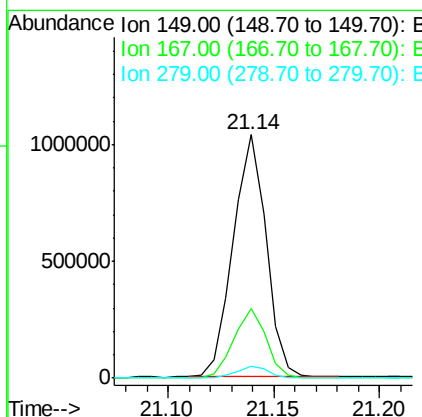
RT: 21.14 min Scan# 3086

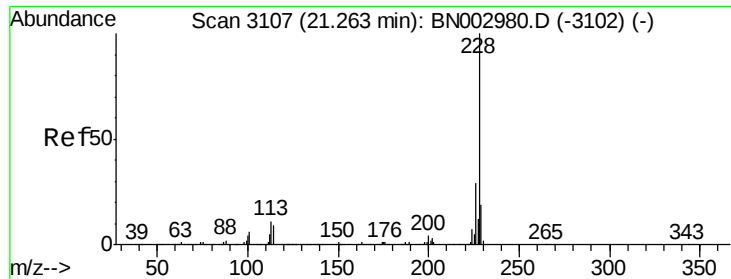
Delta R.T. 0.00 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Tgt	Ion	149	Resp:	1124830
	Ratio	100	Lower	Upper
149	100			
167	28.6	22.0	33.0	
279	4.7	3.3	4.9	





#84

Chrysene

Concen: 24.833 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.00 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Instrument :

BNA_N

ClientSampled :

JLC19DL

Tgt Ion:228 Resp: 1274529

Ion Ratio Lower Upper

228 100

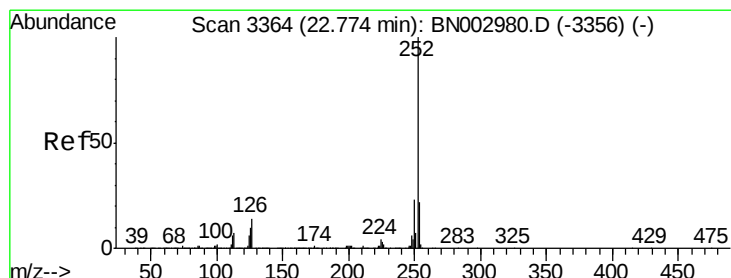
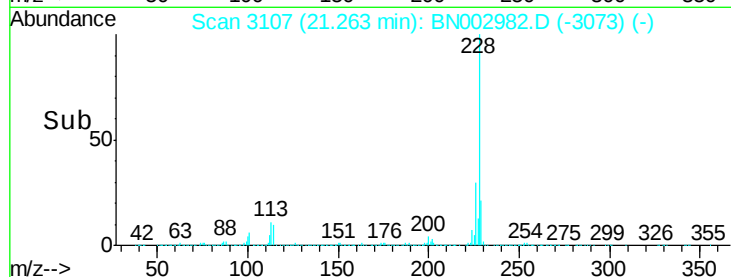
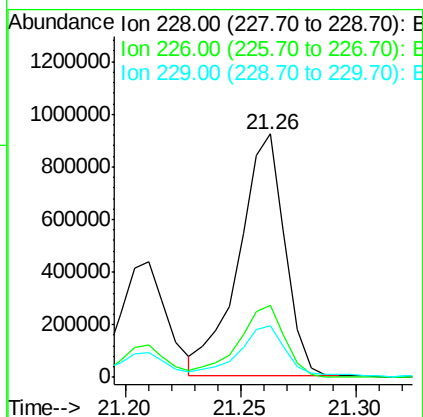
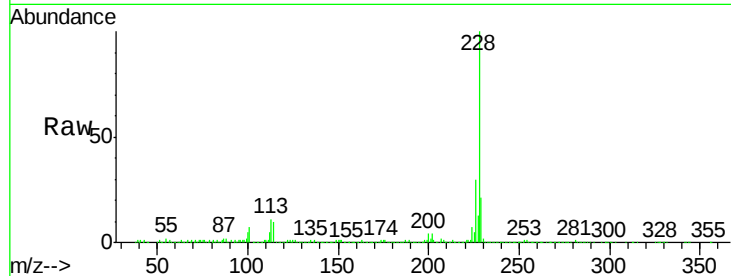
226 29.6 23.4 35.0

229 21.3 15.7 23.5

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#87

Benzo(b)fluoranthene

Concen: 24.426 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. -0.01 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

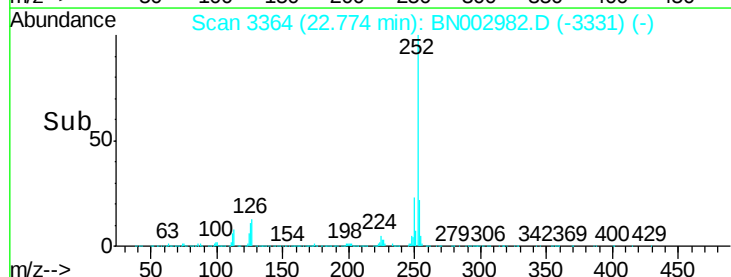
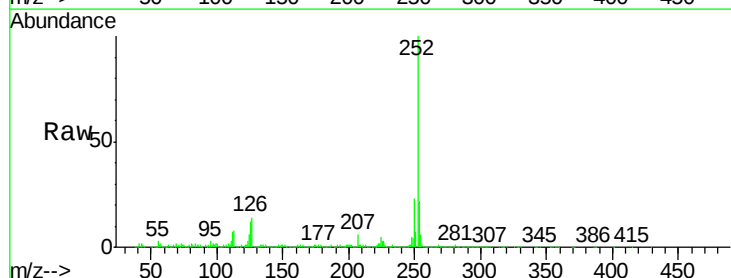
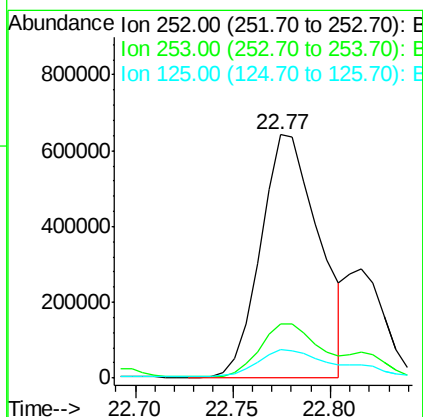
Tgt Ion:252 Resp: 1325718

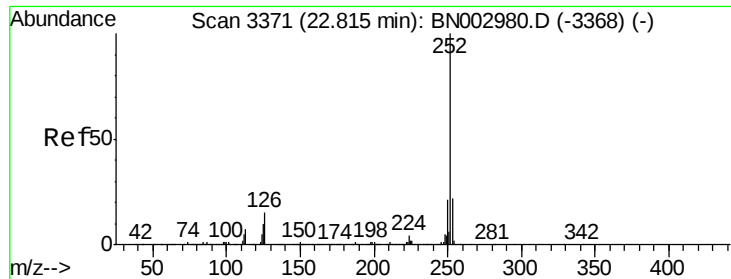
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 11.6 8.0 12.0





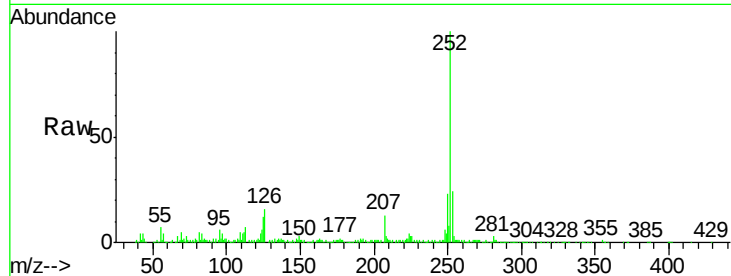
#88
Benzo(k)fluoranthene
Concen: 7.531 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN002982.D
Acq: 08 Oct 2018 10:48

Instrument :
BNA_N
ClientSampleID :
JLC19DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	12.4	8.3	12.5

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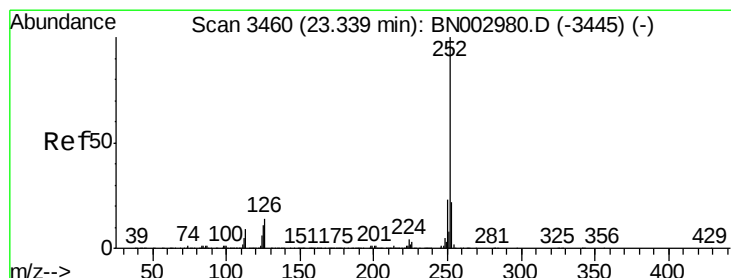
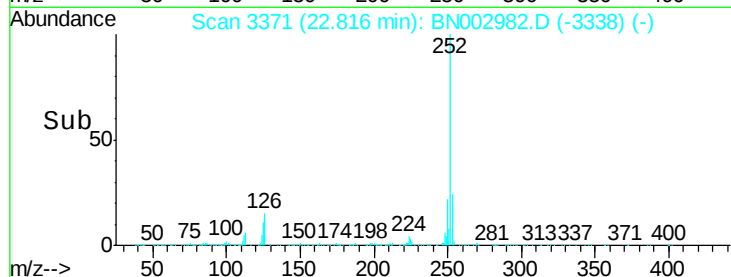
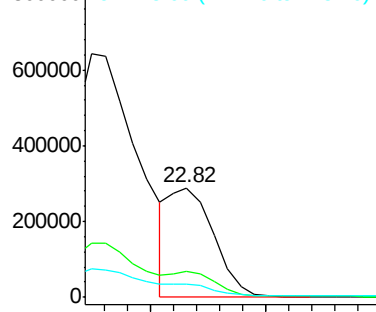


Abundance

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



#90
Benzo(a)pyrene
Concen: 10.825 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN002982.D
Acq: 08 Oct 2018 10:48

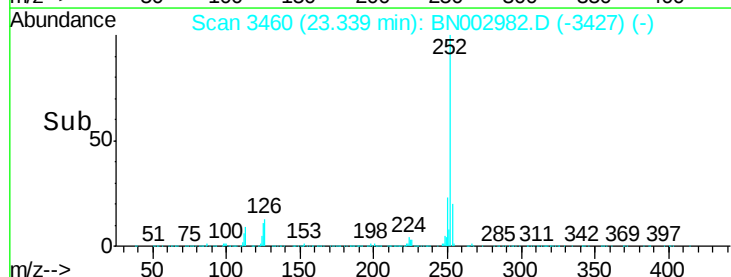
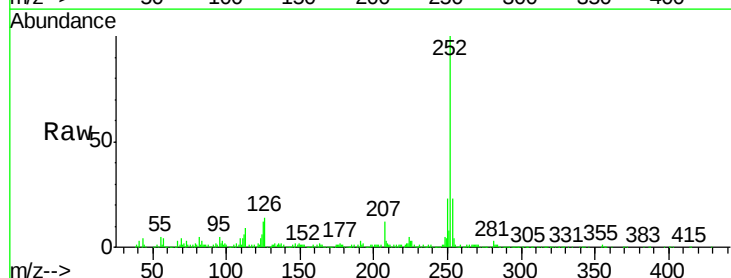
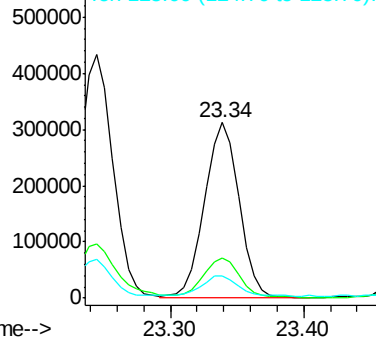
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	12.4	8.8	13.2

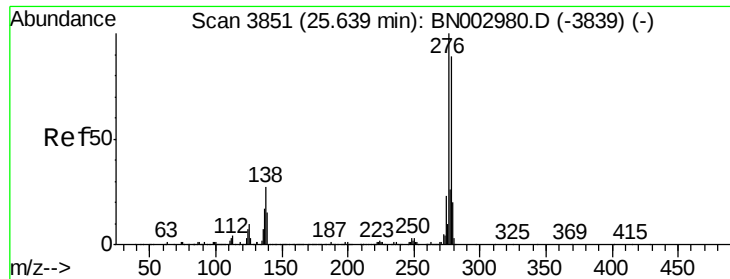
Abundance

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





#91

Indeno(1,2,3-cd)pyrene

Concen: 6.420 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN002982.D

Acq: 08 Oct 2018 10:48

Instrument :

BNA_N

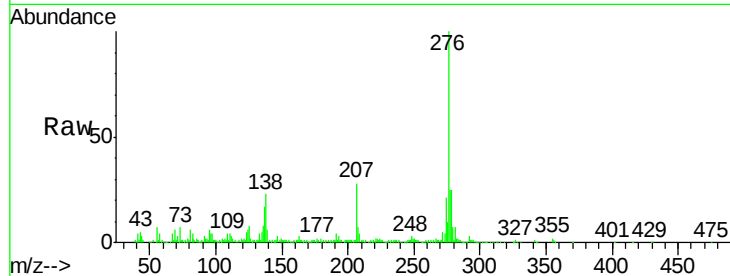
ClientSampled :

JLC19DL

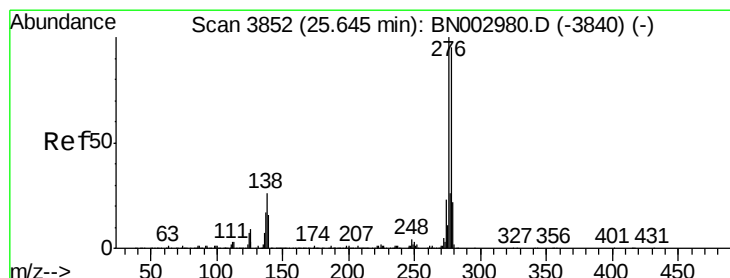
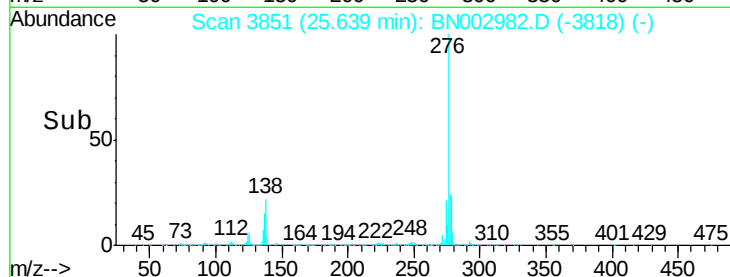
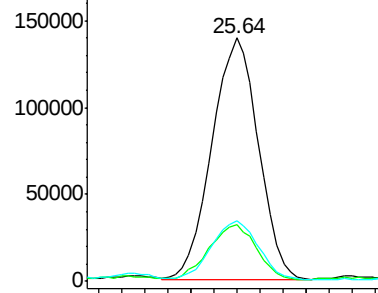
Tgt Ion:	276	Resp:	389983
Ion Ratio		Lower	Upper
276	100		
138	23.3	20.2	30.4
277	24.9	20.0	30.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene

Concen: 2.295 ng/ul

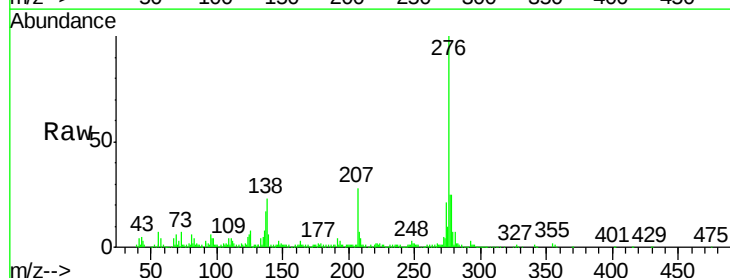
RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

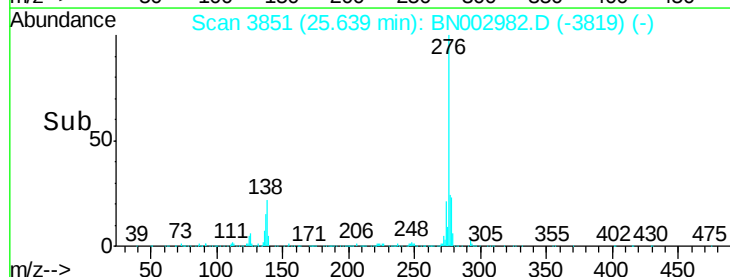
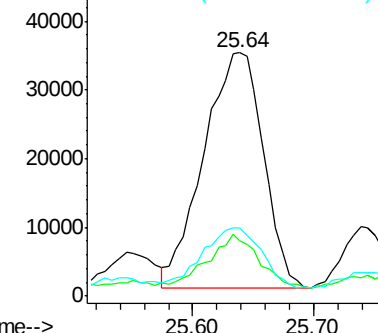
Lab File: BN002982.D

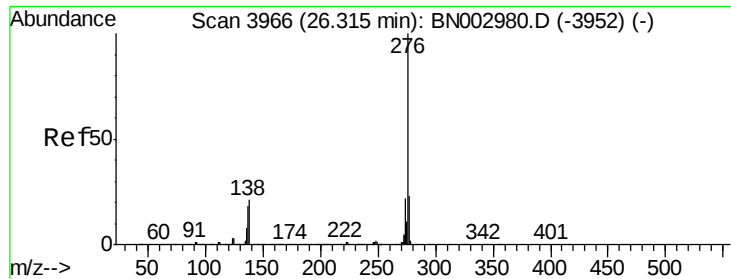
Acq: 08 Oct 2018 10:48

Tgt Ion:	278	Resp:	117447
Ion Ratio		Lower	Upper
278	100		
139	22.6	12.7	19.1#
279	27.9	18.7	28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(g,h,i)perylene

Concen: 7.724 ng/u1

RT: 26.32 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BN002982.D

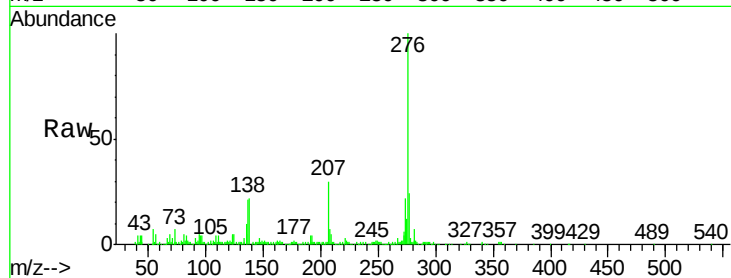
Acq: 08 Oct 2018 10:48

Instrument :

BNA_N

ClientSampleId :

JLC19DL



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	22.5	18.2	27.2	
277	23.8	18.6	28.0	

Manual Integrations
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