

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
 Data File : BN002950.D
 Acq On : 05 Oct 2018 01:28
 Operator : MJ/SJ
 Sample : J5183-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC28

Manual Integrations
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 10/5/2018 5:30:15 PM

Quant Time: Oct 05 07:34:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 05 02:27:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	144660	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	674962	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	404037	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	889346	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	691199	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	637299	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	6944	2.21	ng/uL	0.00
5) Phenol-d5	6.82	99	176330	14.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	110814	14.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	149679	14.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	133747	14.06	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	74876	14.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	88066	14.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	154674	14.48	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	163691	13.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	483104	15.28	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	633611	15.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	60210	11.51	ng/ul	0.03
57) Fluorene-d10	15.26	176	441233	15.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	21194	3.81	ng/ul	0.01
70) Anthracene-d10	17.12	188	673319	15.86	ng/ul	0.00
78) Pyrene-d10	19.42	212	664591	18.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	527907	15.74	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.85	94	24457	1.974	ng/ul	93
28) Naphthalene	10.45	128	122366	3.518	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	25125	1.033	ng/ul	97
44) Dimethylphthalate	13.73	163	301216	9.758	ng/ul	99
49) Acenaphthene	14.33	153	39338	1.431	ng/ul	98
53) Dibenzofuran	14.67	168	44924	1.189	ng/ul	96
58) Fluorene	15.32	166	48147	1.591	ng/ul	99
69) Phenanthrene	17.06	178	914069	18.654	ng/ul	99
71) Anthracene	17.15	178	258305	5.199	ng/ul	99
74) Carbazole	17.43	167	109136	2.560	ng/ul	99
75) Di-n-butylphthalate	17.99	149	200131	3.912	ng/ul	98
76) Fluoranthene	19.09	202	2167568	41.468	ng/ul	98
79) Pyrene	19.46	202	2123883	46.474	ng/ul	98
80) Butylbenzylphthalate	20.36	149	143848	7.564	ng/ul	98
82) Benzo(a)anthracene	21.22	228	988857	22.997	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.15	149	6759536	244.837	ng/ul#	95
84) Chrysene	21.26	228	1611493	39.984	ng/ul	98
87) Benzo(b)fluoranthene	22.79	252	1283217	32.970	ng/ul#	95
88) Benzo(k)fluoranthene	22.82	252	395033m	10.879	ng/ul	
90) Benzo(a)pyrene	23.34	252	668097	18.157	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.64	276	513813	11.795	ng/ul	97
92) Dibenzo(a,h)anthracene	25.64	278	144677	3.942	ng/ul#	87
93) Benzo(g,h,i)perylene	26.32	276	546778	15.015	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

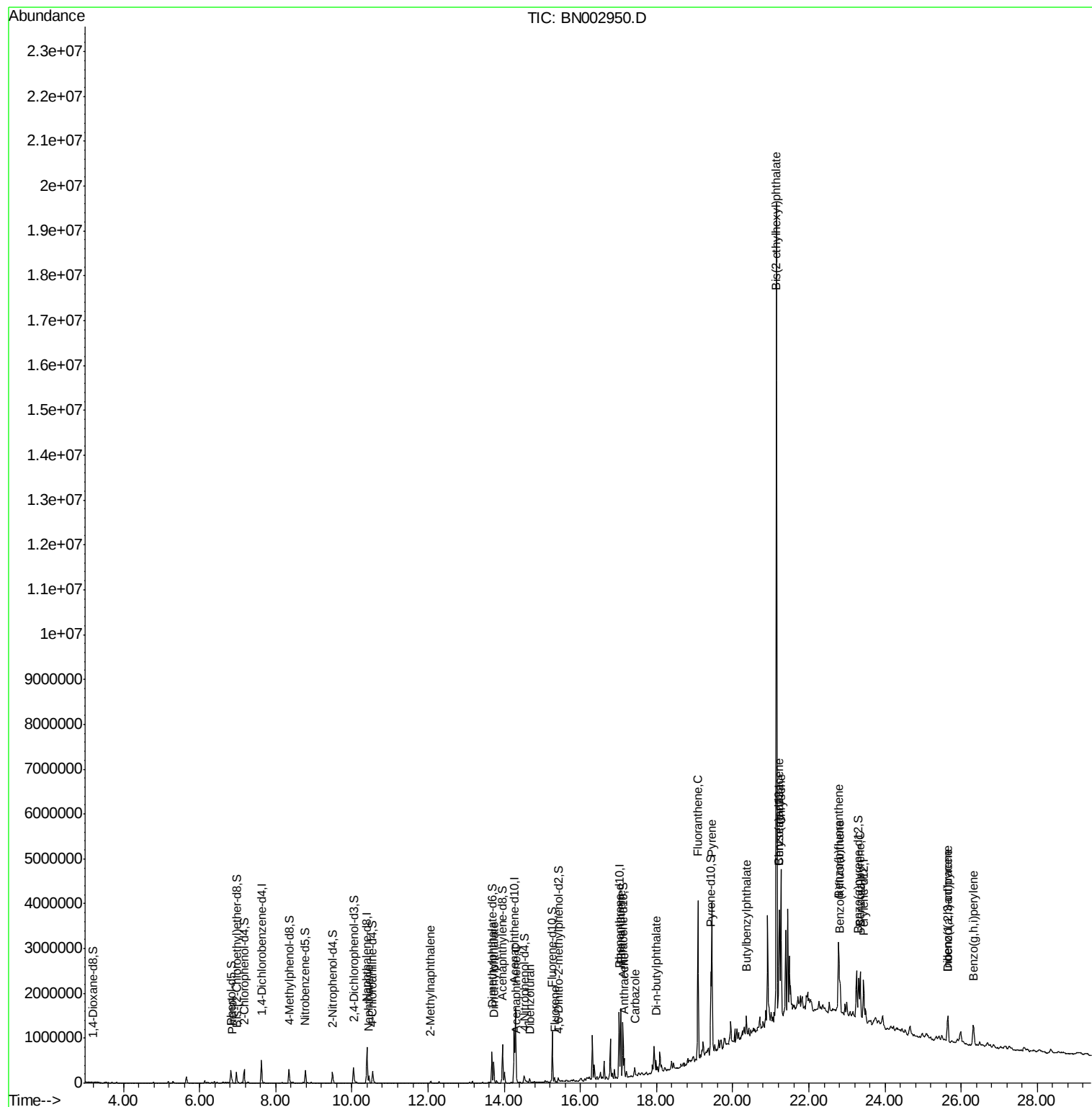
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100518\
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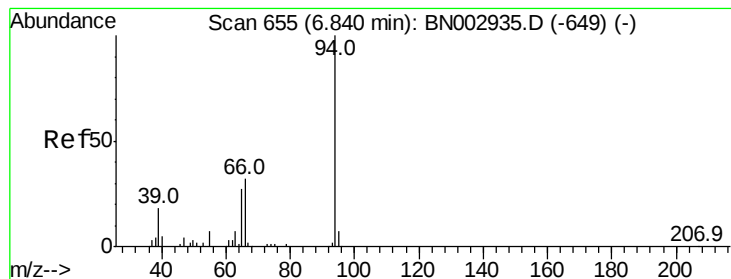
Instrument :
BNA_N
ClientSampled :
JLC28

Quant Time: Oct 05 07:34:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
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#6

Phenol

Concen: 1.974 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Instrument :

BNA_N

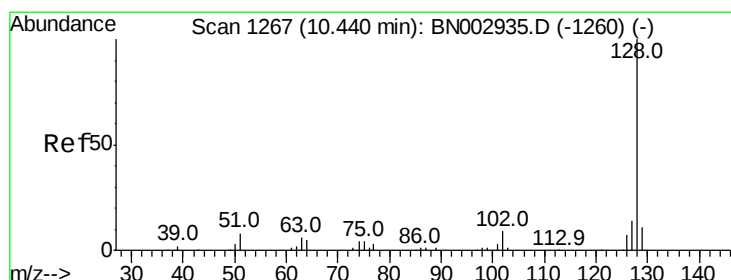
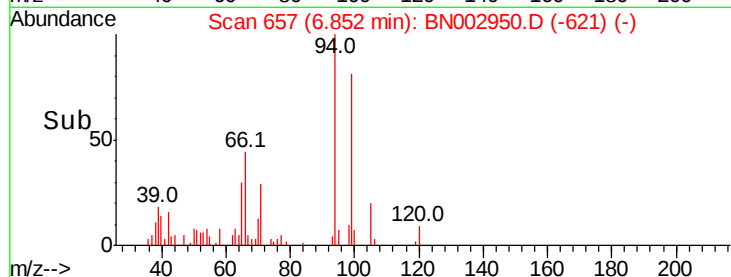
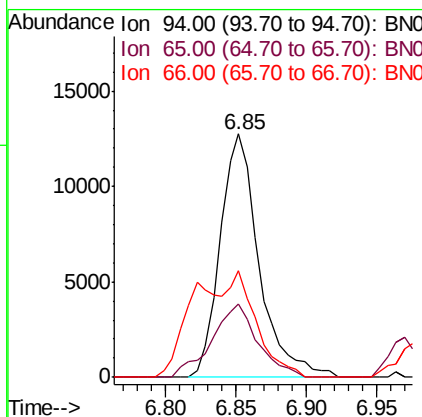
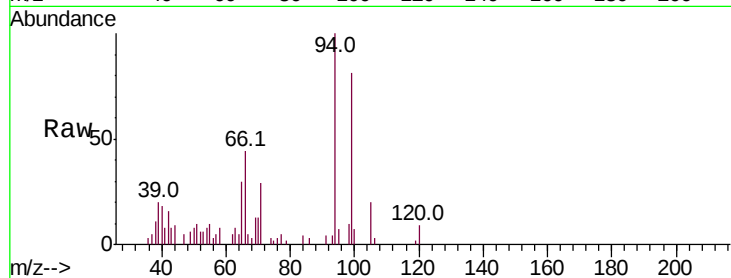
ClientSampleId :

JLC28

Tot Ion:	94	Resp:	24457
Ion Ratio	Lower	Upper	
94	100		
65	30.2	23.1	34.7
66	43.9	29.8	44.6

Manual Integrations
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#28

Naphthalene

Concen: 3.518 ng/ul

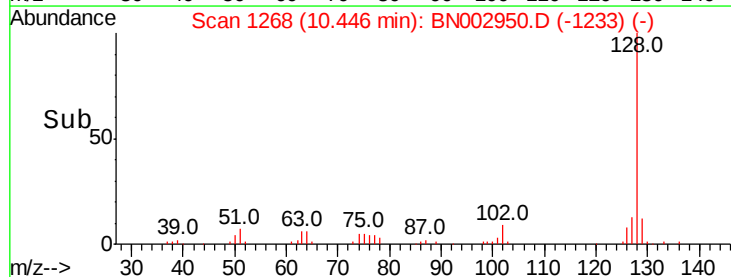
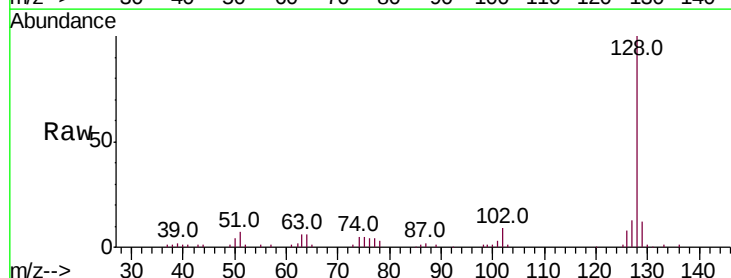
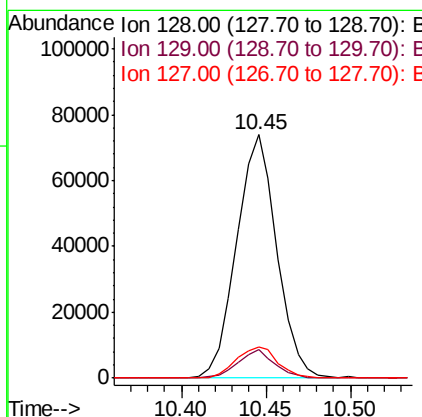
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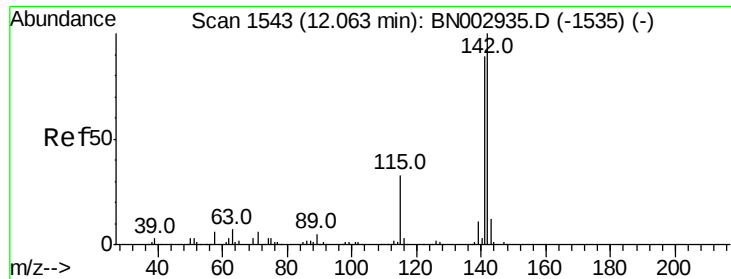
Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Tgt Ion:	128	Resp:	122366
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.3	12.5
127	12.6	10.5	15.7





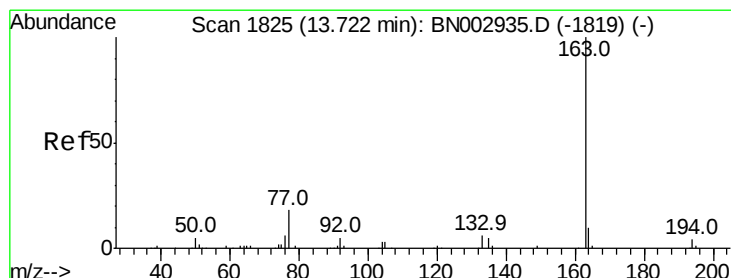
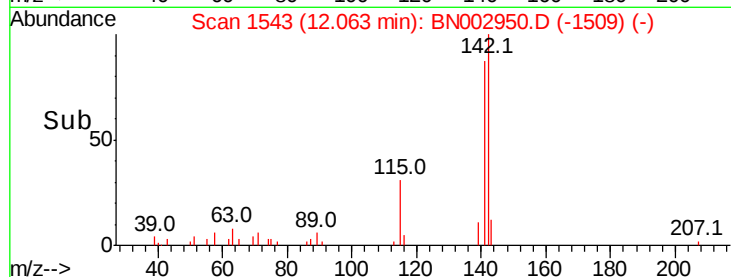
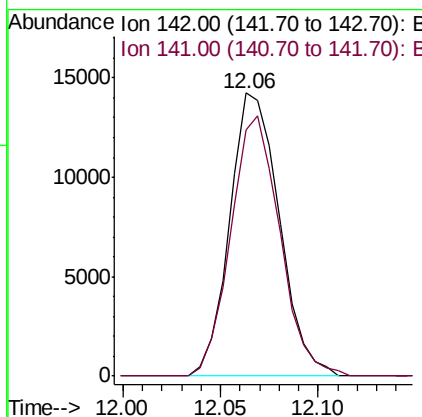
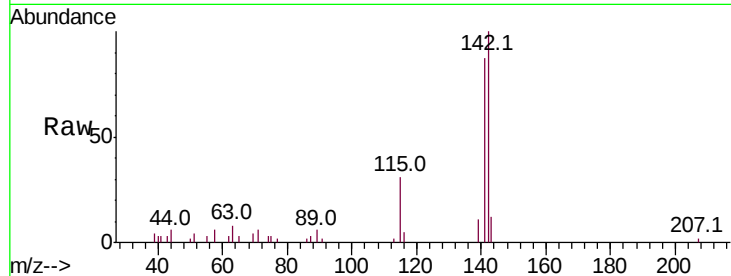
#34
2-Methylnaphthalene
Concen: 1.033 ng/ul
RT: 12.06 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BN002950.D
Acq: 05 Oct 2018 01:28

Instrument :
BNA_N
ClientSampleId :
JLC28

Tot Ion:142 Resp: 25125
Ion Ratio Lower Upper
142 100
141 87.1 71.8 107.8

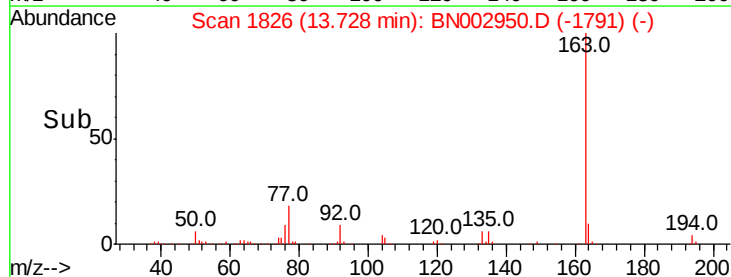
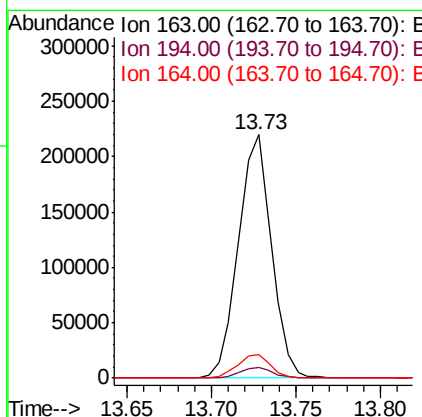
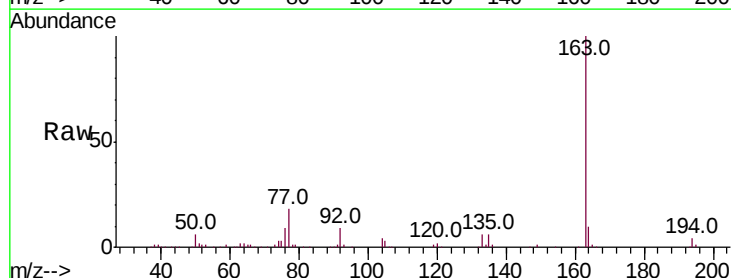
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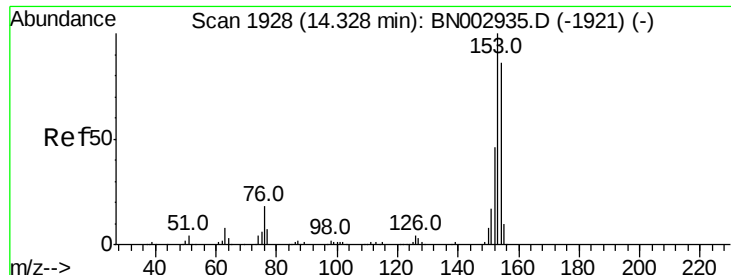
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#44
Dimethylphthalate
Concen: 9.758 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN002950.D
Acq: 05 Oct 2018 01:28

Tgt Ion:163 Resp: 301216
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.6 8.1 12.1





#49

Acenaphthene

Concen: 1.431 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Instrument :

BNA_N

ClientSampleId :

JLC28

Tot Ion:153 Resp: 39338

Ion Ratio Lower Upper

153 100

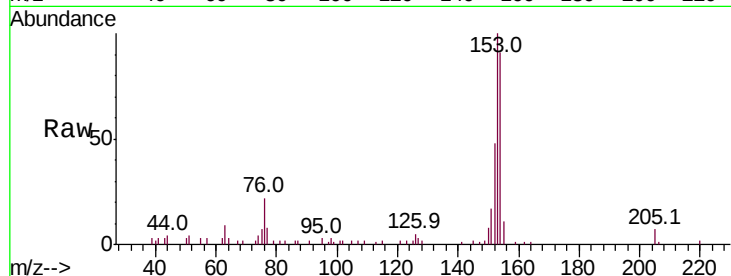
152 48.3 37.8 56.6

154 90.6 70.9 106.3

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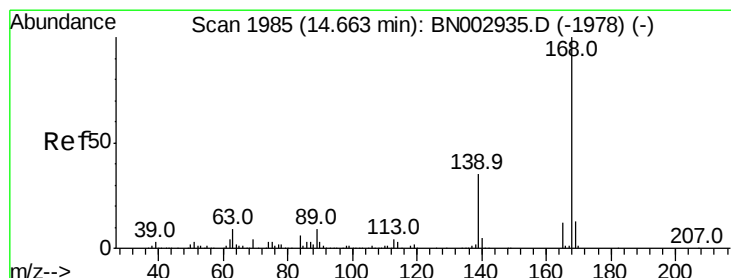
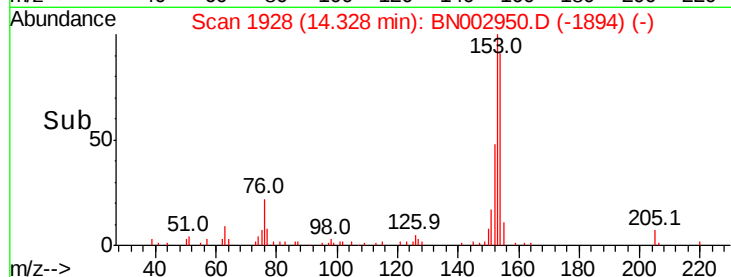
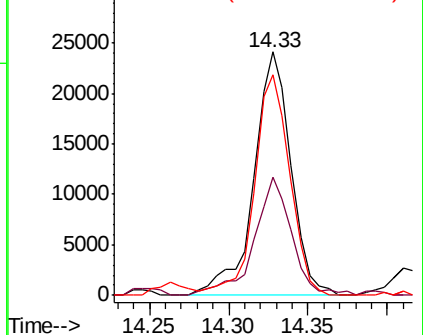
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.189 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BN002950.D

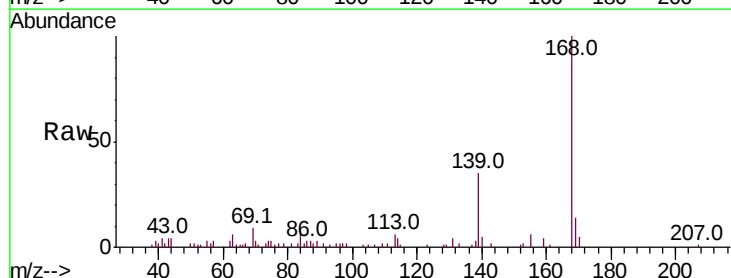
Acq: 05 Oct 2018 01:28

Tgt Ion:168 Resp: 44924

Ion Ratio Lower Upper

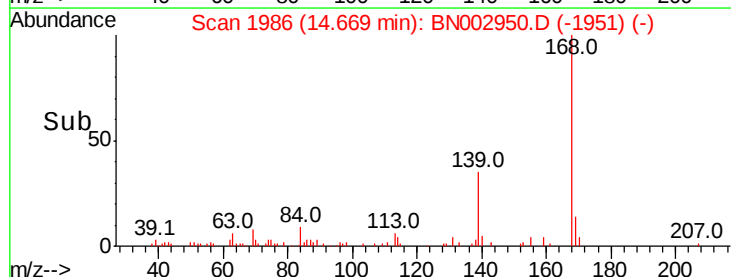
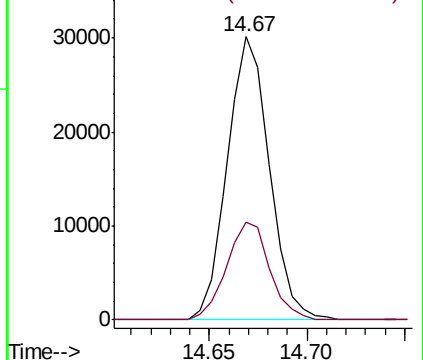
168 100

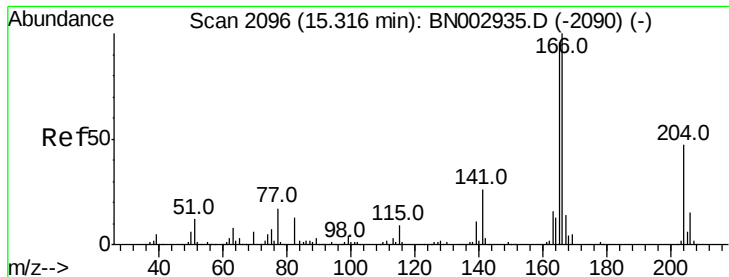
139 34.5 29.4 44.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





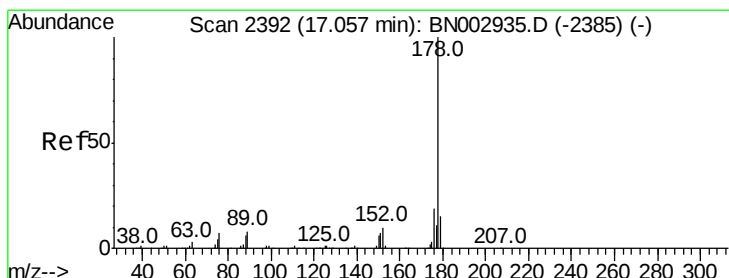
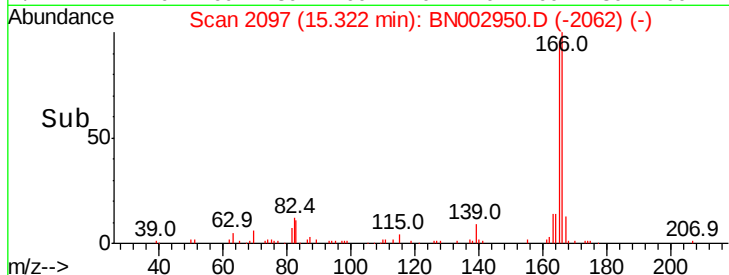
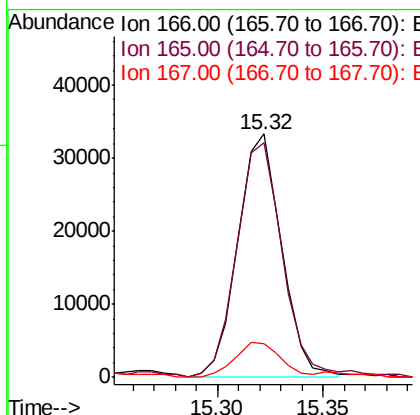
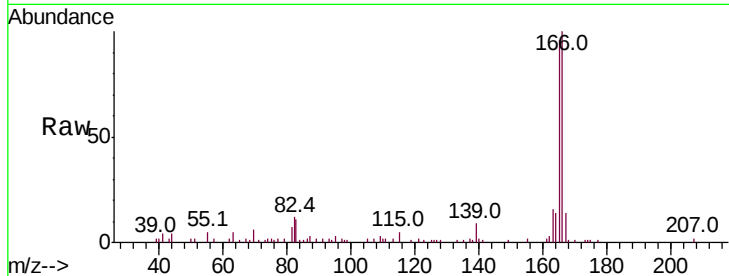
#58
Fluorene
 Concen: 1.591 ng/ul
 RT: 15.32 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BN002950.D
 Acq: 05 Oct 2018 01:28

Instrument :
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 ClientSampleId :
 JLC28

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.3	117.5
167	13.8	11.0	16.6

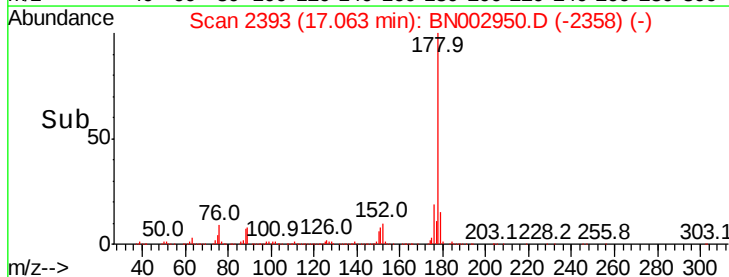
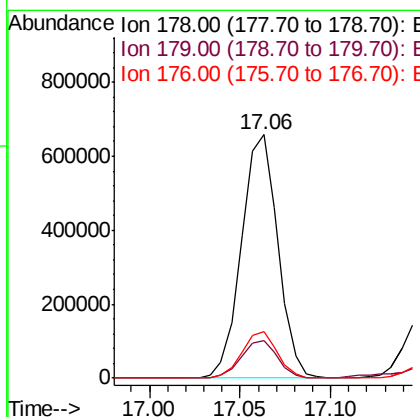
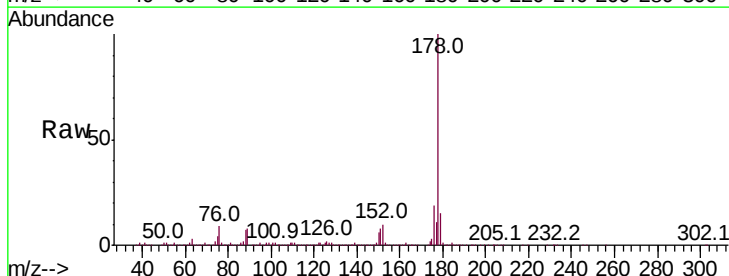
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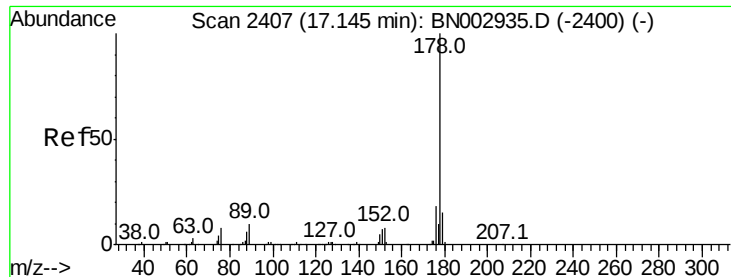
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#69
Phenanthrene
 Concen: 18.654 ng/ul
 RT: 17.06 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BN002950.D
 Acq: 05 Oct 2018 01:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	19.2	15.0	22.6





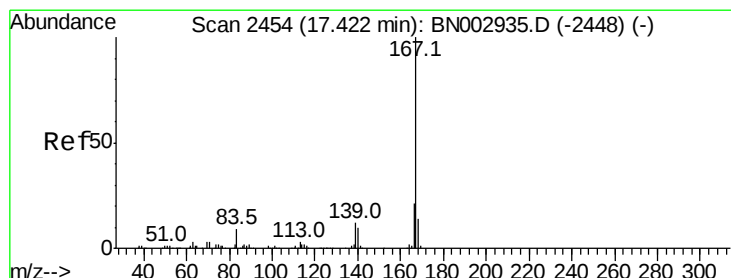
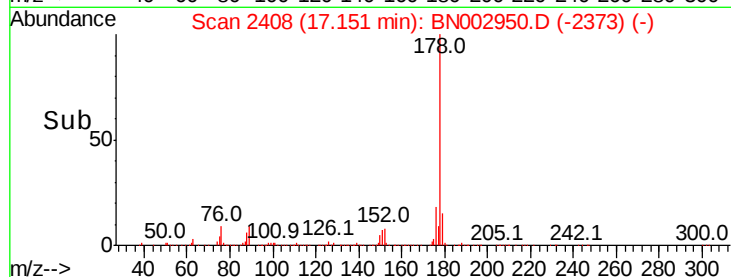
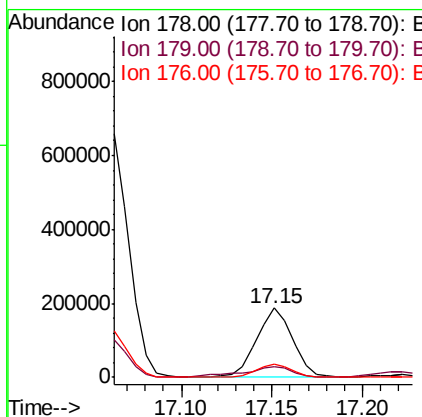
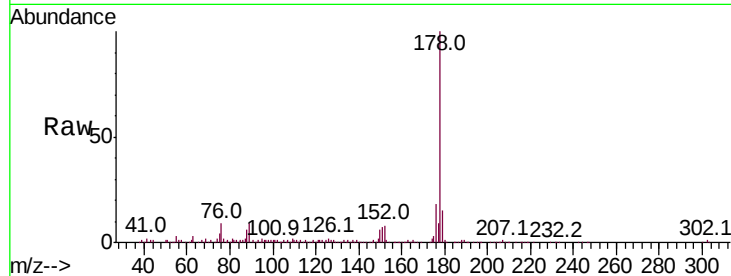
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 Anthracene
 Concen: 5.199 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. 0.01 min
 Lab File: BN002950.D
 Acq: 05 Oct 2018 01:28

Instrument :
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 JLC28

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	18.3	15.0	22.4

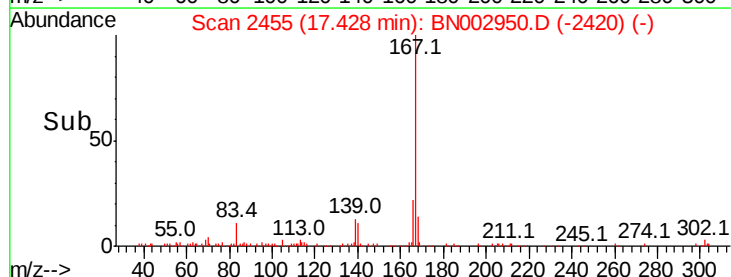
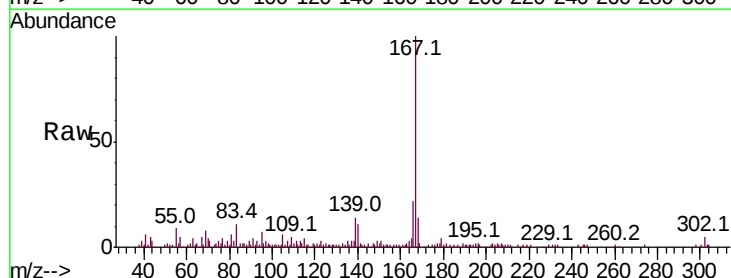
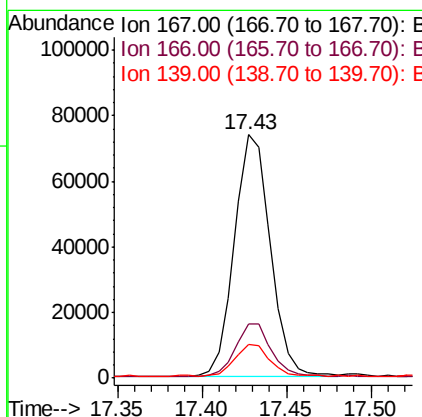
Manual Integrations
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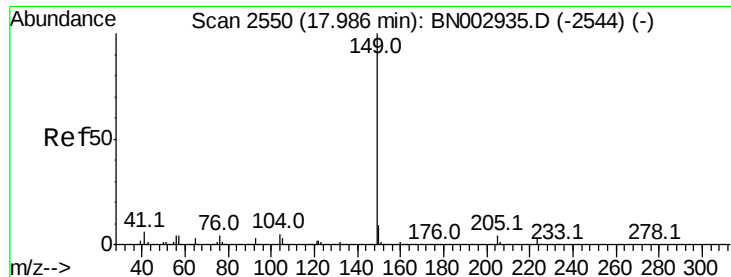
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#74
 Carbazole
 Concen: 2.560 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.01 min
 Lab File: BN002950.D
 Acq: 05 Oct 2018 01:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.6
139	13.6	10.7	16.1





#75

Di-n-butylphthalate

Concen: 3.912 ng/ul

RT: 17.99 min Scan# 2551

Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Instrument :

BNA_N

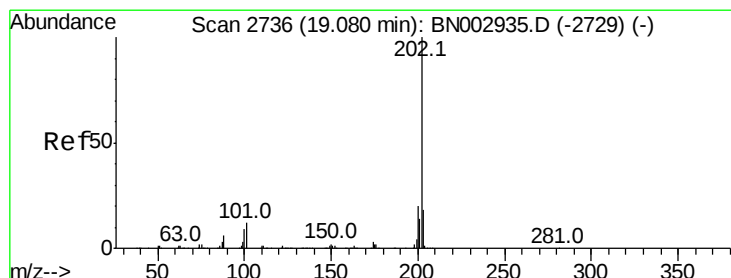
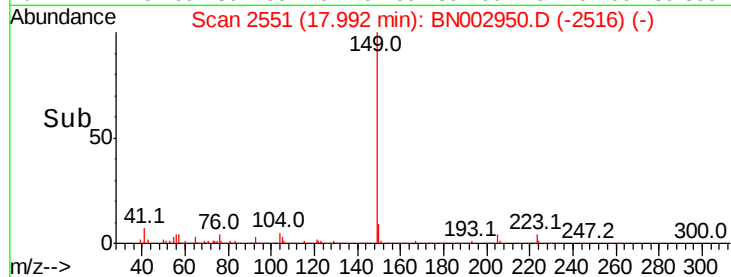
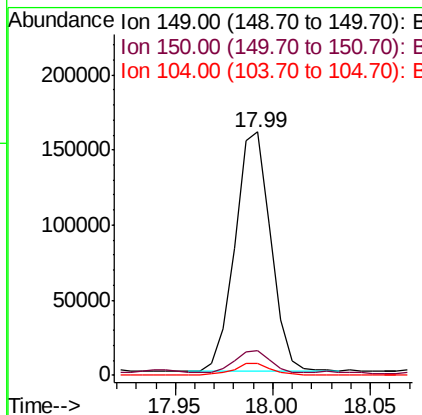
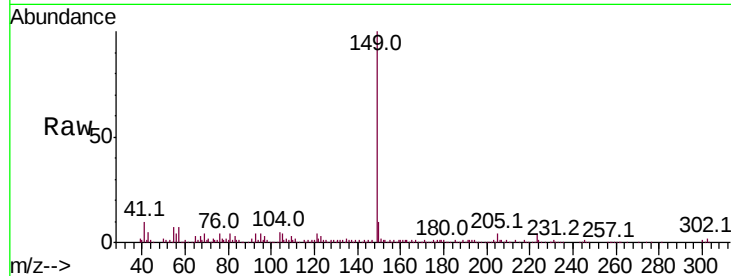
ClientSampleId :

JLC28

Tot Ion:	149	Resp:	200131
Ion Ratio	Lower	Upper	
149	100		
150	10.0	7.3	10.9
104	4.8	3.7	5.5

Manual Integrations
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#76

Fluoranthene

Concen: 41.468 ng/ul

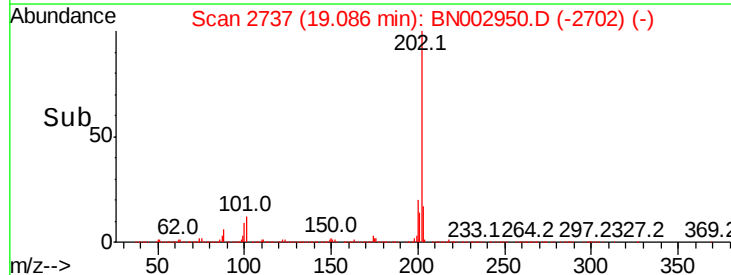
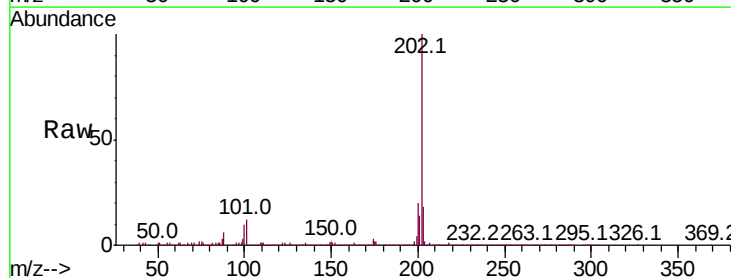
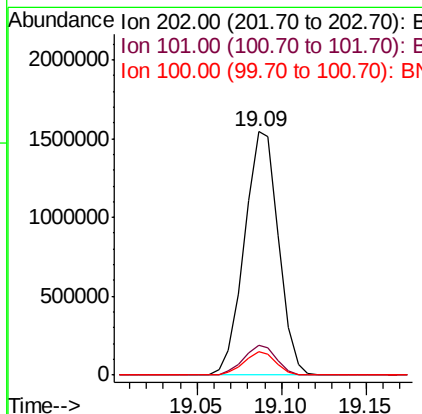
RT: 19.09 min Scan# 2737

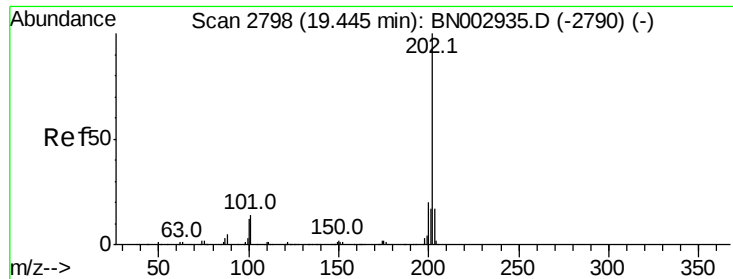
Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Tgt Ion:	202	Resp:	2167568
Ion Ratio	Lower	Upper	
202	100		
101	12.4	9.4	14.2
100	9.5	7.0	10.6





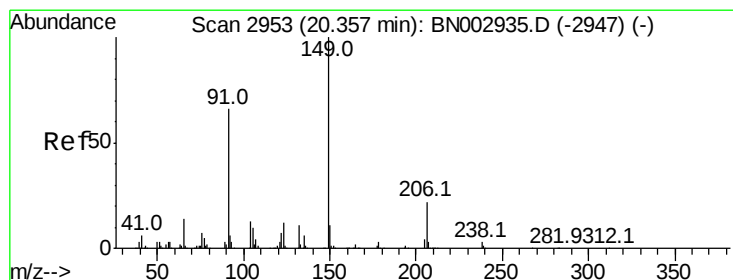
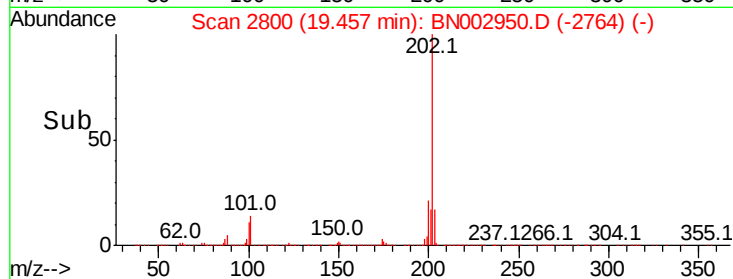
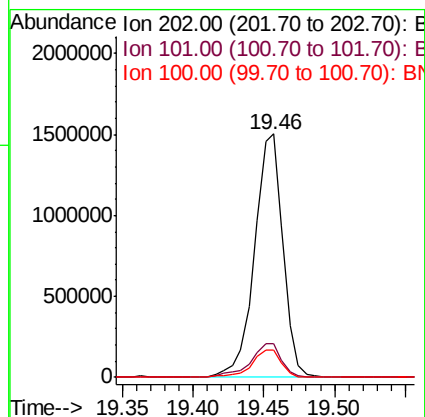
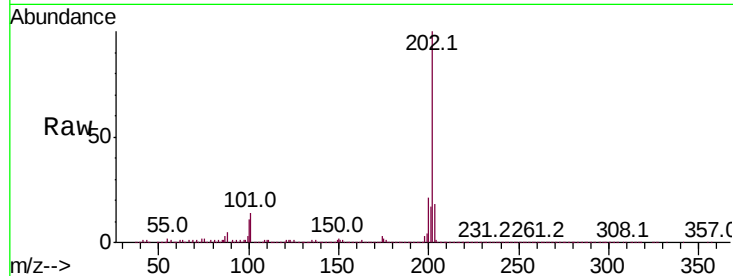
#79
Pvrene
Concen: 46.474 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. 0.01 min
Lab File: BN002950.D
Acq: 05 Oct 2018 01:28

Instrument :
BNA_N
ClientSampleId :
JLC28

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.8	16.2
100	11.4	8.2	12.2

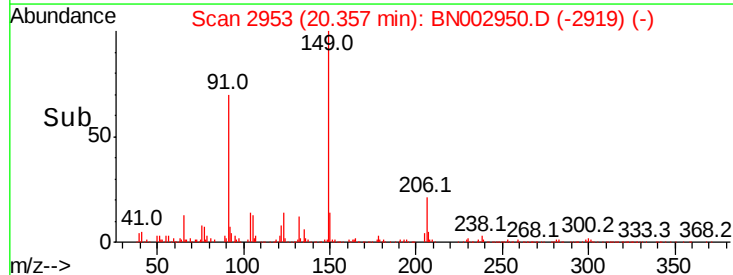
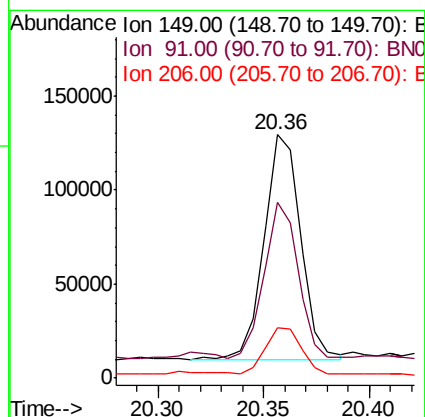
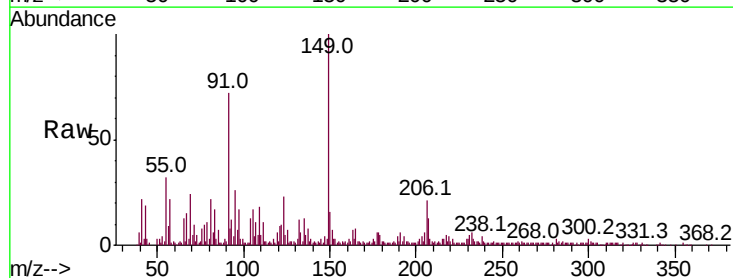
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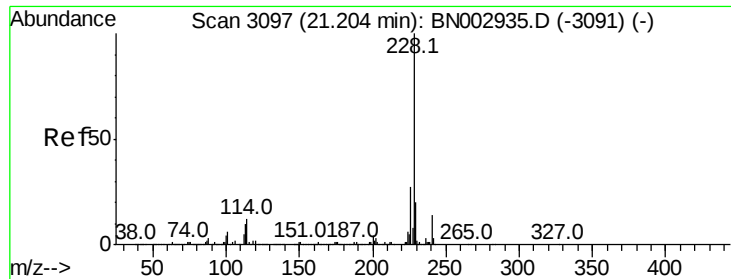
Sohil
10/5/2018 5:30:15 PM



#80
Butylbenzylphthalate
Concen: 7.564 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BN002950.D
Acq: 05 Oct 2018 01:28

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.0	56.3	84.5
206	20.9	16.8	25.2





#82

Benzo(a)anthracene

Concen: 22.997 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Instrument :

BNA_N

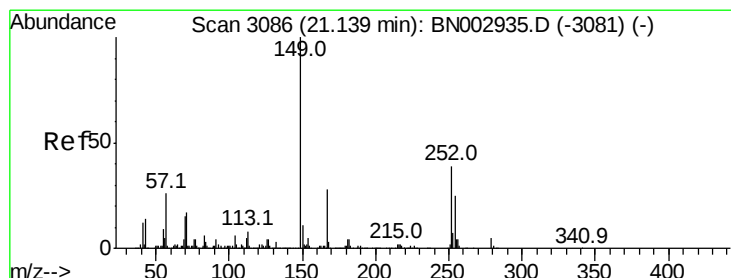
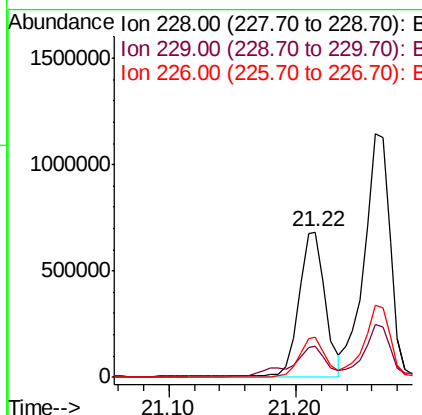
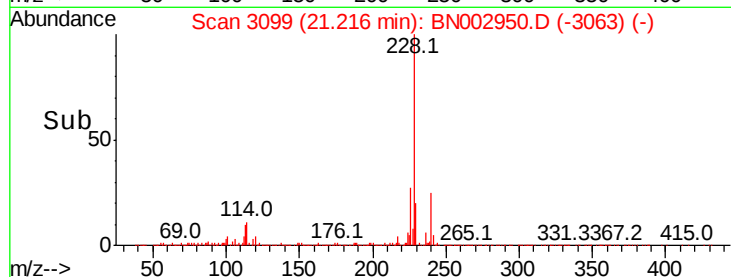
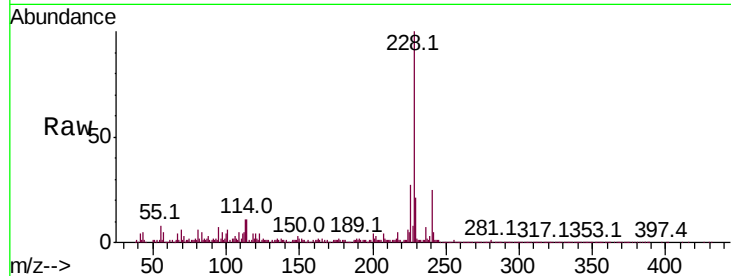
ClientSampleId :

JLC28

Tot Ion:	228	Resp:	988857
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.8	23.6
226	27.4	20.9	31.3

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#83

Bis(2-ethylhexyl)phthalate

Concen: 244.837 ng/ul

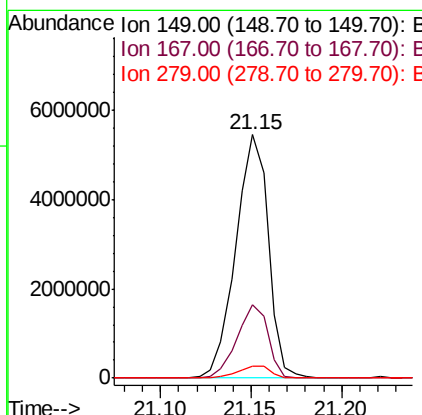
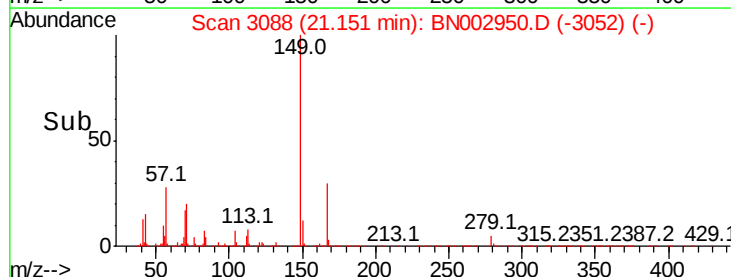
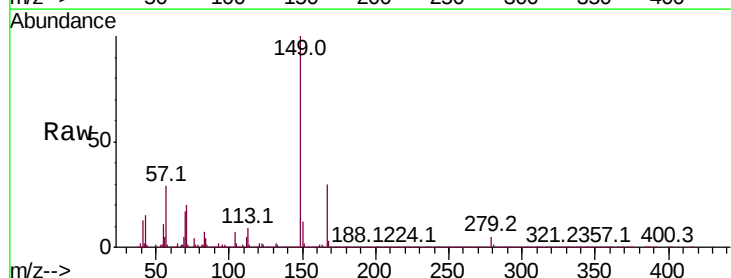
RT: 21.15 min Scan# 3088

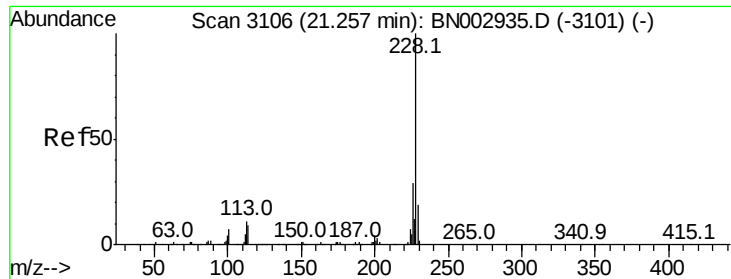
Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Tgt Ion:	149	Resp:	6759536
Ion Ratio	Lower	Upper	
149	100		
167	30.0	22.0	33.0
279	5.1	3.3	4.9





#84

Chrysene

Concen: 39.984 ng/ul

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Instrument :

BNA_N

ClientSampled :

JLC28

Tot Ion:228 Resp: 1611493

Ion Ratio Lower Upper

228 100

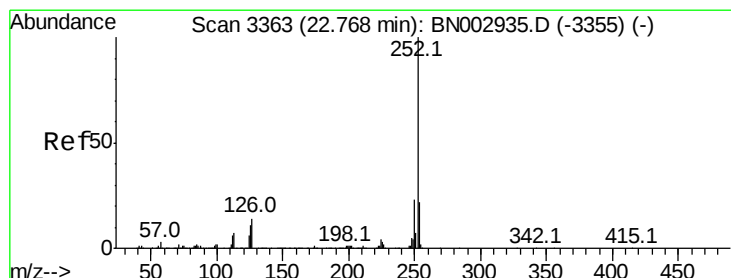
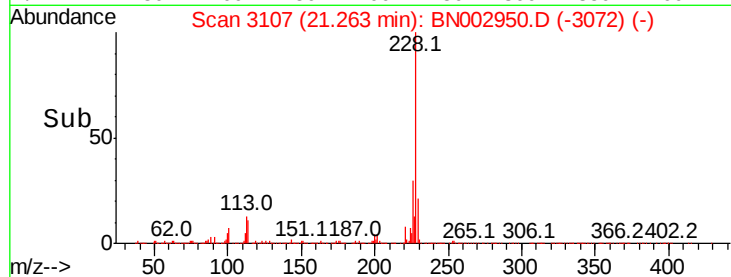
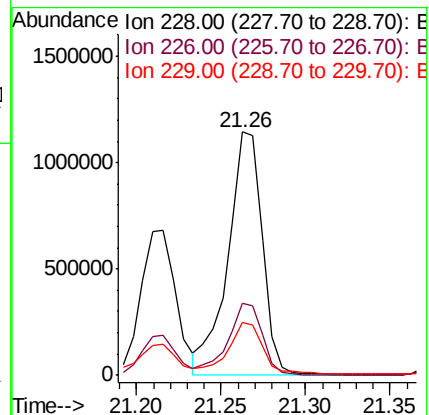
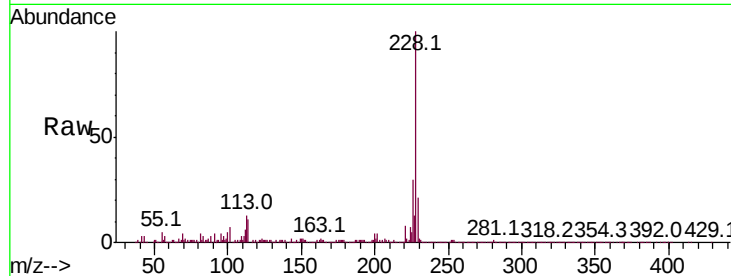
226 29.7 23.4 35.0

229 21.5 15.7 23.5

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#87

Benzo(b)fluoranthene

Concen: 32.970 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. 0.02 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

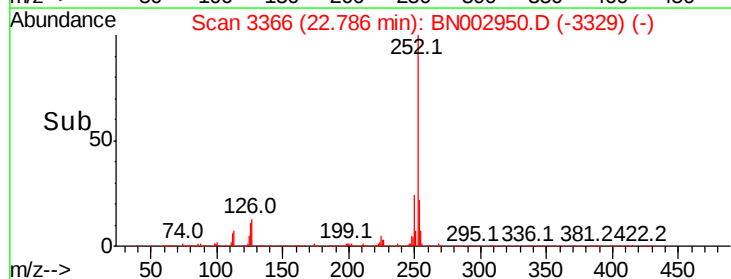
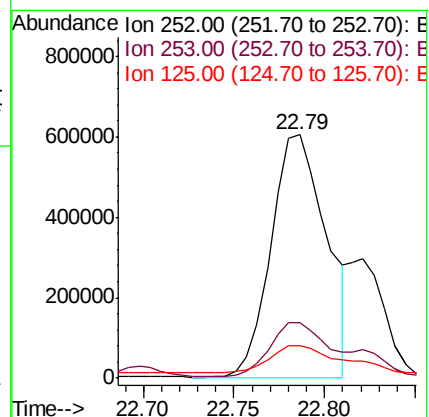
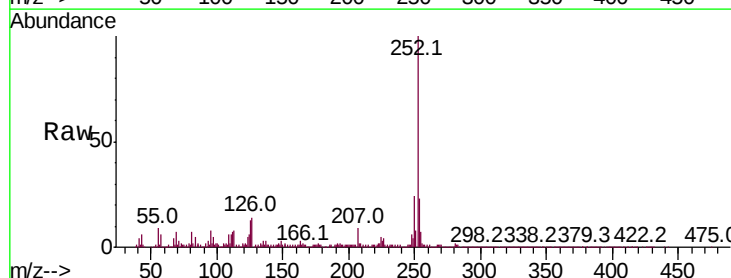
Tgt Ion:252 Resp: 1283217

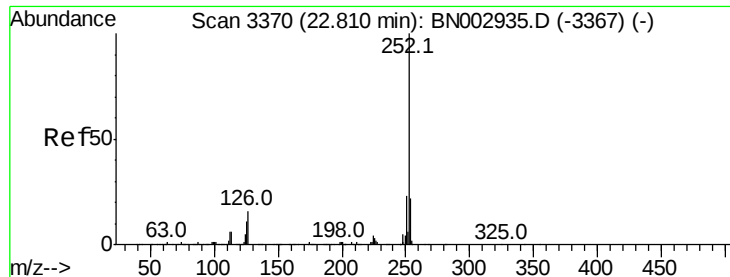
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 13.2 8.0 12.0#





#88

Benzo(k)fluoranthene

Concen: 10.879 ng/ul m

RT: 22.82 min Scan# 3372

Delta R.T. 0.01 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Instrument :

BNA_N

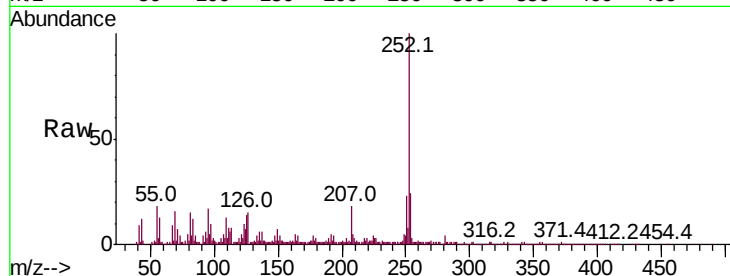
ClientSampled :

JLC28

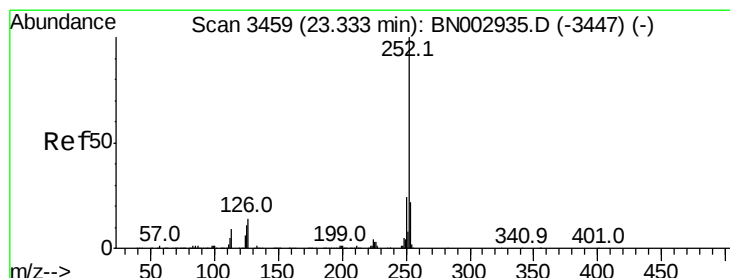
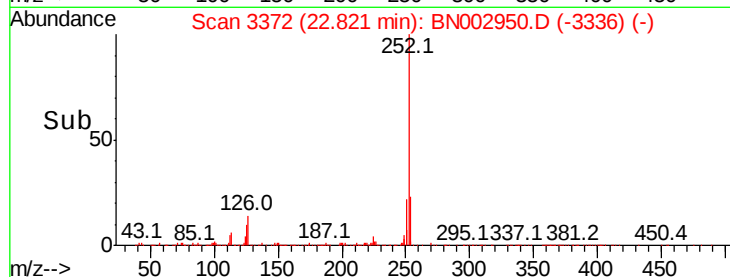
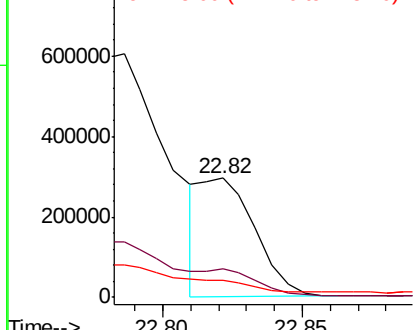
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	14.5	8.3	12.5#

Manual Integrations
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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: 18.157 ng/ul

RT: 23.34 min Scan# 3461

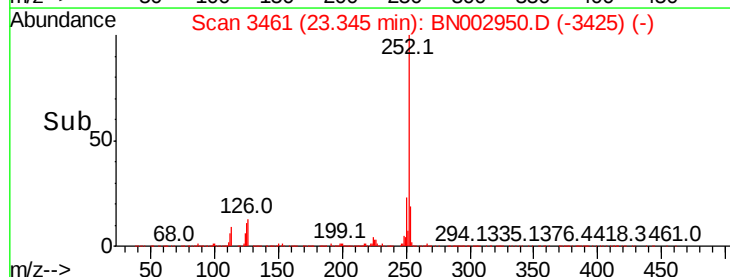
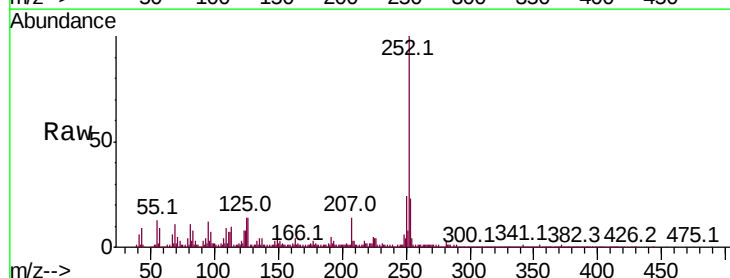
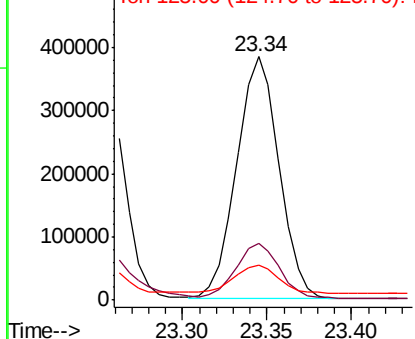
Delta R.T. 0.01 min

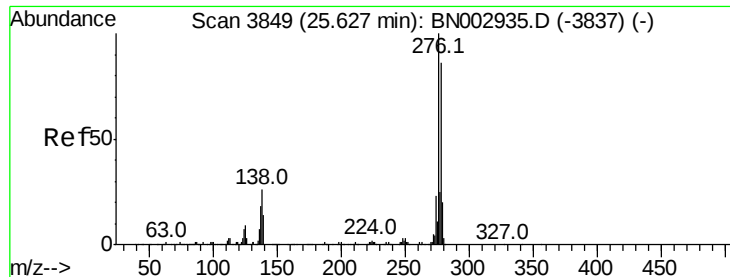
Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	14.4	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





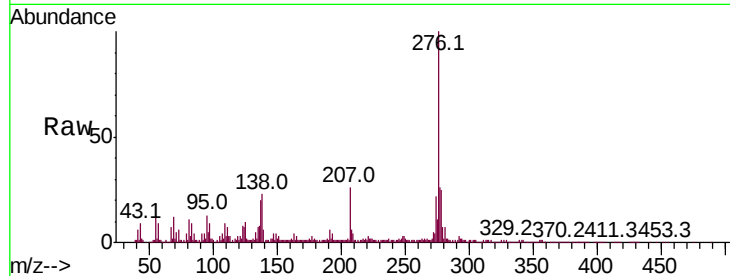
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 11.795 ng/ul
 RT: 25.64 min Scan# 3852
 Delta R.T. 0.02 min
 Lab File: BN002950.D
 Acq: 05 Oct 2018 01:28

Instrument :
 BNA_N
 ClientSampled :
 JLC28

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	20.2	30.4
277	25.8	20.0	30.0

Manual Integrations
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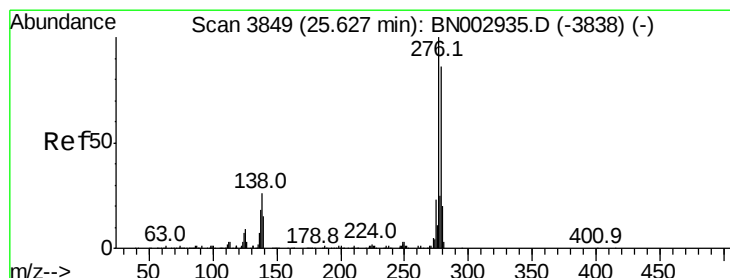
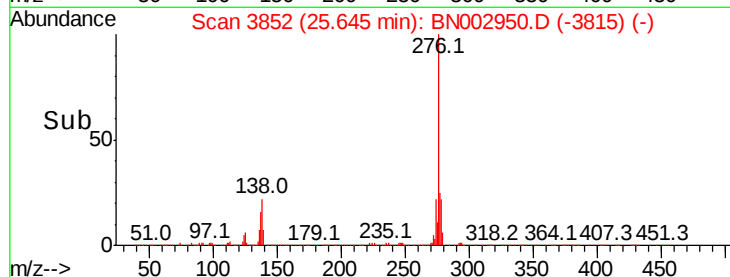
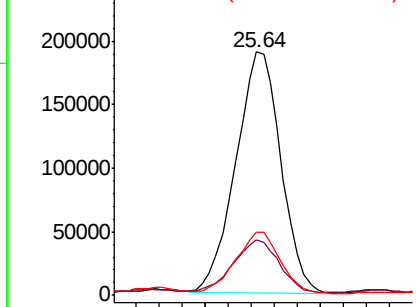


Abundance

Ion 276.00 (275.70 to 276.70): E

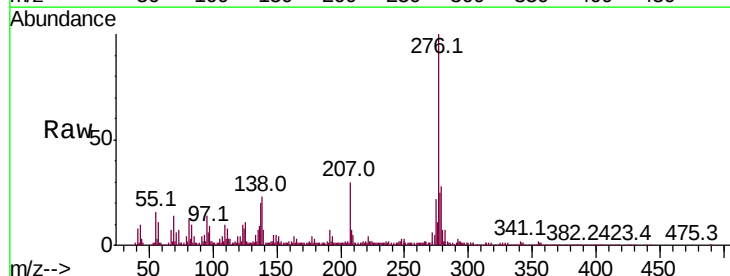
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#92
 Dibenzo(a,h)anthracene
 Concen: 3.942 ng/ul
 RT: 25.64 min Scan# 3851
 Delta R.T. 0.01 min
 Lab File: BN002950.D
 Acq: 05 Oct 2018 01:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.1	12.7	19.1#
279	26.3	18.7	28.1

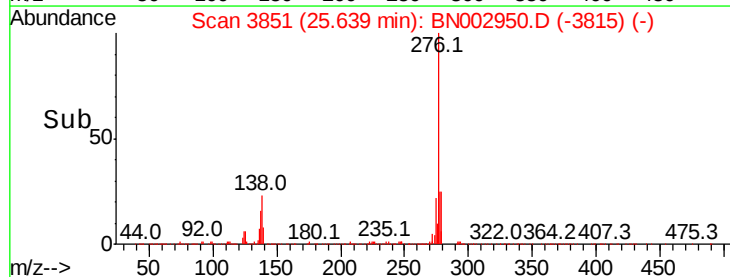
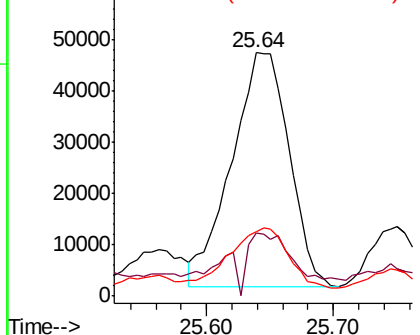


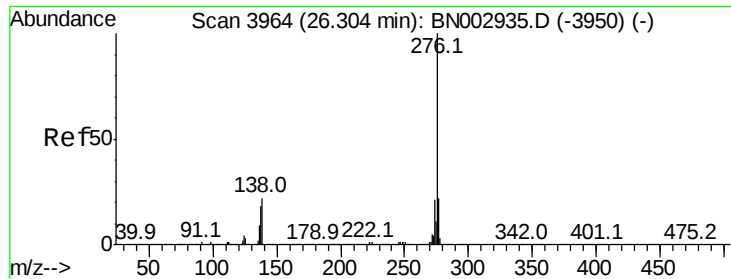
Abundance

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(a,h,i)perylene

Concen: 15.015 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. 0.02 min

Lab File: BN002950.D

Acq: 05 Oct 2018 01:28

Instrument :

BNA_N

ClientSampleId :

JLC28

Tot Ion:	276	Resp:	546778
Ion Ratio	Lower	Upper	
276	100		
138	22.0	18.2	27.2
277	24.7	18.6	28.0

Manual Integrations
APPROVED

Sohil
10/5/2018 5:30:15 PM

