

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002906.D
 Acq On : 03 Oct 2018 18:30
 Operator : MJ/SJ
 Sample : J5116-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC52

Manual Integrations
 APPROVED

Sohil
 10/4/2018 5:15:06 PM

Quant Time: Oct 04 03:53:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 02:50:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	646694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	373789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	839583	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	739634	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	606868	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	13139	4.30	ng/uL	0.00
5) Phenol-d5	6.81	99	322607	26.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	201411	27.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	269893	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	253825	27.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	134280	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	156263	27.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	276814	27.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	263797	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	829583	28.35	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1078954	28.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	112247	23.20	ng/ul	0.00
57) Fluorene-d10	15.26	176	749881	29.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	128720	24.51	ng/ul	0.00
70) Anthracene-d10	17.11	188	1137569	28.38	ng/ul	0.00
78) Pyrene-d10	19.42	212	1193250	30.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	909079	28.46	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.84	94	13406	1.110	ng/ul#	87
14) Acetophenone	8.44	105	161061	11.265	ng/ul	98
44) Dimethylphthalate	13.72	163	417179	14.609	ng/ul	100
49) Acenaphthene	14.33	153	26007	1.023	ng/ul	99
69) Phenanthrene	17.06	178	364148	7.872	ng/ul	100
71) Anthracene	17.15	178	82062	1.750	ng/ul	97
74) Carbazole	17.43	167	58656	1.457	ng/ul	97
75) Di-n-butylphthalate	17.99	149	138131	2.860	ng/ul	99
76) Fluoranthene	19.08	202	693716	14.058	ng/ul	99
79) Pyrene	19.45	202	607539	12.423	ng/ul	98
80) Butylbenzylphthalate	20.36	149	65197	3.204	ng/ul	95
82) Benzo(a)anthracene	21.20	228	288445	6.269	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	242135	8.196	ng/ul	99
84) Chrysene	21.26	228	481942	11.175	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	522315	14.093	ng/ul#	94
88) Benzo(k)fluoranthene	22.82	252	125705m	3.636	ng/ul	
90) Benzo(a)pyrene	23.33	252	217063	6.195	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.63	276	175749	4.237	ng/ul	98
92) Dibenzo(a,h)anthracene	25.63	278	45061	1.289	ng/ul#	86
93) Benzo(g,h,i)perylene	26.30	276	161614	4.661	ng/ul	98

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

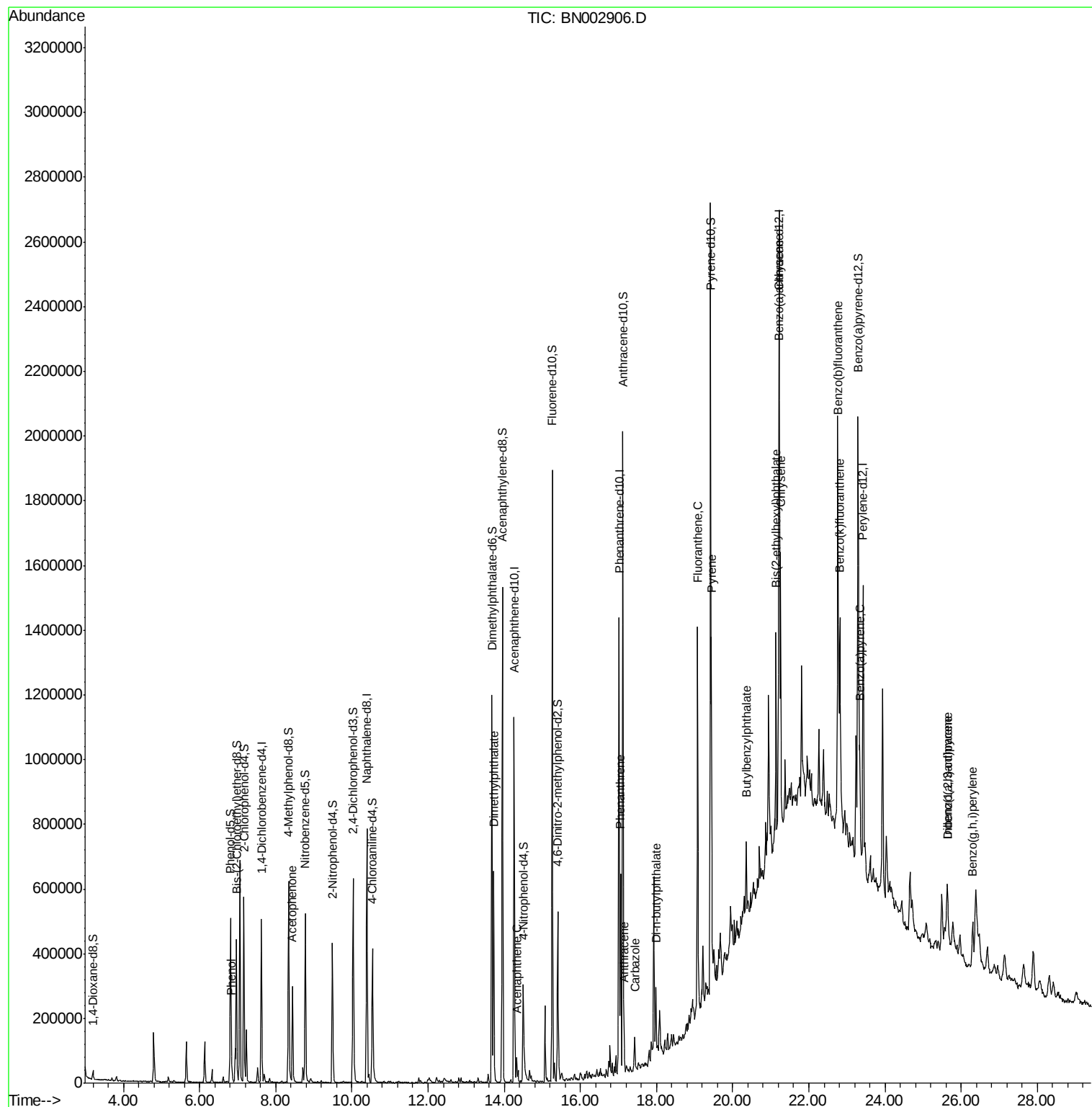
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100418\
Data File : BN002906.D
Acq On : 03 Oct 2018 18:30
Operator : MJ/SJ
Sample : J5116-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

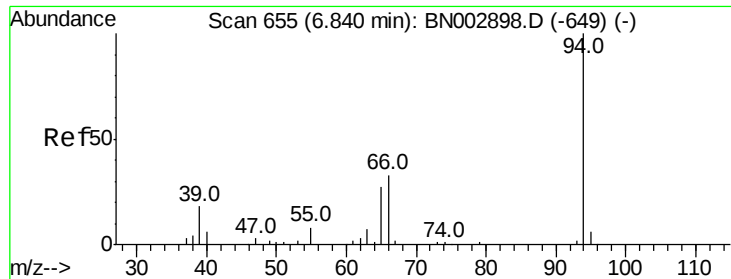
Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations
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Quant Time: Oct 04 03:53:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 02:50:09 2018
Response via : Initial Calibration





#6

Phenol

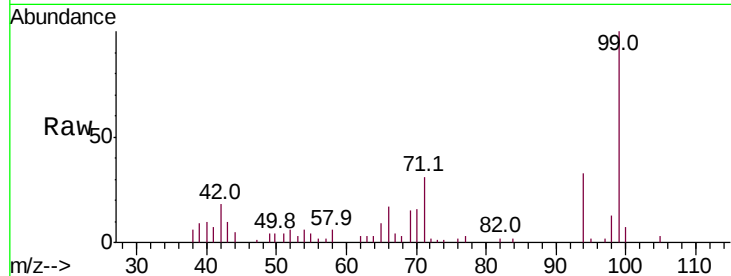
Concen: 1.110 ng/ul
 RT: 6.84 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BN002906.D
 Acq: 03 Oct 2018 18:30

Instrument :
 BNA_N
 ClientSampled :
 JLC52

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.1	34.7
66	50.0	29.8	44.6

Manual Integrations
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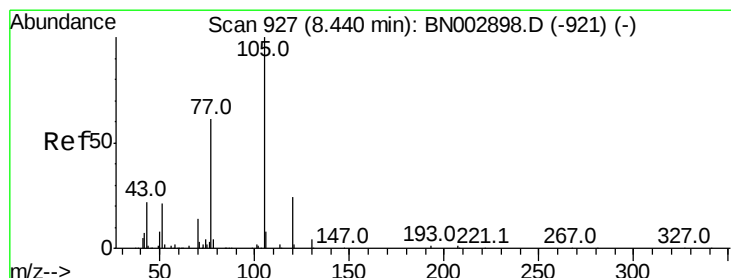
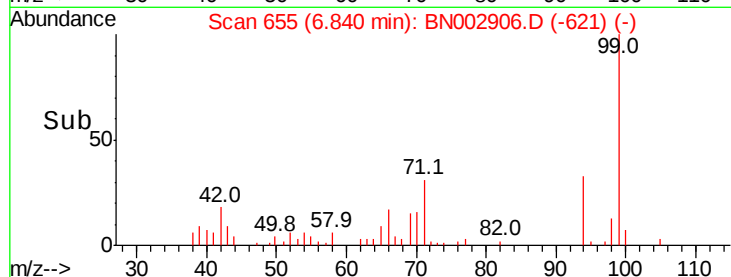
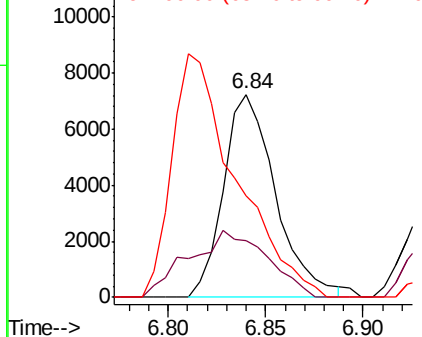


Abundance

Ion 94.00 (93.70 to 94.70): BN002898.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BN002898.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BN002898.D (-649) (-)

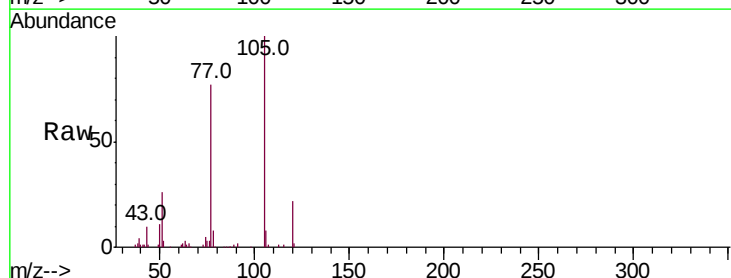


#14

Acetophenone

Concen: 11.265 ng/ul
 RT: 8.44 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BN002906.D
 Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
105	100		
77	77.3	62.9	94.3
51	25.7	21.9	32.9

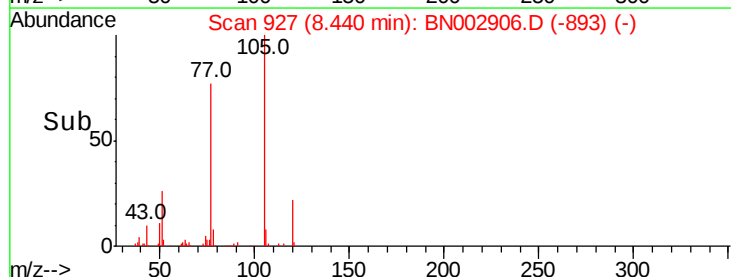
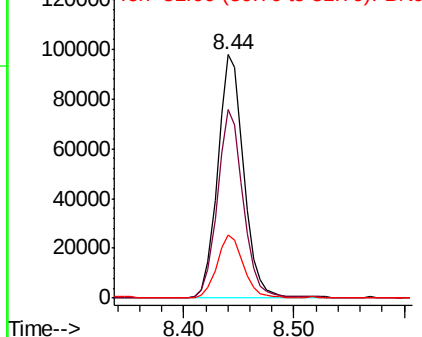


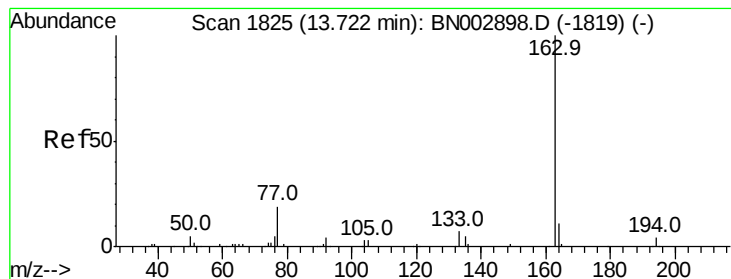
Abundance

Ion 105.00 (104.70 to 105.70): BN002898.D (-921) (-)

Ion 77.00 (76.70 to 77.70): BN002898.D (-921) (-)

Ion 51.00 (50.70 to 51.70): BN002898.D (-921) (-)





#44

Dimethylphthalate

Concen: 14.609 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

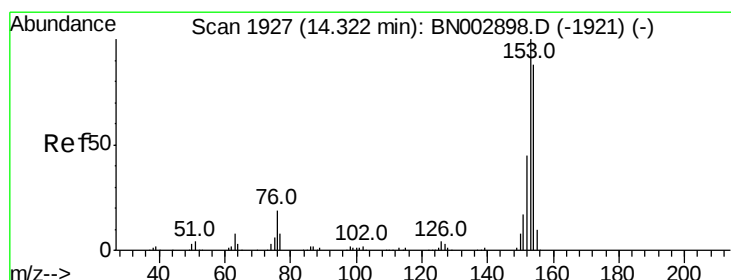
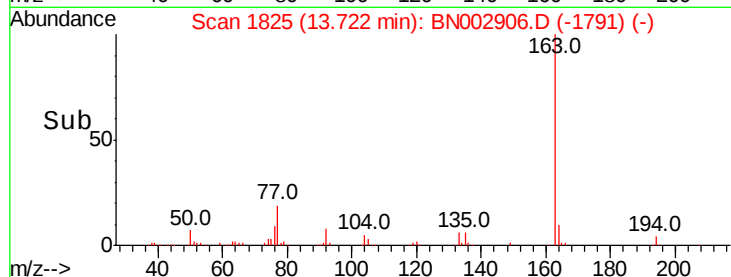
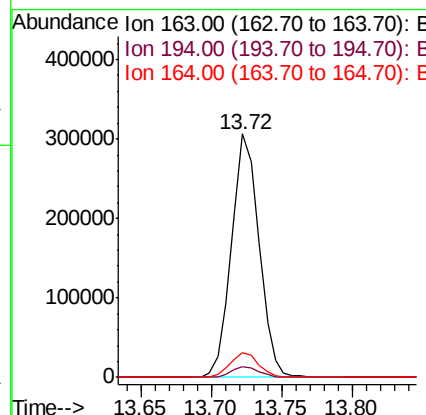
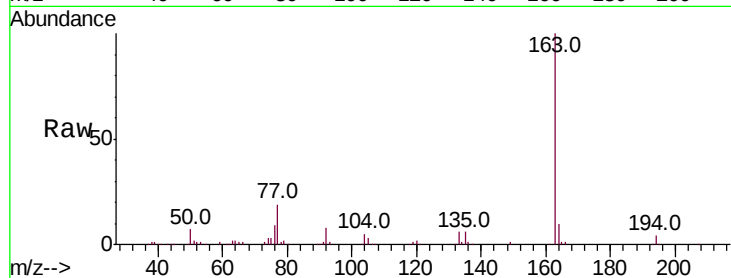
ClientSampled :

JLC52

Tot Ion:	163	Resp:	417179
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.0	8.1	12.1

Manual Integrations
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#49

Acenaphthene

Concen: 1.023 ng/ul

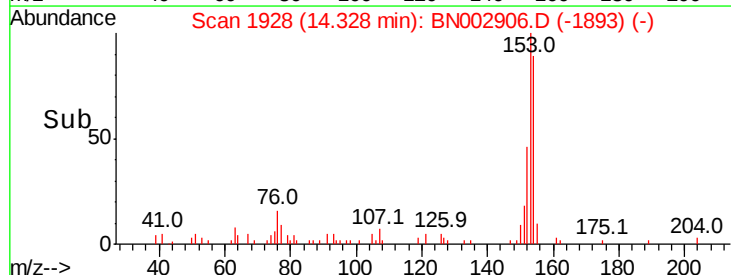
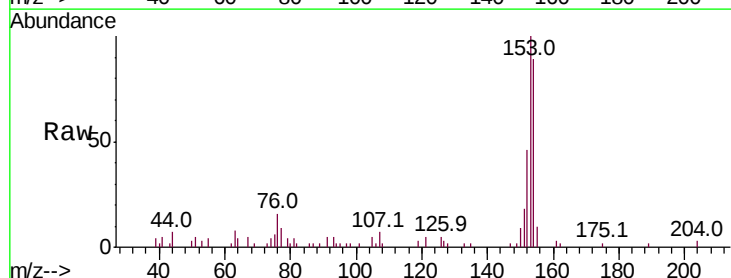
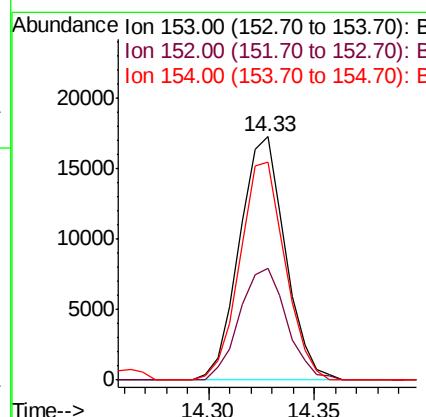
RT: 14.33 min Scan# 1928

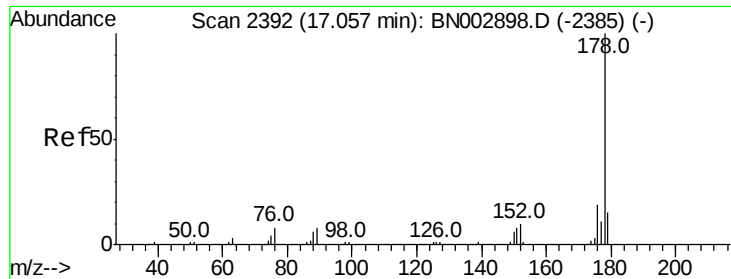
Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Tgt Ion:	153	Resp:	26007
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.8	56.6
154	89.4	70.9	106.3





#69

Phenanthrene

Concen: 7.872 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

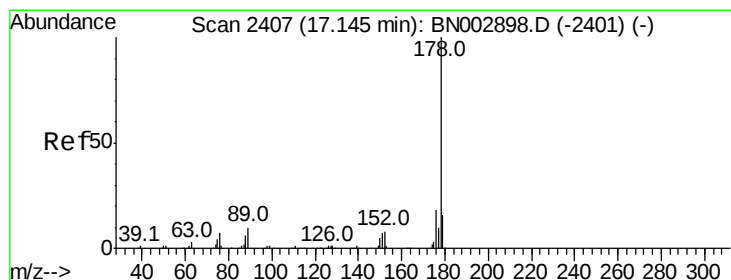
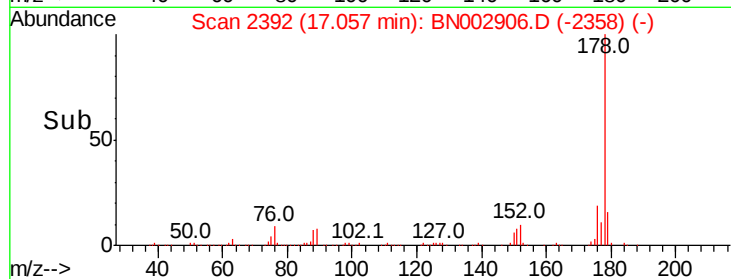
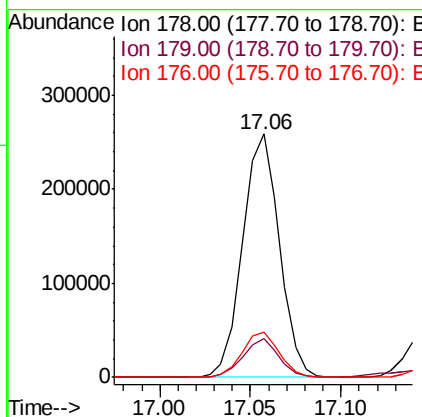
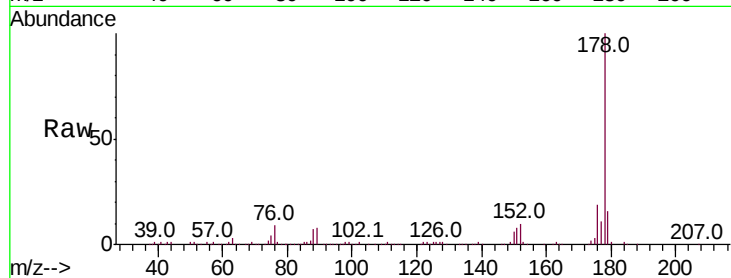
ClientSampleId :

JLC52

Tot Ion:	178	Resp:	364148
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.4
176	18.8	15.0	22.6

Manual Integrations
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#71

Anthracene

Concen: 1.750 ng/ul

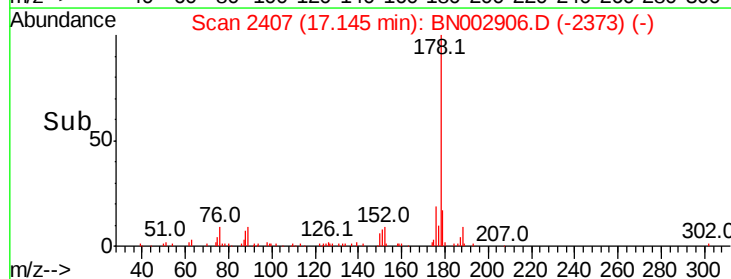
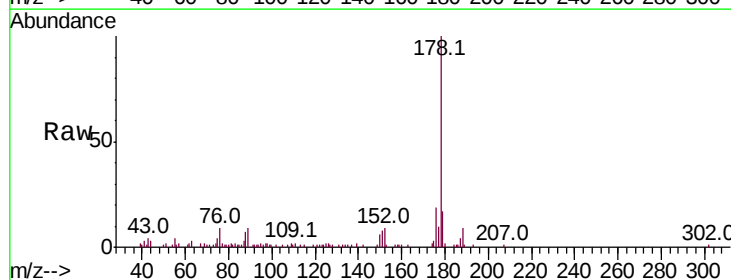
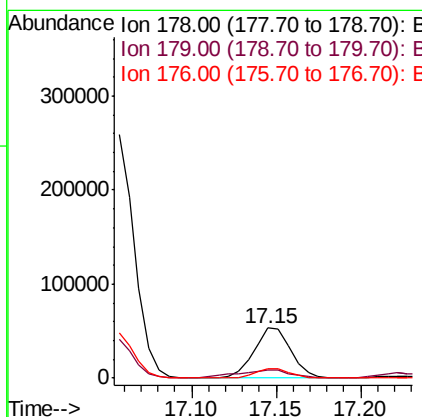
RT: 17.15 min Scan# 2407

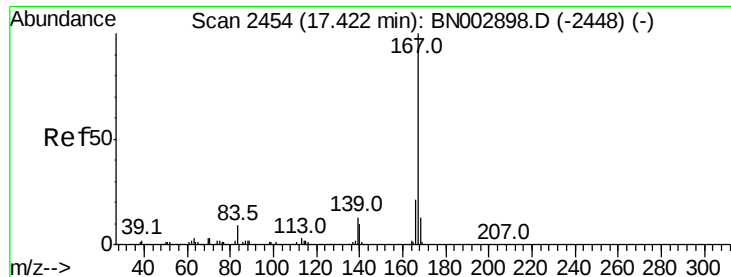
Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Tgt Ion:	178	Resp:	82062
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.0	18.0
176	19.5	15.0	22.4





#74

Carbazole

Concen: 1.457 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

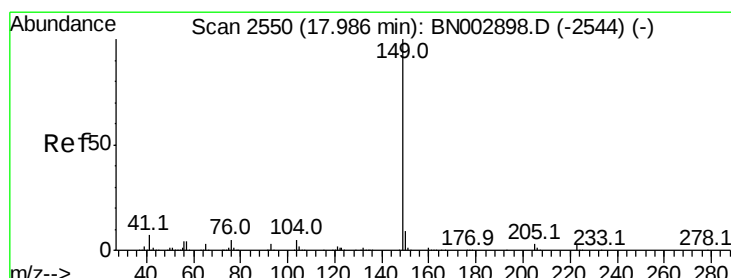
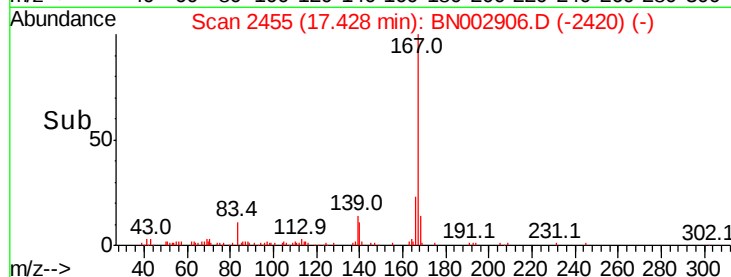
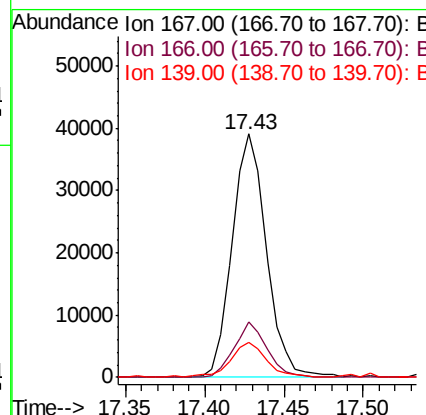
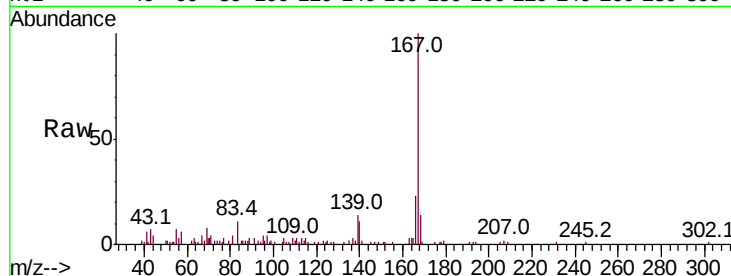
ClientSampled :

JLC52

Tot Ion:	167	Resp:	58656
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.0	25.6
139	14.2	10.7	16.1

Manual Integrations
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#75

Di-n-butylphthalate

Concen: 2.860 ng/ul

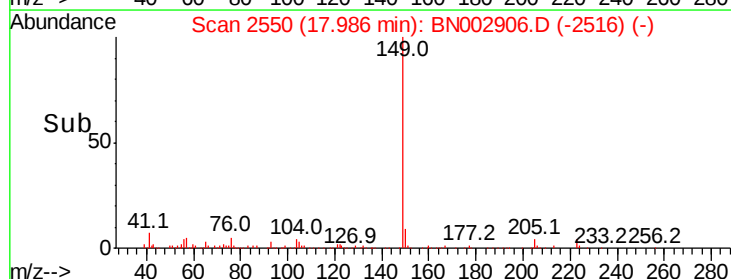
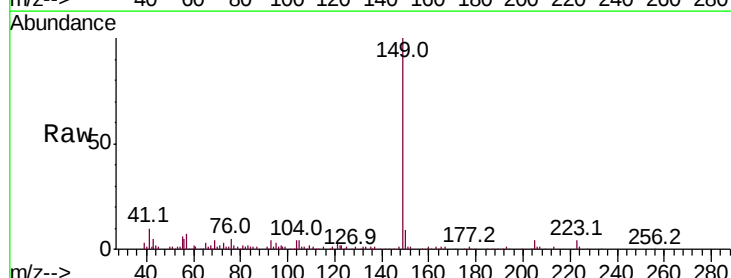
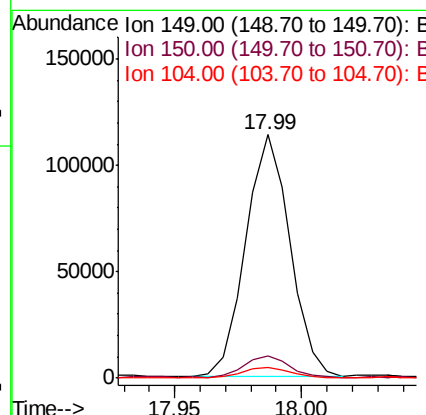
RT: 17.99 min Scan# 2550

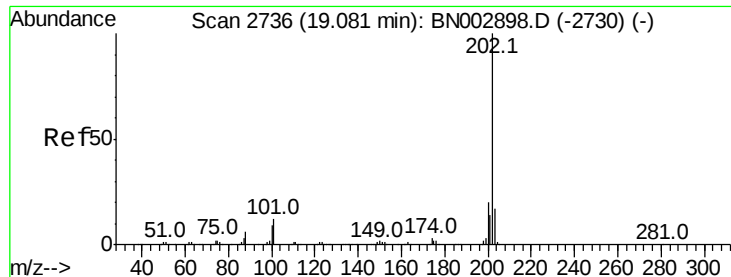
Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Tgt Ion:	149	Resp:	138131
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.3	10.9
104	4.4	3.7	5.5





#76

Fluoranthene

Concen: 14.058 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

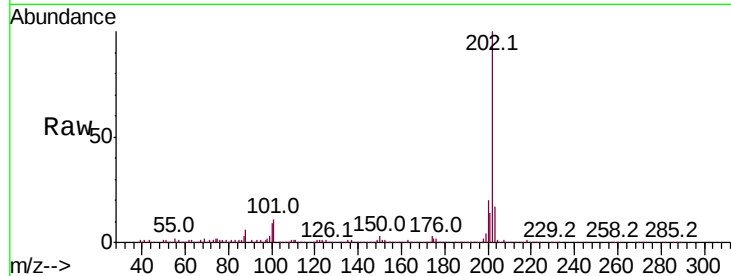
ClientSampleId :

JLC52

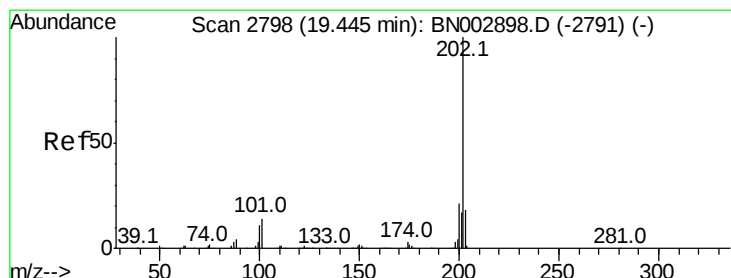
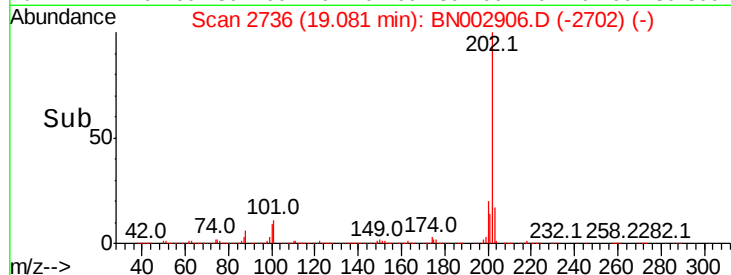
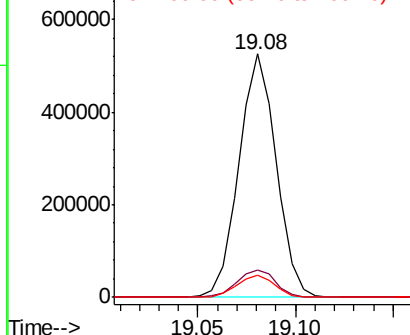
Tot Ion:	202	Resp:	693716
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.4	14.2
100	8.9	7.0	10.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 12.423 ng/ul

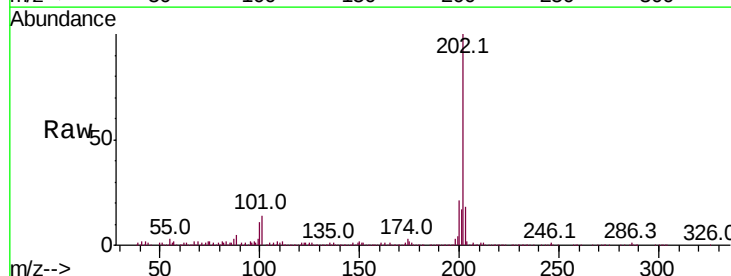
RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

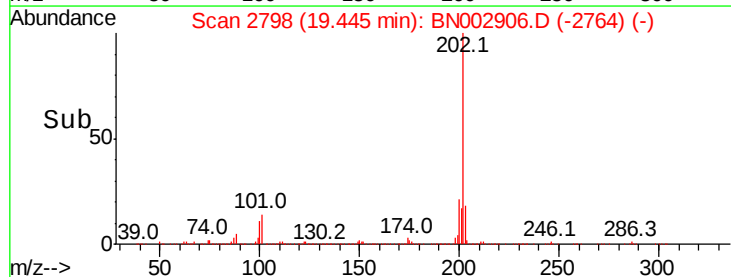
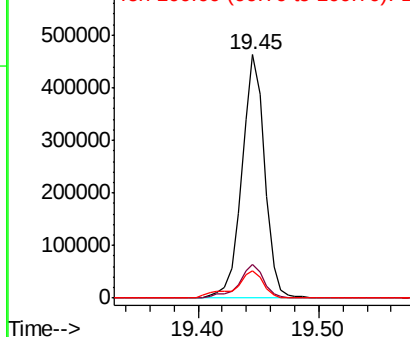
Lab File: BN002906.D

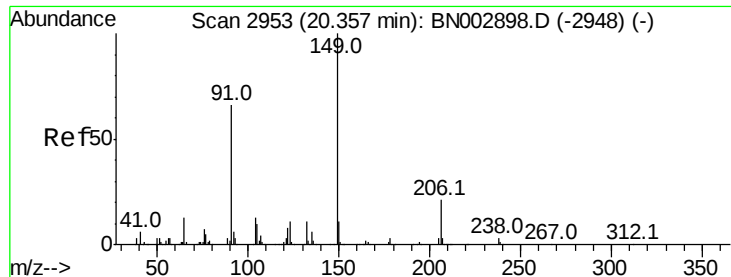
Acq: 03 Oct 2018 18:30

Tgt Ion:	202	Resp:	607539
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.8	16.2
100	11.2	8.2	12.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





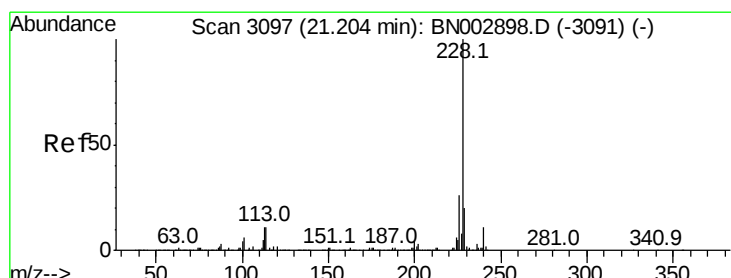
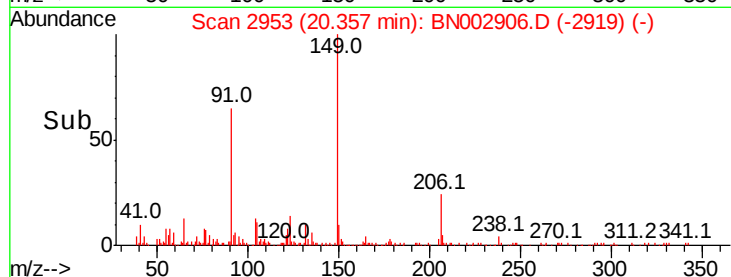
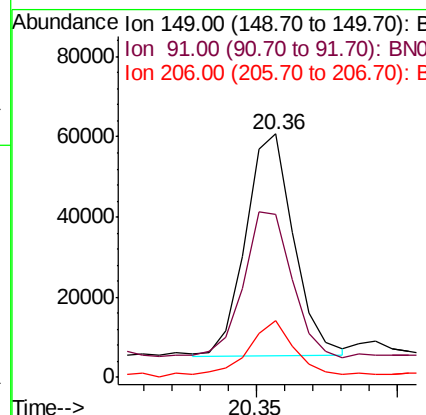
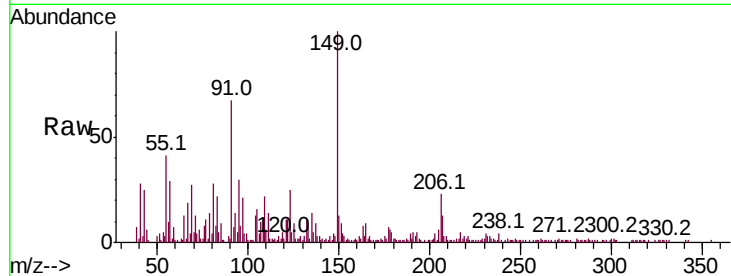
#80
Butylbenzylphthalate
Concen: 3.204 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Instrument :
BNA_N
ClientSampleId :
JLC52

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.7	56.3	84.5
206	23.1	16.8	25.2

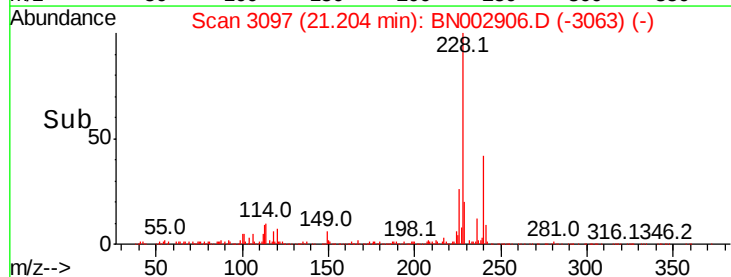
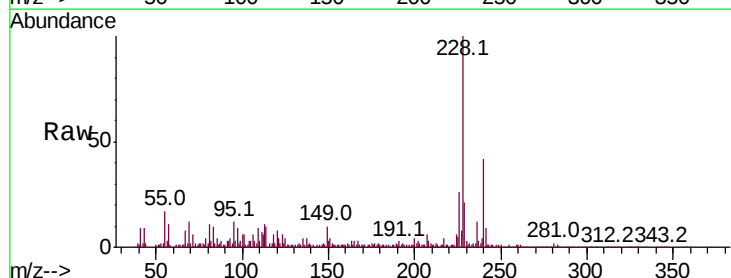
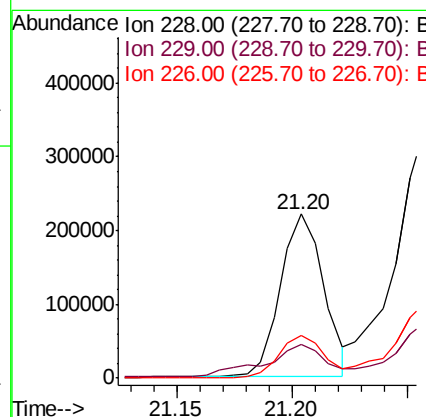
Manual Integrations
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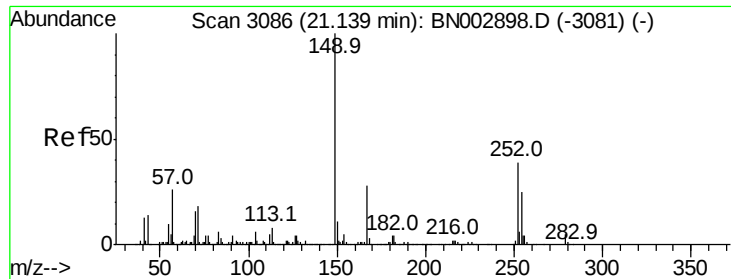
Sohil
10/4/2018 5:15:06 PM



#82
Benzo(a)anthracene
Concen: 6.269 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	26.2	20.9	31.3





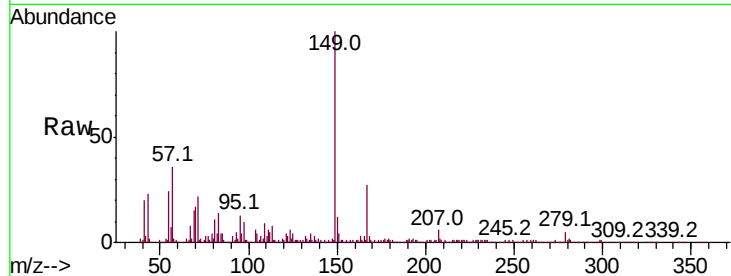
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.196 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Instrument :
BNA_N
ClientSampled :
JLC52

Tot Ion	Ratio	Resp	Lower	Upper
149	100	242135		
167	26.9	22.0	33.0	
279	4.7	3.3	4.9	

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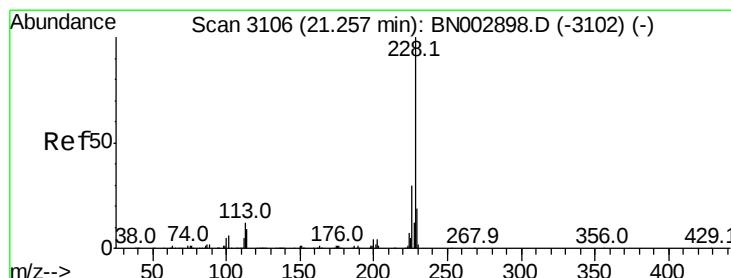
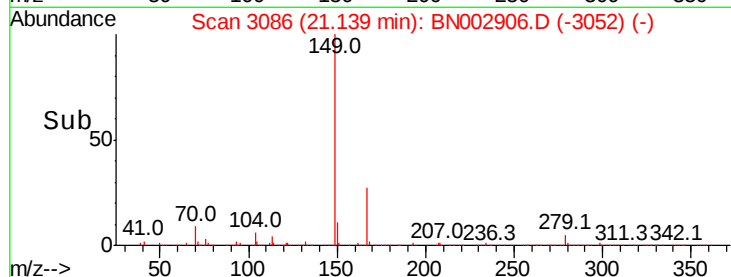
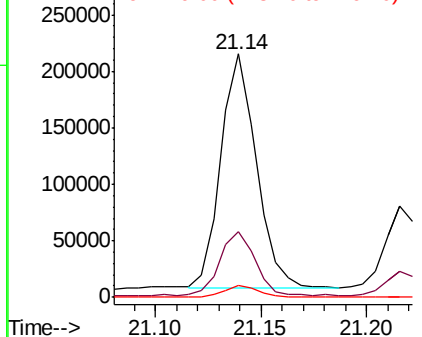


Abundance

Ion 149.00 (148.70 to 149.70): E

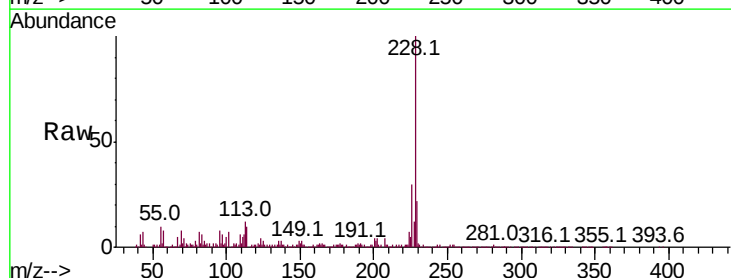
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
Chrysene
Concen: 11.175 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.00 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	481942		
226	29.7	23.4	35.0	
229	21.9	15.7	23.5	

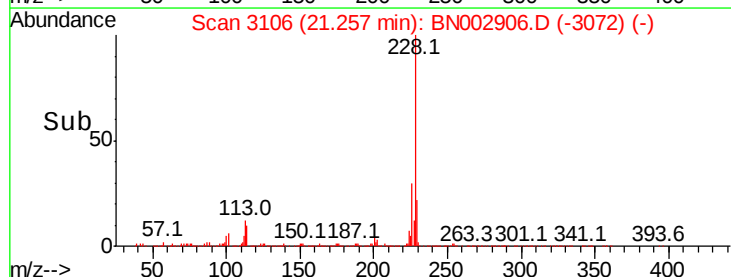
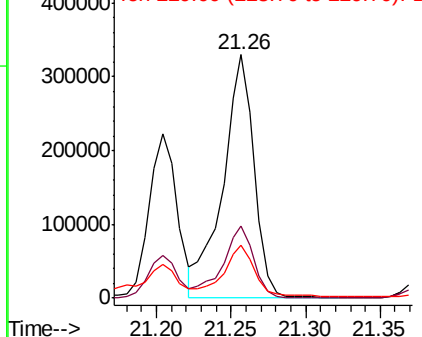


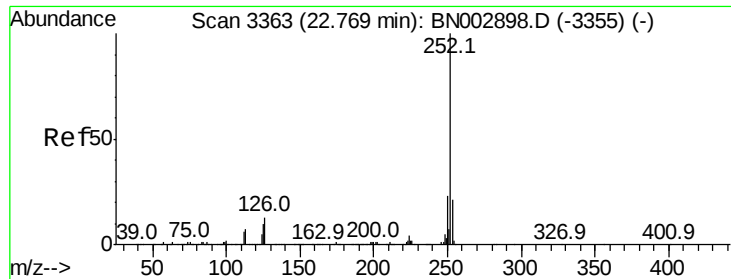
Abundance

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





#87

Benzo(b)fluoranthene

Concen: 14.093 ng/ul

RT: 22.77 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

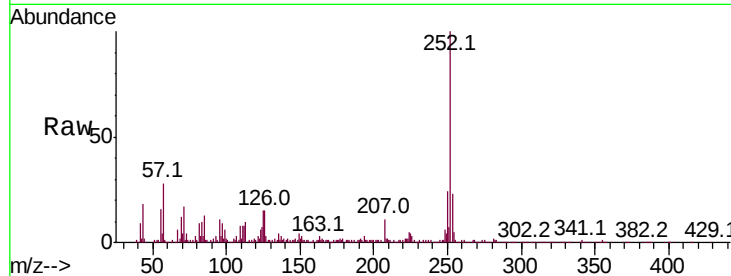
ClientSampled :

JLC52

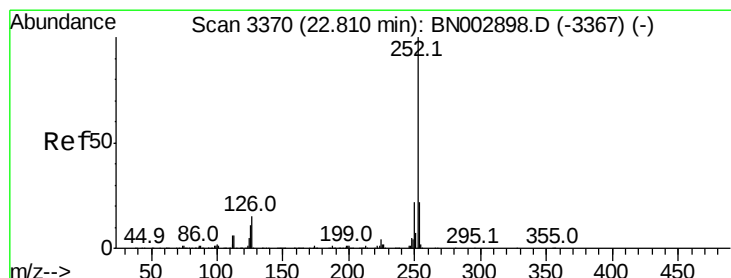
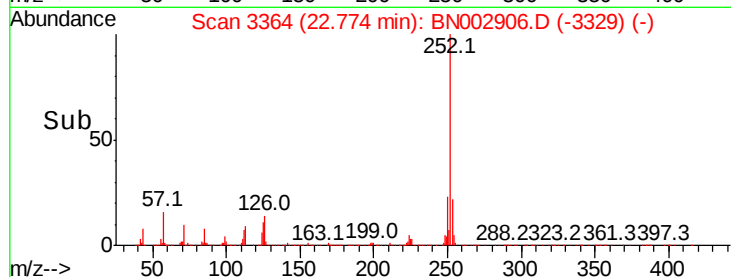
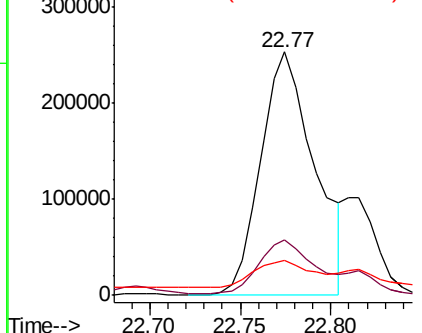
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.8	17.0	25.4	
125	14.5	8.0	12.0	

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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



#88

Benzo(k)fluoranthene

Concen: 3.636 ng/ul m

RT: 22.82 min Scan# 3371

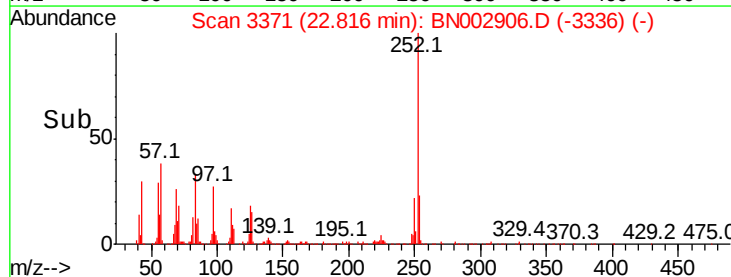
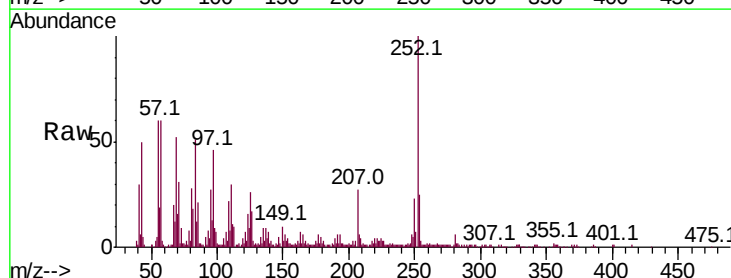
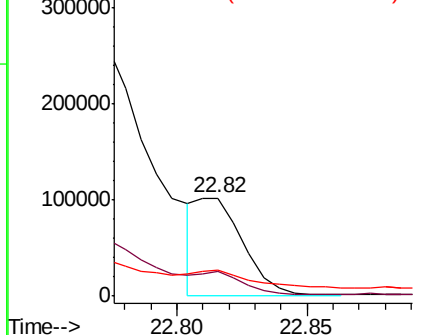
Delta R.T. 0.01 min

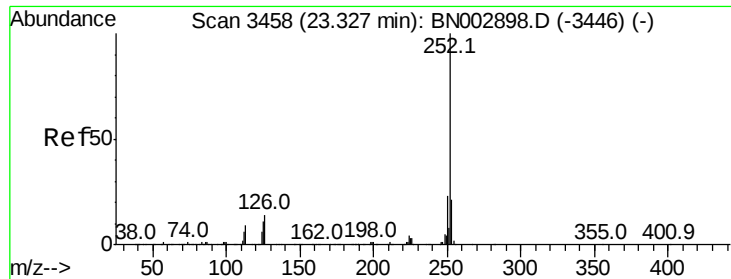
Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	24.7	17.8	26.8	
125	25.9	8.3	12.5	

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





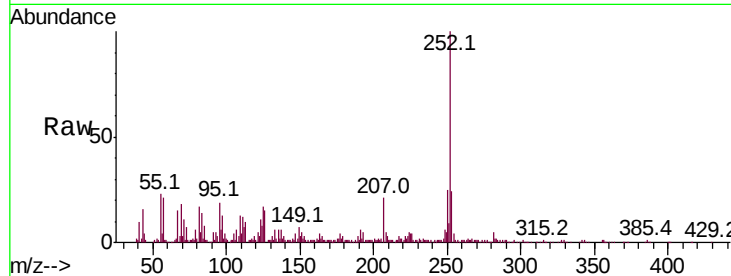
#90
Benzo(a)pyrene
Concen: 6.195 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Instrument :
BNA_N
ClientSampleId :
JLC52

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	16.6	8.8	13.2

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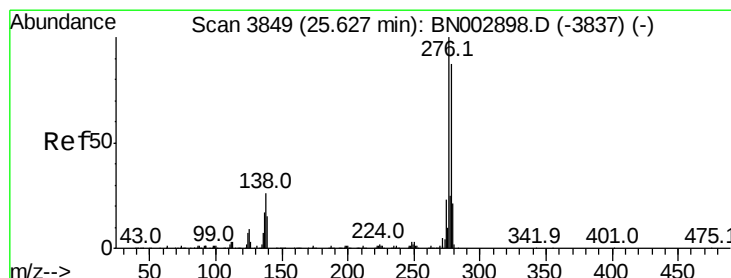
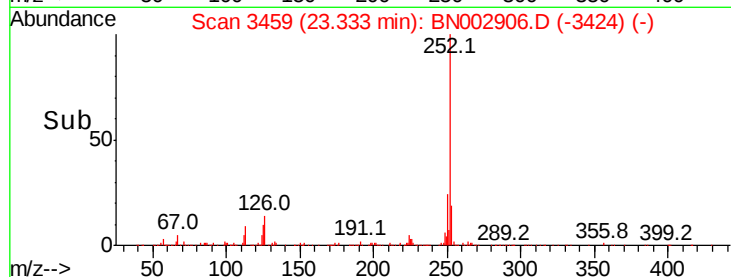
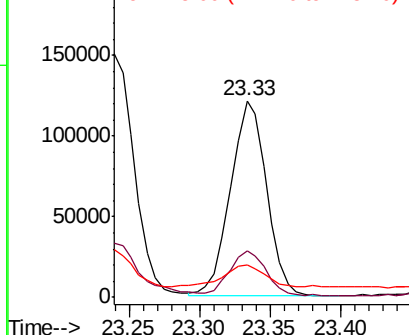


Abundance

Ion 252.00 (251.70 to 252.70): E

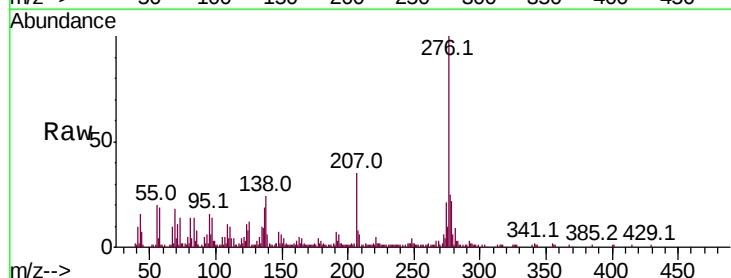
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Indeno(1,2,3-cd)pyrene
Concen: 4.237 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. 0.01 min
Lab File: BN002906.D
Acq: 03 Oct 2018 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.2	30.4
277	25.4	20.0	30.0

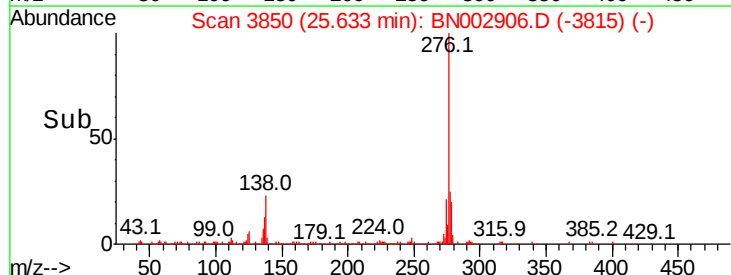
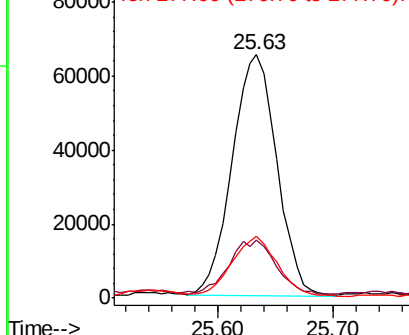


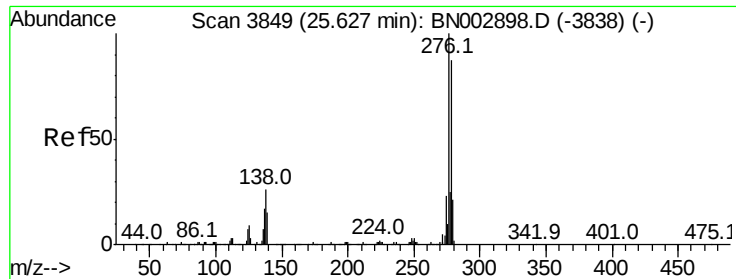
Abundance

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: 1.289 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Instrument :

BNA_N

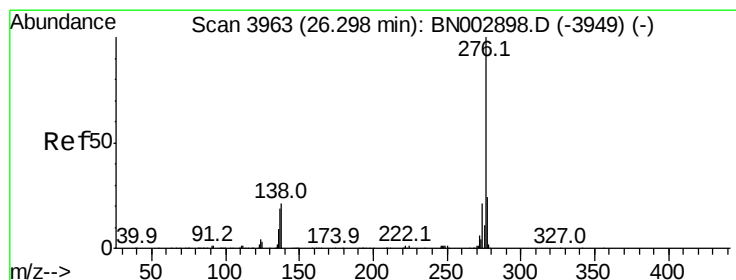
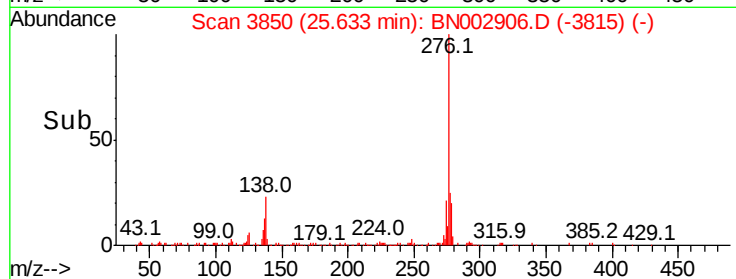
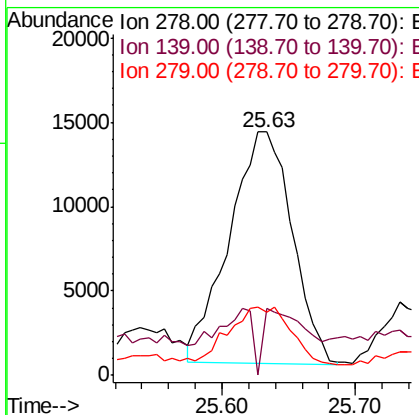
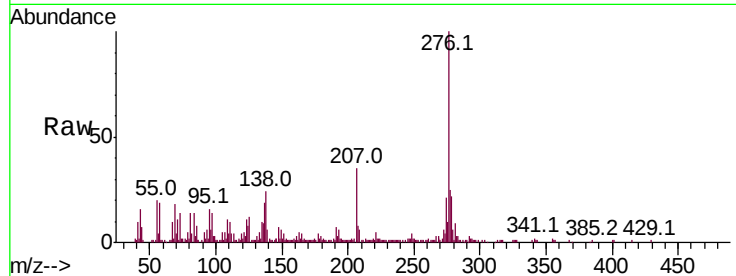
ClientSampled :

JLC52

Tot Ion:	278	Resp:	45061
Ion Ratio	Lower	Upper	
278	100		
139	27.4	12.7	19.1#
279	26.1	18.7	28.1

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#93

Benzo(g,h,i)perylene

Concen: 4.661 ng/ul

RT: 26.30 min Scan# 3964

Delta R.T. 0.01 min

Lab File: BN002906.D

Acq: 03 Oct 2018 18:30

Tgt Ion:	276	Resp:	161614
Ion Ratio	Lower	Upper	
276	100		
138	22.5	18.2	27.2
277	25.1	18.6	28.0

