

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002917.D
 Acq On : 04 Oct 2018 00:54
 Operator : MJ/SJ
 Sample : J5115-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC13

Manual Integrations
 APPROVED

Sohil
 10/4/2018 5:15:16 PM

Quant Time: Oct 04 04:39:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 04:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	152763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	678129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	383056	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	792239	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	568484	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	539509	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9789	2.96	ng/uL	0.00
5) Phenol-d5	6.82	99	234659	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	152723	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	201035	18.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	175399	17.46	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	100787	19.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	116635	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	201103	18.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	202397	16.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	600846	20.04	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	774902	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	75249	15.18	ng/ul	0.01
57) Fluorene-d10	15.26	176	535342	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	77452	15.63	ng/ul	0.00
70) Anthracene-d10	17.11	188	756080	19.99	ng/ul	0.00
78) Pyrene-d10	19.42	212	707766	23.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	572168	20.15	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.84	94	14601	1.116	ng/ul	94
14) Acetophenone	8.45	105	23406	1.512	ng/ul	95
44) Dimethylphthalate	13.72	163	375841	12.843	ng/ul	100
69) Phenanthrene	17.06	178	48627	1.114	ng/ul	97
75) Di-n-butylphthalate	17.99	149	223143	4.897	ng/ul	100
76) Fluoranthene	19.08	202	140518	3.018	ng/ul	100
79) Pyrene	19.44	202	148458	3.950	ng/ul	98
80) Butylbenzylphthalate	20.36	149	437701	27.985	ng/ul	96
82) Benzo(a)anthracene	21.20	228	91724	2.594	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	268293	11.816	ng/ul	100
84) Chrysene	21.26	228	476052	14.362	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	347380	10.543	ng/ul#	92
88) Benzo(k)fluoranthene	22.80	252	79764m	2.595	ng/ul	
90) Benzo(a)pyrene	23.33	252	55193	1.772	ng/ul#	72
91) Indeno(1,2,3-cd)pyrene	25.63	276	104998	2.847	ng/ul	98
93) Benzo(g,h,i)perylene	26.30	276	128214	4.159	ng/ul	96

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

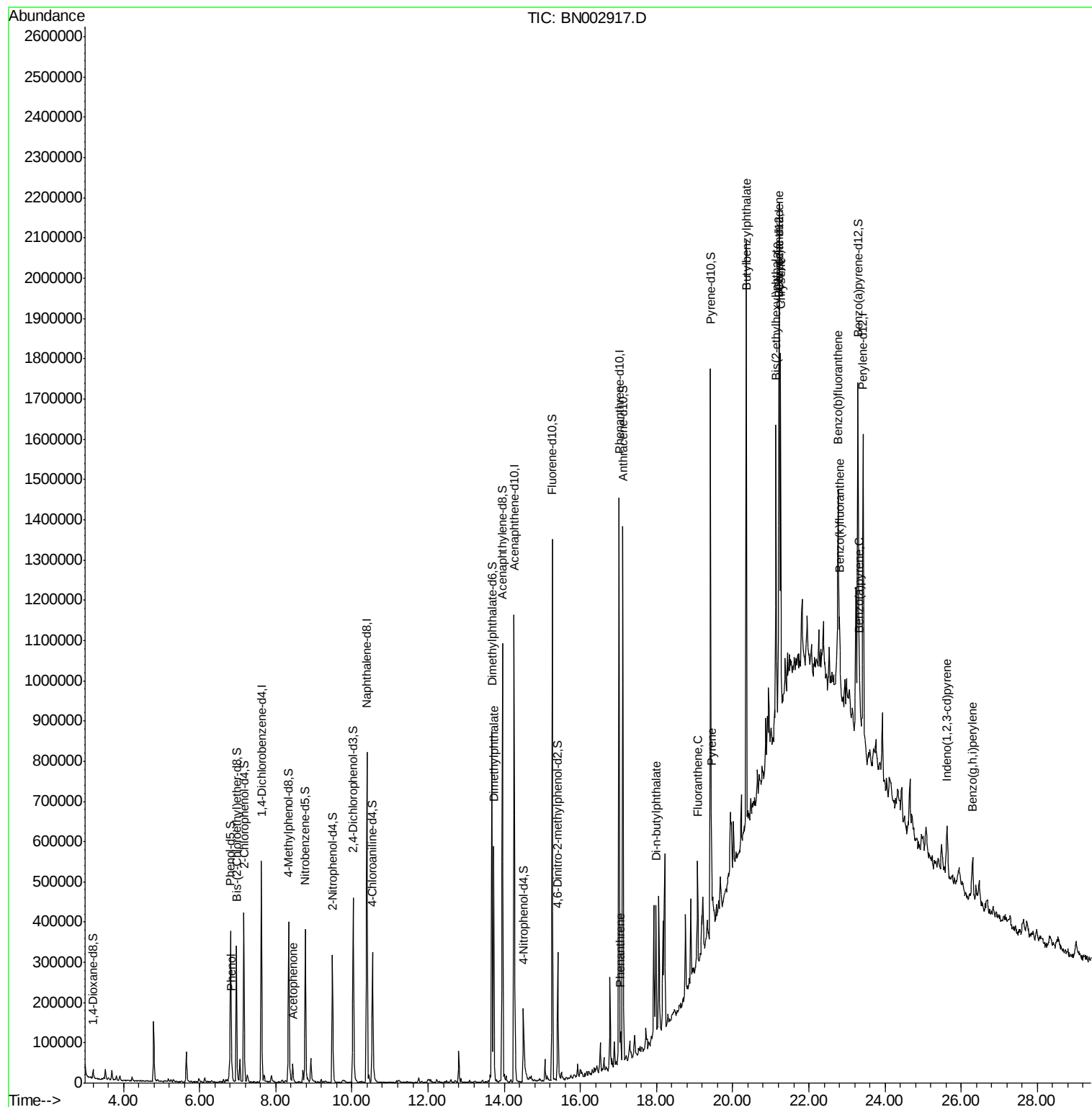
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Data File : BN002917.D
Acq On : 04 Oct 2018 00:54
Operator : MJ/SJ
Sample : J5115-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

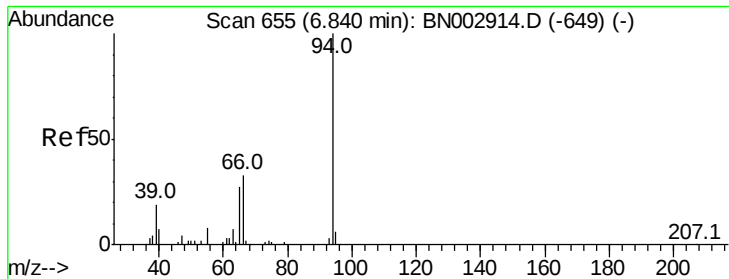
Instrument :
BNA_N
ClientSampleId :
JLC13

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Quant Time: Oct 04 04:39:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 04:26:52 2018
Response via : Initial Calibration





#6

Phenol

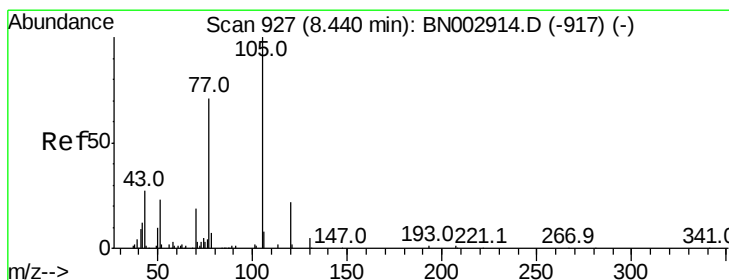
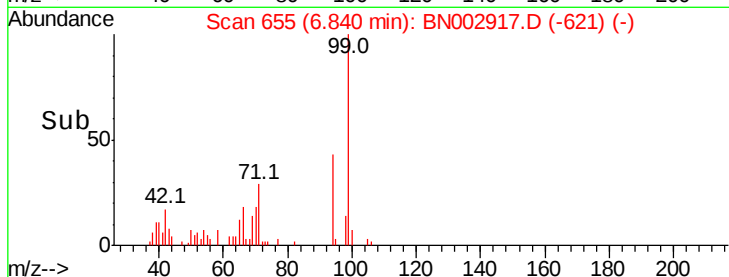
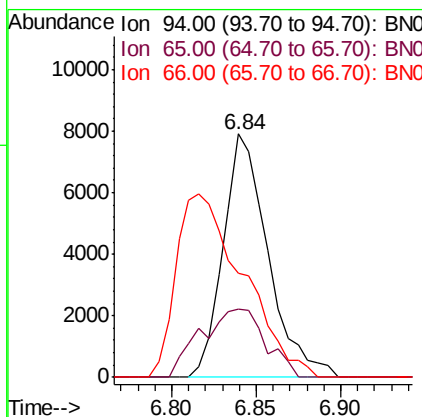
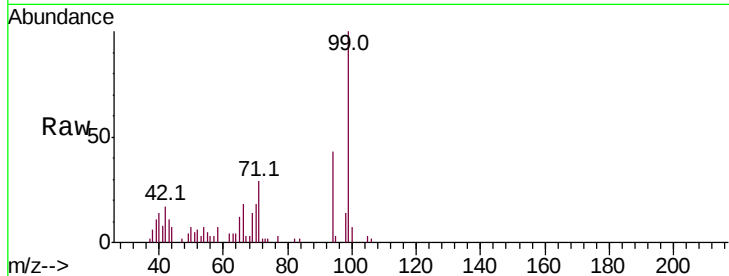
Concen: 1.116 ng/ul
 RT: 6.84 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BN002917.D
 Acq: 04 Oct 2018 00:54

Instrument :
 BNA_N
 ClientSampled :
 JLC13

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.1	34.7
66	42.5	29.8	44.6

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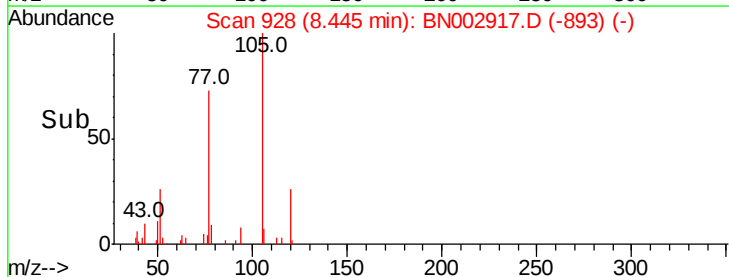
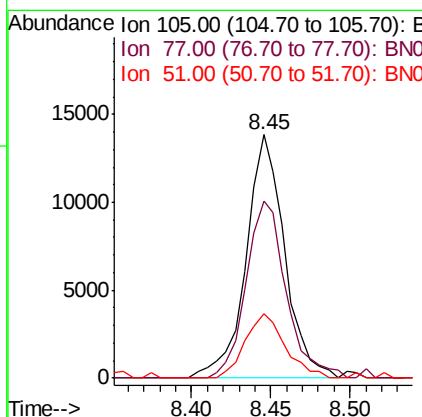
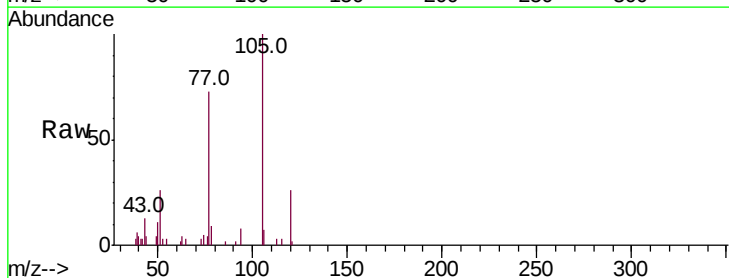


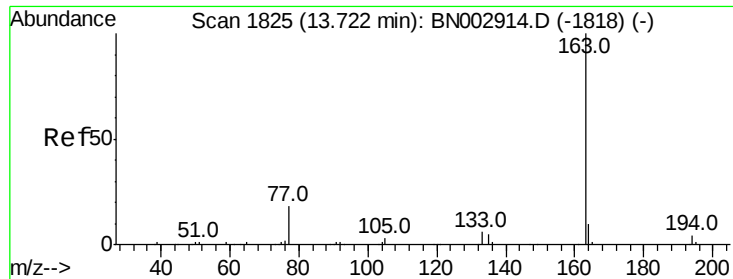
#14

Acetophenone

Concen: 1.512 ng/ul
 RT: 8.45 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BN002917.D
 Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
105	100		
77	72.7	62.9	94.3
51	26.4	21.9	32.9





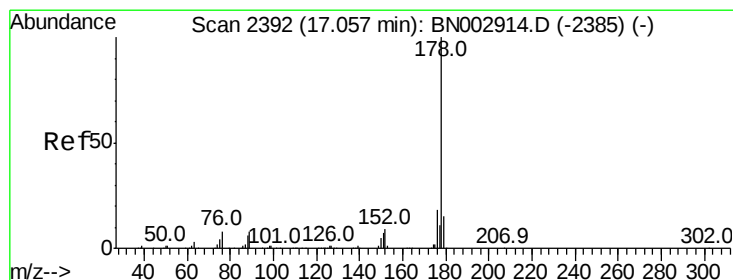
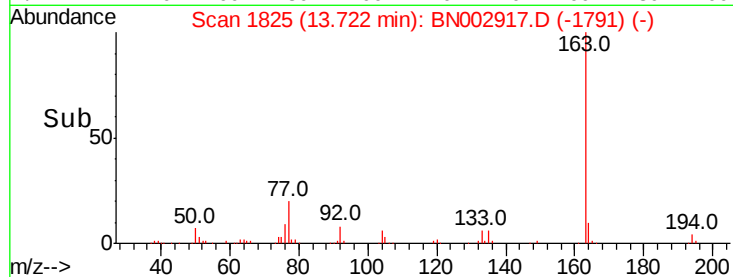
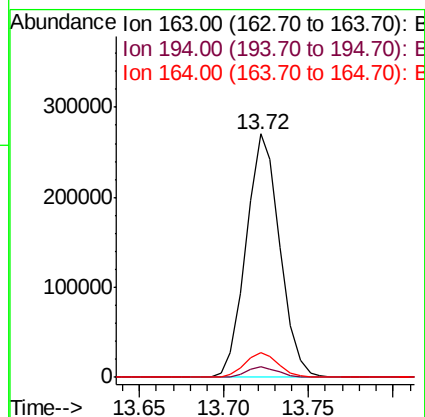
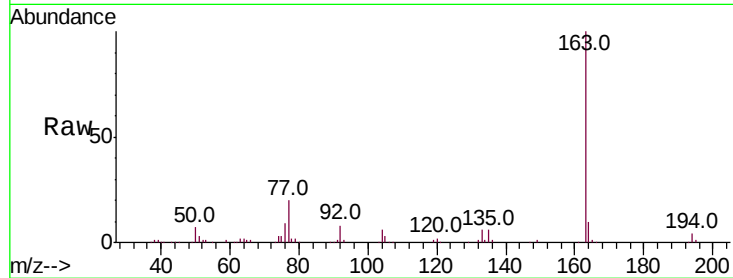
#44
Dimethylphthalate
Concen: 12.843 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Instrument :
BNA_N
ClientSampled :
JLC13

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.3	8.1	12.1

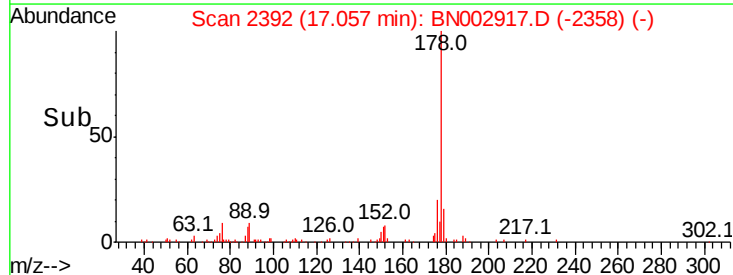
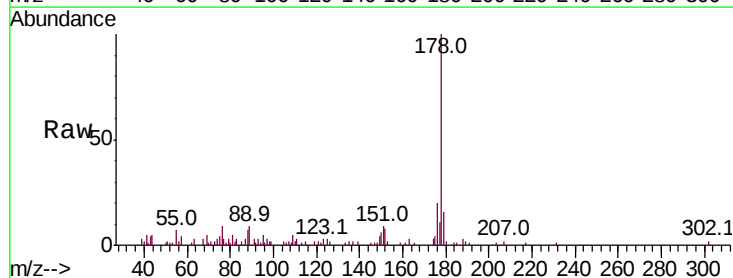
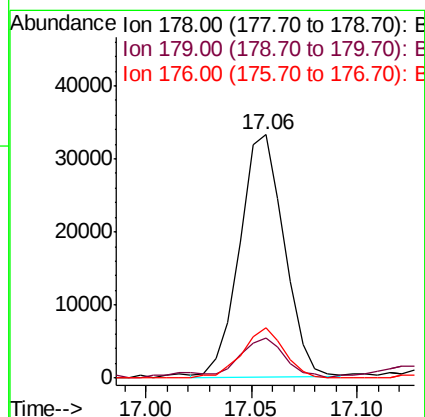
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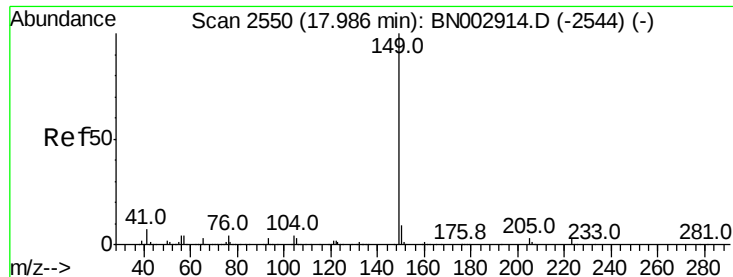
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#69
Phenanthrene
Concen: 1.114 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.4
176	20.5	15.0	22.6





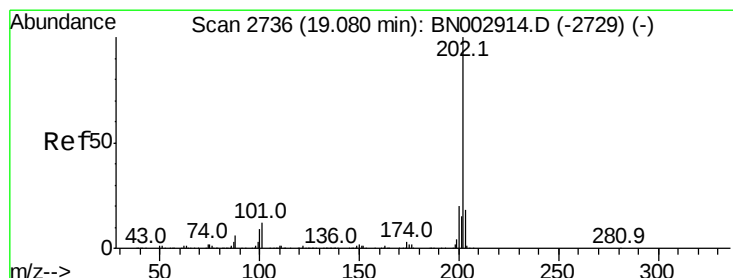
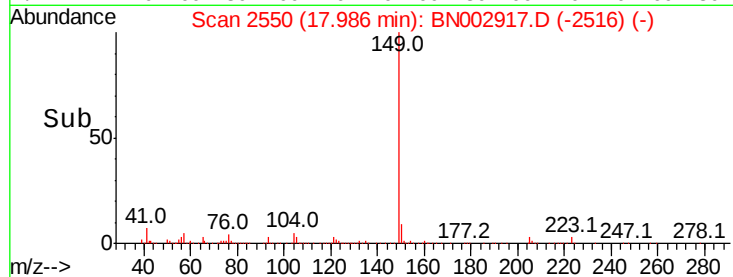
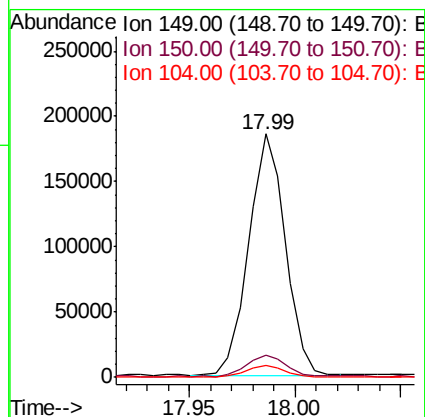
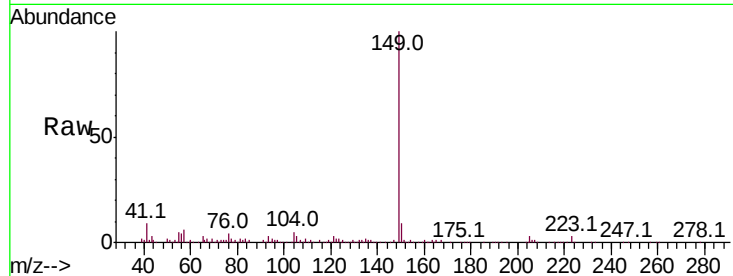
#75
Di-n-butylphthalate
Concen: 4.897 ng/ul
RT: 17.99 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Instrument :
BNA_N
ClientSampled :
JLC13

Tot Ion:	149	Resp:	223143
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.3	10.9
104	4.8	3.7	5.5

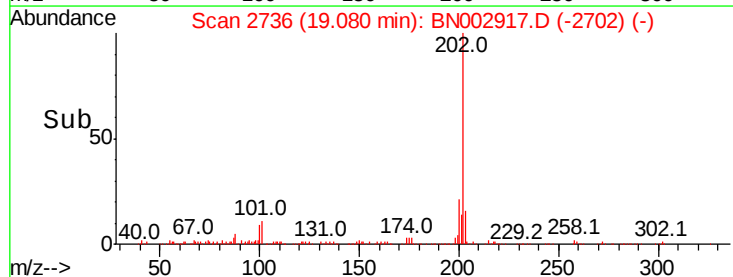
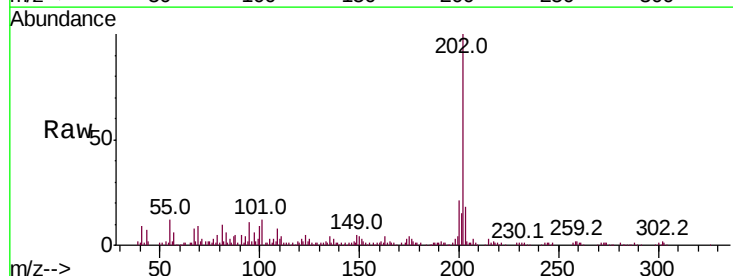
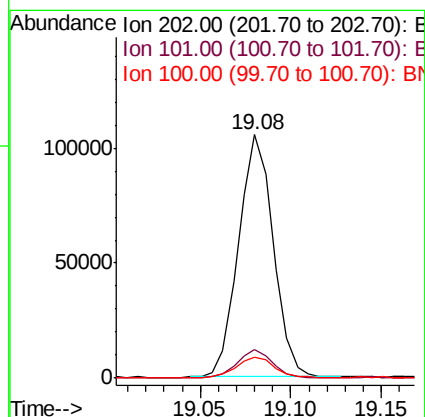
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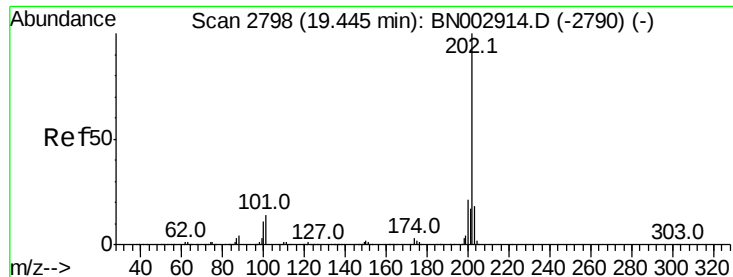
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#76
Fluoranthene
Concen: 3.018 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion:	202	Resp:	140518
Ion Ratio	Lower	Upper	
202	100		
101	11.7	9.4	14.2
100	8.8	7.0	10.6





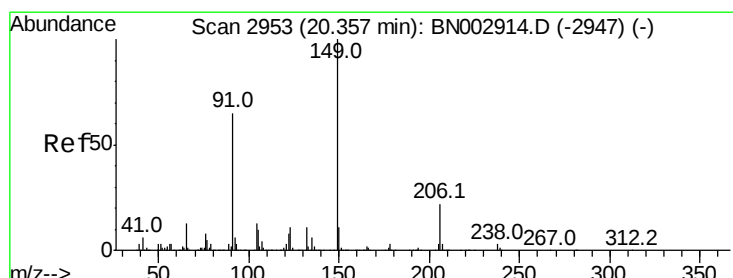
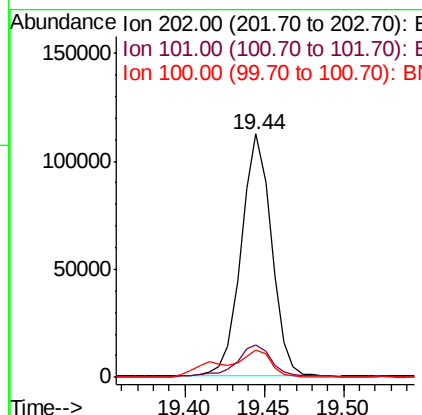
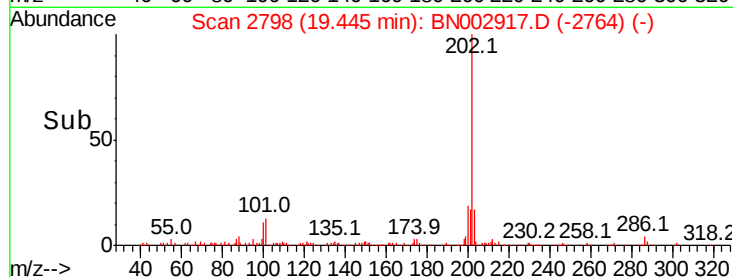
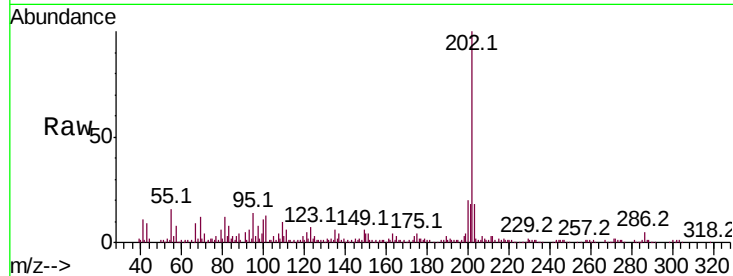
#79
Pvrene
Concen: 3.950 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Instrument :
BNA_N
ClientSampled :
JLC13

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.1	10.8	16.2
100	11.4	8.2	12.2

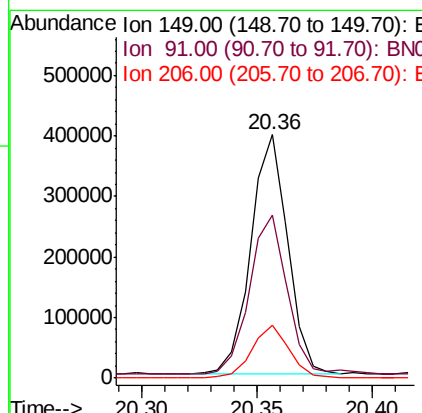
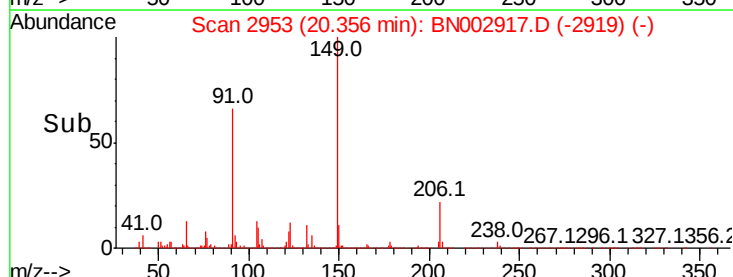
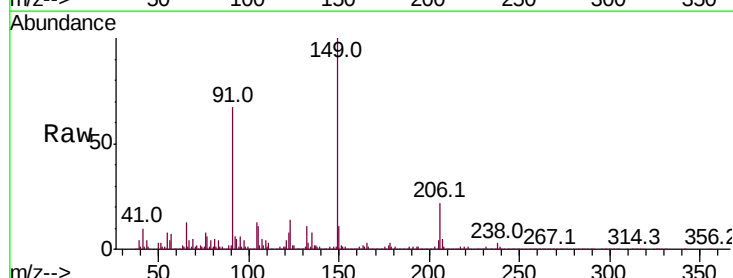
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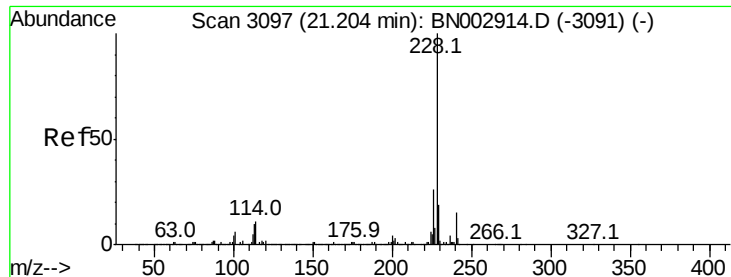
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#80
Butylbenzylphthalate
Concen: 27.985 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	66.7	56.3	84.5
206	21.8	16.8	25.2





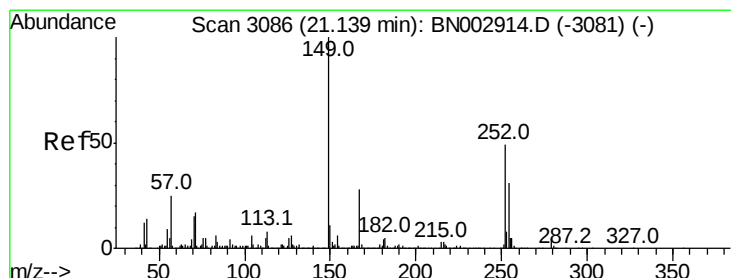
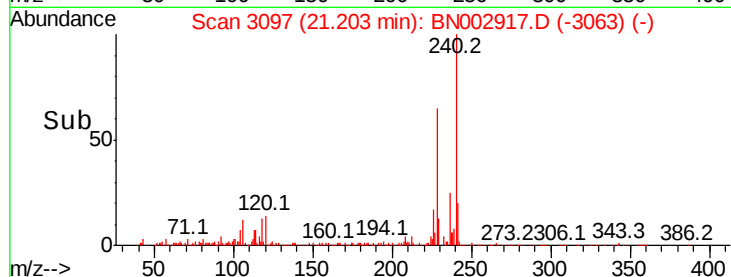
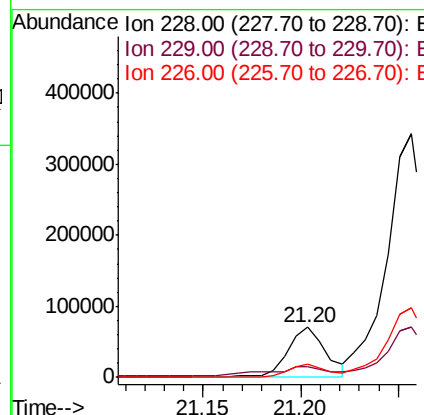
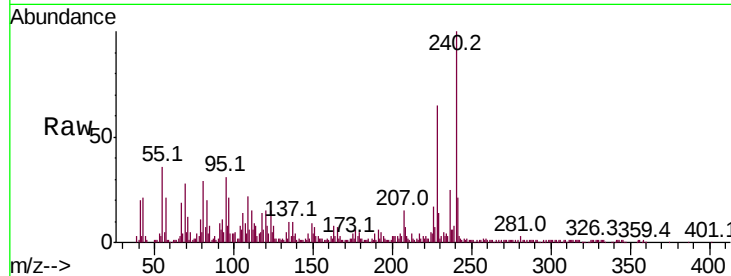
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Benzo(a)anthracene
Concen: 2.594 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Instrument :
BNA_N
ClientSampled :
JLC13

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	26.3	20.9	31.3

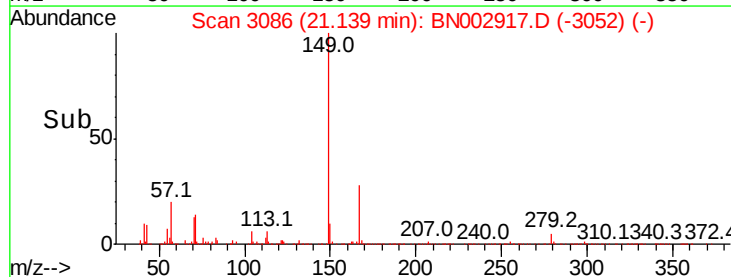
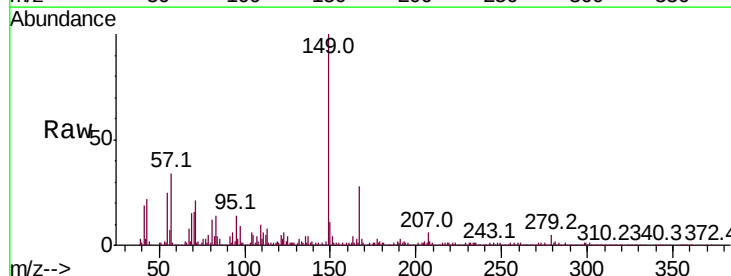
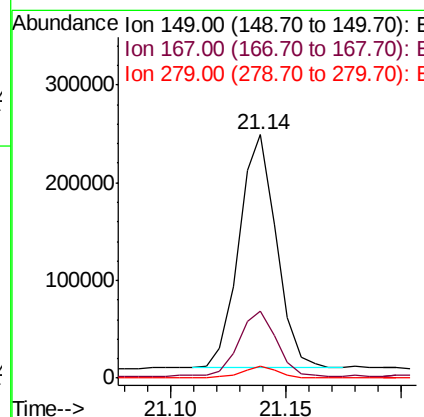
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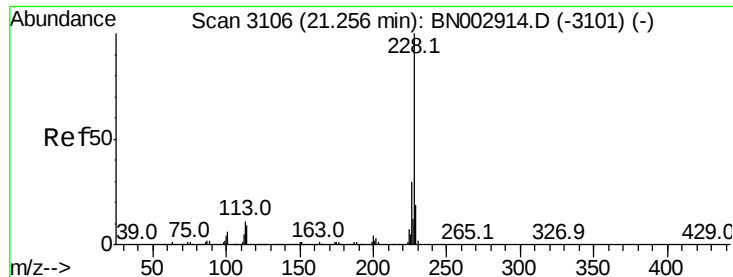
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#83
Bis(2-ethylhexyl)phthalate
Concen: 11.816 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.0	33.0
279	4.7	3.3	4.9





#84

Chrysene

Concen: 14.362 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Instrument :

BNA_N

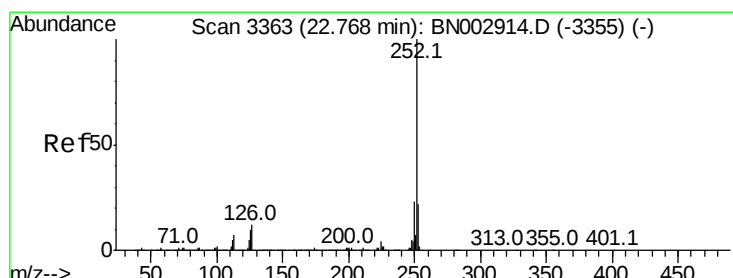
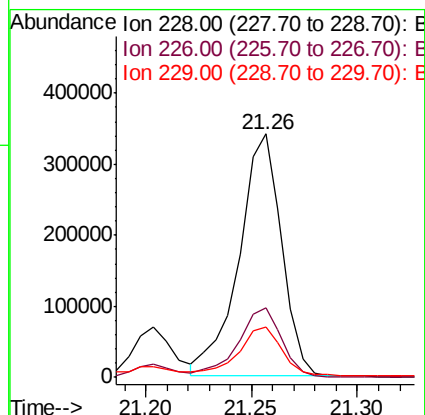
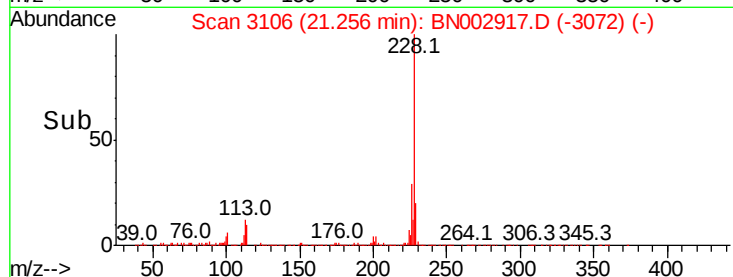
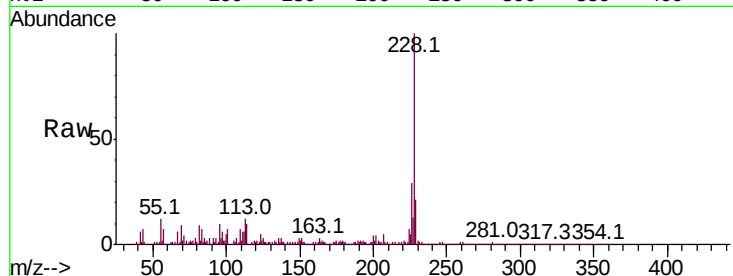
ClientSampled :

JLC13

Tot Ion:	228	Resp:	476052
Ion Ratio		Lower	Upper
228	100		
226	28.7	23.4	35.0
229	20.9	15.7	23.5

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#87

Benzo(b)fluoranthene

Concen: 10.543 ng/ul

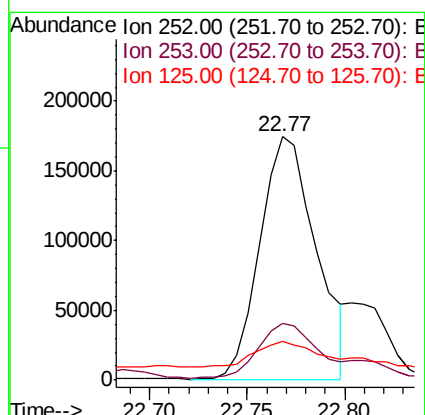
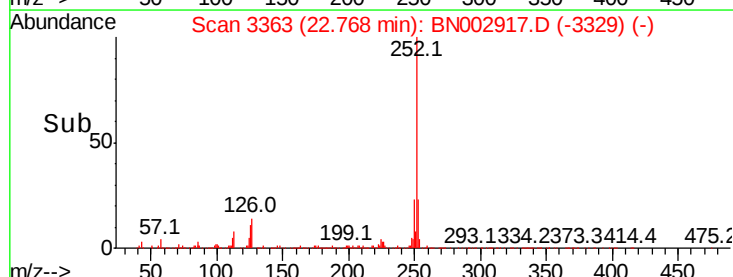
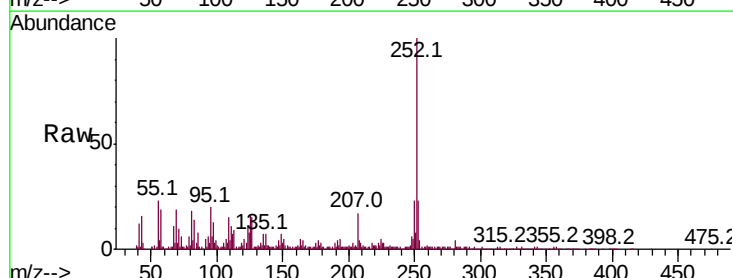
RT: 22.77 min Scan# 3363

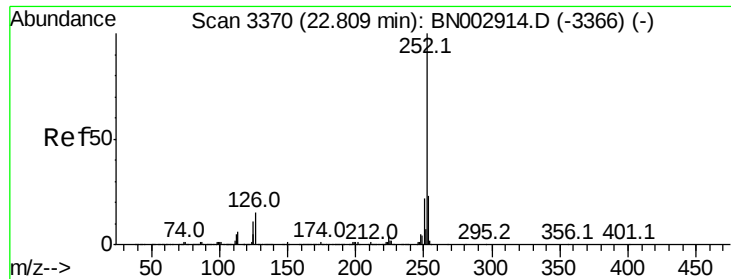
Delta R.T. -0.00 min

Lab File: BN002917.D

Acq: 04 Oct 2018 00:54

Tgt Ion:	252	Resp:	347380
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.0	25.4
125	16.1	8.0	12.0#





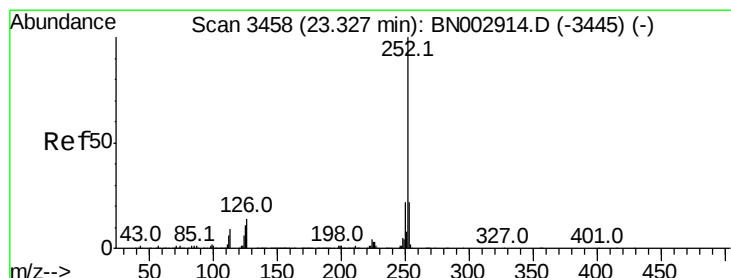
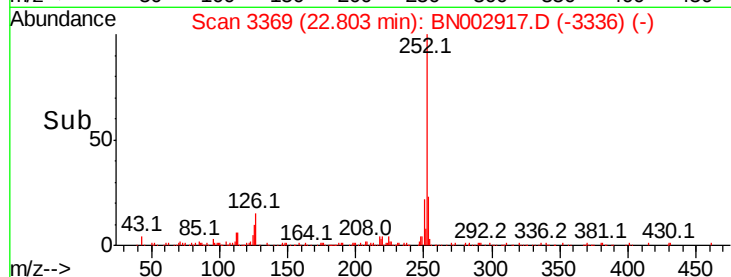
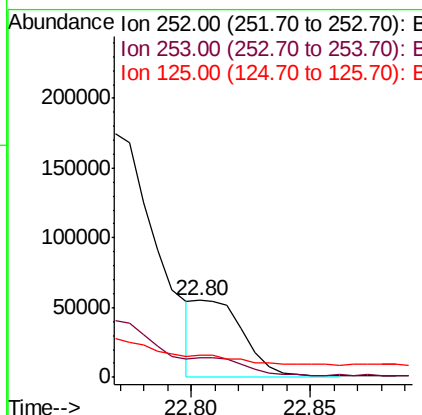
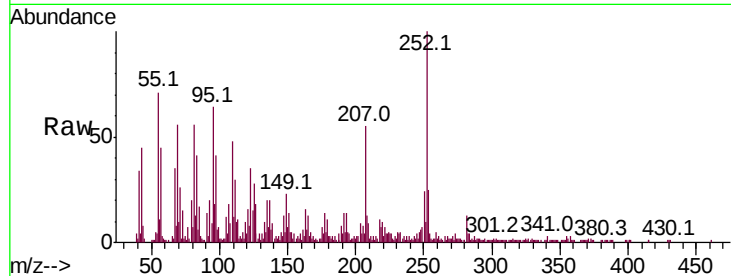
#88
Benzo(k)fluoranthene
Concen: 2.595 ng/ul m
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Instrument :
BNA_N
ClientSampleId :
JLC13

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	28.3	8.3	12.5

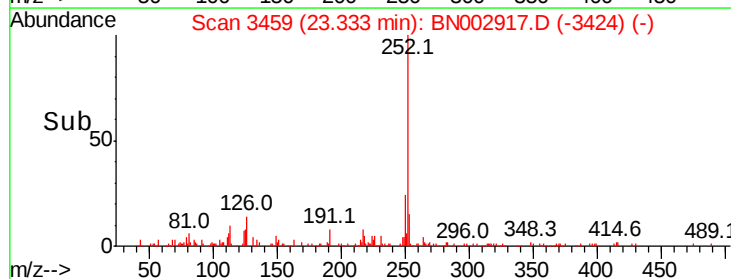
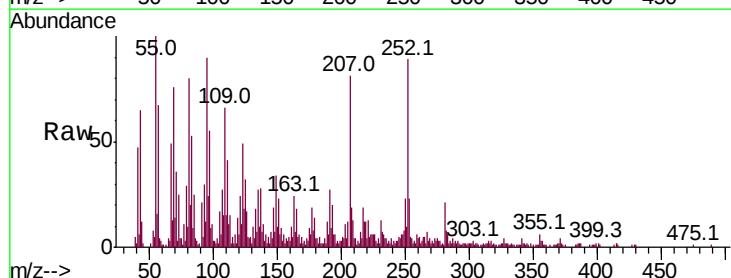
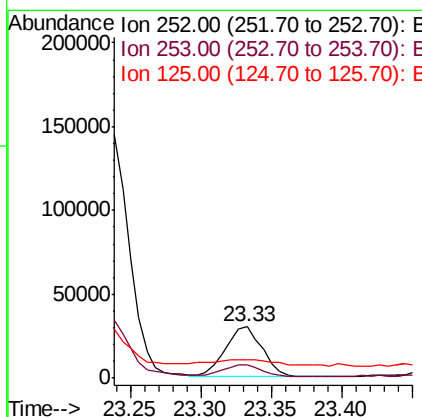
Manual Integrations
APPROVED

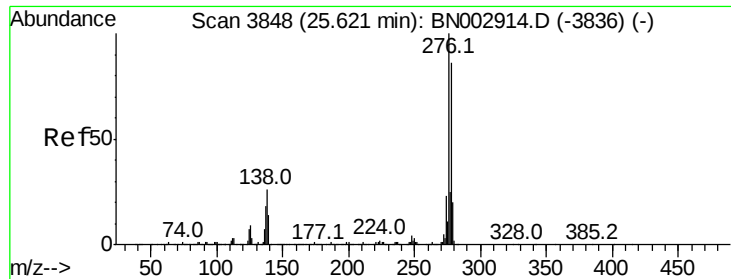
Sohil
10/4/2018 5:15:16 PM



#90
Benzo(a)pyrene
Concen: 1.772 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN002917.D
Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.6	26.4
125	36.4	8.8	13.2





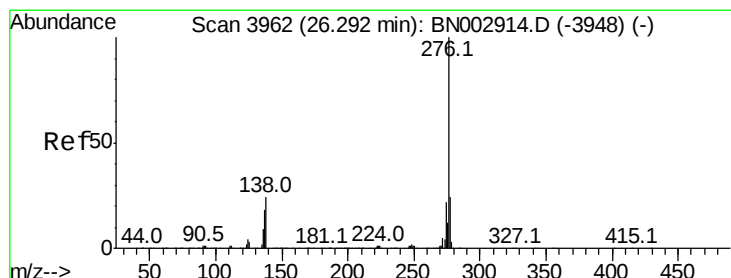
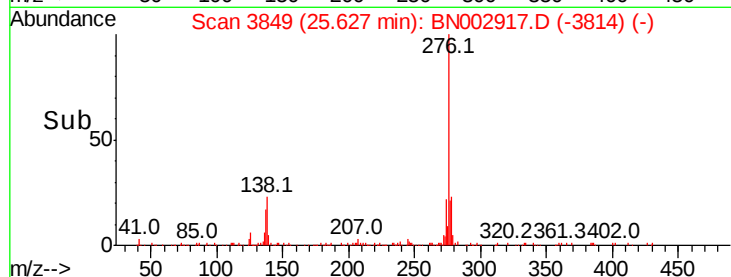
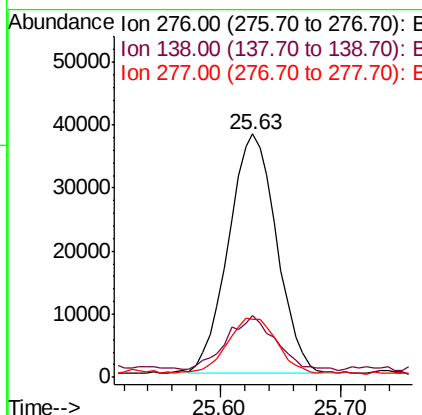
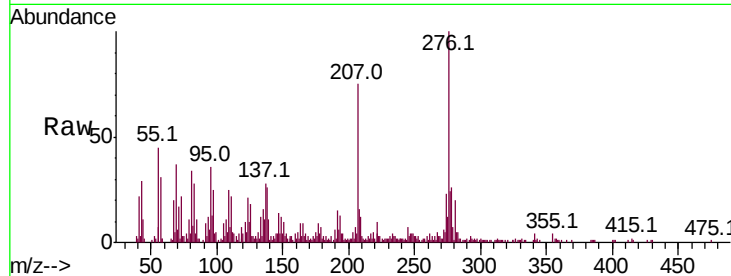
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.847 ng/ul
 RT: 25.63 min Scan# 3849
 Delta R.T. 0.01 min
 Lab File: BN002917.D
 Acq: 04 Oct 2018 00:54

Instrument :
 BNA_N
 ClientSampled :
 JLC13

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.2	30.4
277	23.6	20.0	30.0

Manual Integrations
 APPROVED

Sohil
 10/4/2018 5:15:16 PM



#93
 Benzo(g,h,i)perylene
 Concen: 4.159 ng/ul
 RT: 26.30 min Scan# 3964
 Delta R.T. 0.01 min
 Lab File: BN002917.D
 Acq: 04 Oct 2018 00:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.2	27.2
277	26.3	18.6	28.0

