

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002959.D
 Acq On : 05 Oct 2018 10:27
 Operator : MJ/SJ
 Sample : J5183-18
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC31

Manual Integrations
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Sohil
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Quant Time: Oct 06 01:29:21 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	118181	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	547357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	328901	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	707860	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	517021	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	491288	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	4936	1.93	ng/uL	0.00
5) Phenol-d5	6.82	99	85233	8.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	81291	13.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	80863	9.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	64142	8.25	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	53962	12.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	38355	7.99	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	71590	8.27	ng/ul	0.02
29) 4-Chloroaniline-d4	10.55	131	66375	6.62	ng/ul	0.01
43) Dimethylphthalate-d6	13.67	166	325636	12.65	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	470581	14.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	3389	0.80	ng/ul	0.06
57) Fluorene-d10	15.26	176	335772	14.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	2989	0.68	ng/ul	0.02
70) Anthracene-d10	17.12	188	496010	14.68	ng/ul	0.00
78) Pyrene-d10	19.42	212	467296	17.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	369490	14.29	ng/ul	0.01

Target Compounds

					Qvalue
6) Phenol	6.85	94	22822	2.255	ng/ul 98
14) Acetophenone	8.45	105	14304	1.194	ng/ul 91
44) Dimethylphthalate	13.72	163	214219	8.525	ng/ul 98
49) Acenaphthene	14.33	153	26861	1.201	ng/ul 94
58) Fluorene	15.32	166	27096	1.100	ng/ul# 95
69) Phenanthrene	17.06	178	506846	12.996	ng/ul 99
71) Anthracene	17.15	178	117890	2.981	ng/ul 98
74) Carbazole	17.43	167	64065	1.888	ng/ul 98
75) Di-n-butylphthalate	17.99	149	890288	21.866	ng/ul 99
76) Fluoranthene	19.09	202	1106760	26.602	ng/ul 100
79) Pyrene	19.45	202	1081258	31.630	ng/ul 99
80) Butylbenzylphthalate	20.36	149	113192	7.957	ng/ul 98
82) Benzo(a)anthracene	21.21	228	539239	16.766	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.14	149	1147377	55.560	ng/ul 100
84) Chrysene	21.26	228	1061089	35.197	ng/ul 98
86) Di-n-octyl phthalate	22.02	149	134323	4.136	ng/ul# 45
87) Benzo(b)fluoranthene	22.78	252	1196755	39.887	ng/ul# 95
88) Benzo(k)fluoranthene	22.82	252	273133m	9.758	ng/ul
90) Benzo(a)pyrene	23.34	252	491159	17.316	ng/ul# 95
91) Indeno(1,2,3-cd)pyrene	25.64	276	496572	14.787	ng/ul 95
92) Dibenzo(a,h)anthracene	25.64	278	135483	4.788	ng/ul# 81
93) Benzo(g,h,i)perylene	26.32	276	580075	20.664	ng/ul 100

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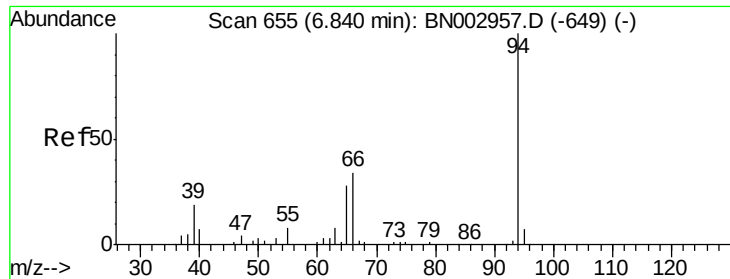
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6

Phenol

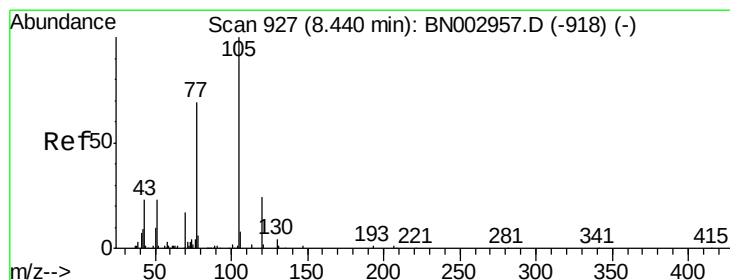
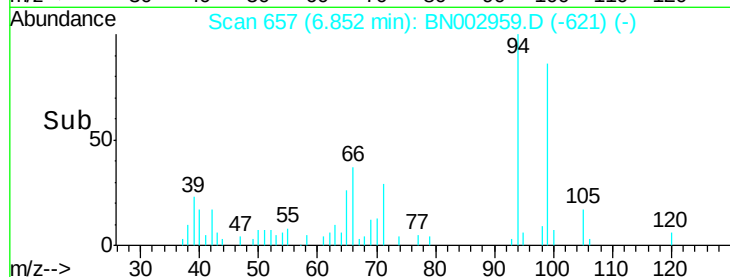
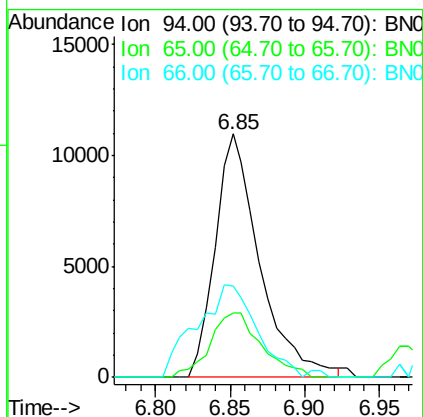
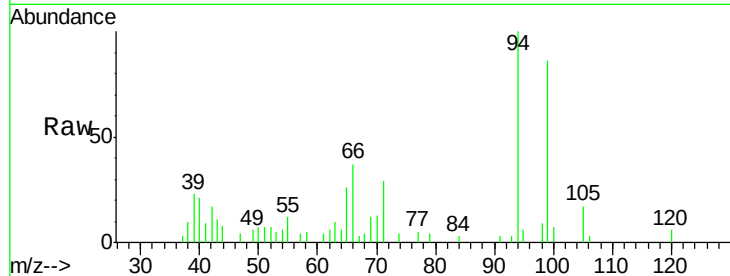
Concen: 2.255 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Instrument :
 BNA_N
 ClientSampled :
 JLC31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.4	23.1	34.7
66	37.4	29.8	44.6

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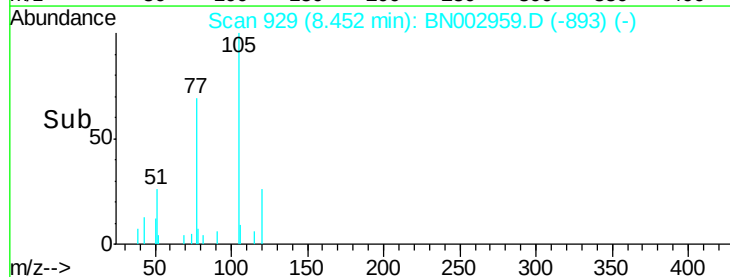
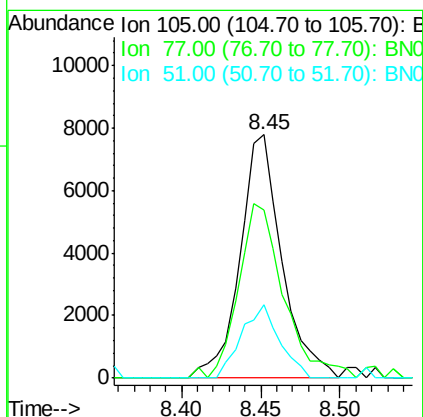
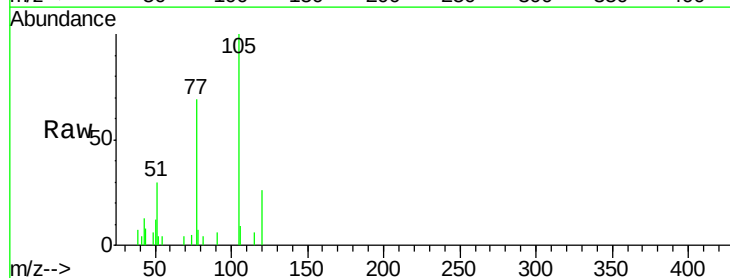


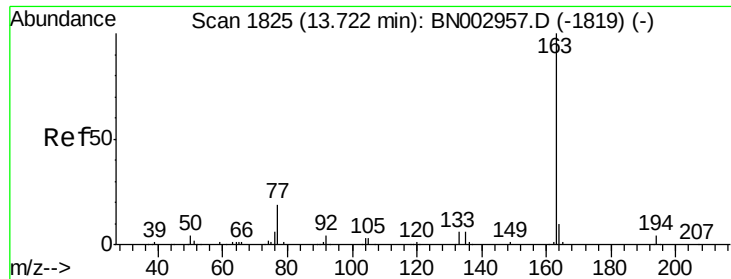
#14

Acetophenone

Concen: 1.194 ng/ul
 RT: 8.45 min Scan# 929
 Delta R.T. 0.01 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
77	69.0	62.9	94.3
51	30.0	21.9	32.9





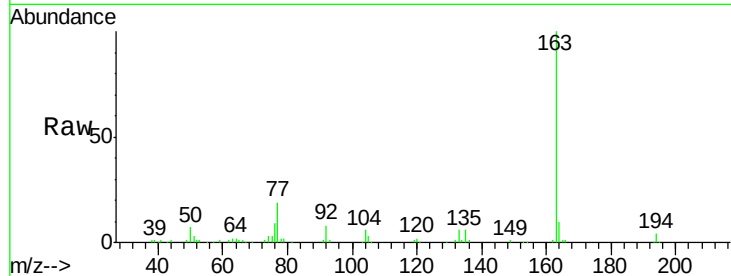
#44
Dimethylphthalate
Concen: 8.525 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BN002959.D
Acq: 05 Oct 2018 10:27

Instrument :
BNA_N
ClientSampled :
JLC31

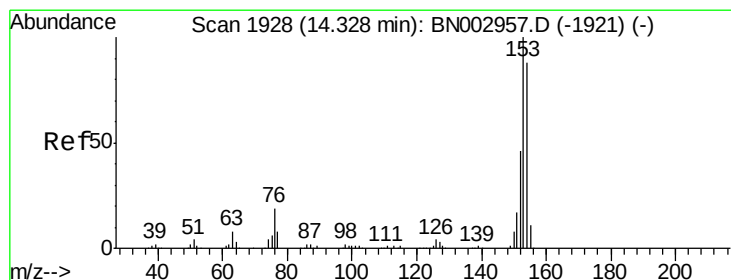
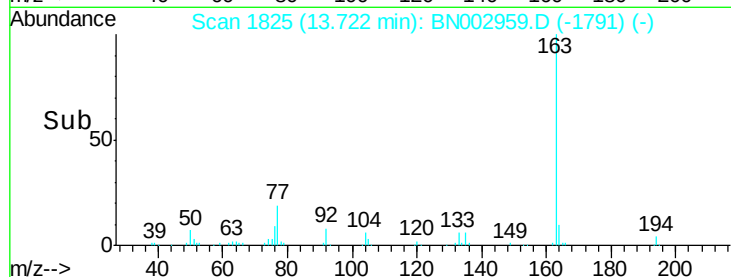
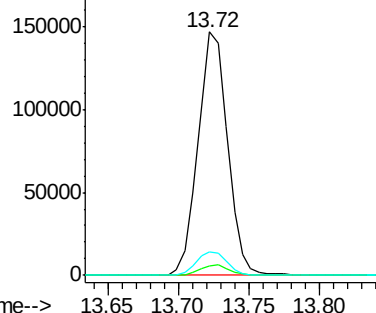
Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.5	5.3
164	9.6	8.1	12.1

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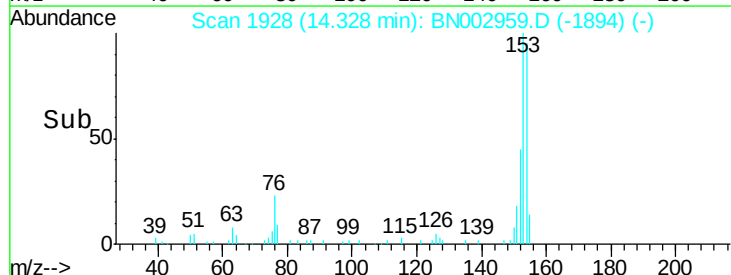
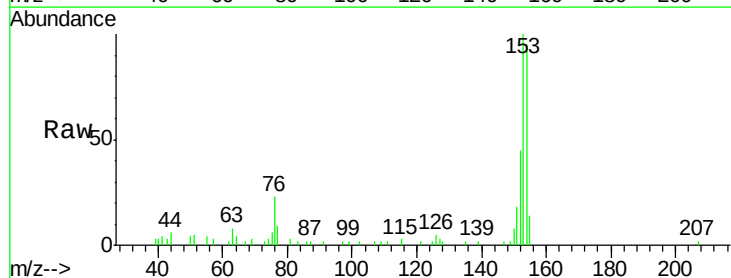
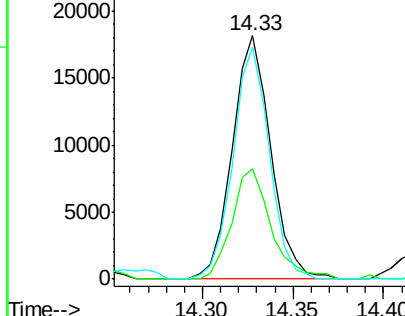
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

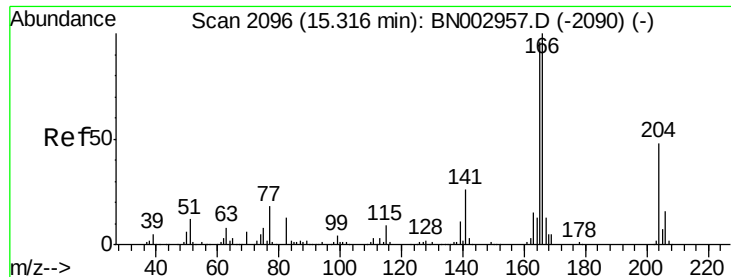


#49
Acenaphthene
Concen: 1.201 ng/ul
RT: 14.33 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BN002959.D
Acq: 05 Oct 2018 10:27

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	45.4	37.8	56.6
154	95.2	70.9	106.3

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





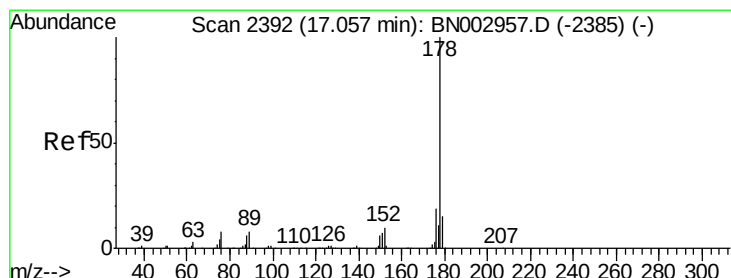
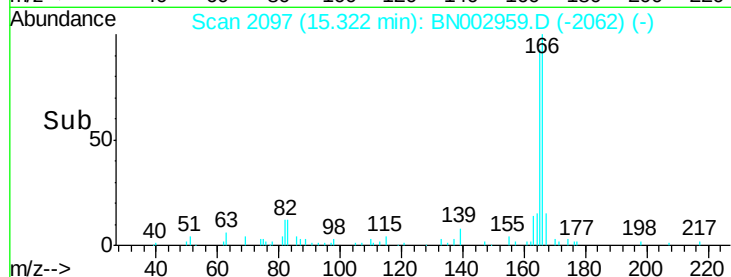
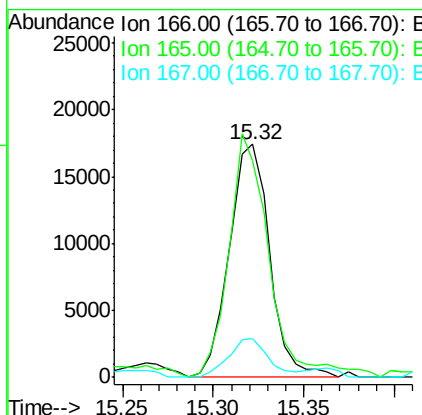
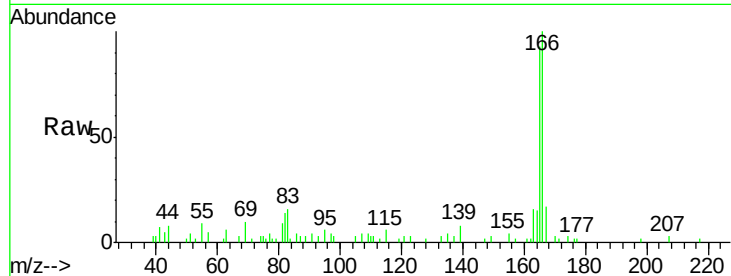
#58
 Fluorene
 Concen: 1.100 ng/ul
 RT: 15.32 min Scan# 2097
 Delta R.T. 0.01 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Instrument :
 BNA_N
 ClientSampled :
 JLC31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	27096		
165	92.9	78.3	117.5	
167	16.8	11.0	16.6#	

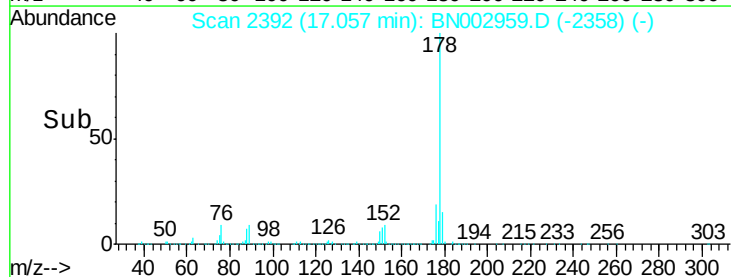
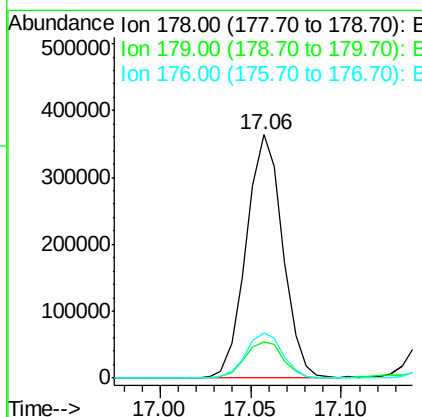
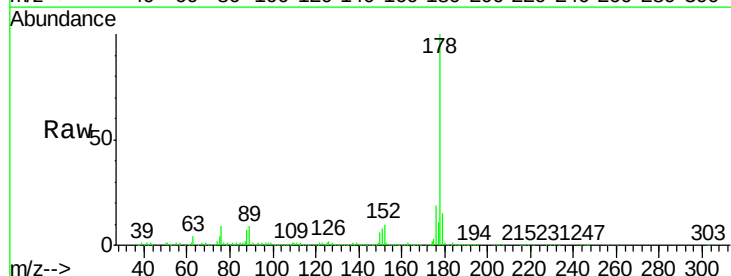
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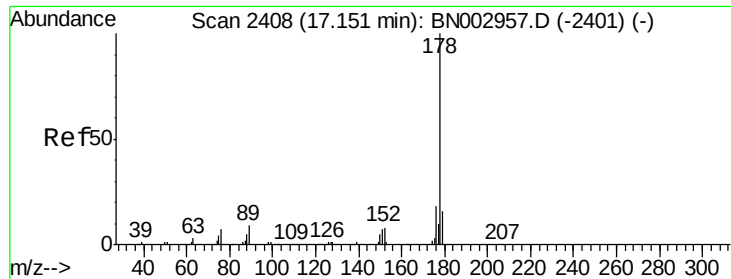
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#69
 Phenanthrene
 Concen: 12.996 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. 0.00 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	506846		
179	15.0	12.2	18.4	
176	18.6	15.0	22.6	





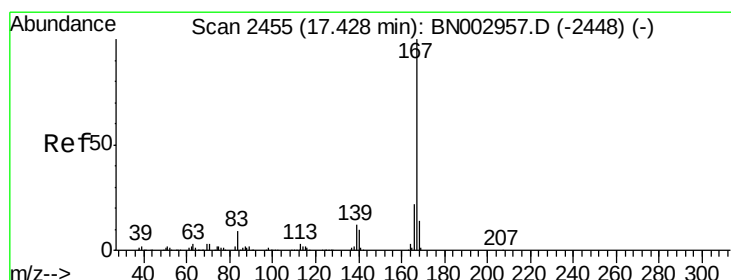
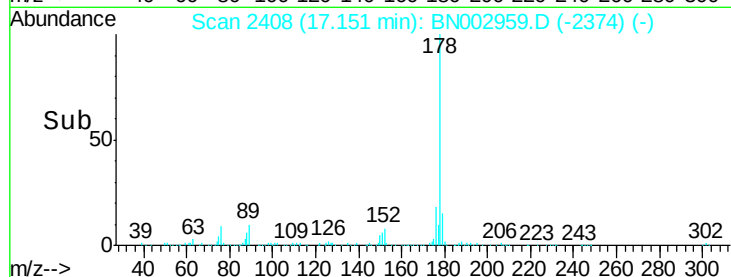
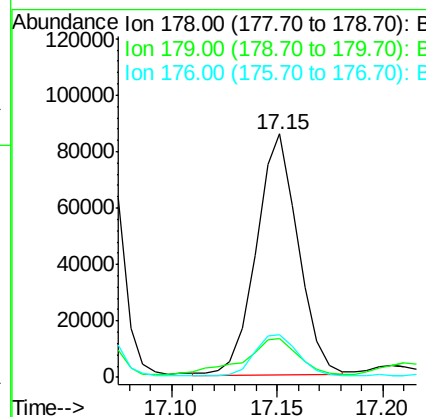
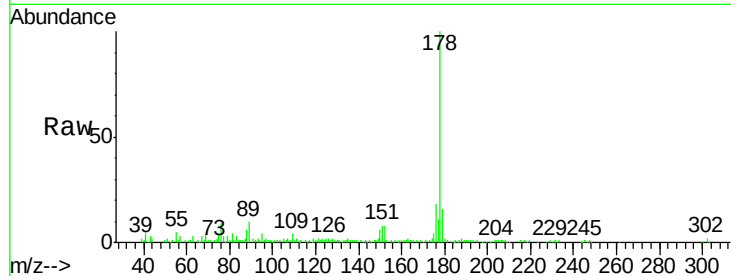
#71
 Anthracene
 Concen: 2.981 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Instrument :
 BNA_N
 ClientSampled :
 JLC31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	117890		
179	15.9	12.0	18.0	
176	17.5	15.0	22.4	

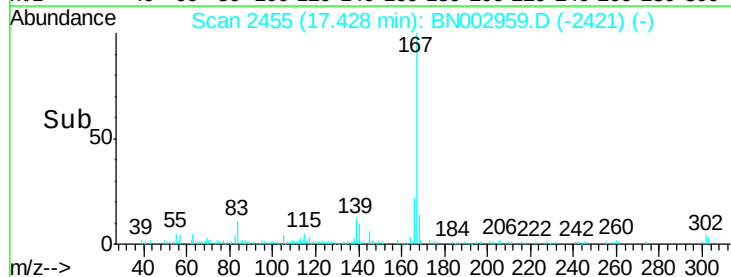
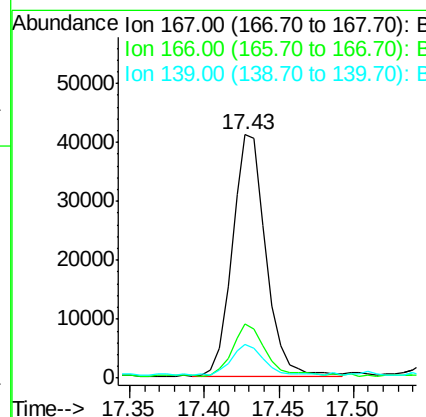
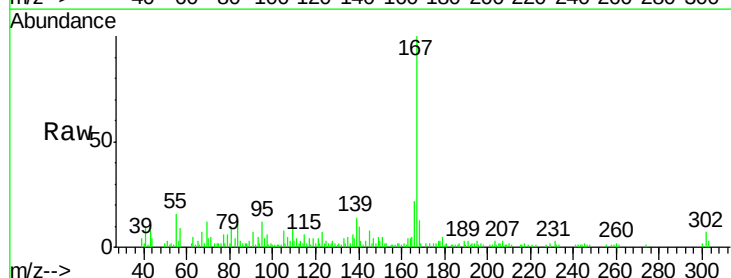
Manual Integrations
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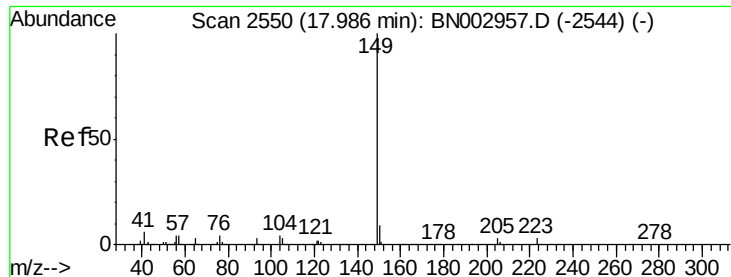
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#74
 Carbazole
 Concen: 1.888 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	64065		
166	22.5	17.0	25.6	
139	13.6	10.7	16.1	





#75

Di-n-butylphthalate

Concen: 21.866 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

Instrument :

BNA_N

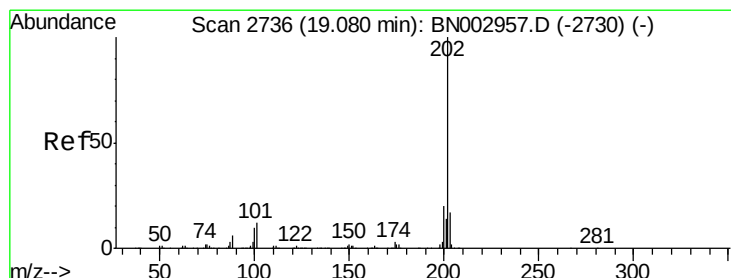
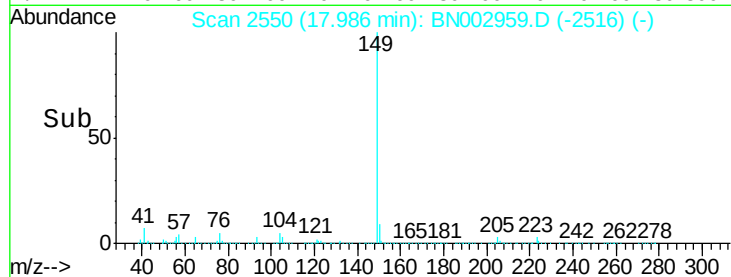
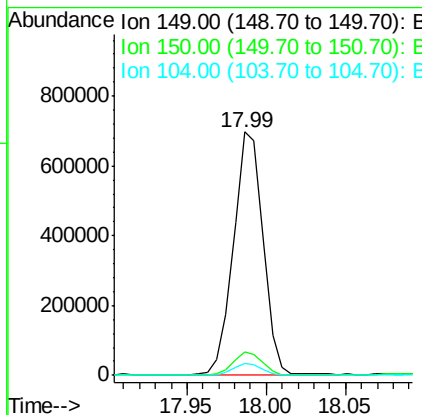
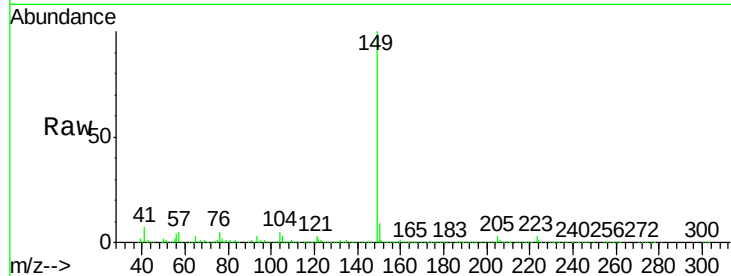
ClientSampleId :

JLC31

Tgt Ion:	149	Resp:	890288
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.3	10.9
104	4.7	3.7	5.5

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#76

Fluoranthene

Concen: 26.602 ng/ul

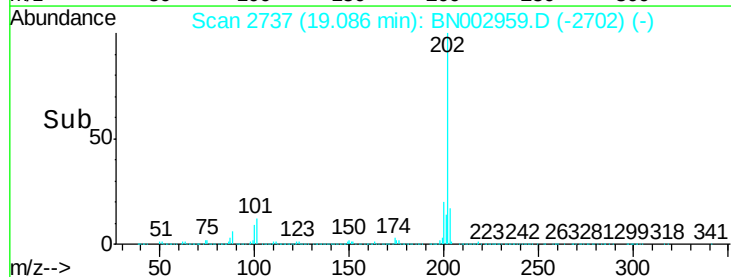
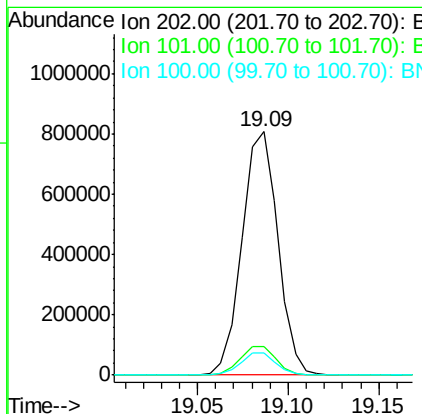
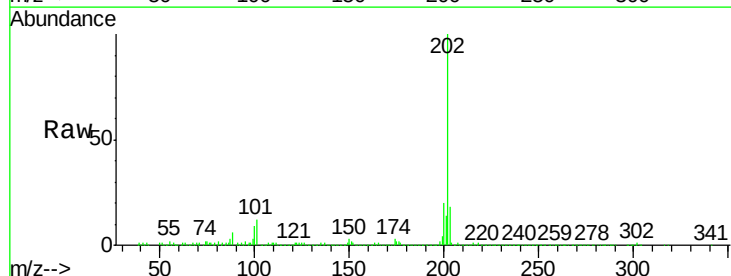
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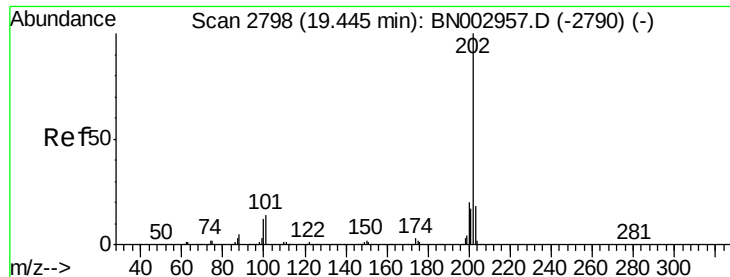
Delta R.T. 0.01 min

Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

Tgt Ion:	202	Resp:	1106760
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.4	14.2
100	9.0	7.0	10.6





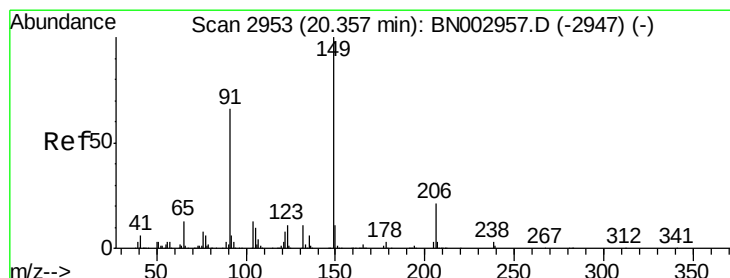
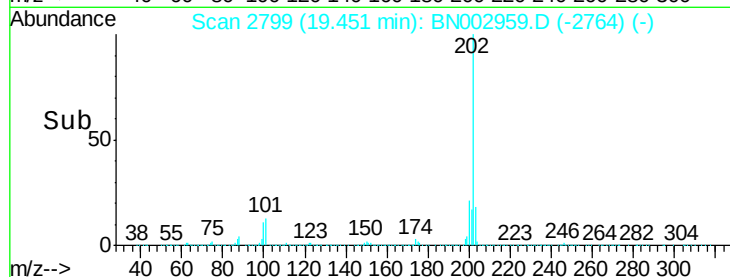
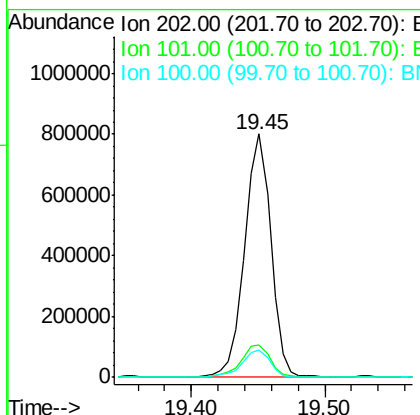
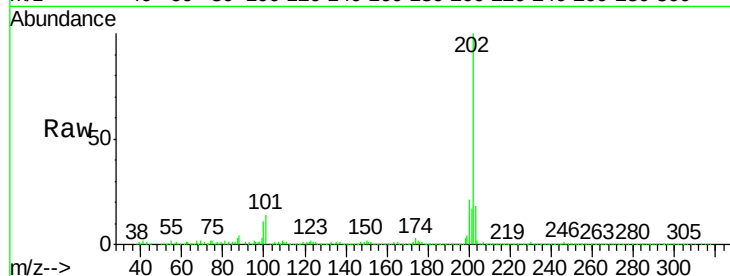
#79
 Pyrene
 Concen: 31.630 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.01 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Instrument :
 BNA_N
 ClientSampled :
 JLC31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.8	16.2
100	11.2	8.2	12.2

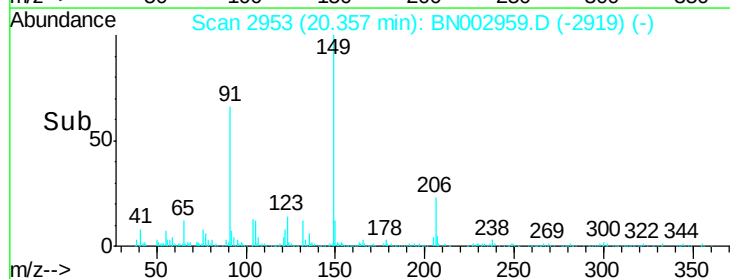
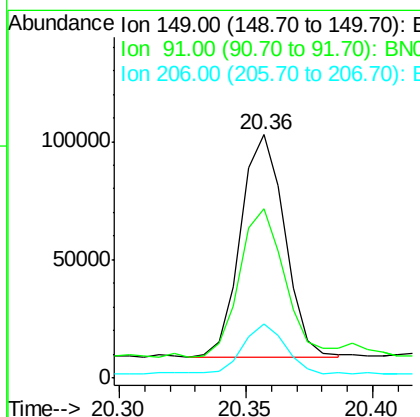
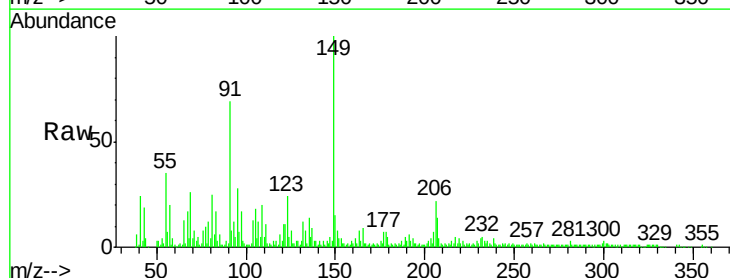
Manual Integrations
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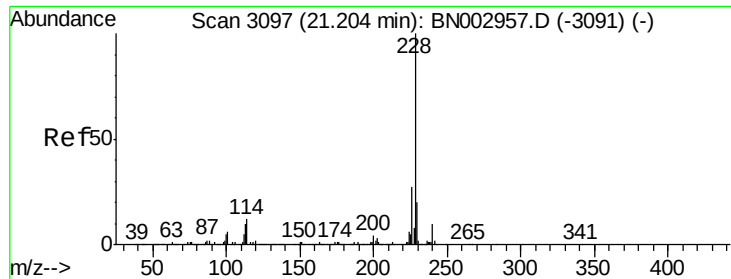
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#80
 Butylbenzylphthalate
 Concen: 7.957 ng/ul
 RT: 20.36 min Scan# 2953
 Delta R.T. 0.00 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.4	56.3	84.5
206	22.4	16.8	25.2





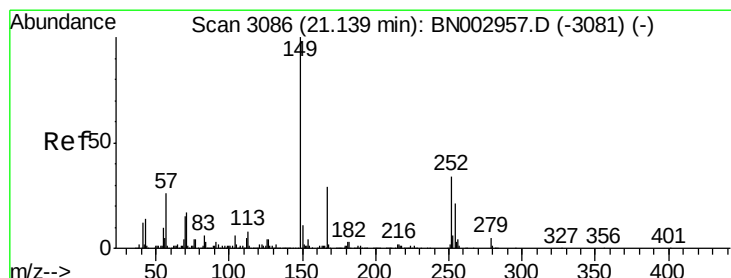
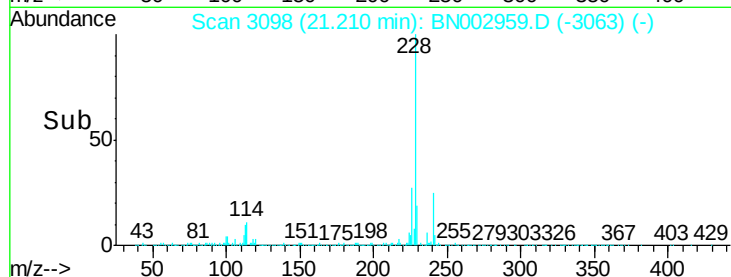
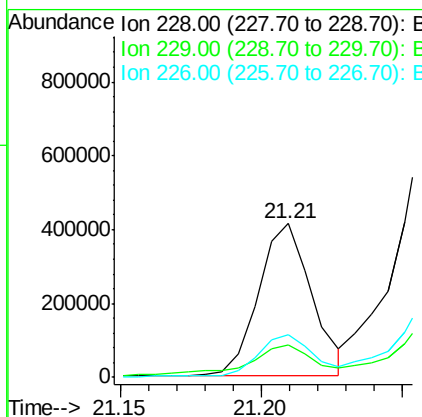
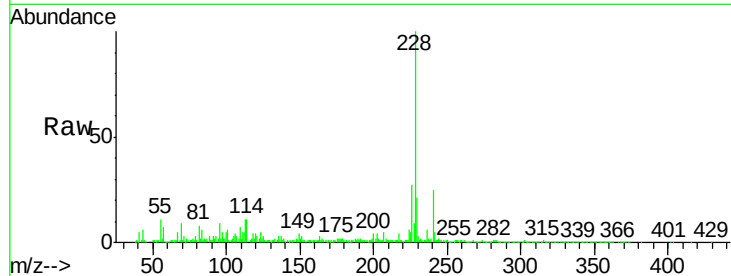
#82
Benzo(a)anthracene
Concen: 16.766 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.01 min
Lab File: BN002959.D
Acq: 05 Oct 2018 10:27

Instrument :
BNA_N
ClientSampled :
JLC31

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	27.4	20.9	31.3

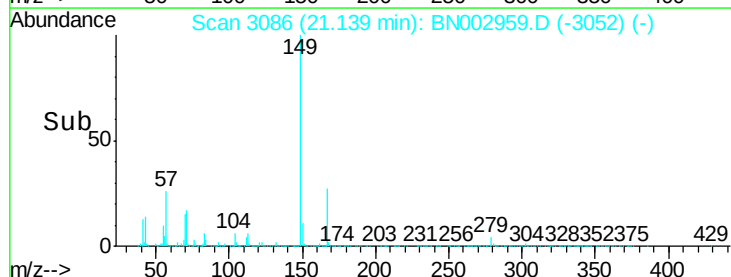
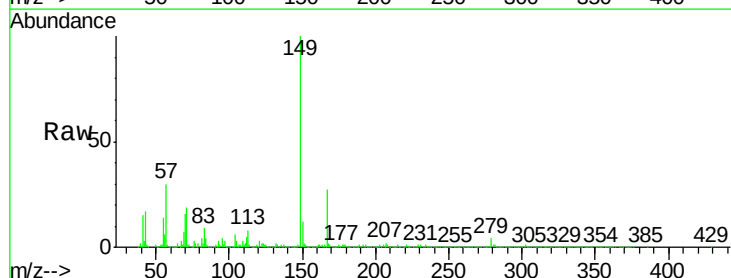
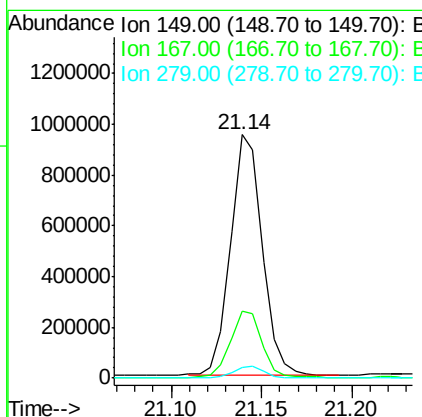
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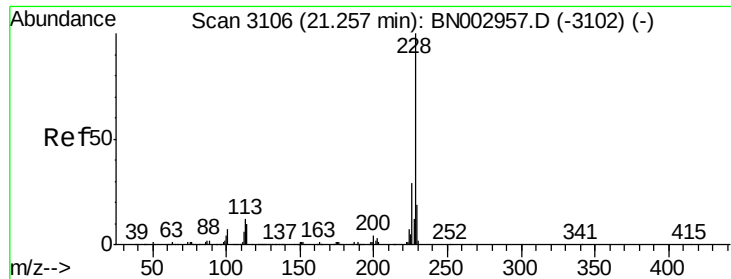
Sohil
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#83
Bis(2-ethylhexyl)phthalate
Concen: 55.560 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BN002959.D
Acq: 05 Oct 2018 10:27

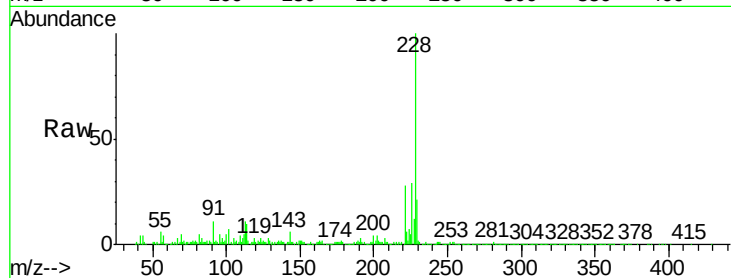
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	4.3	3.3	4.9





#84
Chrysene
 Concen: 35.197 ng/ul
 RT: 21.26 min Scan# 3107
 Delta R.T. 0.01 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Instrument :
 BNA_N
 ClientSampled :
 JLC31

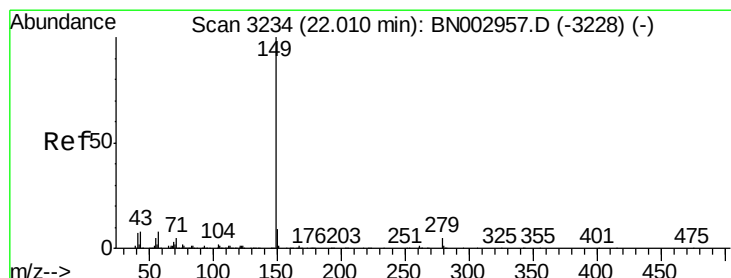
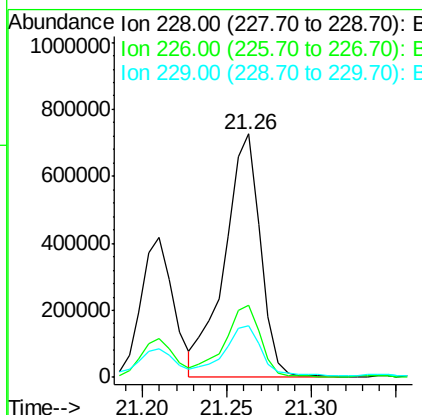
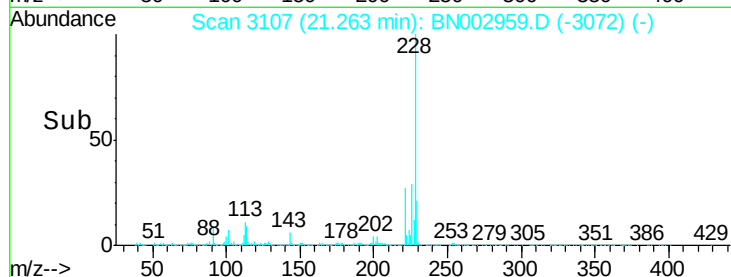


Tgt Ion: 228 Resp: 1061089

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	21.2	15.7	23.5

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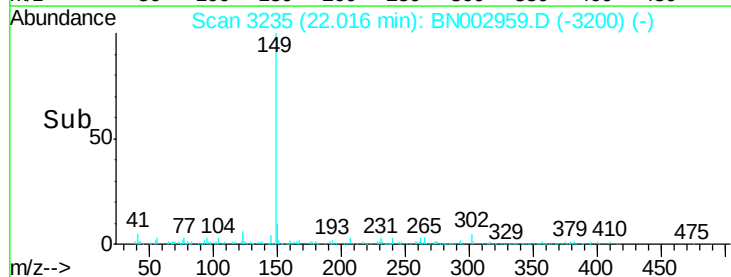
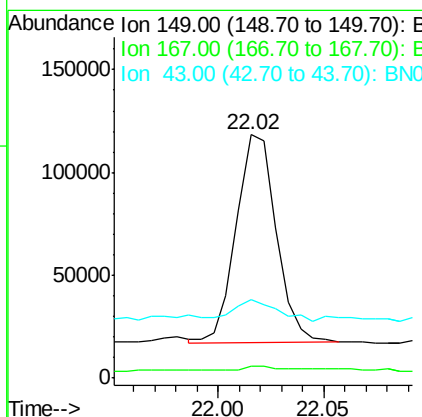
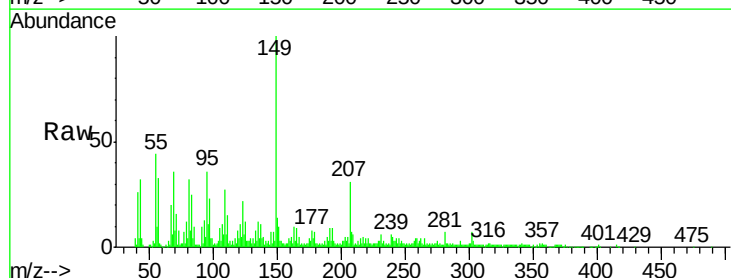
Sohil
 10/8/2018 5:53:12 PM

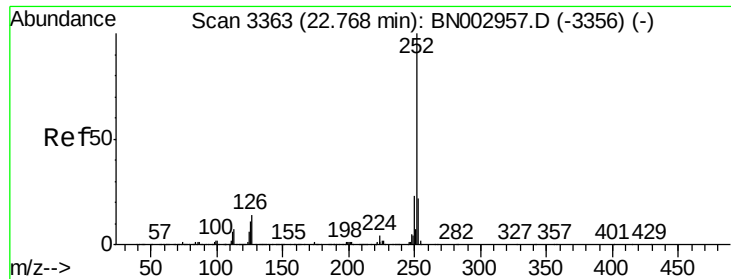


#86
Di-n-octyl phthalate
 Concen: 4.136 ng/ul
 RT: 22.02 min Scan# 3235
 Delta R.T. 0.01 min
 Lab File: BN002959.D
 Acq: 05 Oct 2018 10:27

Tgt Ion: 149 Resp: 134323

Ion	Ratio	Lower	Upper
149	100		
167	4.9	1.4	2.0#
43	32.1	7.4	11.0#





#87

Benzo(b)fluoranthene

Concen: 39.887 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

Instrument :

BNA_N

ClientSampled :

JLC31

Tgt Ion:252 Resp: 1196755
Ion Ratio Lower Upper

252 100

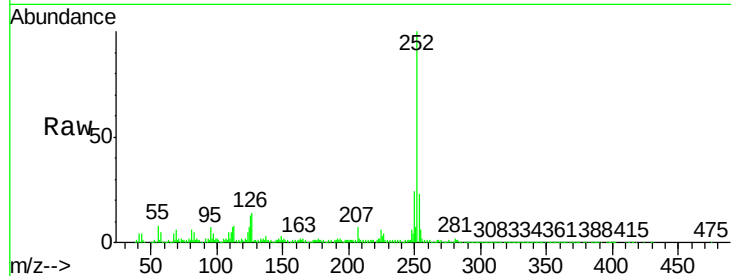
253 22.6 17.0 25.4

125 13.0 8.0 12.0#

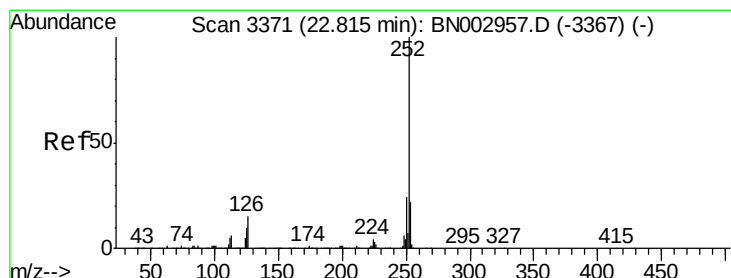
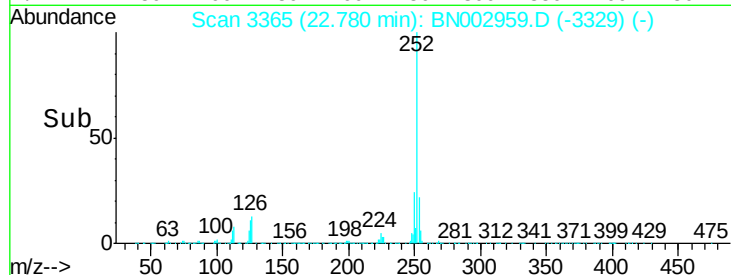
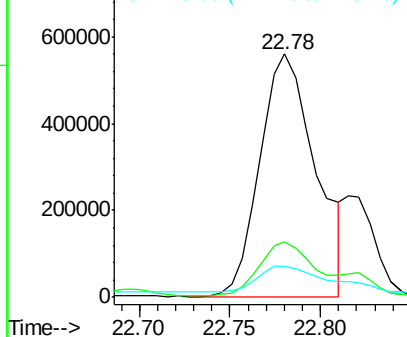
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 9.758 ng/ul m

RT: 22.82 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

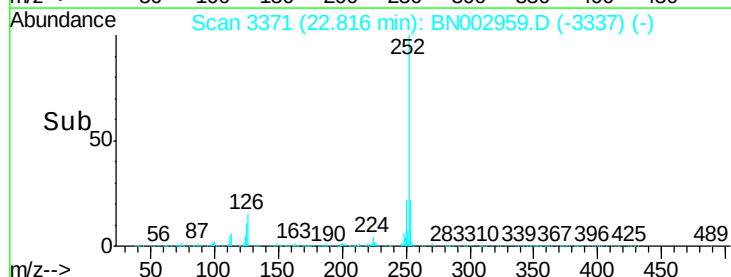
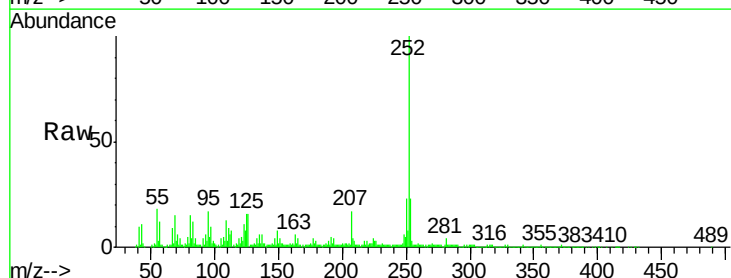
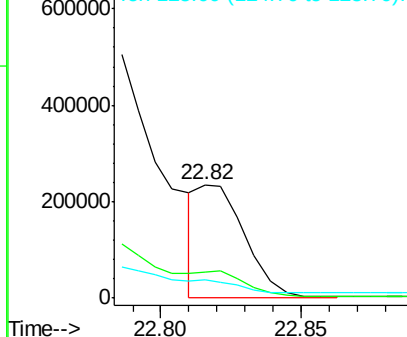
Tgt Ion:252 Resp: 273133
Ion Ratio Lower Upper

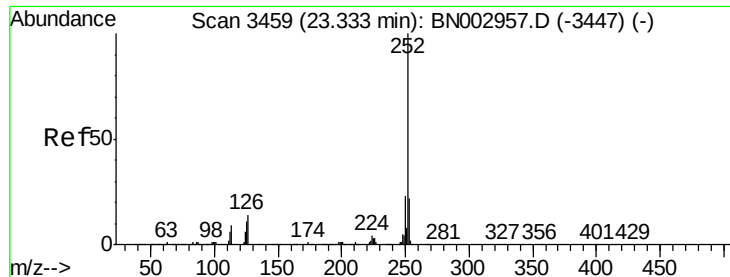
252 100

253 23.2 17.8 26.8

125 15.7 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: 17.316 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

Instrument :

BNA_N

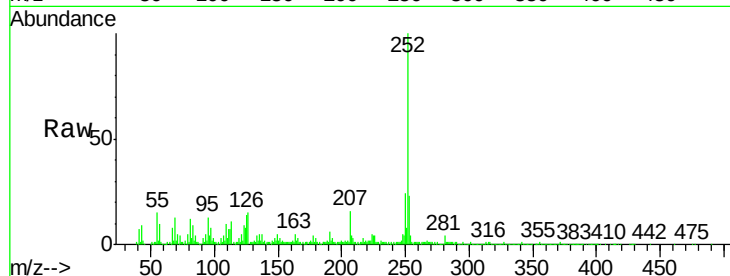
ClientSampled :

JLC31

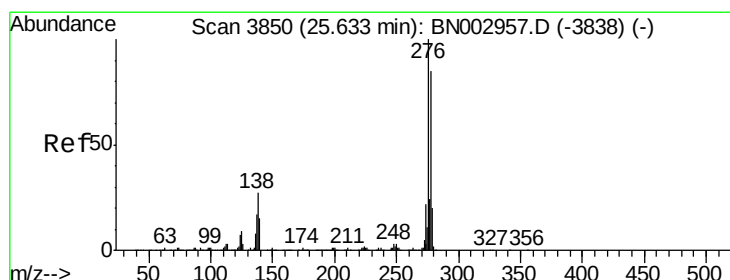
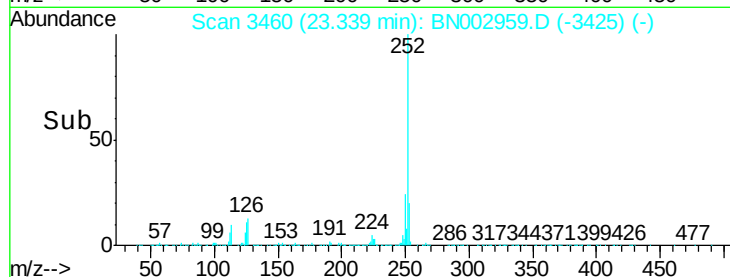
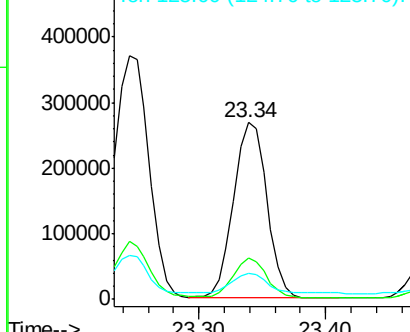
Tgt Ion:	252	Resp:	491159
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.6	26.4
125	14.5	8.8	13.2#

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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: 14.787 ng/ul

RT: 25.64 min Scan# 3852

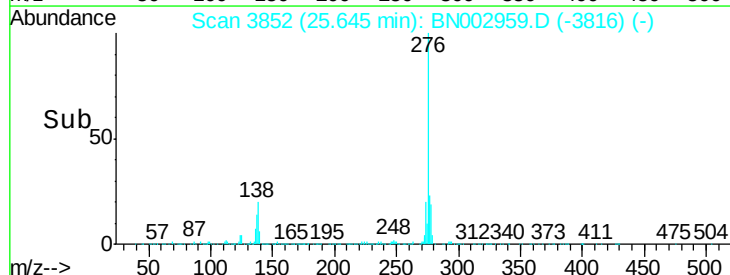
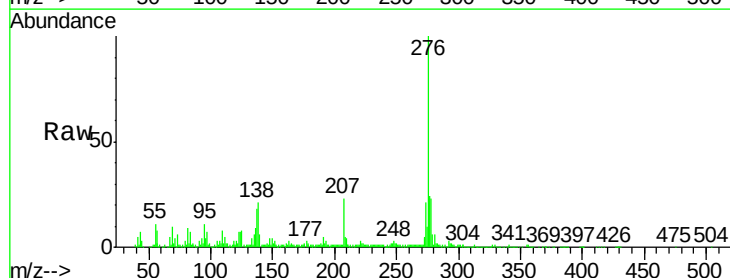
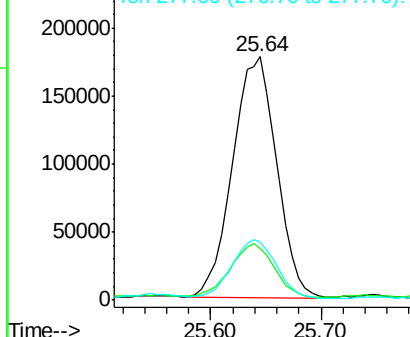
Delta R.T. 0.01 min

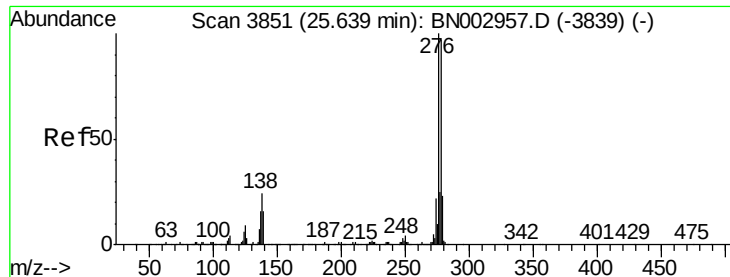
Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

Tgt Ion:	276	Resp:	496572
Ion Ratio	Lower	Upper	
276	100		
138	21.3	20.2	30.4
277	23.9	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: 4.788 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. 0.00 min

Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

Instrument :

BNA_N

ClientSampled :

JLC31

Tgt Ion: 278 Resp: 135483
Ion Ratio Lower Upper

278 100

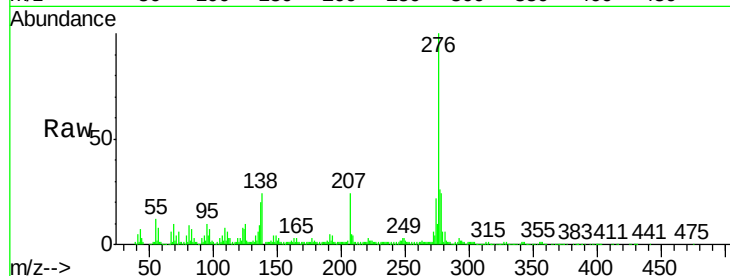
139 0.0 12.7 19.1#

279 26.5 18.7 28.1

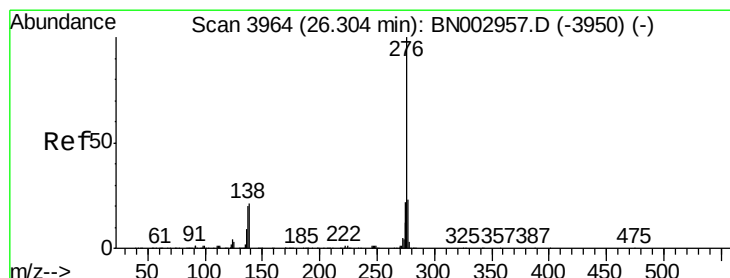
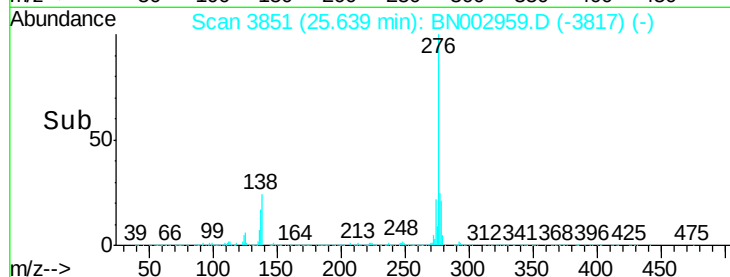
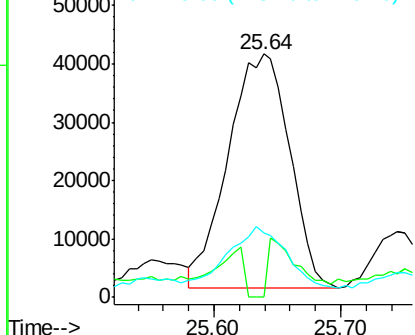
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 20.664 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. 0.02 min

Lab File: BN002959.D

Acq: 05 Oct 2018 10:27

Tgt Ion: 276 Resp: 580075
Ion Ratio Lower Upper

276 100

138 22.5 18.2 27.2

277 23.4 18.6 28.0

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

