

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
 Data File : BN002672.D
 Acq On : 13 Sep 2018 13:11
 Operator : JU/SJ
 Sample : J4792-16DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY5DL

Manual Integrations
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Sohil
 9/14/2018 5:15:44 PM

Quant Time: Sep 13 16:29:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	154744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	708404	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	405143	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	818821	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	575394	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	567467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4553	1.39	ng/uL	0.00
5) Phenol-d5	6.85	99	112216	7.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	73451	8.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	85905	7.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	92512	8.16	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	47168	8.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	44319	7.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	80779	7.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	80030	6.79	ng/ul	0.01
43) Dimethylphthalate-d6	13.70	166	311352	9.27	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	385084	9.35	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.29	176	269016	9.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.14	188	384412	9.83	ng/ul	0.00
78) Pyrene-d10	19.45	212	346615	12.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	288783	9.73	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.75	163	162713	4.940	ng/ul	97
49) Acenaphthene	14.36	153	62140	2.246	ng/ul	96
58) Fluorene	15.35	166	59600	1.866	ng/ul#	95
69) Phenanthrene	17.09	178	1106774	24.519	ng/ul	98
71) Anthracene	17.17	178	234777	5.128	ng/ul	98
74) Carbazole	17.45	167	68693	1.692	ng/ul#	96
76) Fluoranthene	19.11	202	1235625	24.051	ng/ul	98
79) Pyrene	19.47	202	1437954	41.446	ng/ul	100
82) Benzo(a)anthracene	21.23	228	521663	14.799	ng/ul	99
84) Chrysene	21.28	228	536443	16.079	ng/ul	99
87) Benzo(b)fluoranthene	22.80	252	543575	15.980	ng/ul#	94
88) Benzo(k)fluoranthene	22.84	252	179690m	5.607	ng/ul	
90) Benzo(a)pyrene	23.37	252	444831	13.728	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.69	276	294949	7.651	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.69	278	80876	2.510	ng/ul#	88
93) Benzo(g,h,i)perylene	26.36	276	279263	8.682	ng/ul	97

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

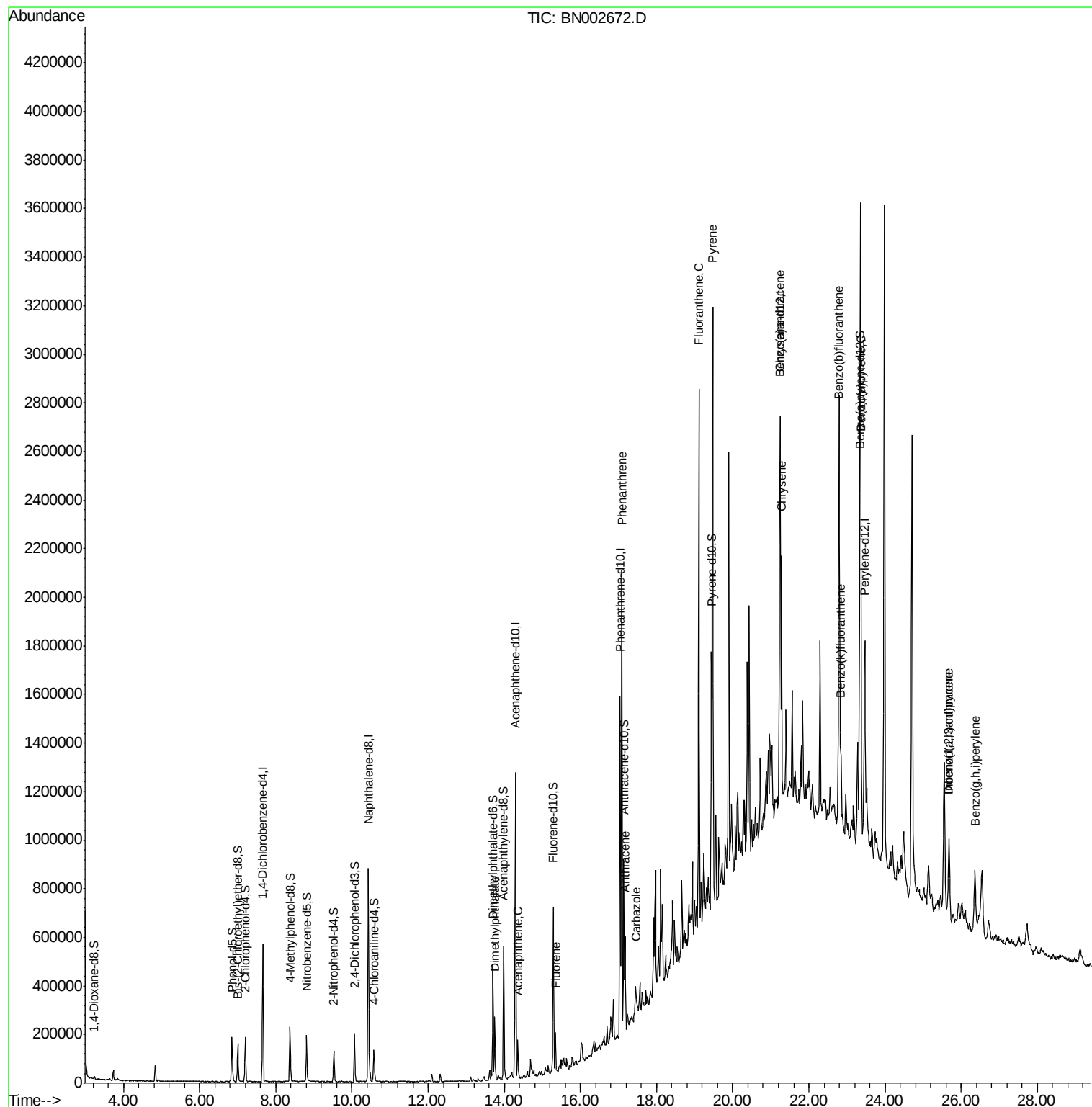
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
Data File : BN002672.D
Acq On : 13 Sep 2018 13:11
Operator : JU/SJ
Sample : J4792-16DL 2X
Misc :
ALS Vial : 3 Sample Multiplier: 1

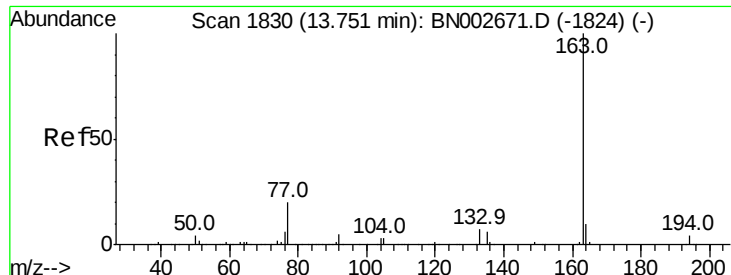
Instrument :
BNA_N
ClientSampleId :
A3YY5DL

Quant Time: Sep 13 16:29:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration

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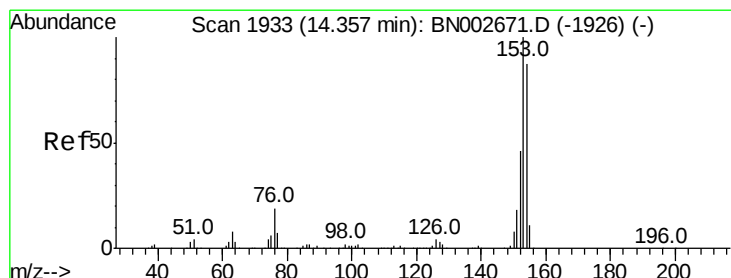
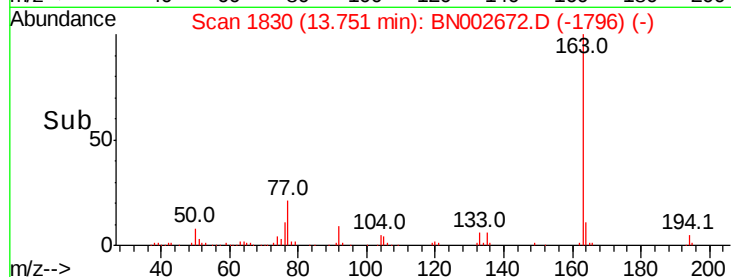
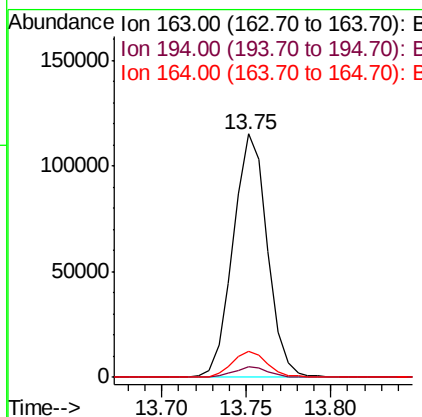
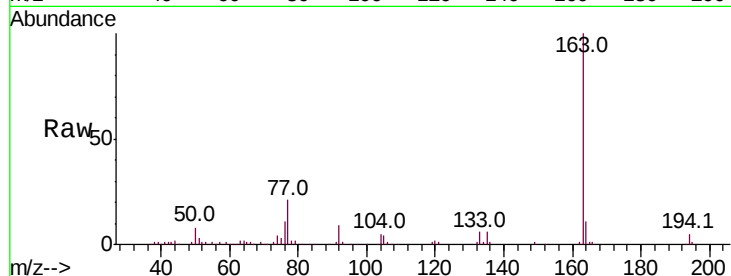
#44
Dimethylphthalate
Concen: 4.940 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN002672.D
Acq: 13 Sep 2018 13:11

Instrument :
BNA_N
ClientSampleId :
A3YY5DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	162713		
194	4.5	3.2	4.8	
164	10.9	7.8	11.8	

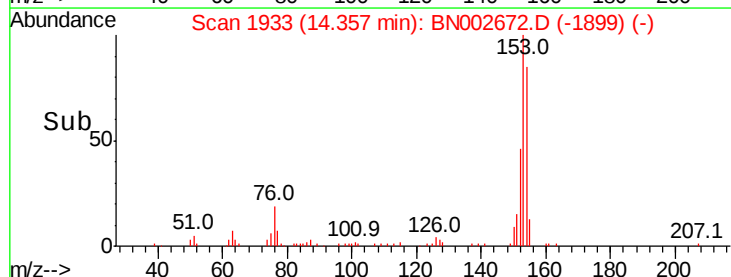
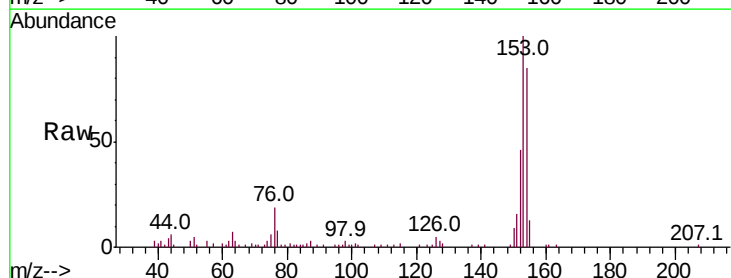
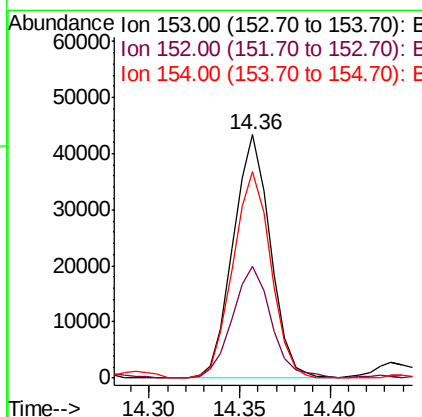
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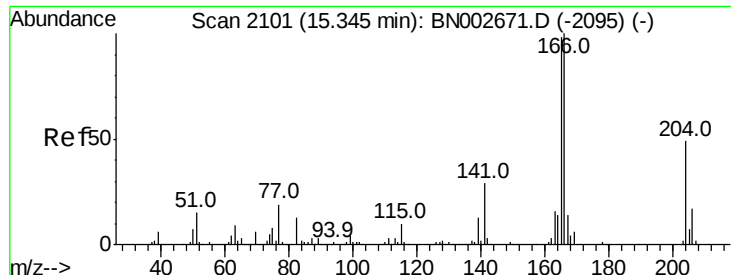
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#49
Acenaphthene
Concen: 2.246 ng/ul
RT: 14.36 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BN002672.D
Acq: 13 Sep 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	62140		
152	46.0	38.3	57.5	
154	85.0	71.8	107.8	





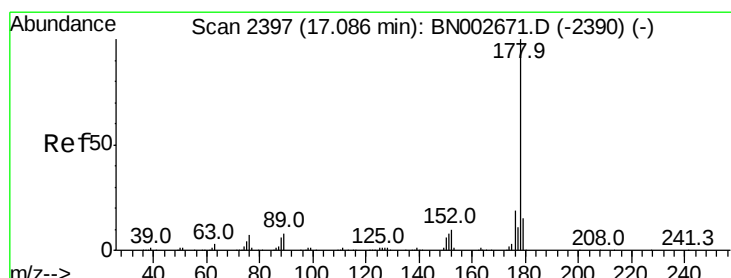
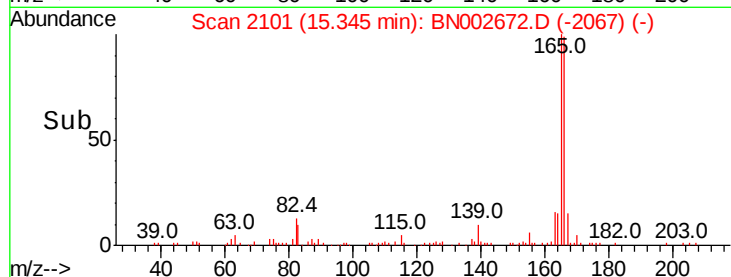
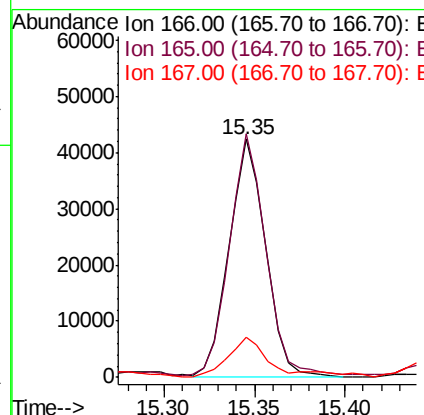
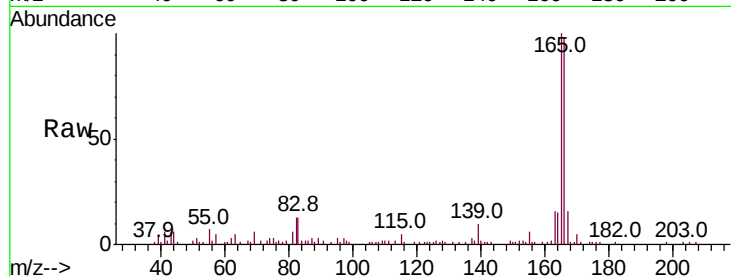
#58
 Fluorene
 Concen: 1.866 ng/ul
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BN002672.D
 Acq: 13 Sep 2018 13:11

Instrument :
 BNA_N
 ClientSampleId :
 A3YY5DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.5	117.7
167	16.6	10.7	16.1

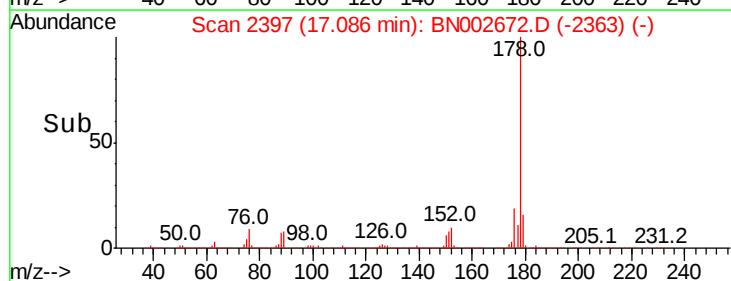
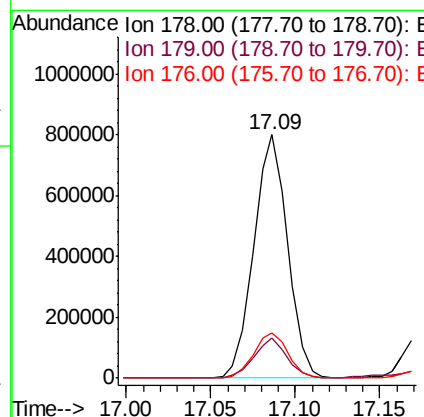
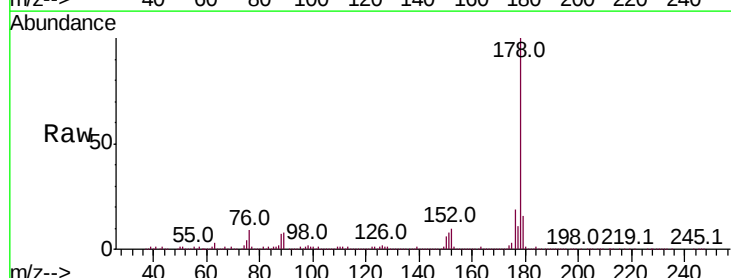
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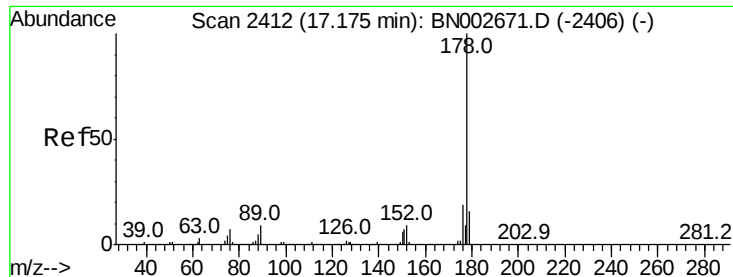
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#69
 Phenanthrene
 Concen: 24.519 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BN002672.D
 Acq: 13 Sep 2018 13:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	18.7	15.6	23.4





#71

Anthracene

Concen: 5.128 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Instrument :

BNA_N

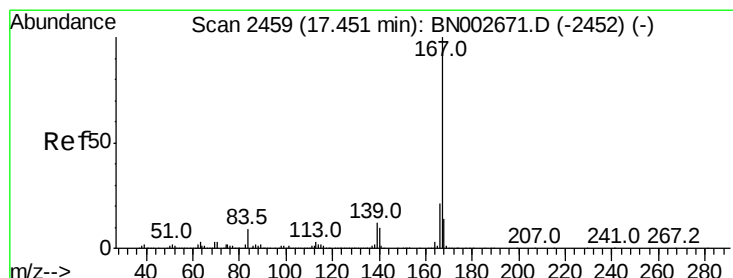
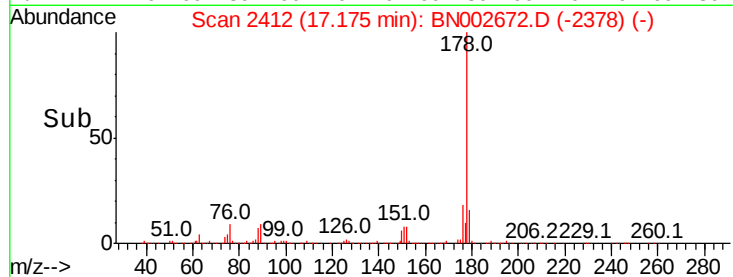
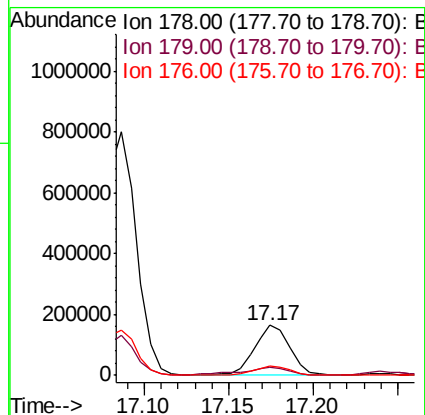
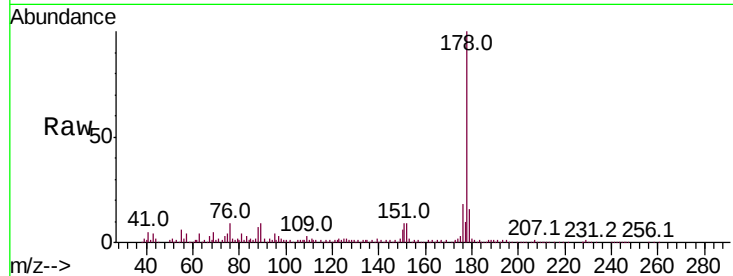
ClientSampleId :

A3YY5DL

Tot Ion:	178	Resp:	234777
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.1	18.1
176	18.1	14.8	22.2

Manual Integrations
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#74

Carbazole

Concen: 1.692 ng/ul

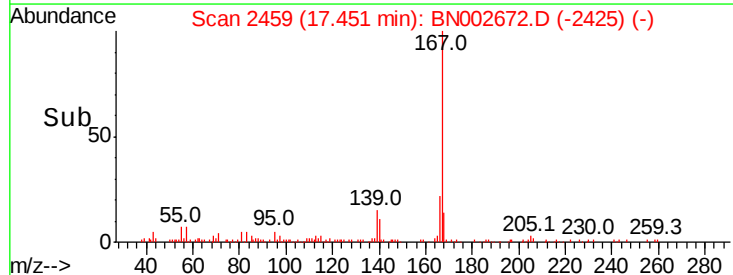
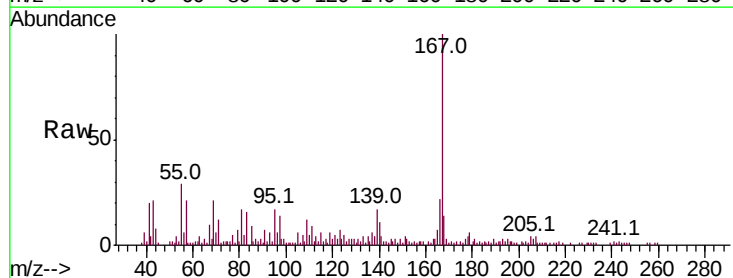
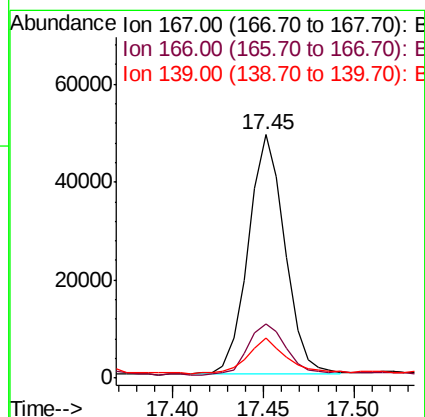
RT: 17.45 min Scan# 2459

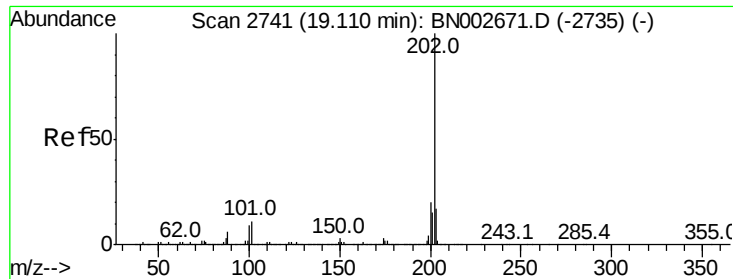
Delta R.T. -0.00 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Tgt Ion:	167	Resp:	68693
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.0	25.6
139	16.5	11.0	16.4#





#76

Fluoranthene

Concen: 24.051 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.01 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Instrument :

BNA_N

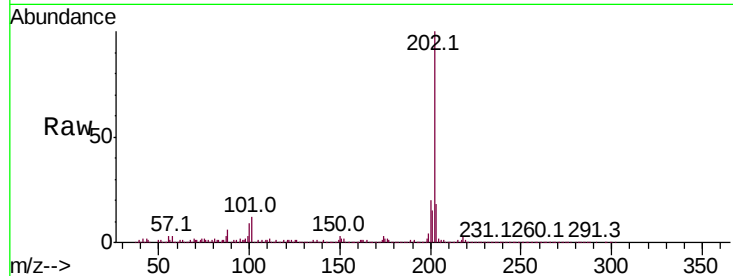
ClientSampleId :

A3YY5DL

Tot Ion:	202	Resp:	1235625
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.8	13.2
100	9.0	6.6	9.8

Manual Integrations
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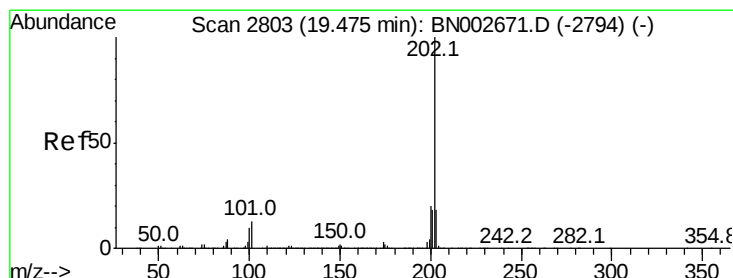
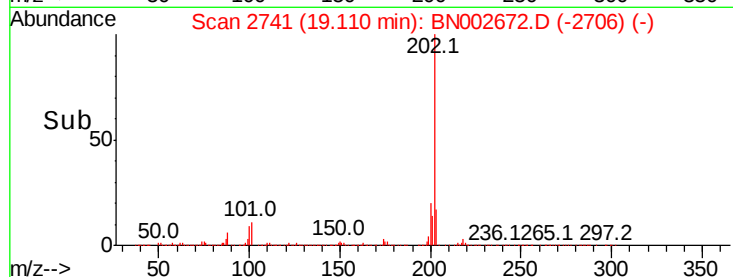
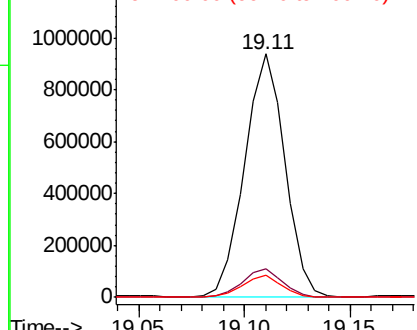


Abundance

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: 41.446 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

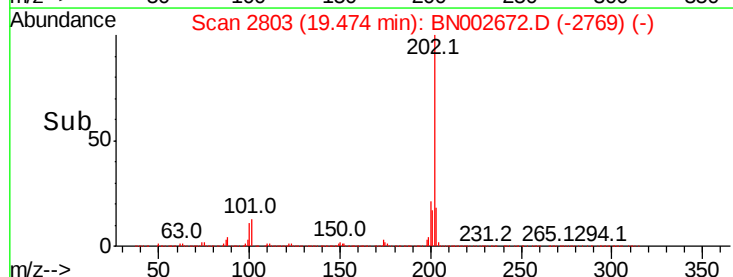
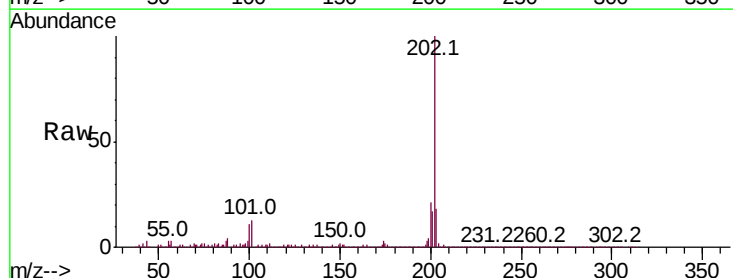
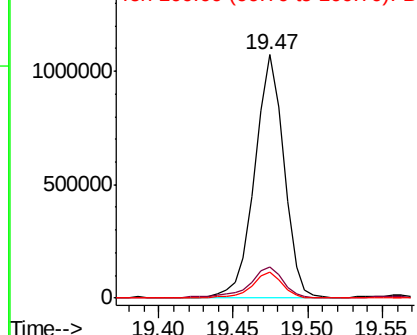
Tgt Ion:	202	Resp:	1437954
Ion Ratio	Lower	Upper	
202	100		
101	13.0	10.2	15.2
100	10.6	8.5	12.7

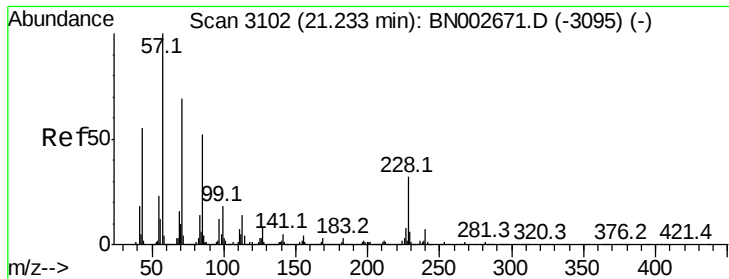
Abundance

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





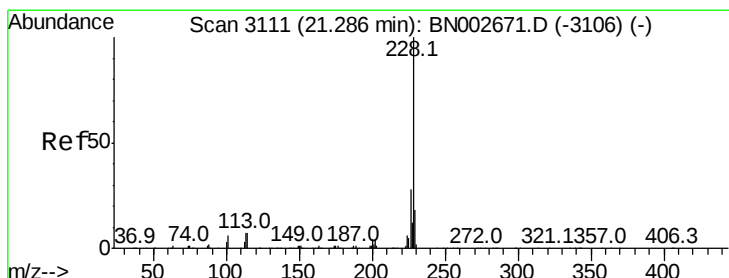
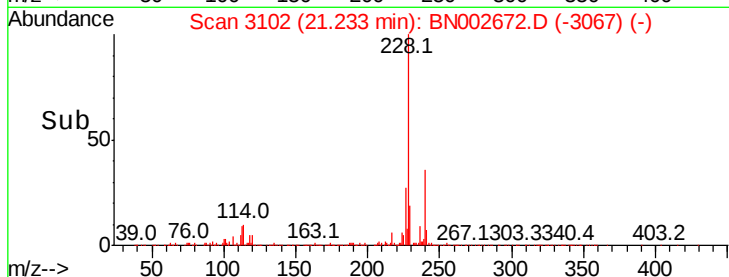
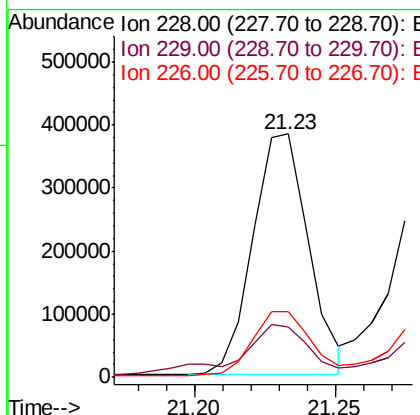
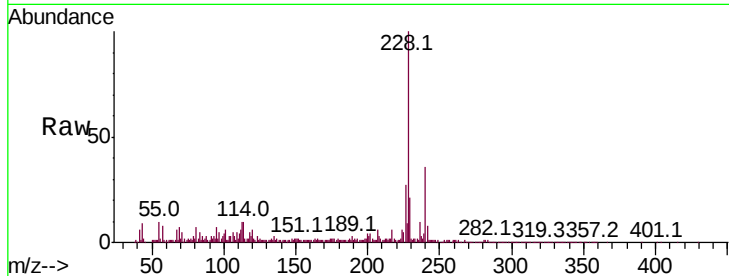
#82
Benzo(a)anthracene
Concen: 14.799 ng/u1
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN002672.D
Acq: 13 Sep 2018 13:11

Instrument :
BNA_N
ClientSampled :
A3YY5DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	27.2	21.8	32.6

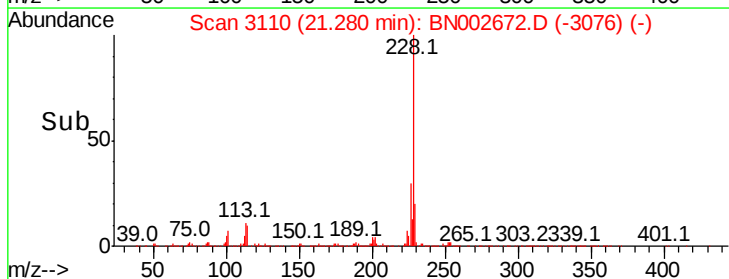
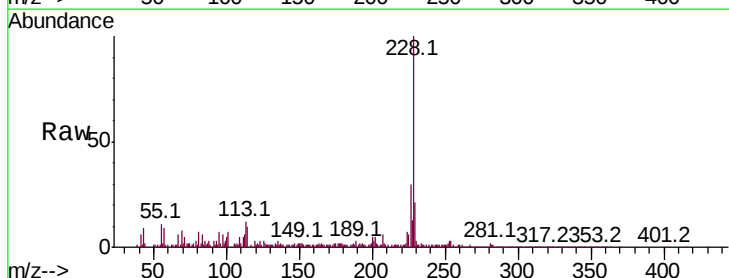
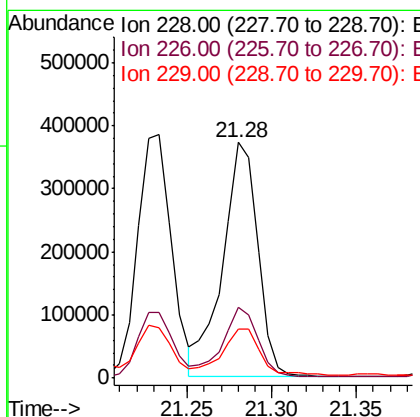
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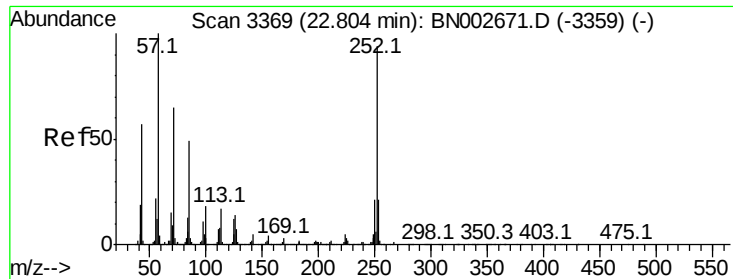
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#84
Chrysene
Concen: 16.079 ng/u1
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BN002672.D
Acq: 13 Sep 2018 13:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	20.8	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 15.980 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Instrument :

BNA_N

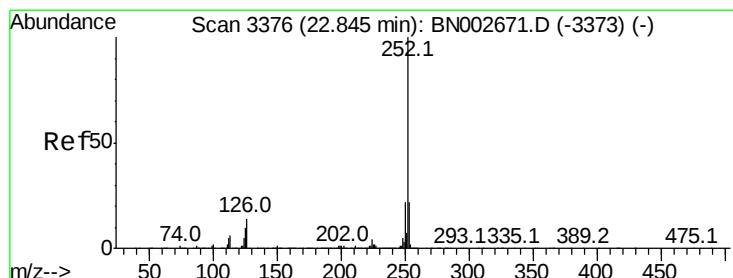
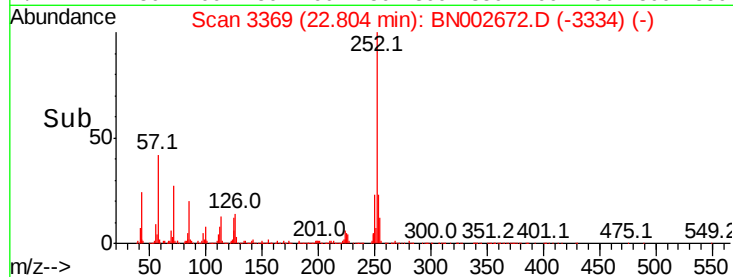
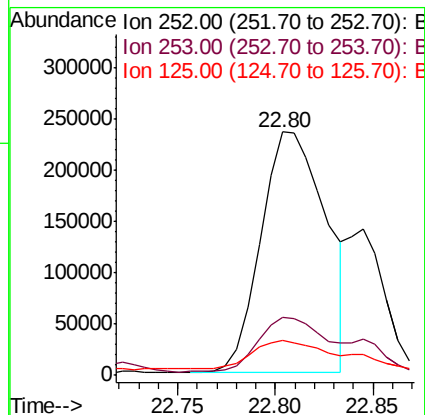
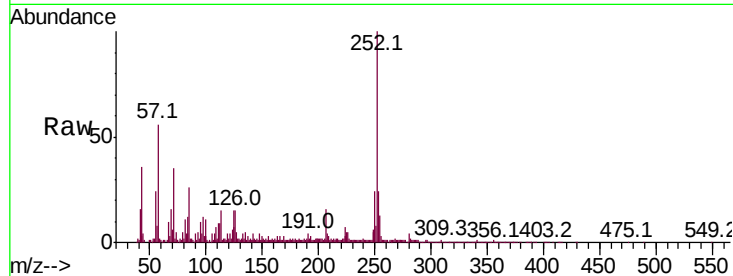
ClientSampleId :

A3YY5DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.6	8.5	12.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 5.607 ng/ul m

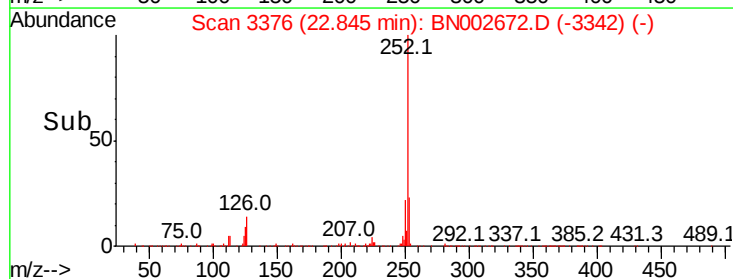
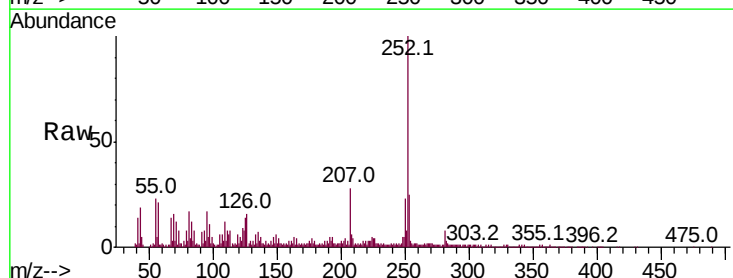
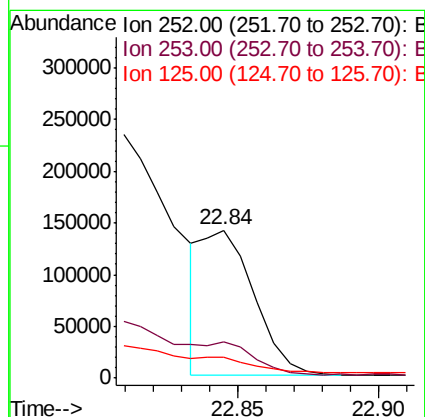
RT: 22.84 min Scan# 3376

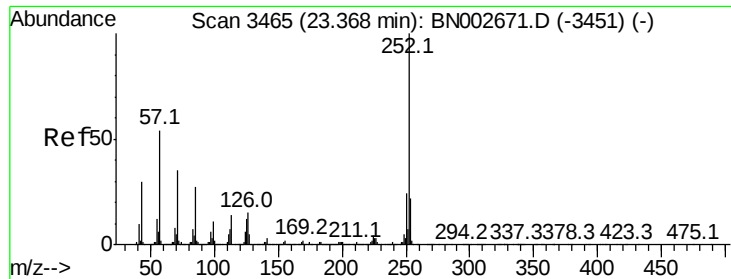
Delta R.T. -0.00 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.3	25.9
125	14.0	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 13.728 ng/ul

RT: 23.37 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Instrument :

BNA_N

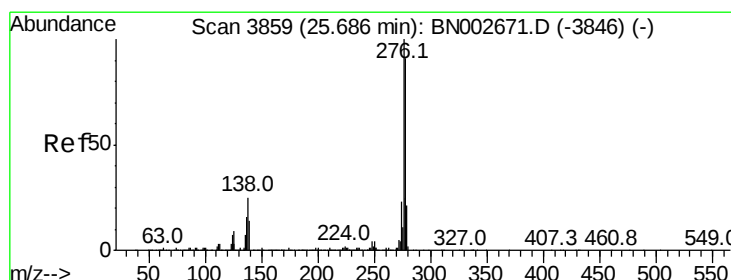
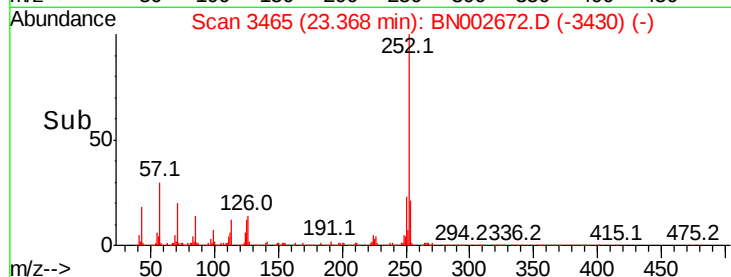
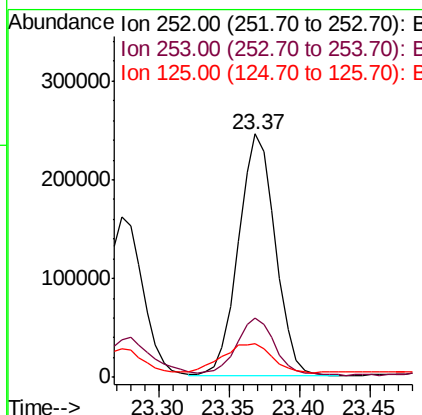
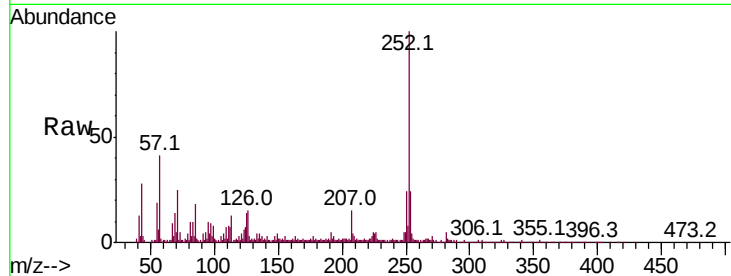
ClientSampleId :

A3YY5DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	444831		
253	24.1	17.2	25.8	
125	13.7	9.0	13.6	

Manual Integrations
APPROVED

Sohil
9/14/2018 5:15:44 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 7.651 ng/ul

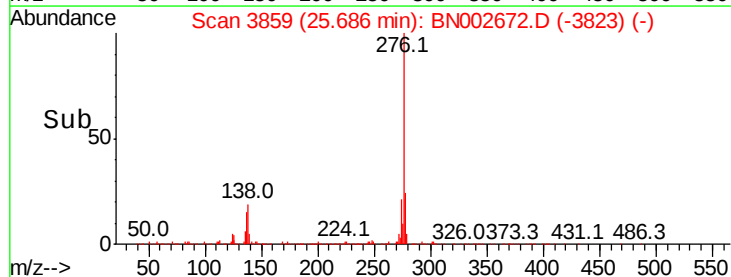
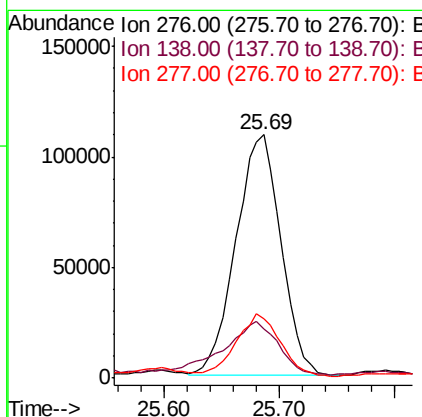
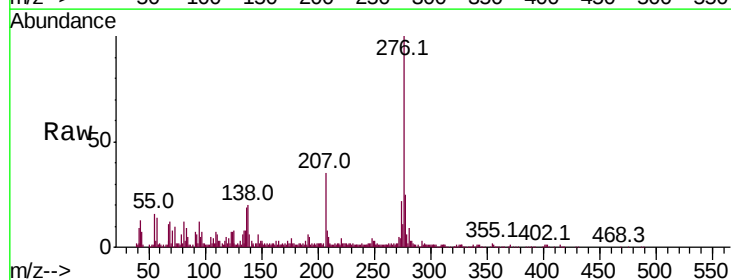
RT: 25.69 min Scan# 3859

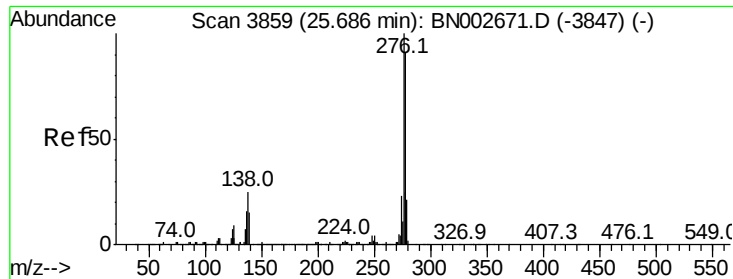
Delta R.T. 0.01 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	294949		
138	20.3	22.3	33.5	
277	24.6	20.2	30.2	





#92

Dibenzo(a,h)anthracene

Concen: 2.510 ng/ul

RT: 25.69 min Scan# 3859

Delta R.T. 0.01 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Instrument :

BNA_N

ClientSampleId :

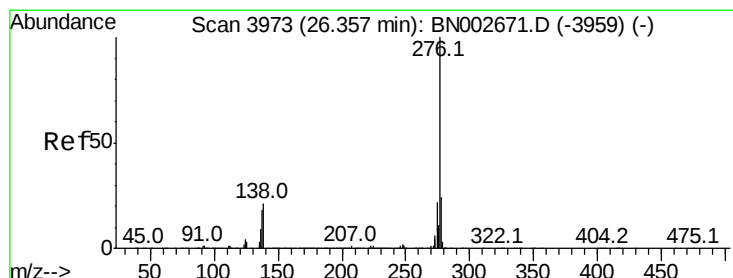
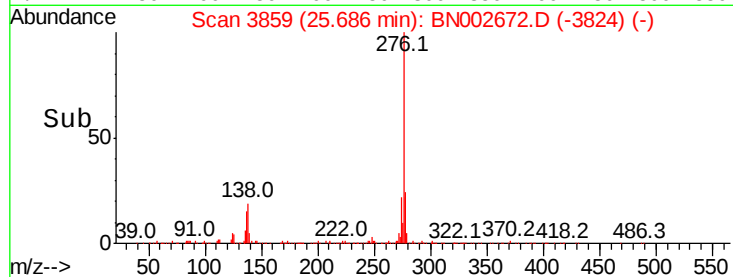
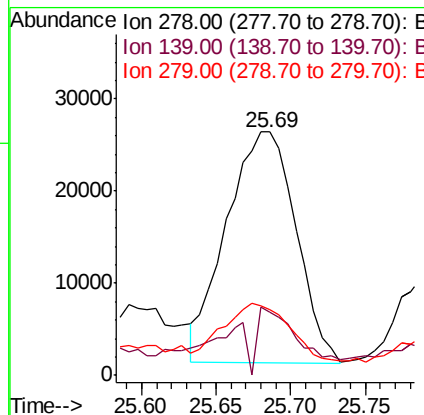
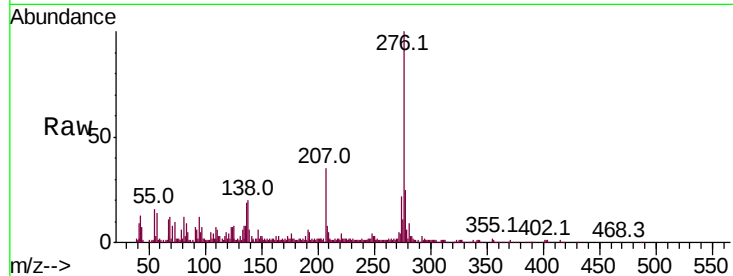
A3YY5DL

Tot Ion:	278	Resp:	80876
Ion Ratio	Lower	Upper	
278	100		
139	25.8	13.9	20.9#
279	26.7	19.0	28.4

Manual Integrations
APPROVED

Sohil

9/14/2018 5:15:44 PM



#93

Benzo(g,h,i)perylene

Concen: 8.682 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.01 min

Lab File: BN002672.D

Acq: 13 Sep 2018 13:11

Tgt Ion:	276	Resp:	279263
Ion Ratio	Lower	Upper	
276	100		
138	21.5	18.9	28.3
277	25.2	19.2	28.8

