

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002659.D
 Acq On : 12 Sep 2018 17:42
 Operator : JU/SJ
 Sample : J4792-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z39

Manual Integrations
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Sohil
 9/13/2018 5:41:14 PM

Quant Time: Sep 13 06:40:43 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	171245	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	793034	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	485286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1096288	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1066067	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	929969	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	9077	2.50	ng/uL	0.00
5) Phenol-d5	6.85	99	207729	13.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	135939	13.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	173224	14.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	121748	9.70	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	87853	13.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	101785	15.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	167839	13.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	208077	15.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	616893	15.33	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	737770	14.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	68410m	9.00	ng/ul	0.00
57) Fluorene-d10	15.29	176	541678	15.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	75544	10.82	ng/ul	0.00
70) Anthracene-d10	17.14	188	793908	15.16	ng/ul	0.00
78) Pyrene-d10	19.44	212	924049	18.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	807541	16.61	ng/ul	0.00
Target Compounds						
6) Phenol	6.88	94	16599	1.038	ng/ul	93
28) Naphthalene	10.48	128	92413	2.265	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	32569	1.081	ng/ul	91
44) Dimethylphthalate	13.75	163	450856	11.427	ng/ul	99
47) Acenaphthylene	14.01	152	54175	1.153	ng/ul	96
53) Dibenzofuran	14.69	168	71080	1.520	ng/ul	96
58) Fluorene	15.35	166	74085	1.937	ng/ul	98
69) Phenanthrene	17.09	178	547955	9.067	ng/ul	98
71) Anthracene	17.17	178	130406	2.128	ng/ul	99
74) Carbazole	17.45	167	57628	1.060	ng/ul	96
76) Fluoranthene	19.11	202	462978	6.731	ng/ul	98
79) Pyrene	19.47	202	414247	6.444	ng/ul	98
82) Benzo(a)anthracene	21.23	228	207564	3.178	ng/ul	97
84) Chrysene	21.28	228	170020m	2.750	ng/ul	
87) Benzo(b)fluoranthene	22.80	252	267524	4.799	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	68937m	1.313	ng/ul	
90) Benzo(a)pyrene	23.36	252	190428	3.586	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.67	276	133816	2.118	ng/ul#	94
93) Benzo(g,h,i)perylene	26.36	276	111336	2.112	ng/ul	93

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

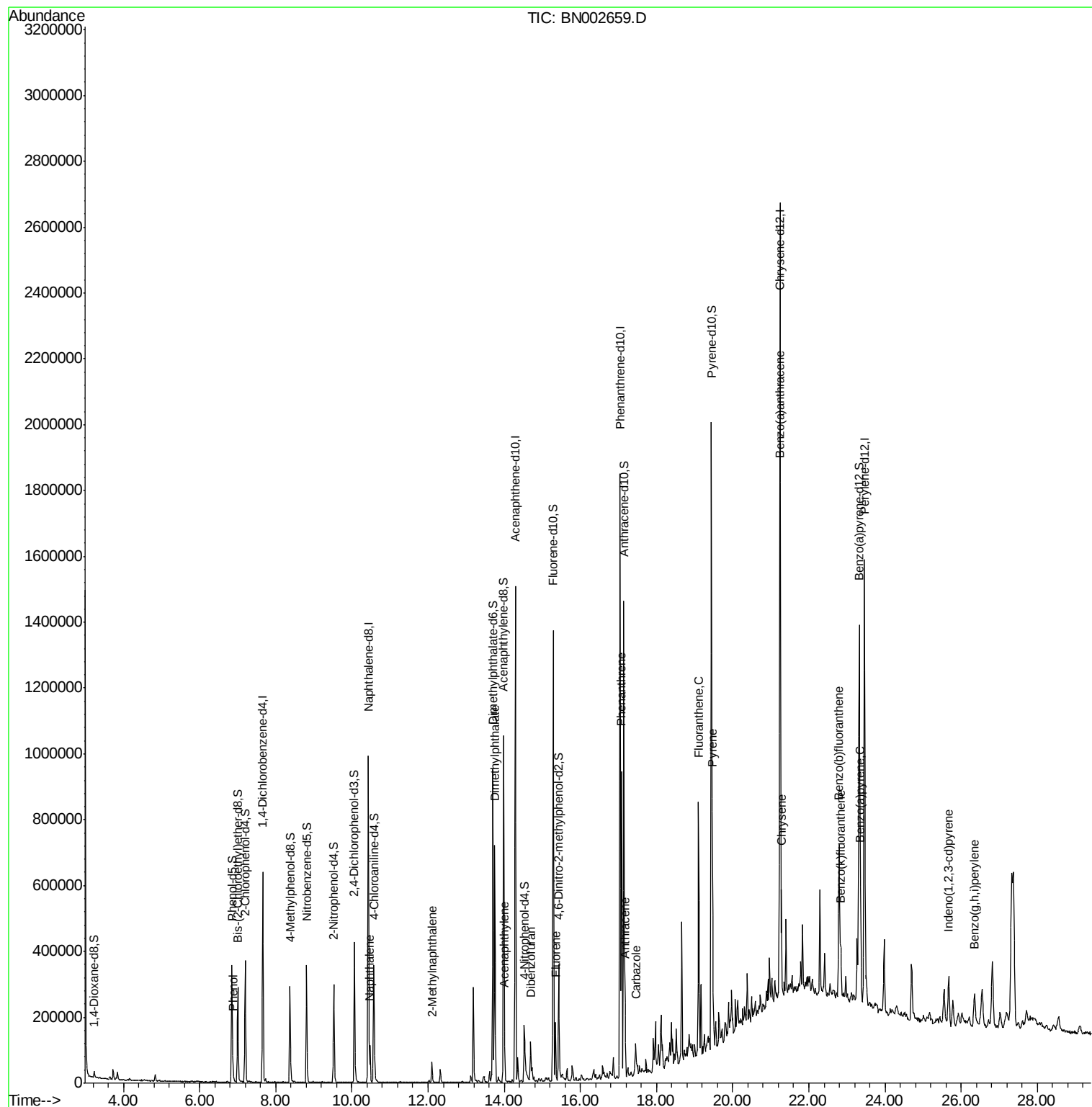
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002659.D
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Sample : J4792-08
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ALS Vial : 13 Sample Multiplier: 1

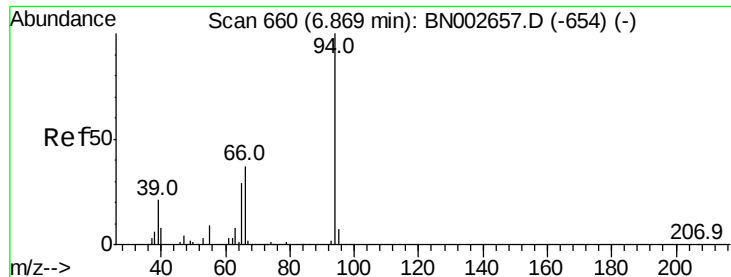
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.038 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.01 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Instrument :

BNA_N

ClientSampled :

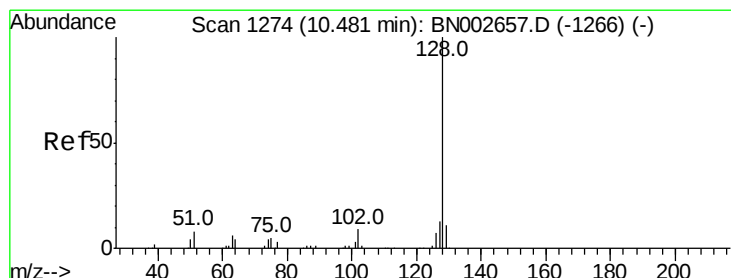
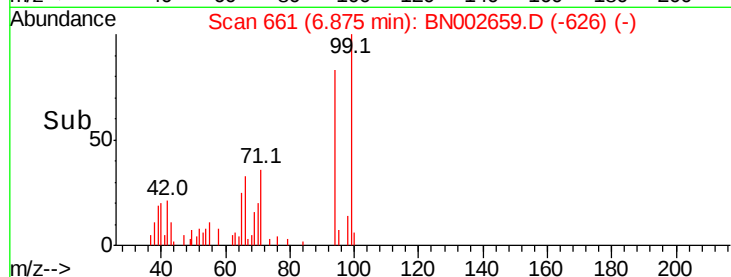
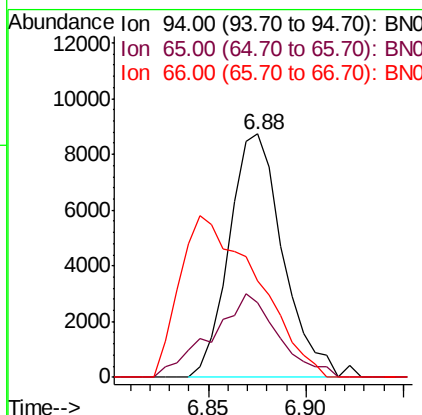
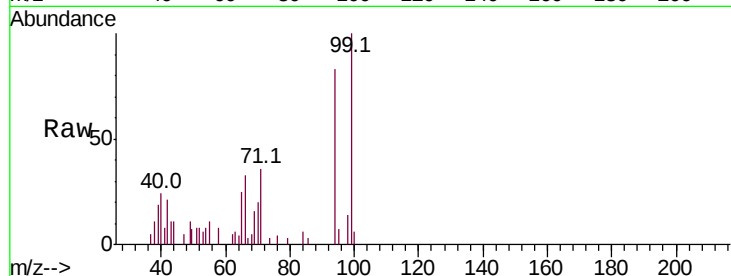
A3Z39

Tot Ion:	94	Resp:	16599
Ion Ratio	Lower	Upper	
94	100		
65	30.7	21.0	31.6
66	39.8	29.3	43.9

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#28

Naphthalene

Concen: 2.265 ng/ul

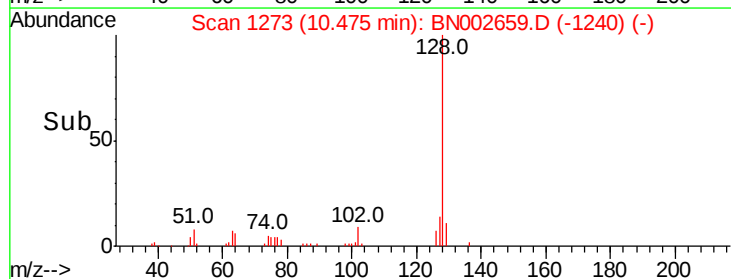
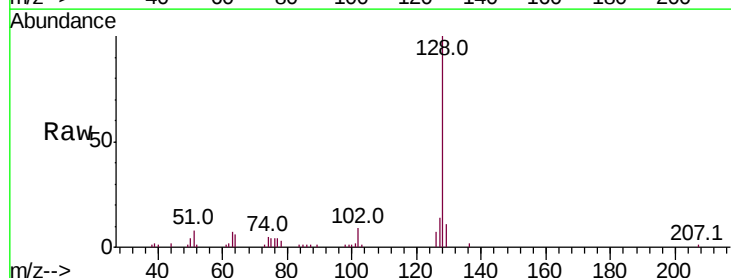
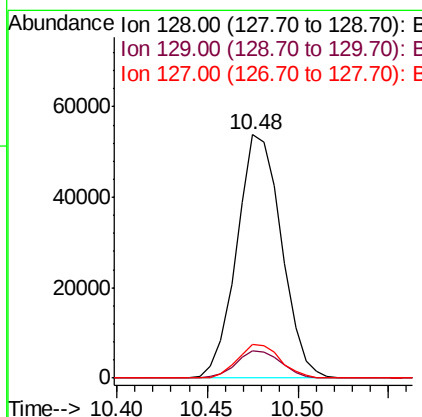
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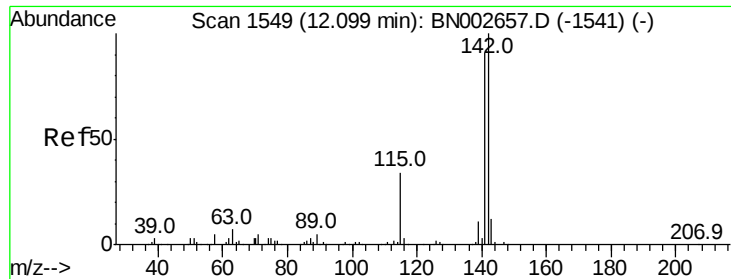
Delta R.T. -0.01 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Tgt Ion:	128	Resp:	92413
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.6	10.5	15.7





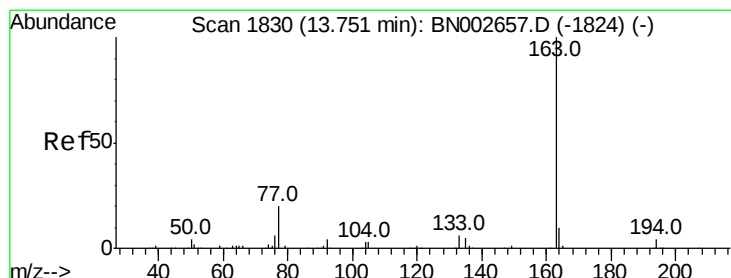
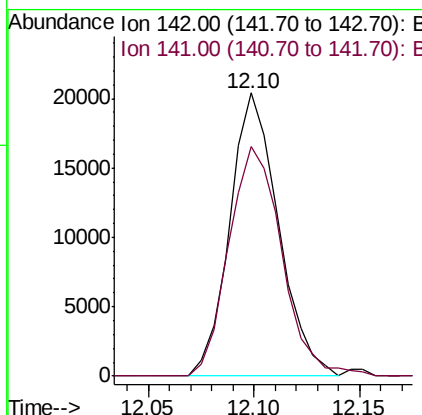
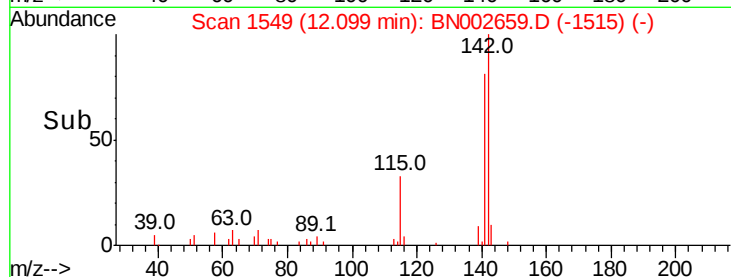
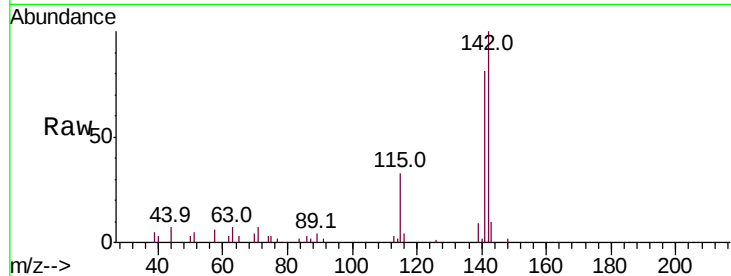
#34
2-Methylnaphthalene
Concen: 1.081 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BN002659.D
Acq: 12 Sep 2018 17:42

Instrument :
BNA_N
ClientSampleId :
A3Z39

Tot Ion:142 Resp: 32569
Ion Ratio Lower Upper
142 100
141 81.2 71.6 107.4

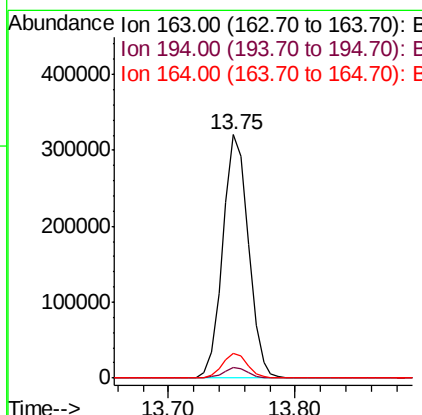
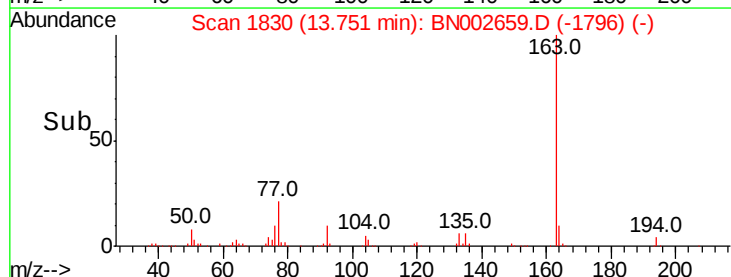
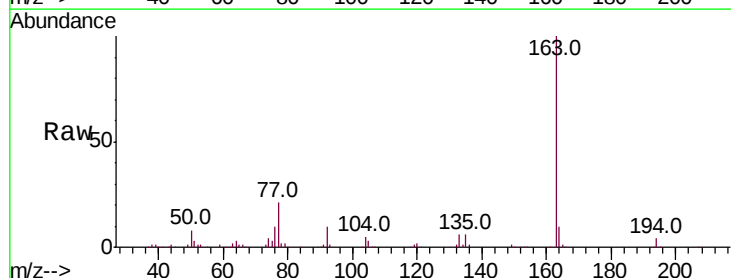
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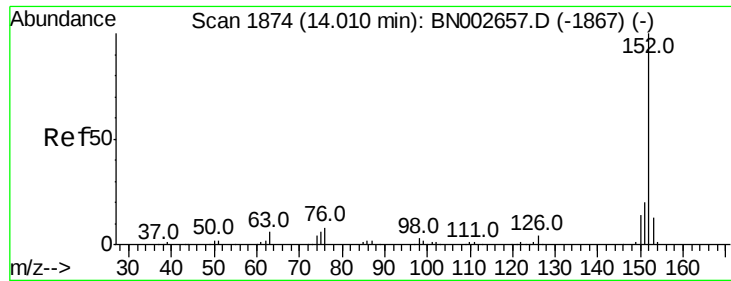
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#44
Dimethylphthalate
Concen: 11.427 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN002659.D
Acq: 12 Sep 2018 17:42

Tgt Ion:163 Resp: 450856
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.4 7.8 11.8





#47

Acenaphthylene

Concen: 1.153 ng/ul

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Instrument :

BNA_N

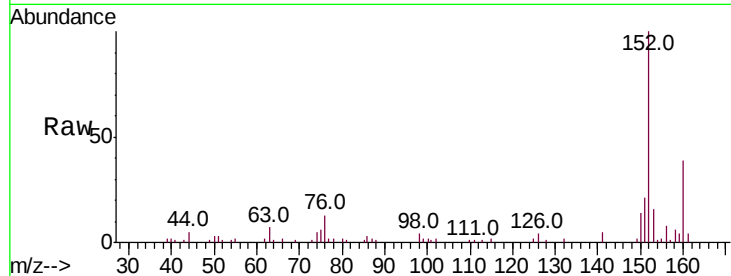
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A3Z39

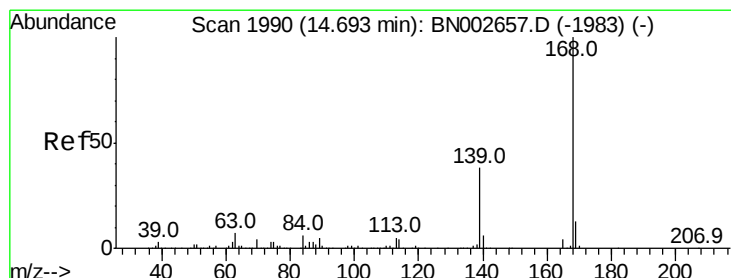
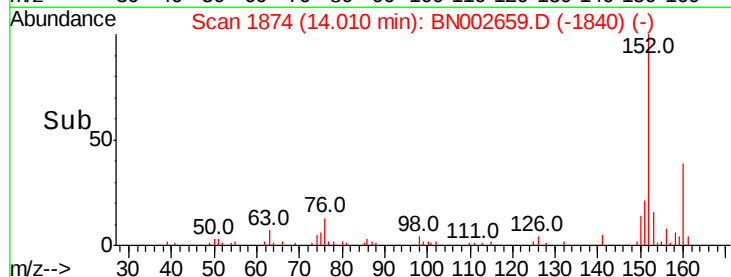
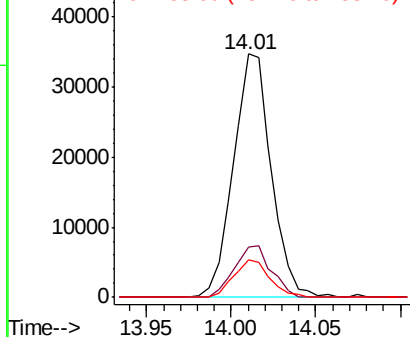
Tot Ion:	152	Resp:	54175
Ion Ratio	Lower	Upper	
152	100		
151	20.8	15.7	23.5
153	15.5	10.5	15.7

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#53

Dibenzofuran

Concen: 1.520 ng/ul

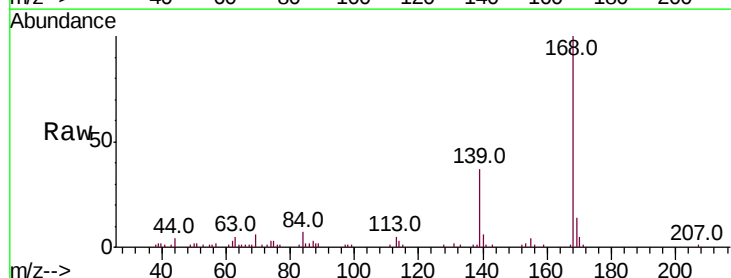
RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

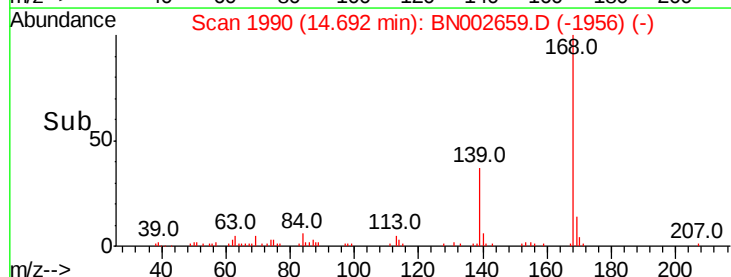
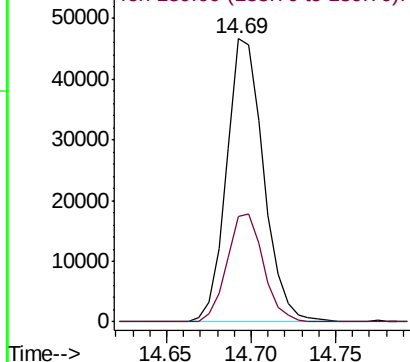
Lab File: BN002659.D

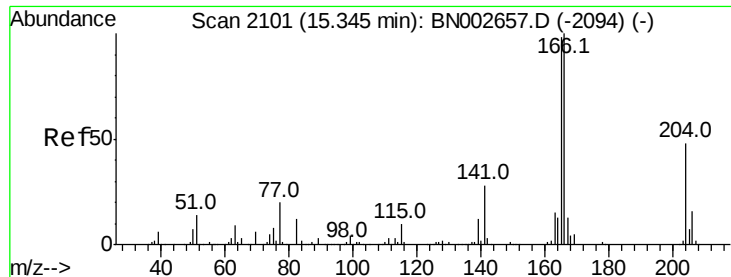
Acq: 12 Sep 2018 17:42

Tgt Ion:	168	Resp:	71080
Ion Ratio	Lower	Upper	
168	100		
139	37.5	32.2	48.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





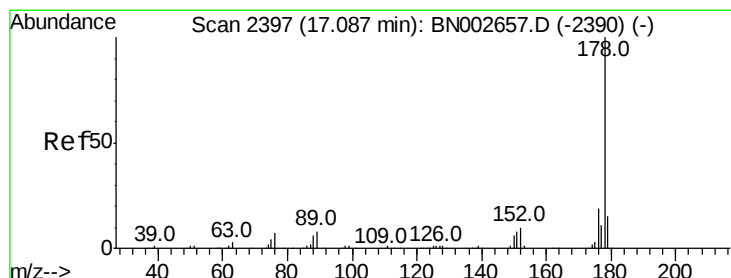
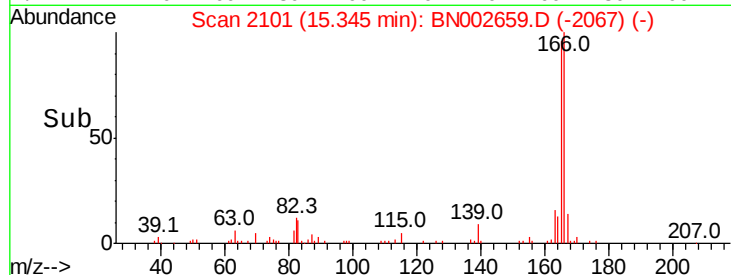
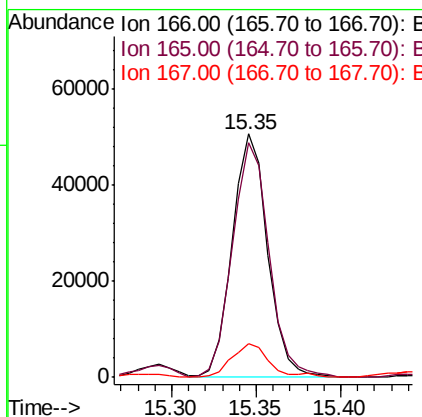
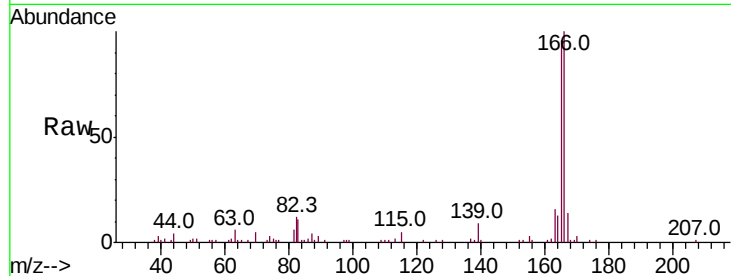
#58
Fluorene
 Concen: 1.937 ng/ul
 RT: 15.35 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BN002659.D
 Acq: 12 Sep 2018 17:42

Instrument :
 BNA_N
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 A3Z39

Tot Ion	Ratio	Resp	Lower	Upper
166	100	74085		
165	96.4		78.5	117.7
167	13.9		10.7	16.1

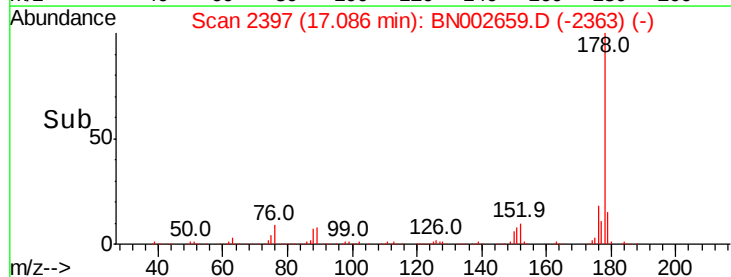
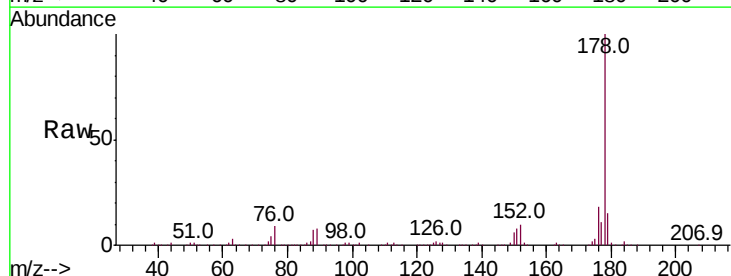
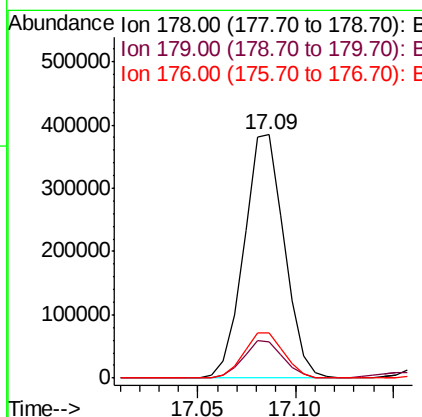
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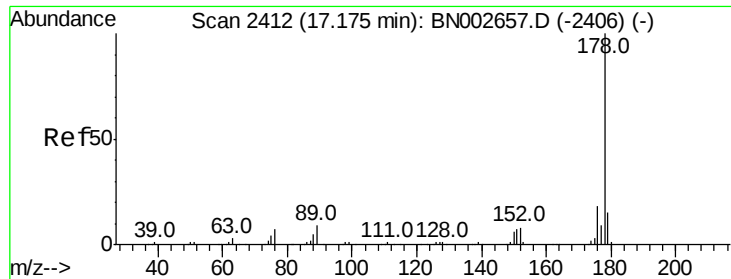
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#69
Phenanthrene
 Concen: 9.067 ng/ul
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.00 min
 Lab File: BN002659.D
 Acq: 12 Sep 2018 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	547955		
179	14.7		12.2	18.4
176	18.5		15.6	23.4





#71

Anthracene

Concen: 2.128 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Instrument :

BNA_N

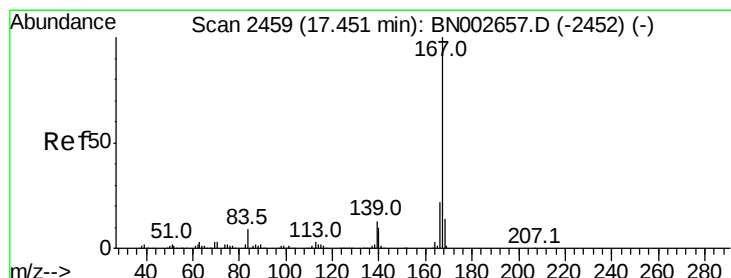
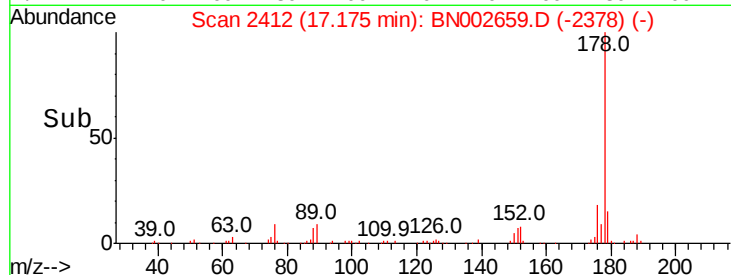
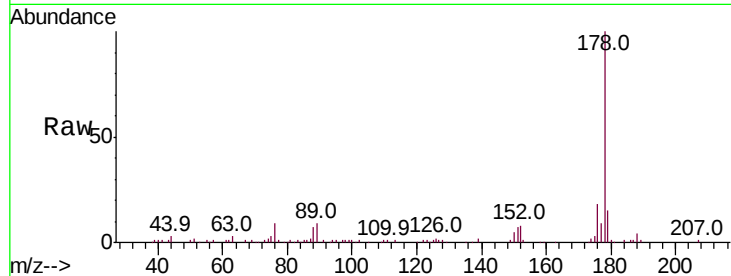
ClientSampleId :

A3Z39

Tot Ion:	178	Resp:	130406
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	18.0	14.8	22.2

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#74

Carbazole

Concen: 1.060 ng/ul

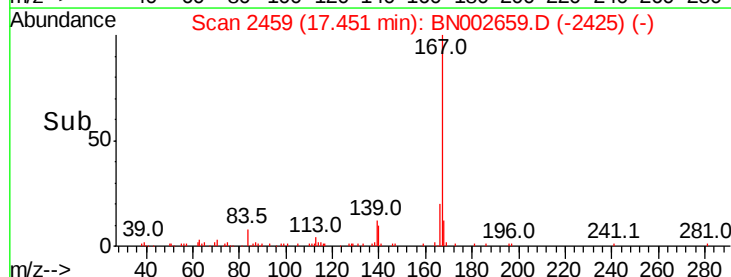
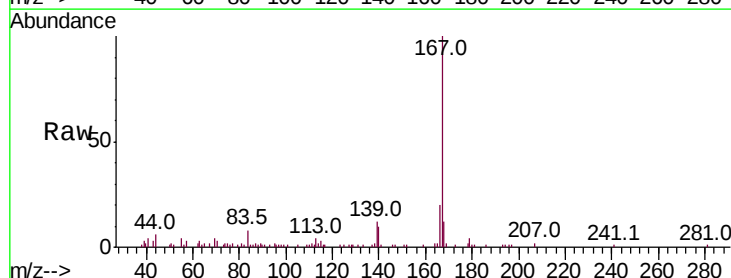
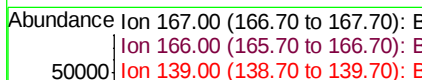
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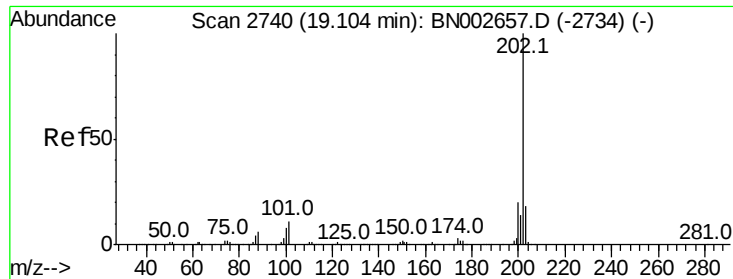
Delta R.T. -0.00 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Tgt Ion:	167	Resp:	57628
Ion Ratio	Lower	Upper	
167	100		
166	20.0	17.0	25.6
139	11.8	11.0	16.4





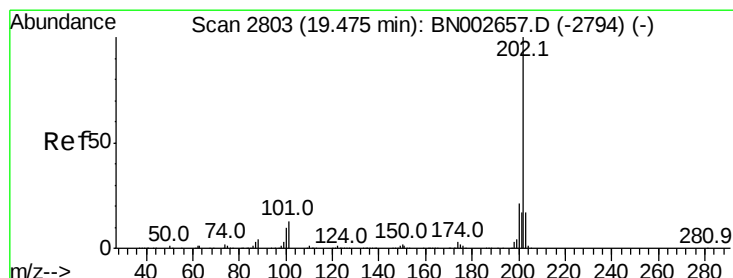
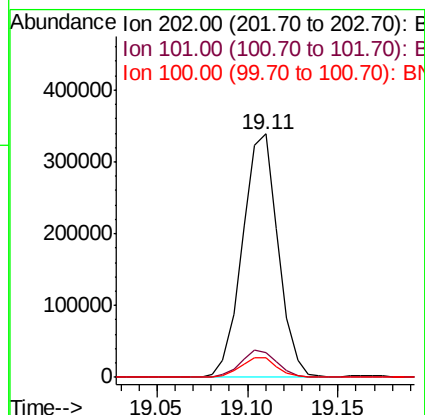
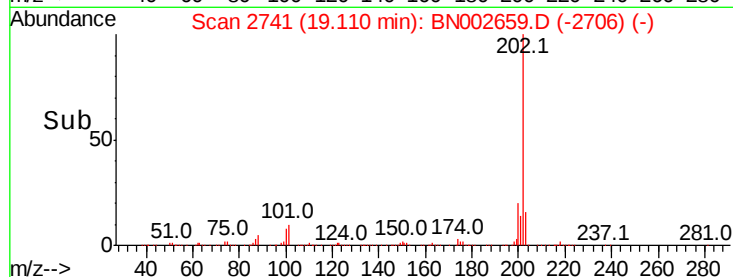
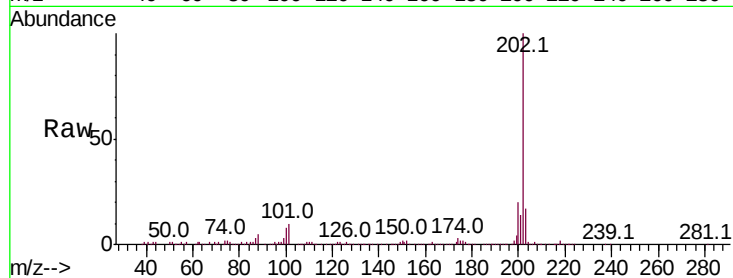
#76
Fluoranthene
Concen: 6.731 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BN002659.D
Acq: 12 Sep 2018 17:42

Instrument :
BNA_N
ClientSampleId :
A3Z39

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	8.8	13.2
100	8.0	6.6	9.8

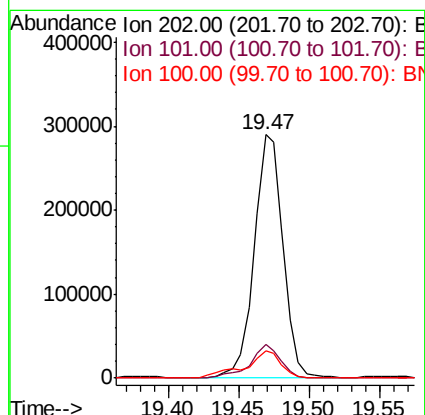
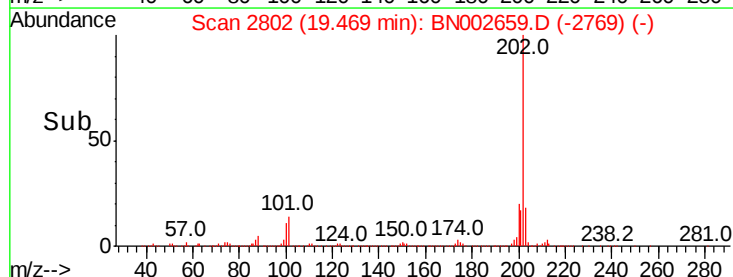
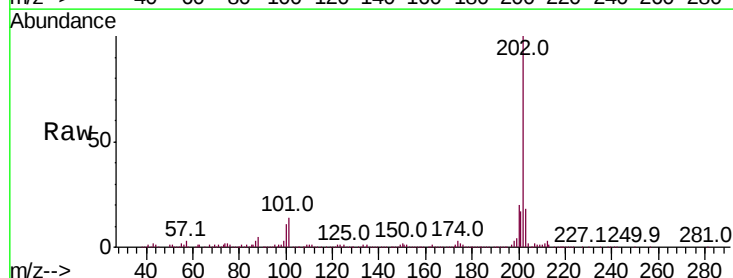
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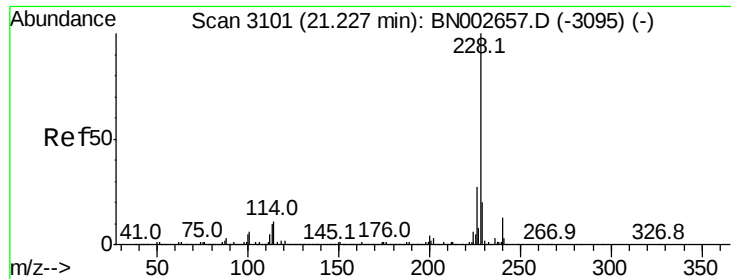
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#79
Pyrene
Concen: 6.444 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN002659.D
Acq: 12 Sep 2018 17:42

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	10.2	15.2
100	11.0	8.5	12.7





#82

Benzo(a)anthracene

Concen: 3.178 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Instrument :

BNA_N

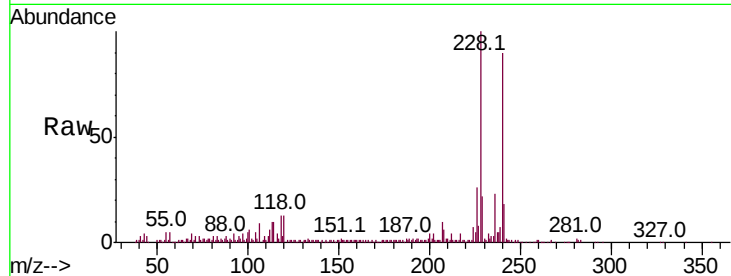
ClientSampleId :

A3Z39

Tot Ion:	228	Resp:	207564
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.7	23.5
226	26.2	21.8	32.6

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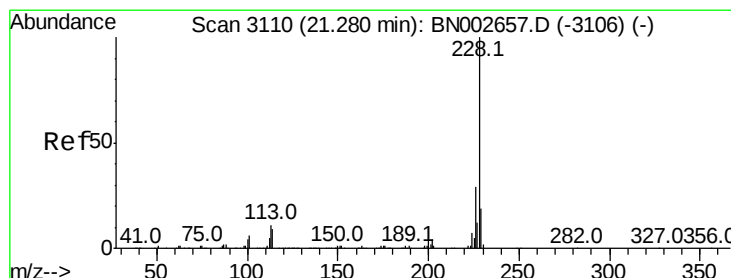
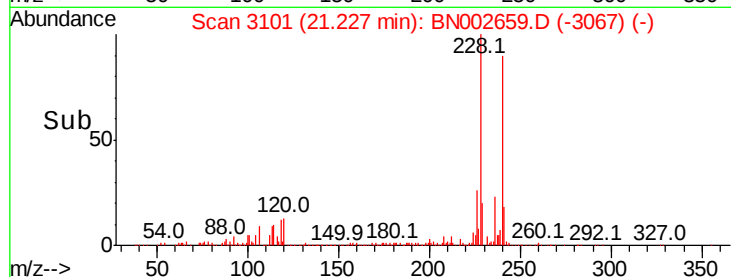
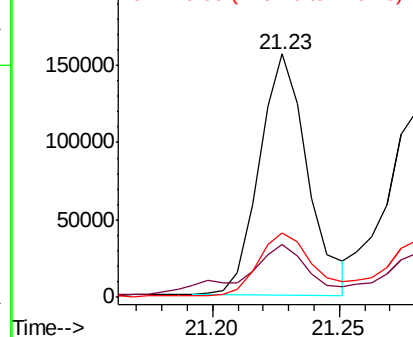


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 2.750 ng/ul m

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

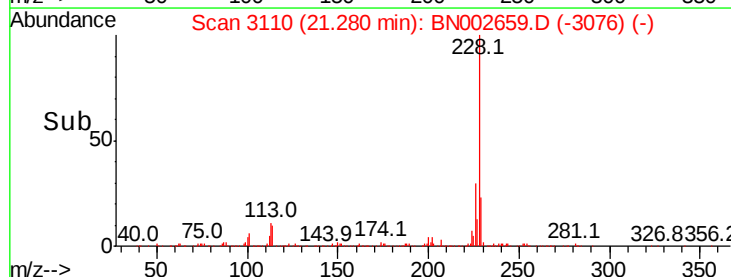
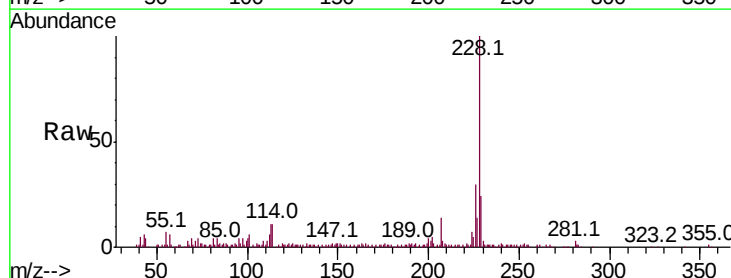
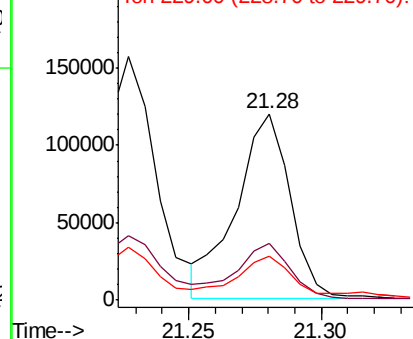
Tgt Ion:	228	Resp:	170020
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.0	36.0
229	23.5	15.6	23.4#

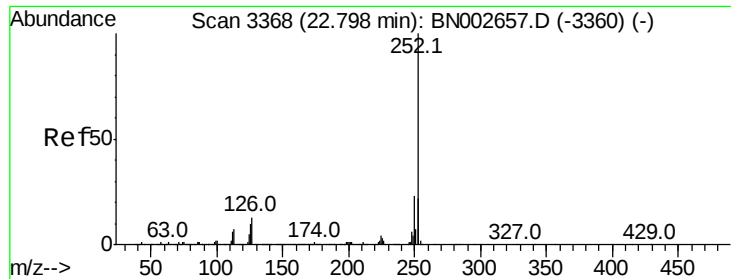
Abundance

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





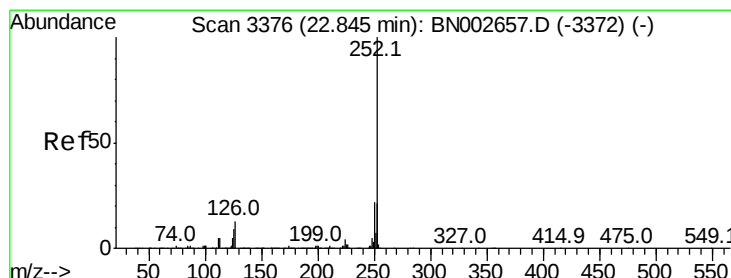
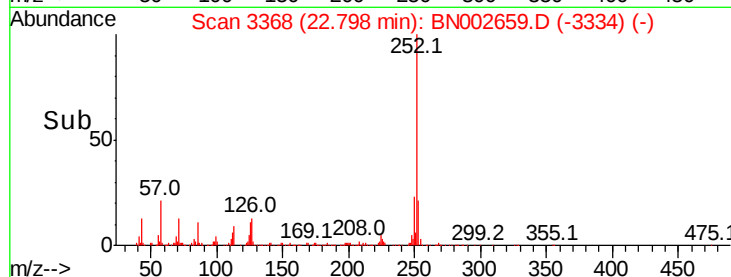
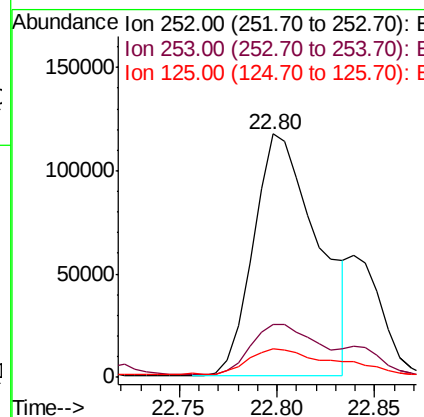
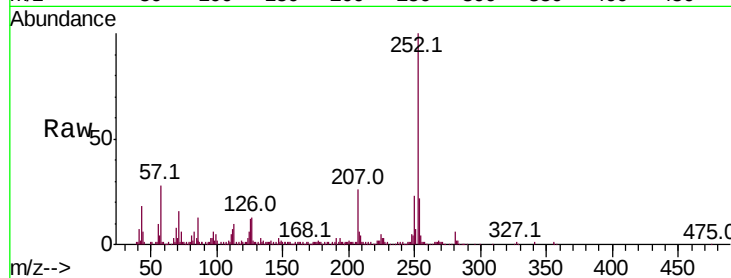
#87
Benzo(b)fluoranthene
Concen: 4.799 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN002659.D
Acq: 12 Sep 2018 17:42

Instrument :
BNA_N
ClientSampleId :
A3Z39

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	12.0	8.5	12.7

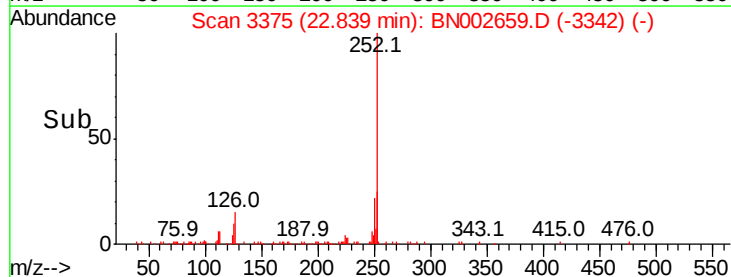
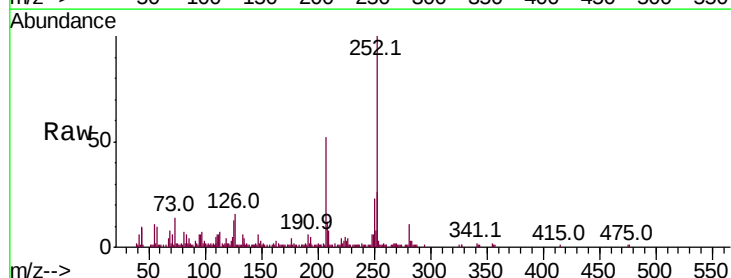
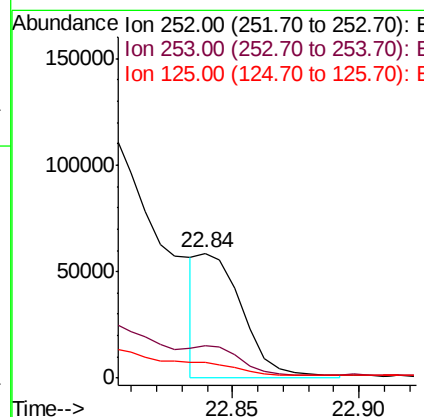
Manual Integrations
APPROVED

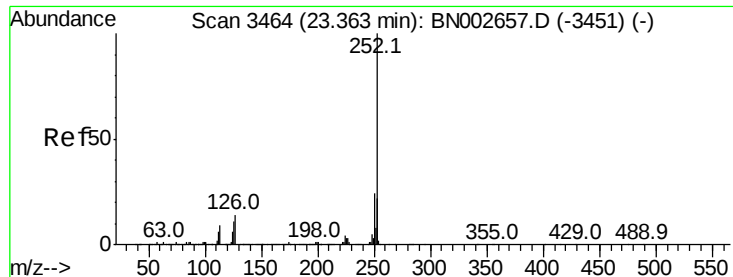
Sohil
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#88
Benzo(k)fluoranthene
Concen: 1.313 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BN002659.D
Acq: 12 Sep 2018 17:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	12.6	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 3.586 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Instrument :

BNA_N

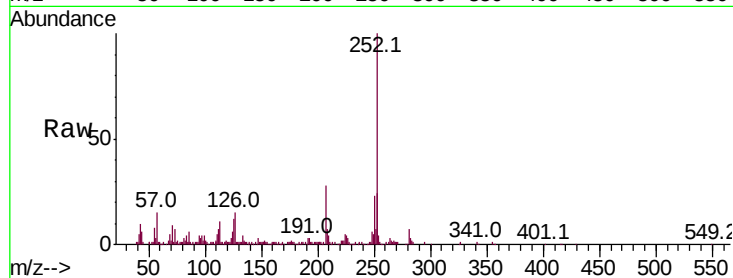
ClientSampled :

A3Z39

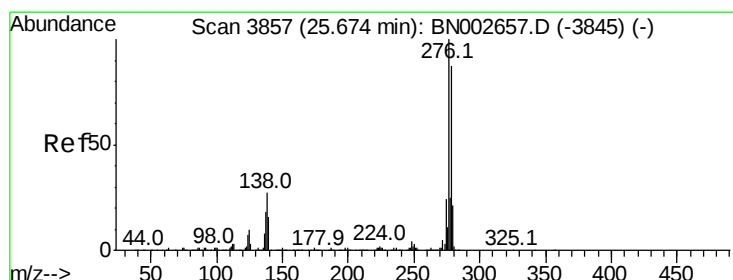
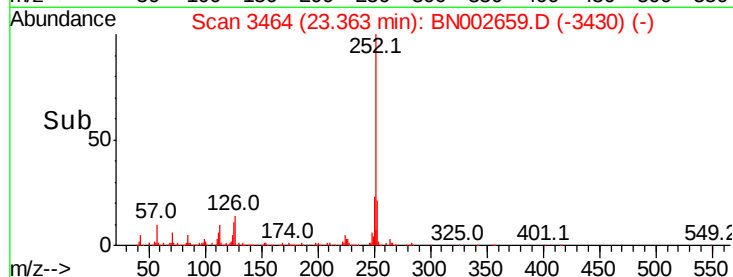
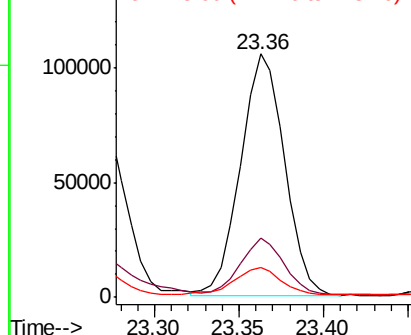
Tot Ion:	252	Resp:	190428
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.2	25.8
125	12.3	9.0	13.6

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.118 ng/ul

RT: 25.67 min Scan# 3857

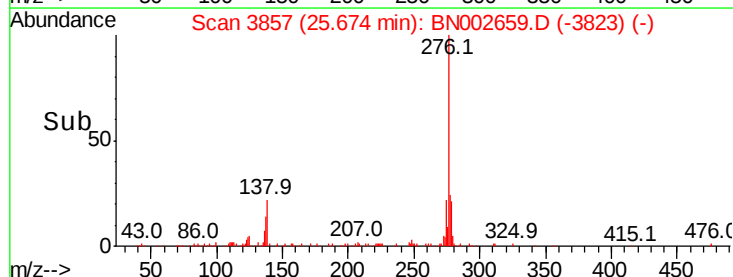
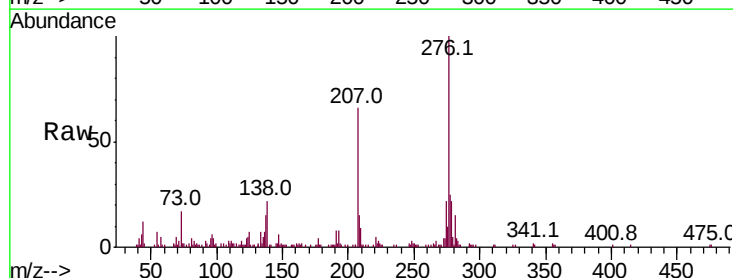
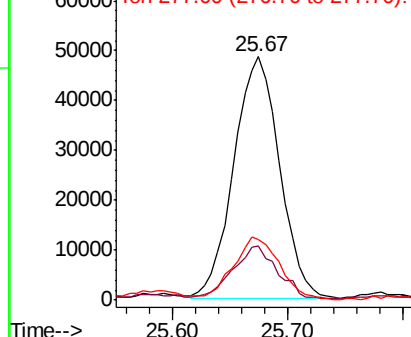
Delta R.T. -0.00 min

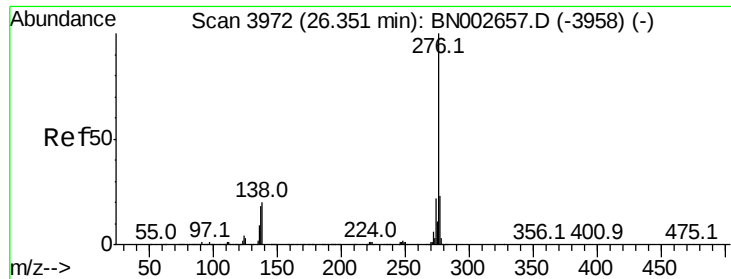
Lab File: BN002659.D

Acq: 12 Sep 2018 17:42

Tgt Ion:	276	Resp:	133816
Ion Ratio	Lower	Upper	
276	100		
138	22.2	22.3	33.5#
277	24.7	20.2	30.2

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





#93
 Benzo(a,h,i)perylene
 Concen: 2.112 ng/ul
 RT: 26.36 min Scan# 3973
 Delta R.T. 0.01 min
 Lab File: BN002659.D
 Acq: 12 Sep 2018 17:42

Instrument :
 BNA_N
 ClientSampleId :
 A3Z39

Tot Ion:	276	Resp:	111336
Ion Ratio	Lower	Upper	
276	100		
138	20.0	18.9	28.3
277	21.1	19.2	28.8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:41:14 PM

