

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002975.D
 Acq On : 05 Oct 2018 22:30
 Operator : MJ/SJ
 Sample : J5230-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z10

Manual Integrations
 APPROVED

Sohil
 10/8/2018 5:53:43 PM

Quant Time: Oct 06 03:51:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 06 02:55:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	128615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	608672	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	365852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	805017	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	758982	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	590828	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	7795	2.80	ng/uL	0.00
5) Phenol-d5	6.82	99	190353	17.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	124736	18.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	167291	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	150907	17.84	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	87749	18.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	104178	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	179623	18.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	179434	16.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	582194	20.33	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	734911	19.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	73058	15.43	ng/ul	0.01
57) Fluorene-d10	15.26	176	514199	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	81800	16.25	ng/ul	0.00
70) Anthracene-d10	17.12	188	793966	20.66	ng/ul	0.00
78) Pyrene-d10	19.42	212	851499	21.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	646134	20.78	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.85	94	14153	1.285	ng/ul#	87
28) Naphthalene	10.45	128	45388	1.447	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	26024	1.187	ng/ul	97
44) Dimethylphthalate	13.73	163	410524	14.688	ng/ul	100
47) Acenaphthylene	13.99	152	94081	2.678	ng/ul	99
69) Phenanthrene	17.06	178	211555	4.770	ng/ul	99
71) Anthracene	17.15	178	78314	1.741	ng/ul	98
75) Di-n-butylphthalate	17.99	149	53165	1.148	ng/ul	98
76) Fluoranthene	19.09	202	663943	14.033	ng/ul	99
79) Pyrene	19.45	202	578065	11.519	ng/ul	98
82) Benzo(a)anthracene	21.21	228	299116	6.335	ng/ul	96
84) Chrysene	21.26	228	367090	8.295	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	465429	12.899	ng/ul#	94
88) Benzo(k)fluoranthene	22.82	252	156293m	4.643	ng/ul	
90) Benzo(a)pyrene	23.34	252	218306	6.400	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.64	276	177428	4.393	ng/ul	97
92) Dibenzo(a,h)anthracene	25.63	278	53773	1.580	ng/ul#	78
93) Benzo(g,h,i)perylene	26.32	276	151393	4.484	ng/ul	99

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

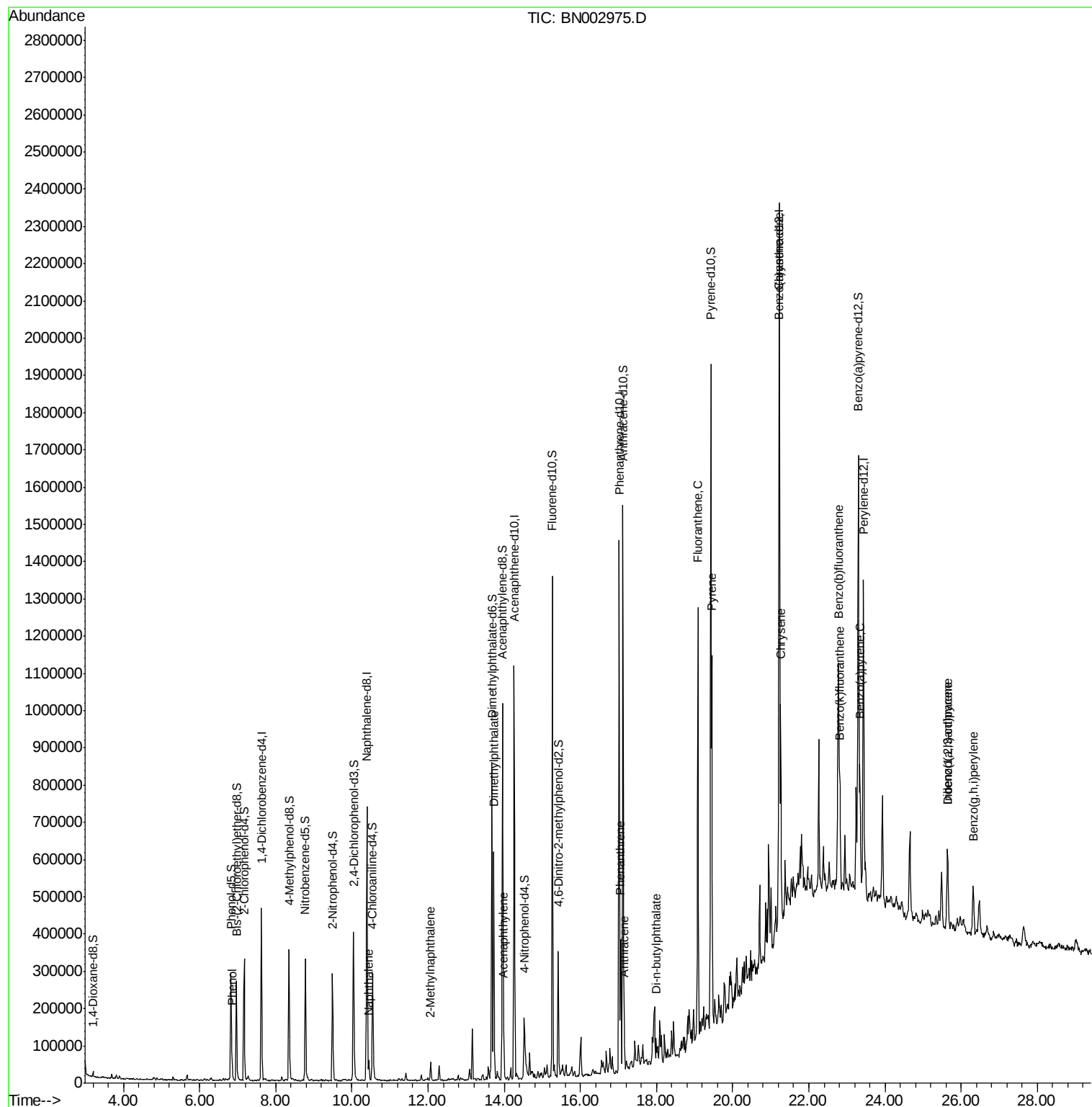
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002975.D
Acq On : 05 Oct 2018 22:30
Operator : MJ/SJ
Sample : J5230-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

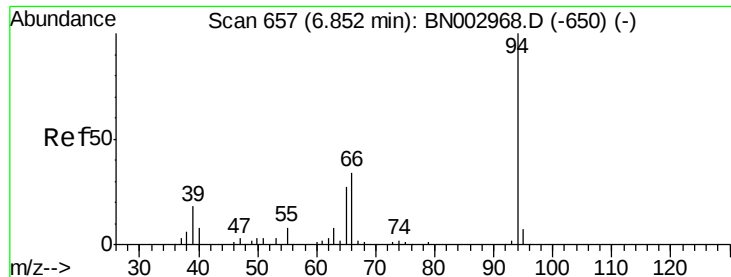
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 02:55:40 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.285 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

ClientSampled :

A3Z10

Tgt Ion: 94 Resp: 14153

Ion Ratio Lower Upper

94 100

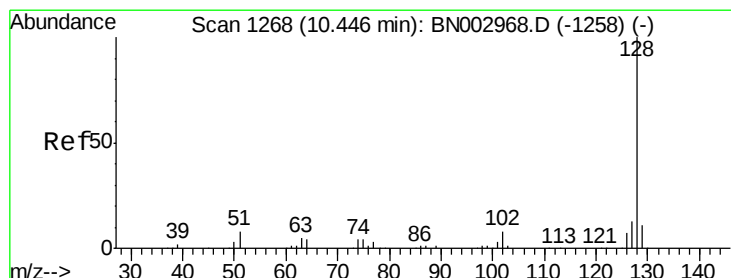
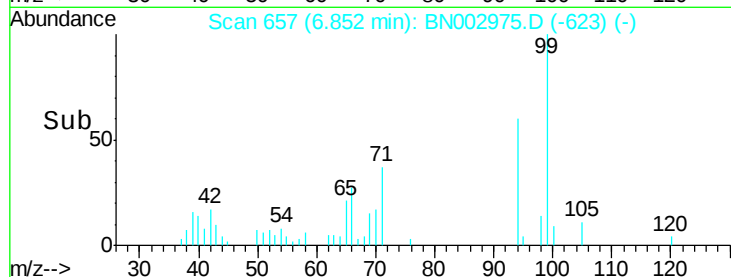
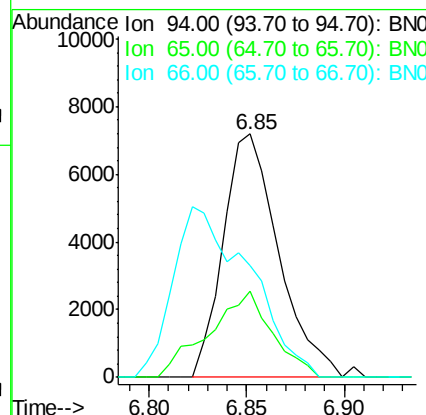
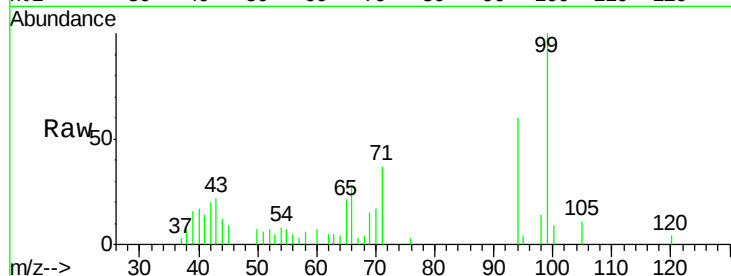
65 35.4 23.1 34.7#

66 45.7 29.8 44.6#

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#28

Naphthalene

Concen: 1.447 ng/ul

RT: 10.45 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

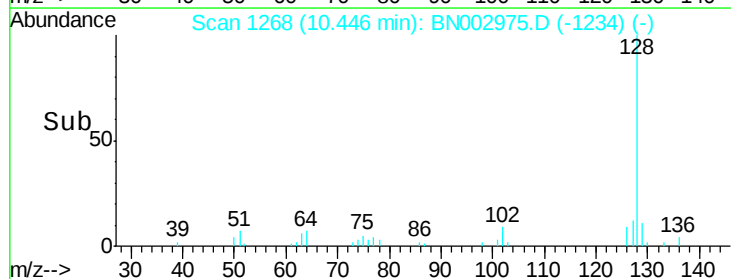
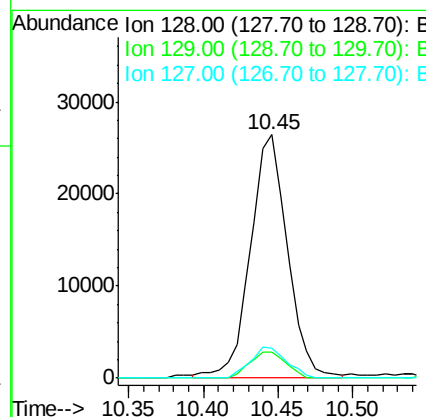
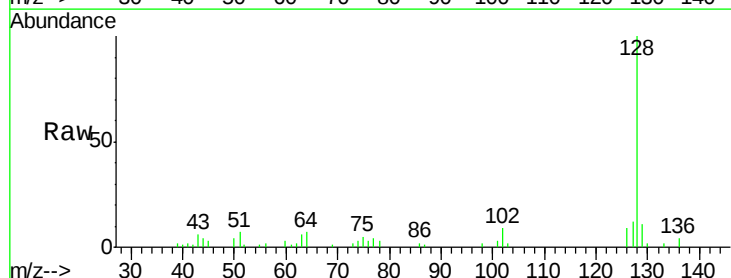
Tgt Ion: 128 Resp: 45388

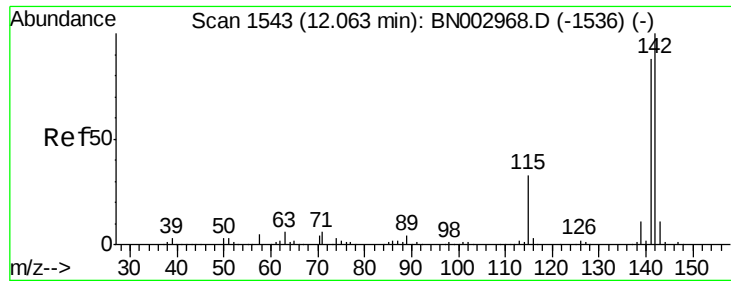
Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

127 12.1 10.5 15.7





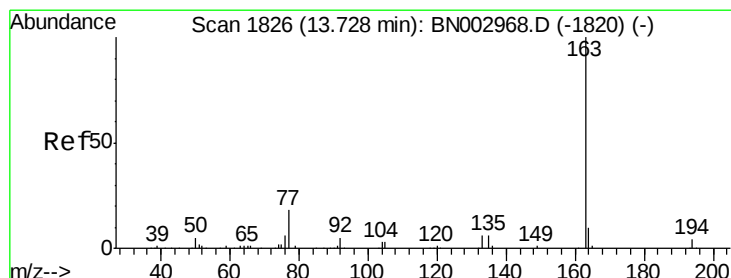
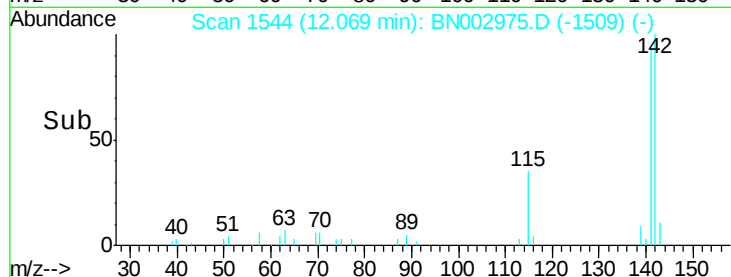
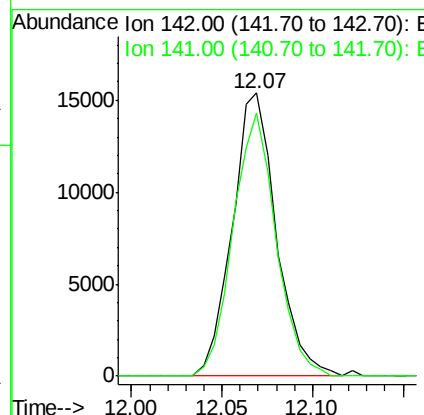
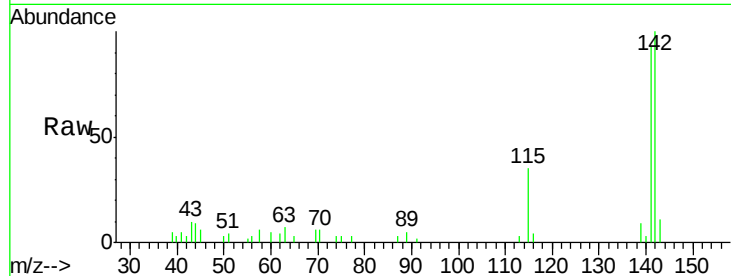
#34
 2-Methylnaphthalene
 Concen: 1.187 ng/ul
 RT: 12.07 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BN002975.D
 Acq: 05 Oct 2018 22:30

Instrument :
 BNA_N
 ClientSampleId :
 A3Z10

Tgt Ion:142 Resp: 26024
 Ion Ratio Lower Upper
 142 100
 141 92.8 71.8 107.8

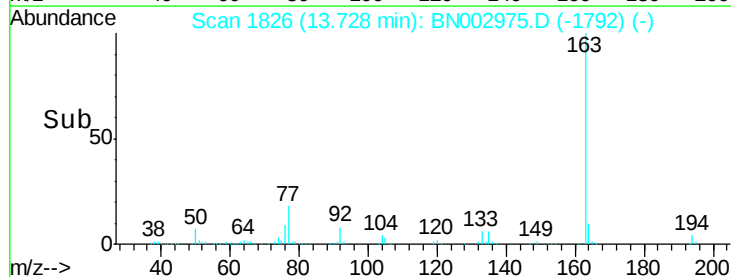
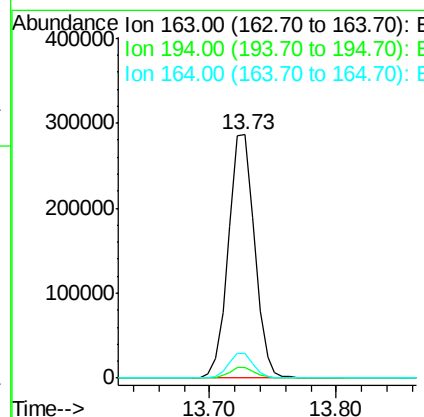
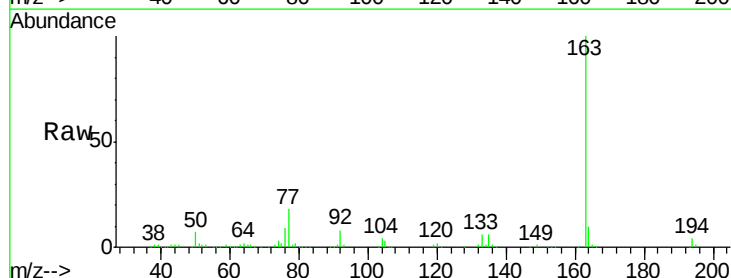
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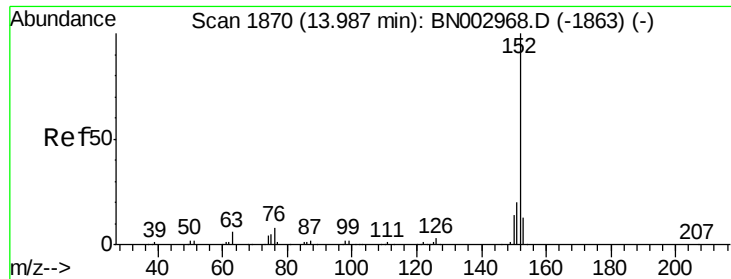
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#44
 Dimethylphthalate
 Concen: 14.688 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BN002975.D
 Acq: 05 Oct 2018 22:30

Tgt Ion:163 Resp: 410524
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.5 5.3
 164 9.9 8.1 12.1





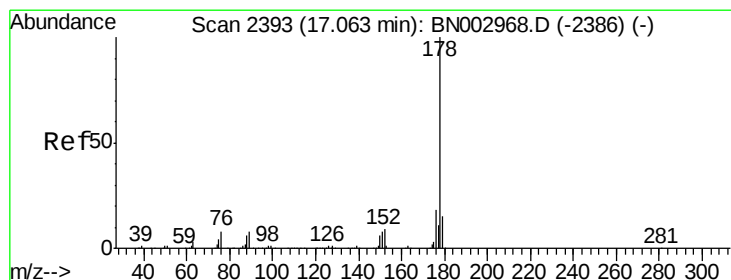
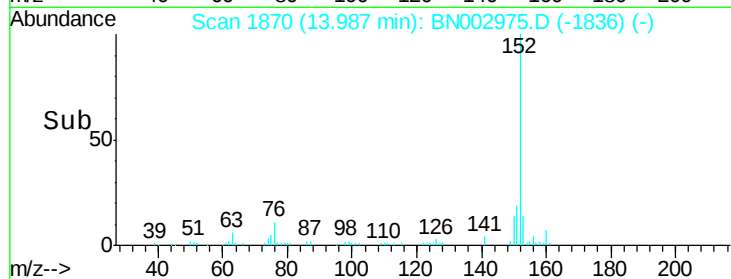
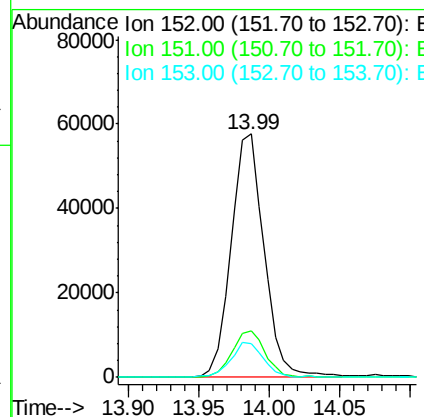
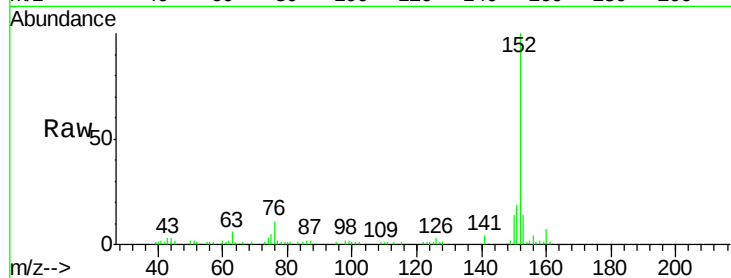
#47
Acenaphthylene
Concen: 2.678 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Instrument :
BNA_N
ClientSampleId :
A3Z10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	94081		
151	19.3	16.0	24.0	
153	13.6	10.6	16.0	

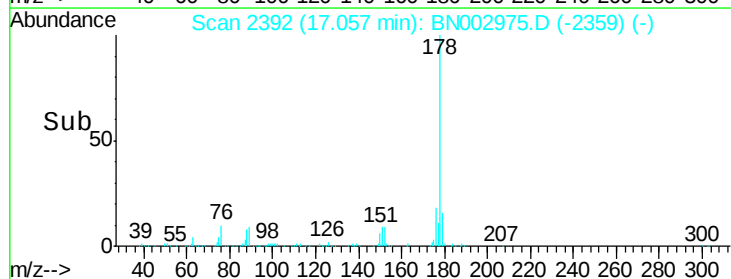
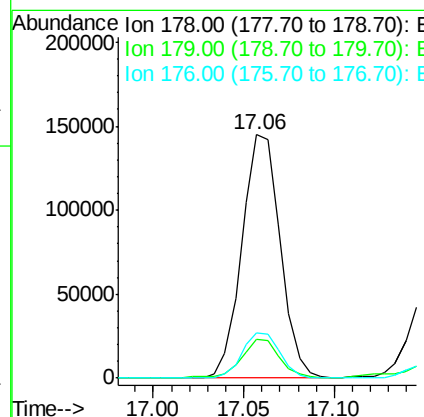
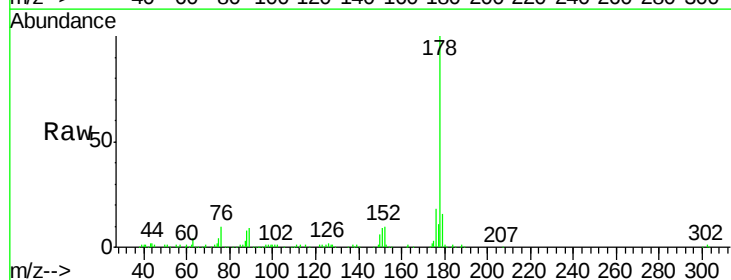
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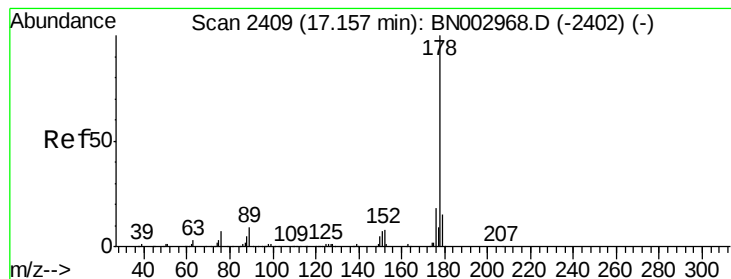
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#69
Phenanthrene
Concen: 4.770 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	211555		
179	15.7	12.2	18.4	
176	18.4	15.0	22.6	





#71

Anthracene

Concen: 1.741 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

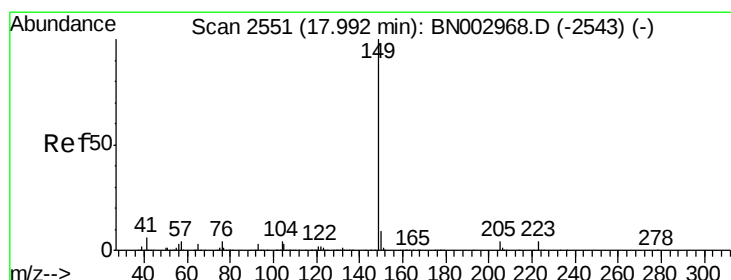
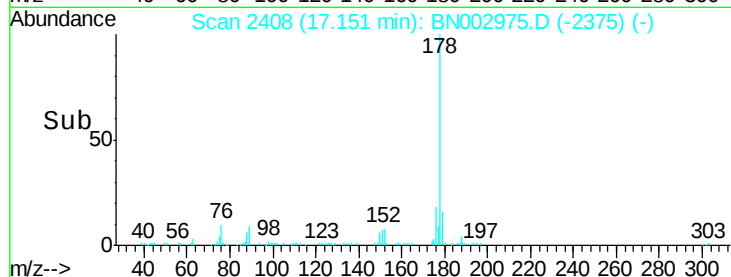
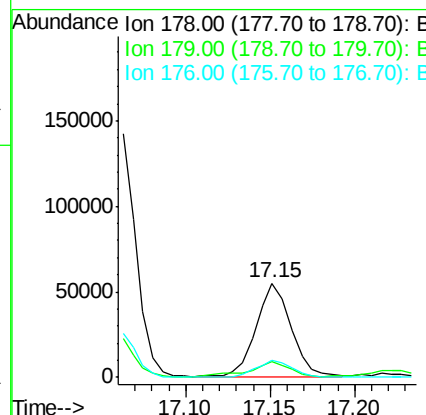
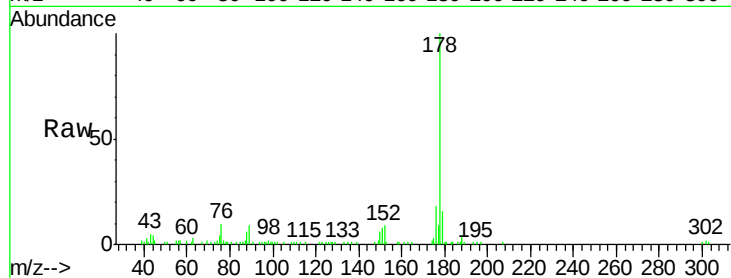
ClientSampleId :

A3Z10

Tgt Ion:	178	Resp:	78314
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.0	18.0
176	18.5	15.0	22.4

Manual Integrations
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#75

Di-n-butylphthalate

Concen: 1.148 ng/ul

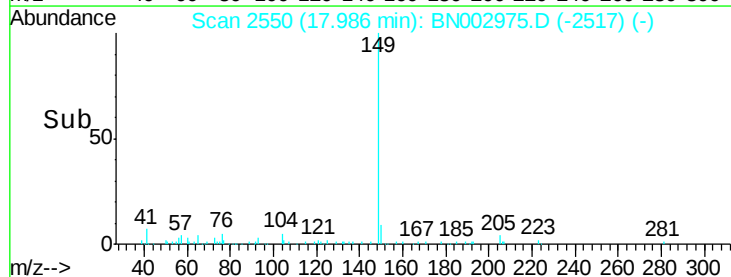
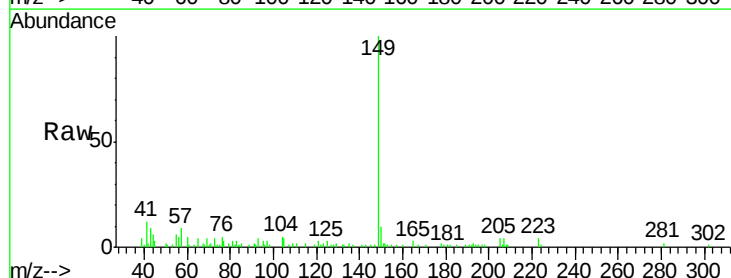
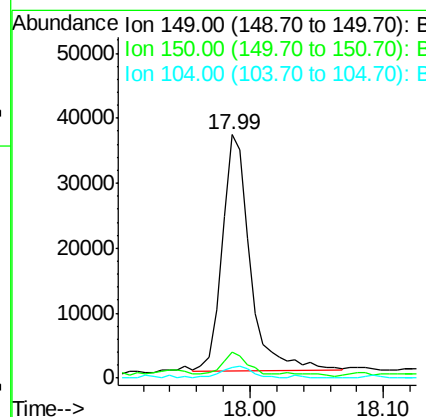
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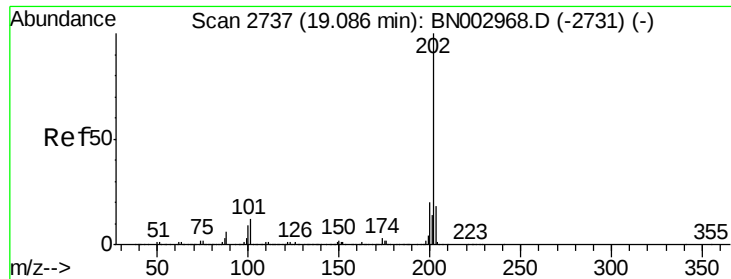
Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Tgt Ion:	149	Resp:	53165
Ion Ratio	Lower	Upper	
149	100		
150	10.4	7.3	10.9
104	4.6	3.7	5.5





#76

Fluoranthene

Concen: 14.033 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

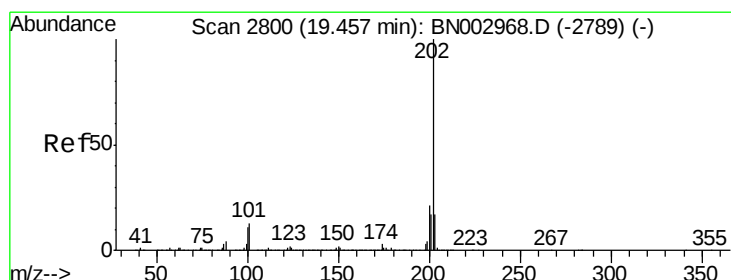
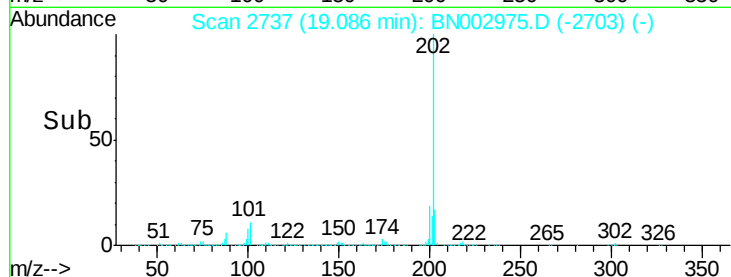
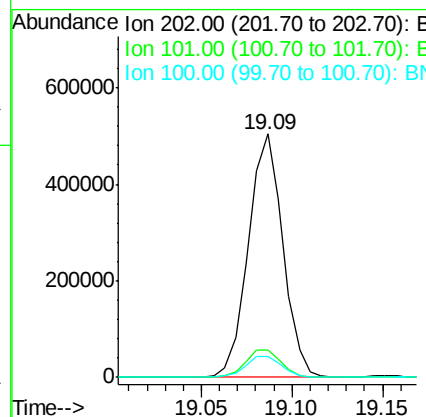
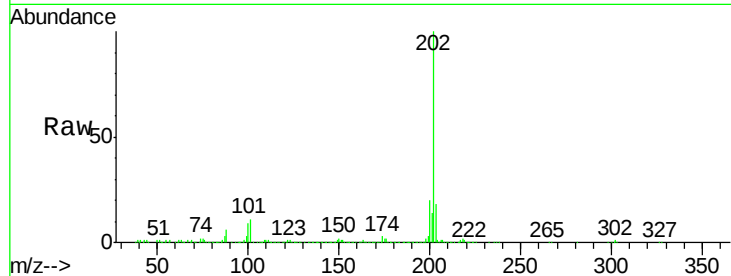
ClientSampleId :

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Tgt	Ion	202	Resp:	663943
	Ion	Ratio	Lower	Upper
202	100			
101	11.1	9.4	14.2	
100	8.5	7.0	10.6	

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#79

Pyrene

Concen: 11.519 ng/ul

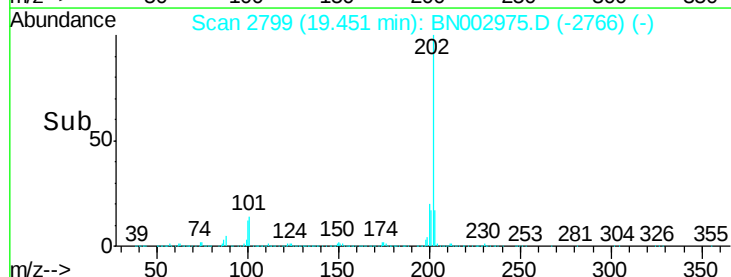
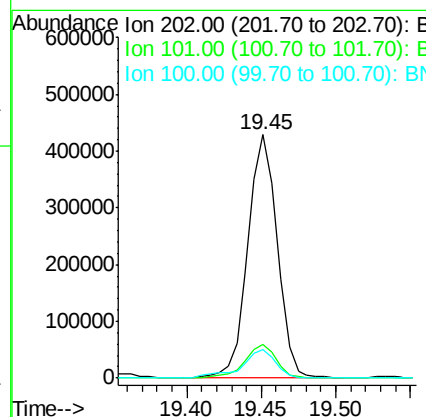
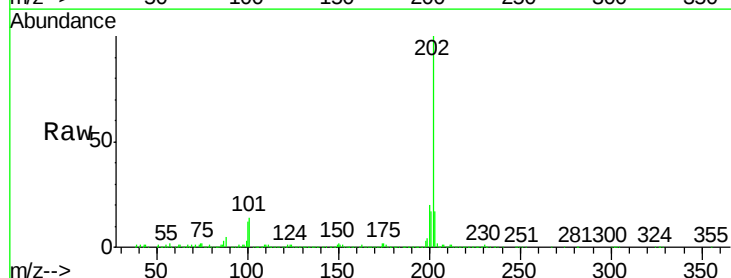
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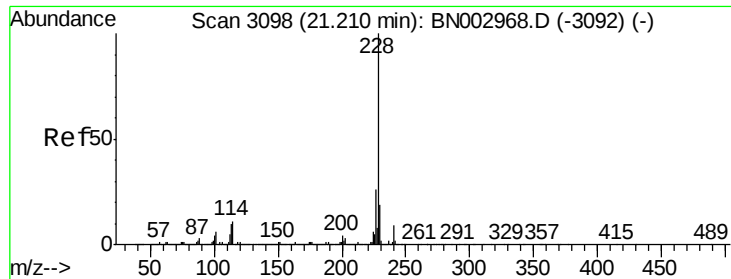
Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Tgt	Ion	202	Resp:	578065
	Ion	Ratio	Lower	Upper
202	100			
101	13.8	10.8	16.2	
100	11.6	8.2	12.2	





#82

Benzo(a)anthracene

Concen: 6.335 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

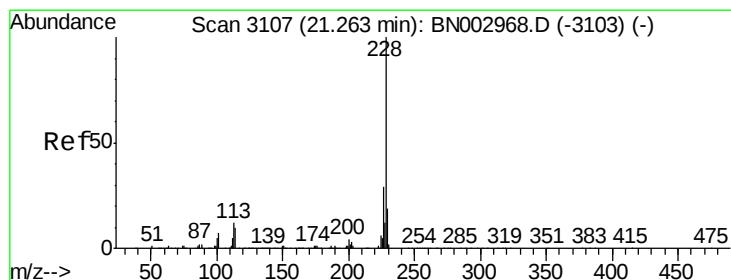
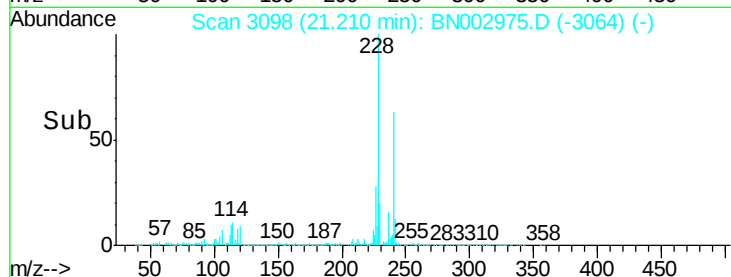
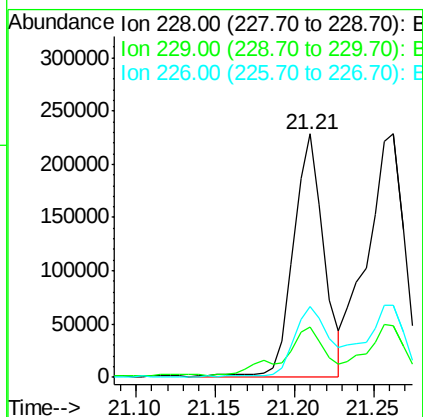
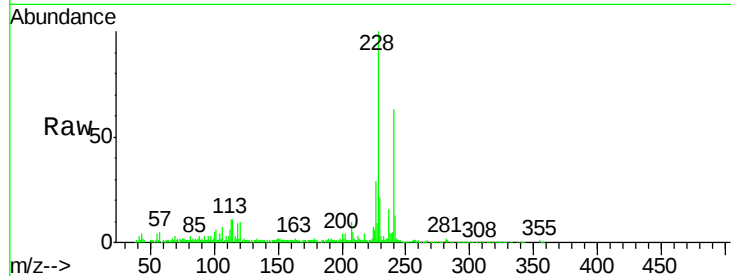
ClientSampleId :

A3Z10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	28.9	20.9	31.3

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#84

Chrysene

Concen: 8.295 ng/ul

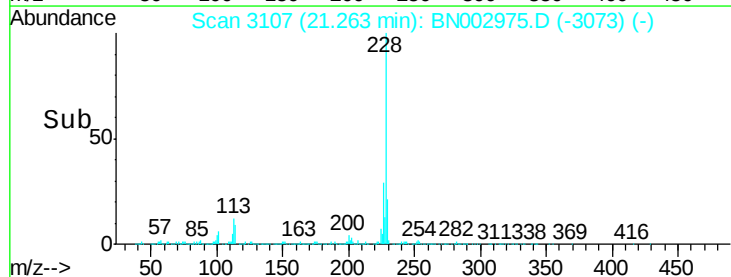
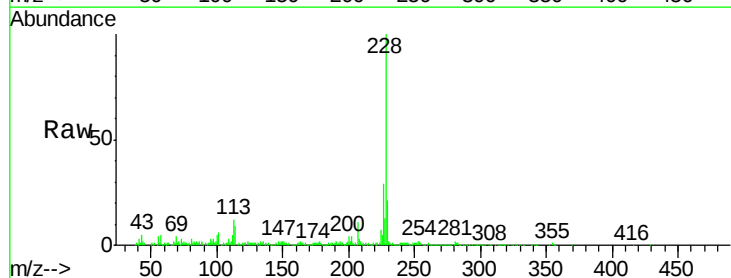
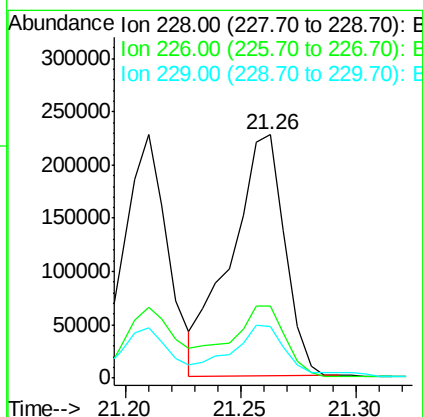
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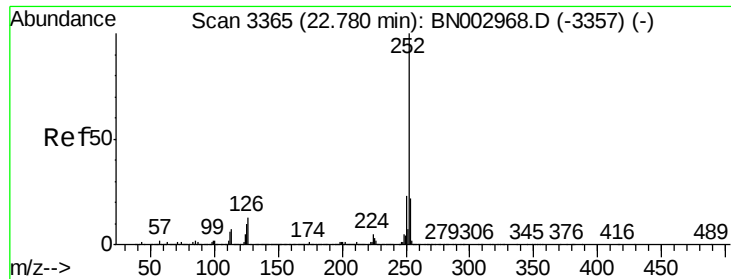
Delta R.T. 0.00 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	21.4	15.7	23.5





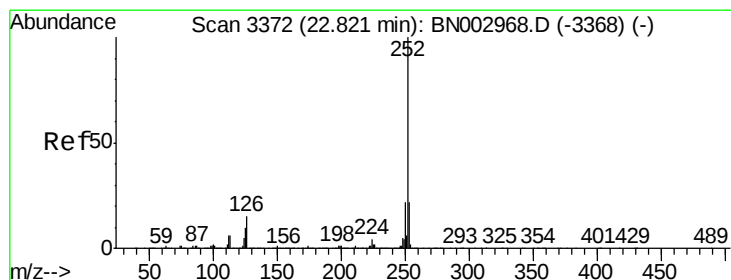
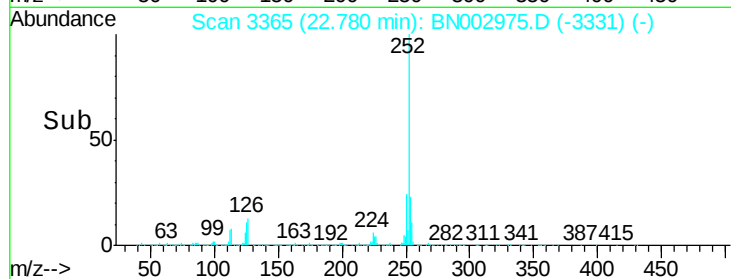
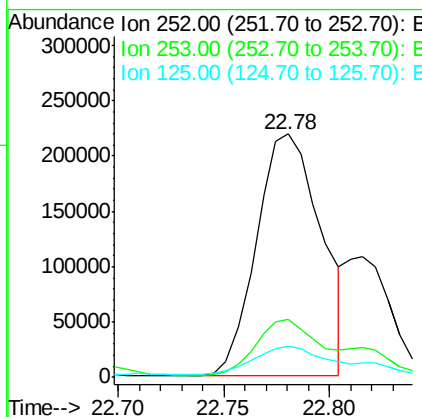
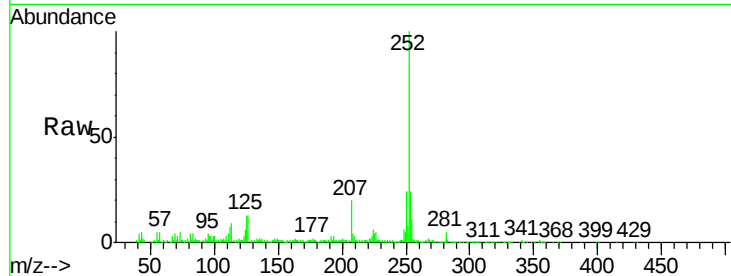
#87
Benzo(b)fluoranthene
Concen: 12.899 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Instrument :
BNA_N
ClientSampled :
A3Z10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.4
125	12.7	8.0	12.0

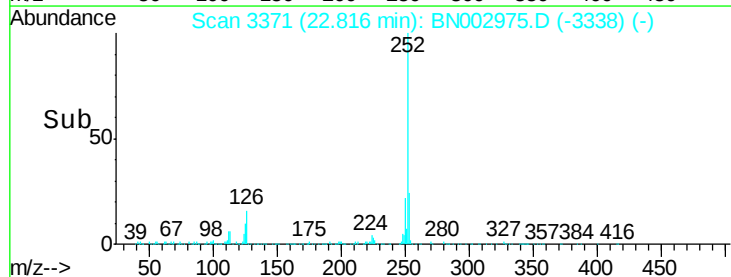
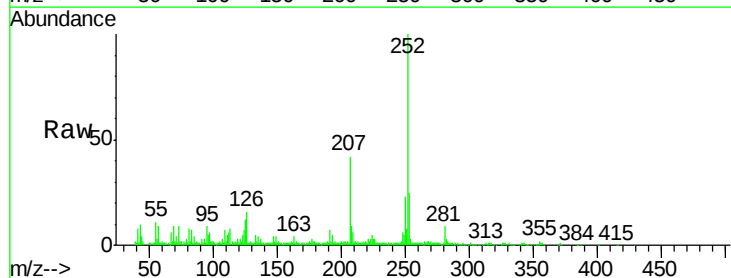
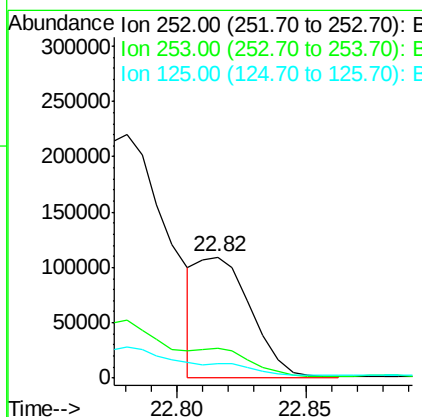
Manual Integrations
APPROVED

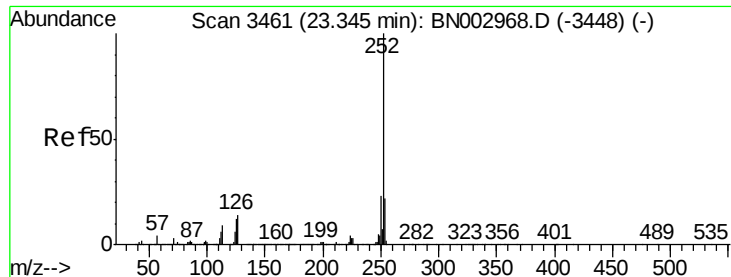
Sohil
10/8/2018 5:53:43 PM



#88
Benzo(k)fluoranthene
Concen: 4.643 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	12.0	8.3	12.5





#90

Benzo(a)pyrene

Concen: 6.400 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Instrument :

BNA_N

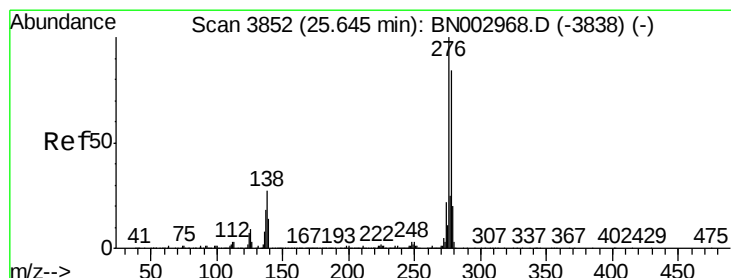
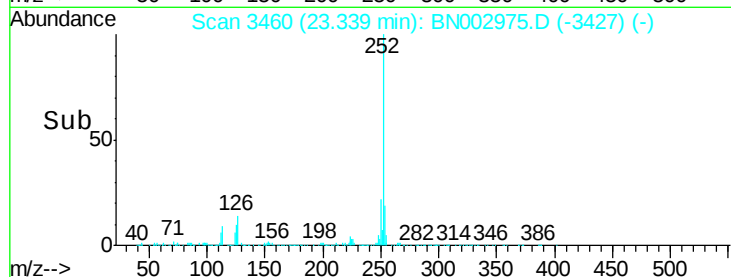
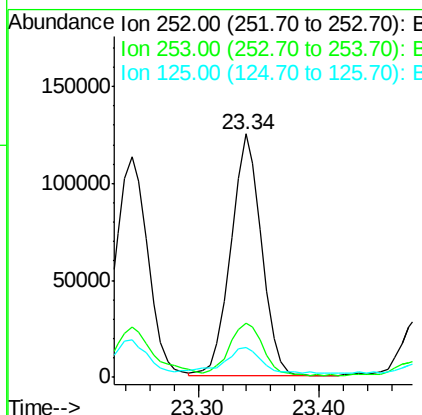
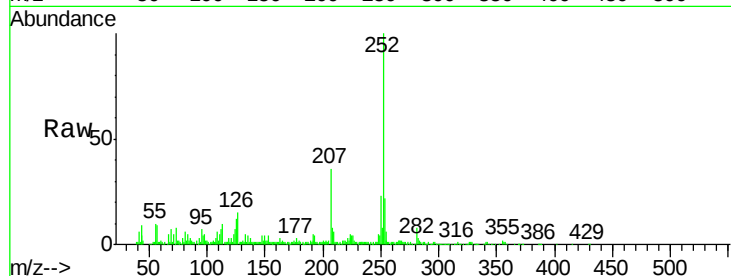
ClientSampled :

A3Z10

Tgt Ion:	252	Resp:	218306
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	12.1	8.8	13.2

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#91

Indeno(1,2,3-cd)pyrene

Concen: 4.393 ng/ul

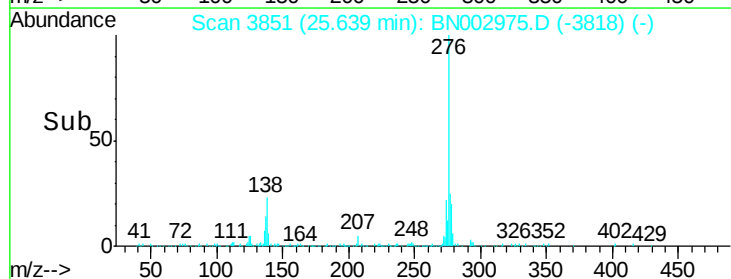
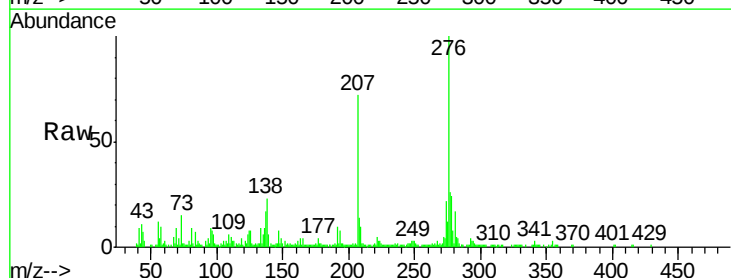
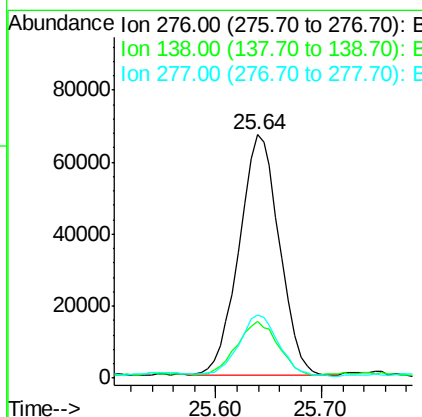
RT: 25.64 min Scan# 3851

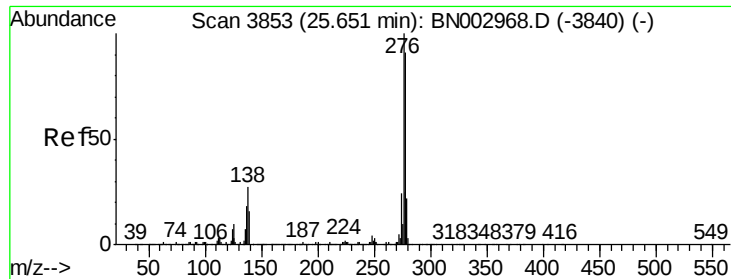
Delta R.T. -0.01 min

Lab File: BN002975.D

Acq: 05 Oct 2018 22:30

Tgt Ion:	276	Resp:	177428
Ion Ratio	Lower	Upper	
276	100		
138	23.5	20.2	30.4
277	26.0	20.0	30.0





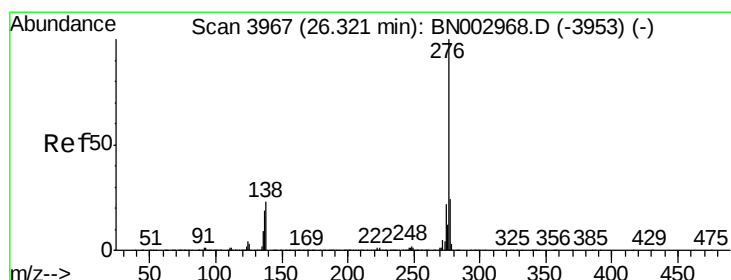
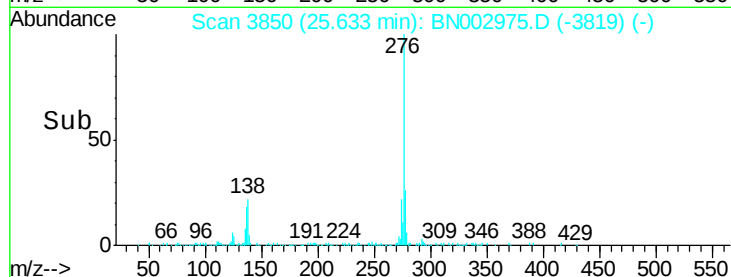
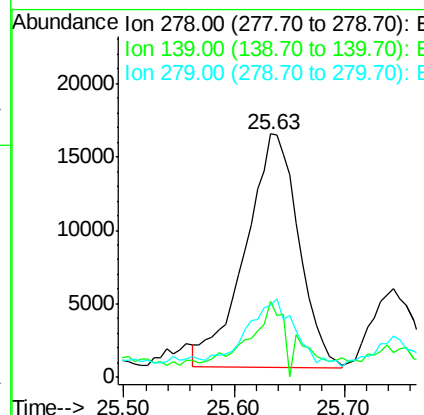
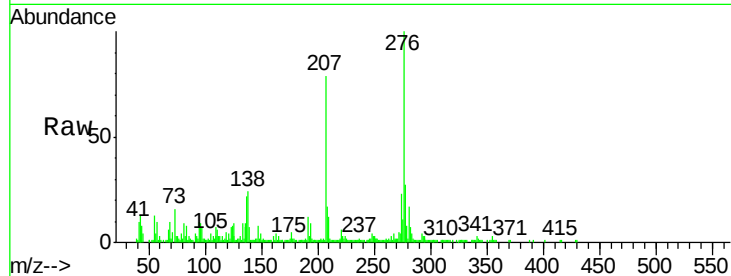
#92
Dibenzo(a,h)anthracene
Concen: 1.580 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. -0.02 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Instrument :
BNA_N
ClientSampleId :
A3Z10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.2	12.7	19.1#
279	29.7	18.7	28.1#

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 4.484 ng/ul
RT: 26.32 min Scan# 3966
Delta R.T. -0.01 min
Lab File: BN002975.D
Acq: 05 Oct 2018 22:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.2	27.2
277	24.0	18.6	28.0

