

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002970.D
 Acq On : 05 Oct 2018 19:35
 Operator : MJ/SJ
 Sample : J5230-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z07

Manual Integrations
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Sohil
 10/8/2018 5:53:34 PM

Quant Time: Oct 06 03:39:27 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	130813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	604810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	364248	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	810687	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	767542	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	580860	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	11573	4.08	ng/uL	0.00
5) Phenol-d5	6.82	99	271229	24.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	171147	24.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	224970	24.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	218799	25.43	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	118525	25.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	145678	27.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	242708	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	285424	25.78	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	777991	27.29	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	967944	26.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	102689	21.78	ng/ul	0.00
57) Fluorene-d10	15.26	176	670760	26.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	103945	20.50	ng/ul	0.00
70) Anthracene-d10	17.12	188	1006645	26.01	ng/ul	0.00
78) Pyrene-d10	19.42	212	1070996	26.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	813738	26.61	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.85	94	46261	4.130	ng/ul	97
44) Dimethylphthalate	13.73	163	229101	8.233	ng/ul	99
47) Acenaphthylene	13.99	152	136274	3.896	ng/ul	100
69) Phenanthrene	17.06	178	283643	6.350	ng/ul	99
71) Anthracene	17.15	178	129444	2.858	ng/ul	98
75) Di-n-butylphthalate	17.99	149	182841	3.921	ng/ul	99
76) Fluoranthene	19.09	202	1078780	22.641	ng/ul	99
79) Pyrene	19.45	202	948364	18.688	ng/ul	97
82) Benzo(a)anthracene	21.21	228	497606	10.422	ng/ul	98
84) Chrysene	21.26	228	571444	12.768	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	736003	20.748	ng/ul	96
88) Benzo(k)fluoranthene	22.82	252	198600m	6.001	ng/ul	
90) Benzo(a)pyrene	23.34	252	328684	9.801	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	234839	5.915	ng/ul	96
92) Dibenzo(a,h)anthracene	25.64	278	67314	2.012	ng/ul#	87
93) Benzo(g,h,i)perylene	26.32	276	190217	5.731	ng/ul	98

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

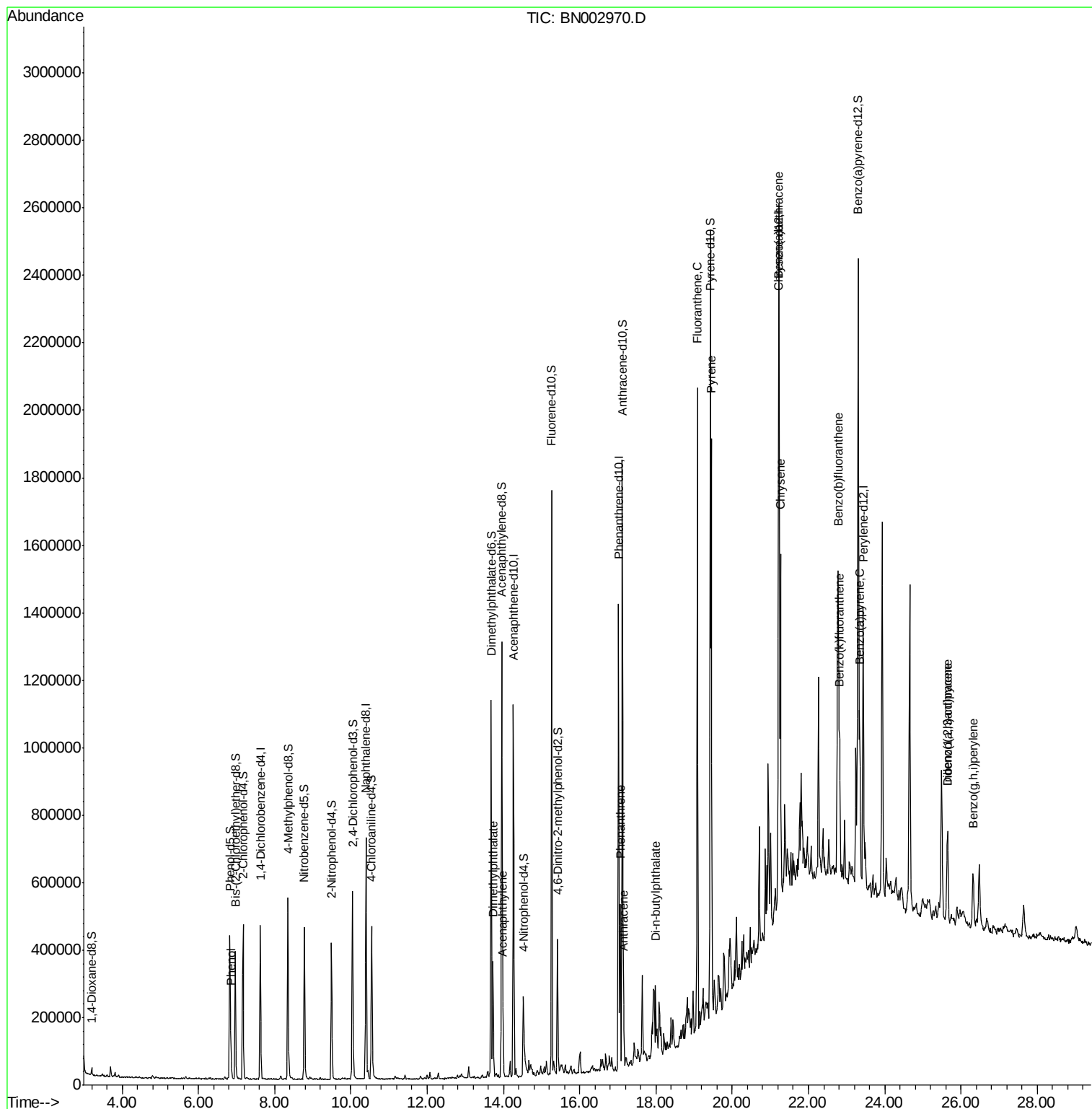
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002970.D
Acq On : 05 Oct 2018 19:35
Operator : MJ/SJ
Sample : J5230-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

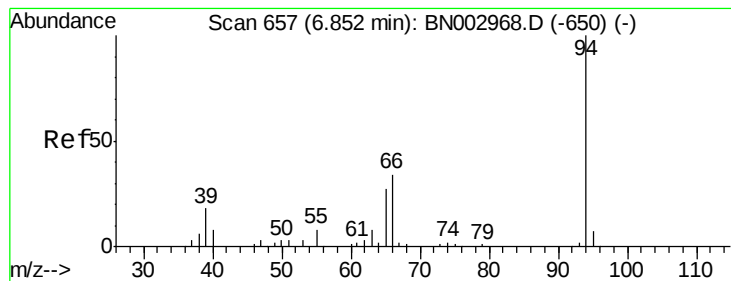
Instrument :
BNA_N
ClientSampled :
A3Z07

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Quant Time: Oct 06 03:39:27 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





#6

Phenol

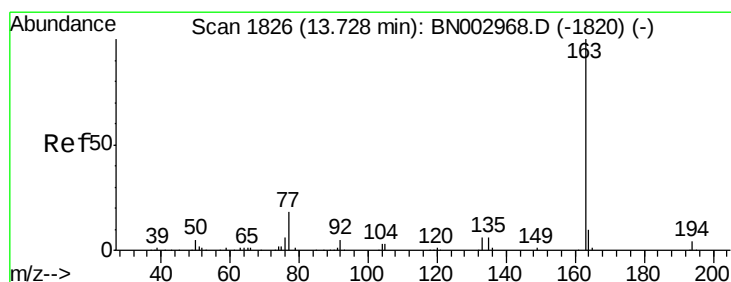
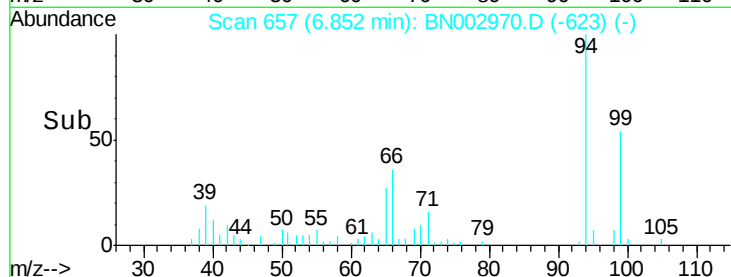
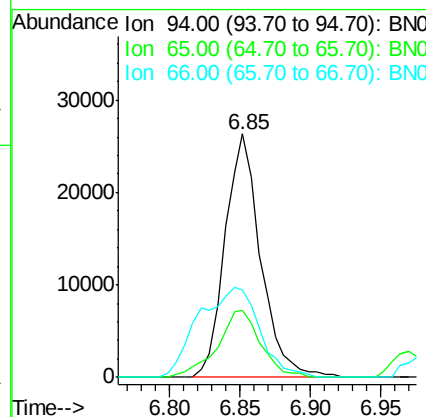
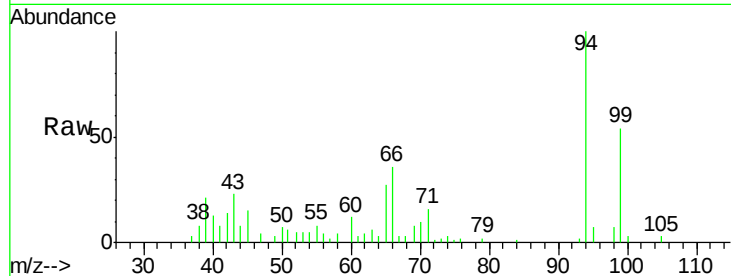
Concen: 4.130 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BN002970.D
 Acq: 05 Oct 2018 19:35

Instrument :
 BNA_N
 ClientSampleId :
 A3Z07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	23.1	34.7
66	35.8	29.8	44.6

Manual Integrations
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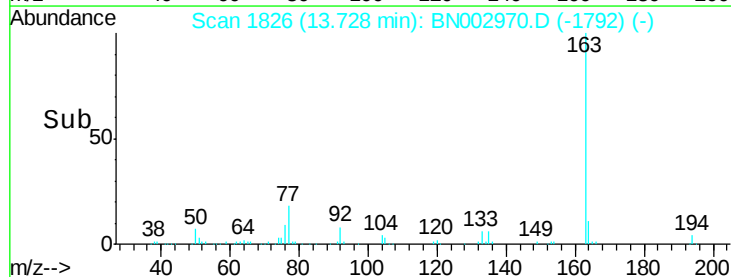
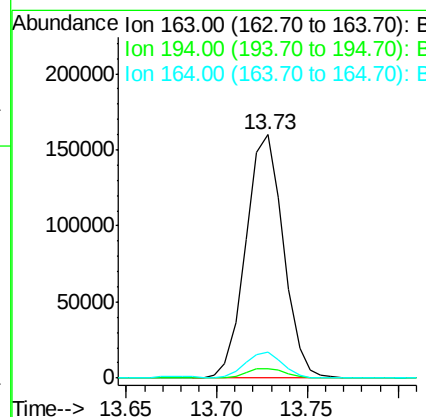
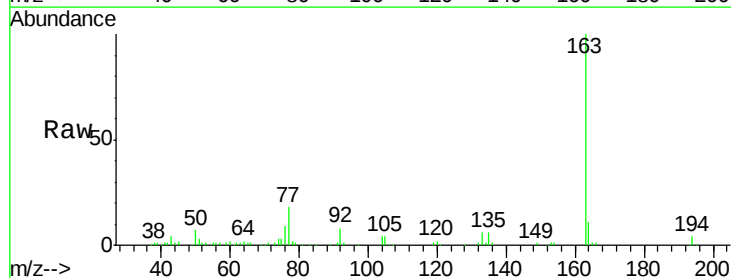


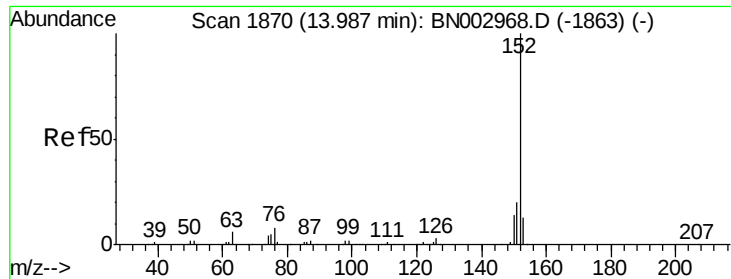
#44

Dimethylphthalate

Concen: 8.233 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BN002970.D
 Acq: 05 Oct 2018 19:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.6	8.1	12.1





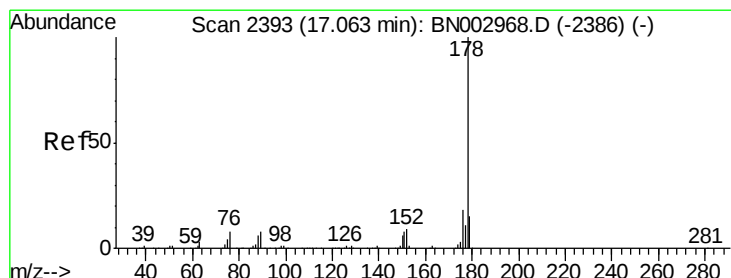
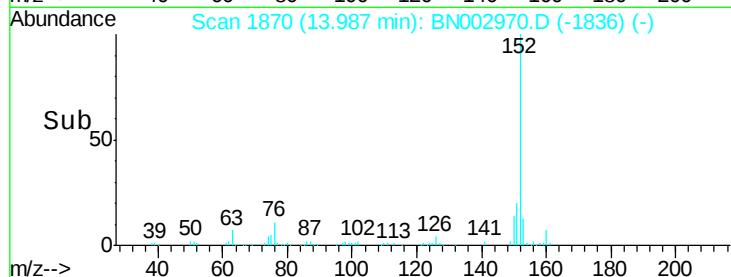
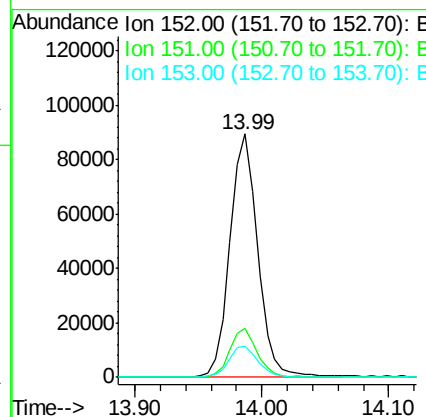
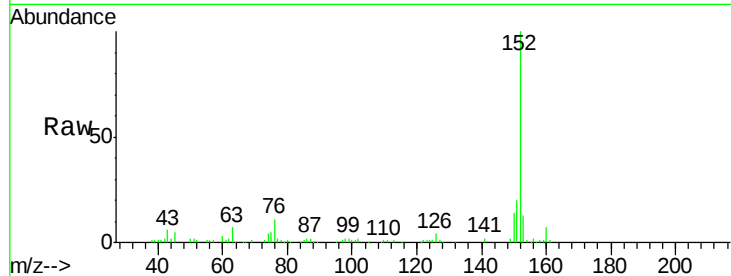
#47
Acenaphthylene
Concen: 3.896 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BN002970.D
Acq: 05 Oct 2018 19:35

Instrument :
BNA_N
ClientSampleId :
A3Z07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	136274		
151	20.1	16.0	24.0	
153	13.0	10.6	16.0	

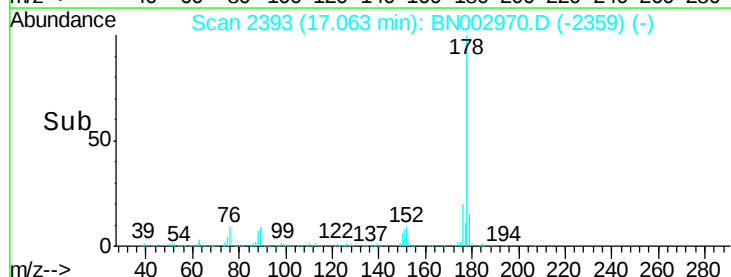
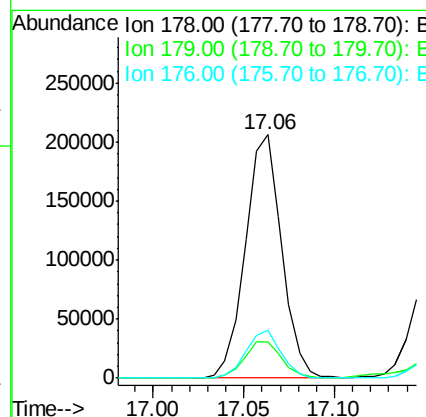
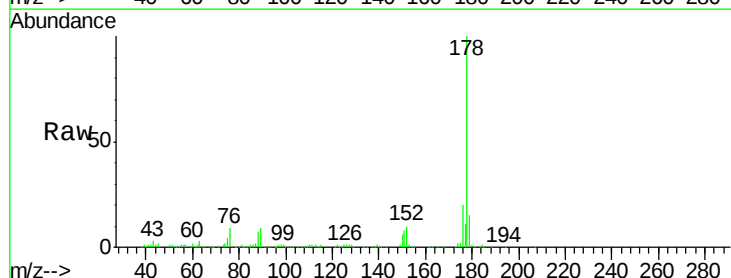
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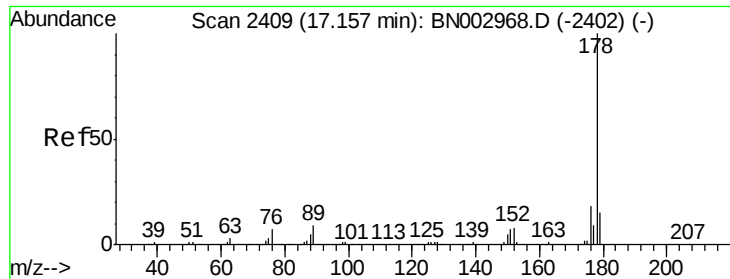
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#69
Phenanthrene
Concen: 6.350 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BN002970.D
Acq: 05 Oct 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	283643		
179	15.0	12.2	18.4	
176	19.5	15.0	22.6	





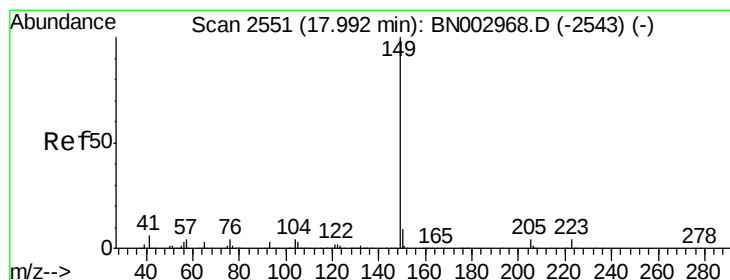
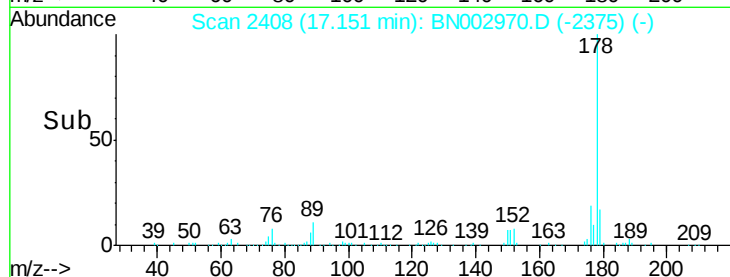
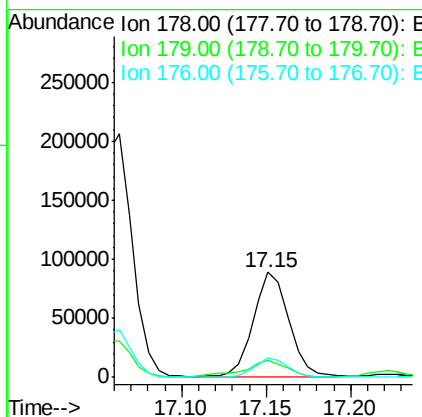
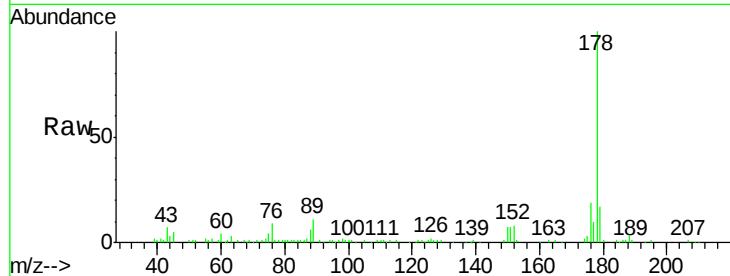
#71
 Anthracene
 Concen: 2.858 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN002970.D
 Acq: 05 Oct 2018 19:35

Instrument :
 BNA_N
 ClientSampleId :
 A3Z07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.0	18.0
176	18.7	15.0	22.4

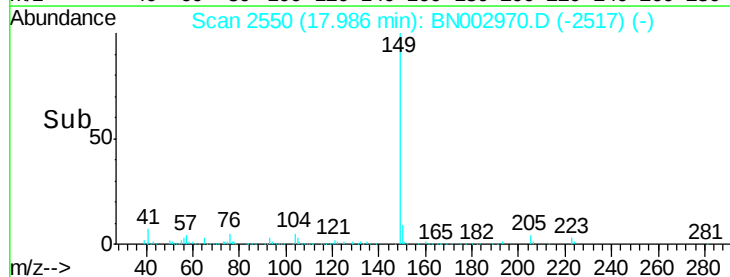
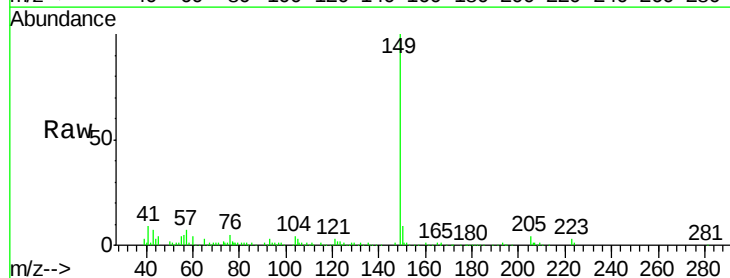
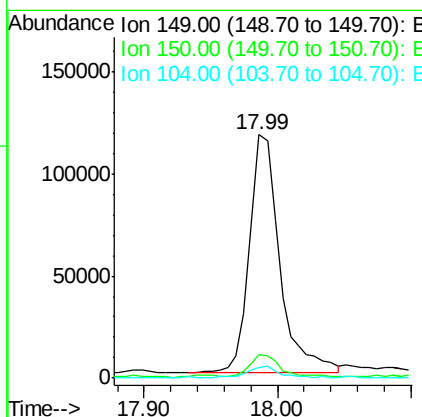
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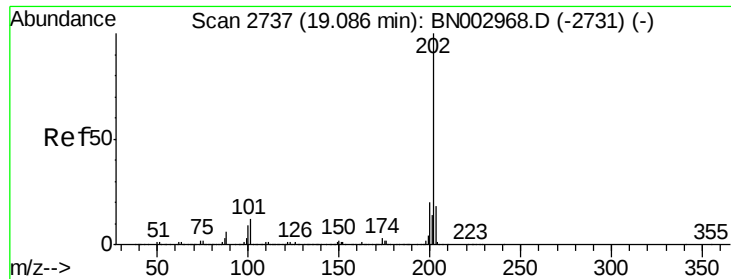
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#75
 Di-n-butylphthalate
 Concen: 3.921 ng/ul
 RT: 17.99 min Scan# 2550
 Delta R.T. -0.01 min
 Lab File: BN002970.D
 Acq: 05 Oct 2018 19:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.3	10.9
104	4.5	3.7	5.5





#76

Fluoranthene

Concen: 22.641 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BN002970.D

Acq: 05 Oct 2018 19:35

Instrument :

BNA_N

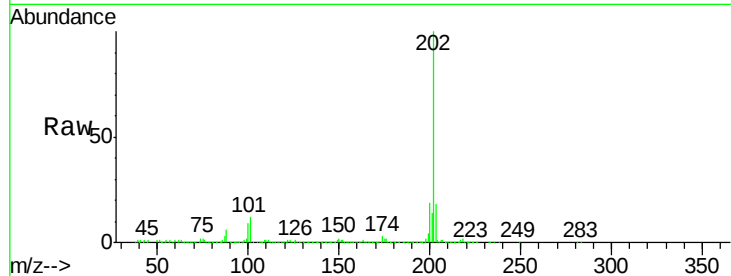
ClientSampled :

A3Z07

Tgt	Ion	202	Resp	1078780
Ion	Ratio	Lower	Upper	
202	100			
101	12.2	9.4	14.2	
100	9.3	7.0	10.6	

Manual Integrations
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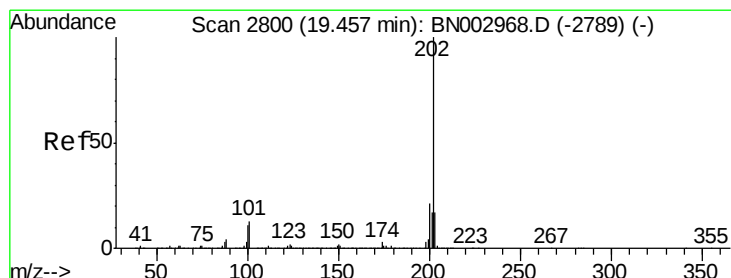
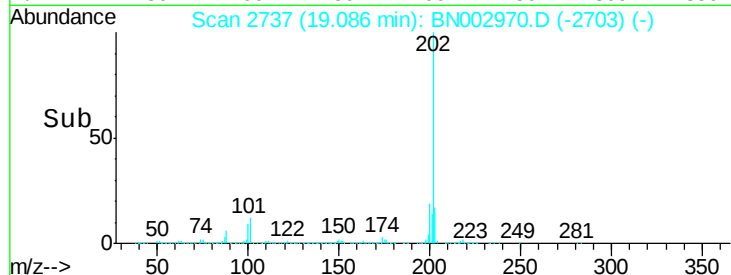
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.09

Time-->



#79

Pyrene

Concen: 18.688 ng/ul

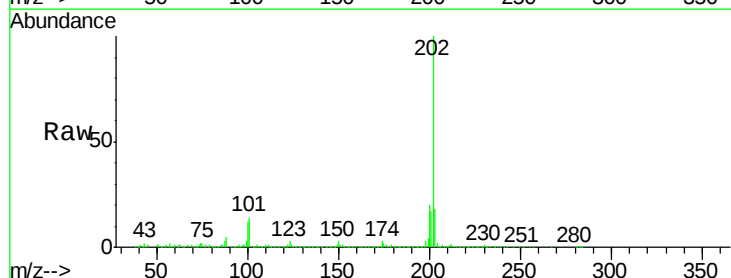
RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BN002970.D

Acq: 05 Oct 2018 19:35

Tgt	Ion	202	Resp	948364
Ion	Ratio	Lower	Upper	
202	100			
101	14.1	10.8	16.2	
100	11.6	8.2	12.2	



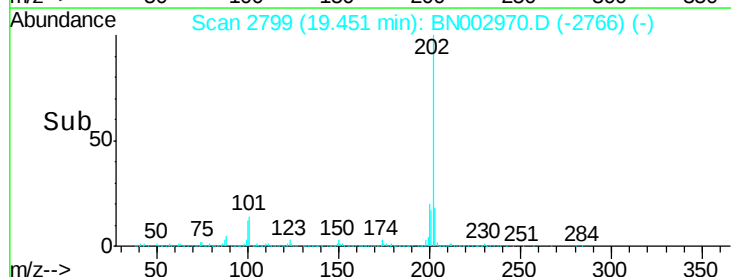
Abundance Ion 202.00 (201.70 to 202.70): E

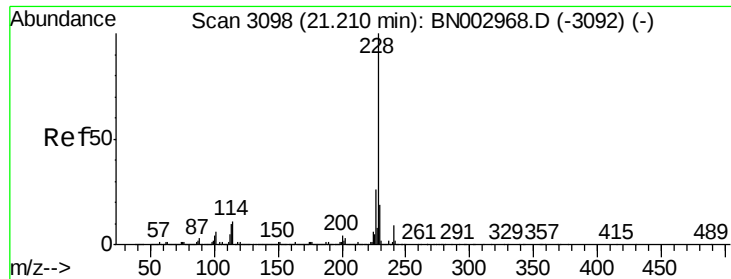
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Ion 100.00 (99.70 to 100.70): B

19.45

Time-->





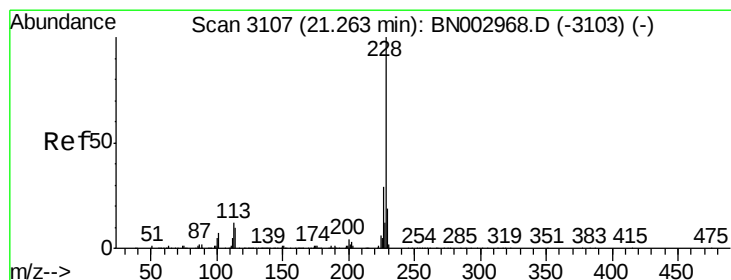
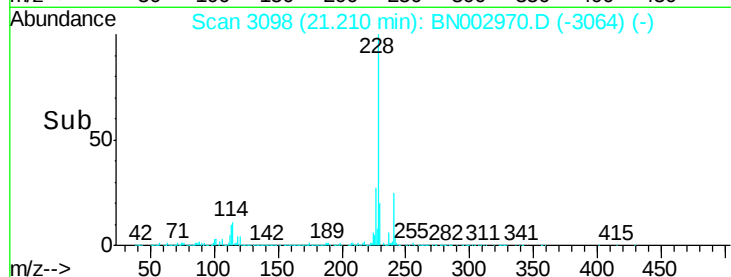
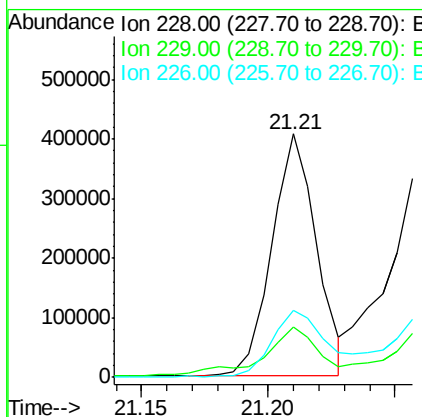
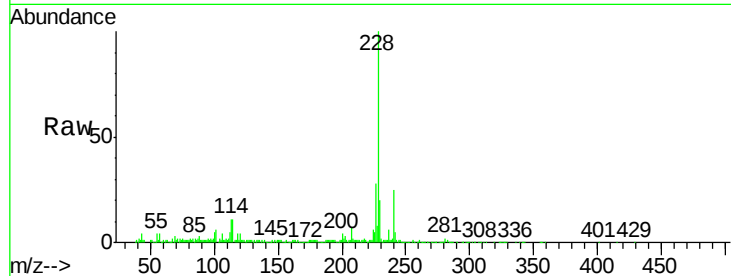
#82
Benzo(a)anthracene
Concen: 10.422 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BN002970.D
Acq: 05 Oct 2018 19:35

Instrument :
BNA_N
ClientSampled :
A3Z07

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	27.5	20.9	31.3

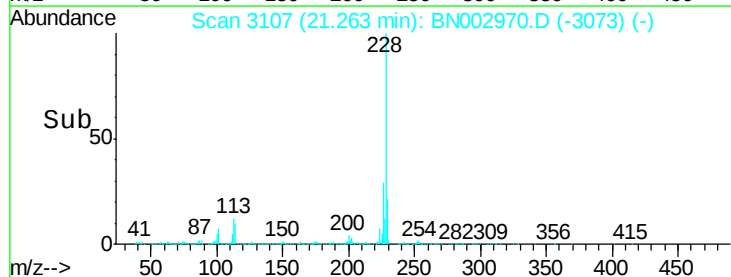
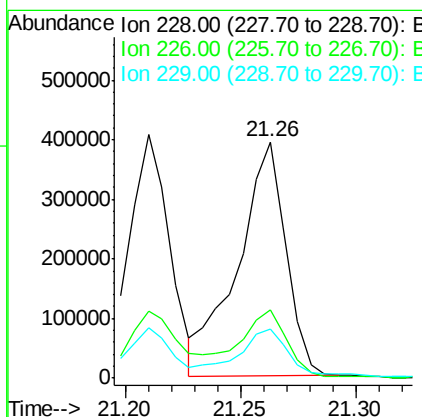
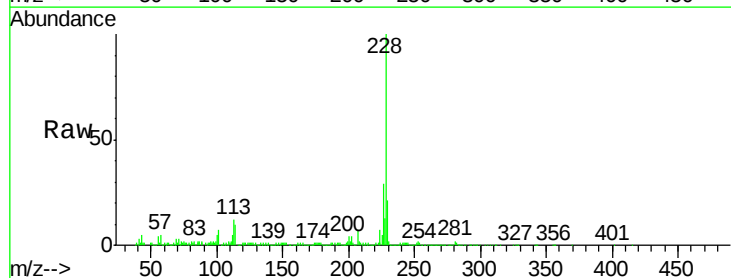
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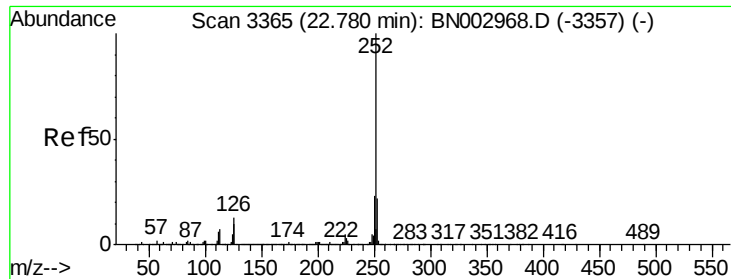
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#84
Chrysene
Concen: 12.768 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BN002970.D
Acq: 05 Oct 2018 19:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.0
229	21.0	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 20.748 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BN002970.D

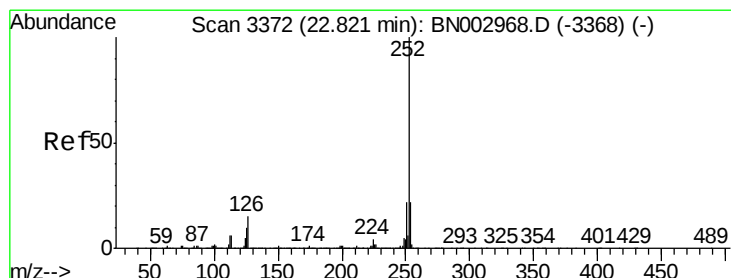
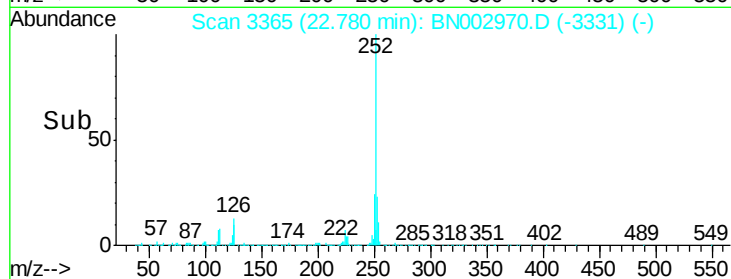
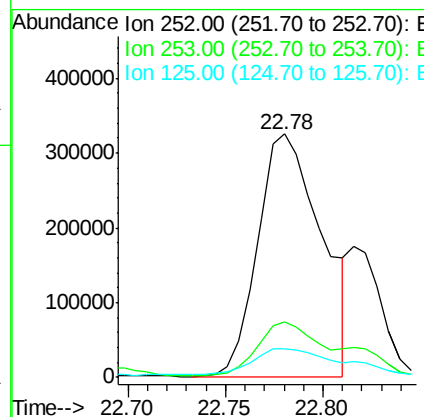
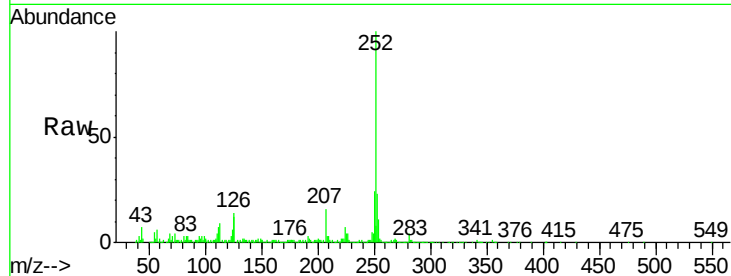
Acq: 05 Oct 2018 19:35

Instrument :
BNA_N
ClientSampled :
A3Z07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	11.5	8.0	12.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 6.001 ng/ul m

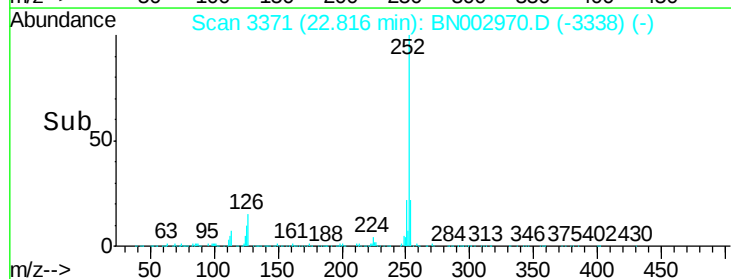
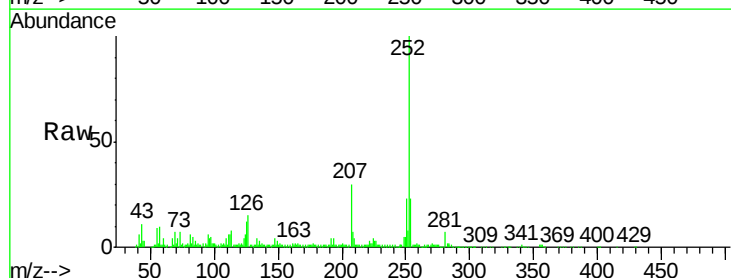
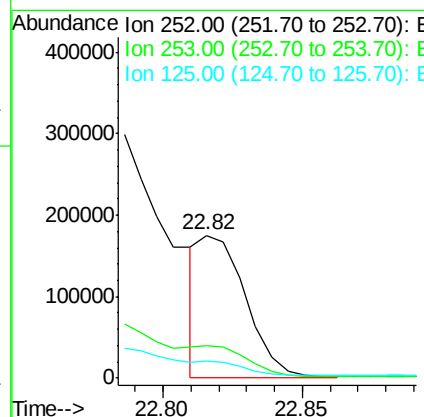
RT: 22.82 min Scan# 3371

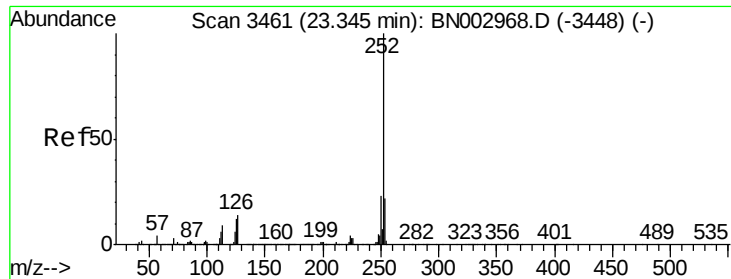
Delta R.T. -0.01 min

Lab File: BN002970.D

Acq: 05 Oct 2018 19:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.7	8.3	12.5





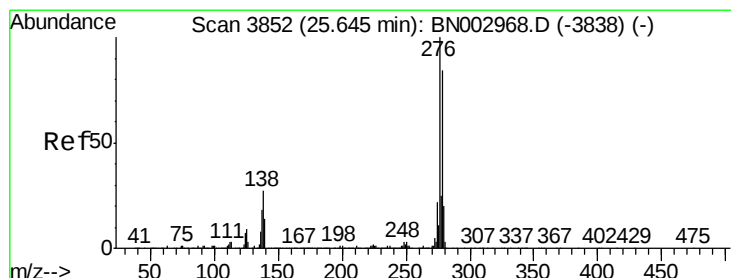
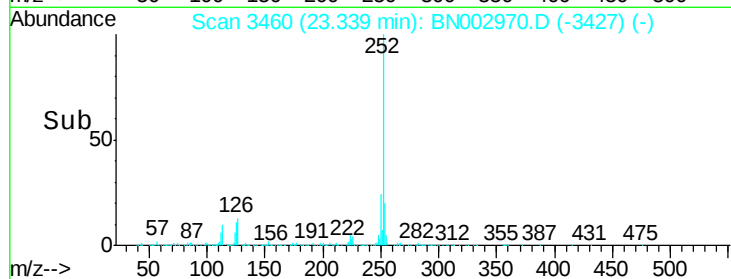
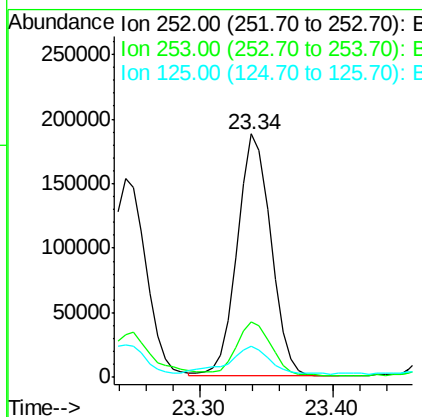
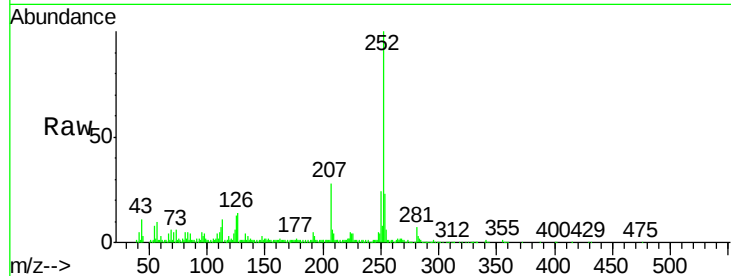
#90
Benzo(a)pyrene
Concen: 9.801 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BN002970.D
Acq: 05 Oct 2018 19:35

Instrument :
BNA_N
ClientSampled :
A3Z07

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	328684		
253	22.8	17.6	26.4	
125	12.6	8.8	13.2	

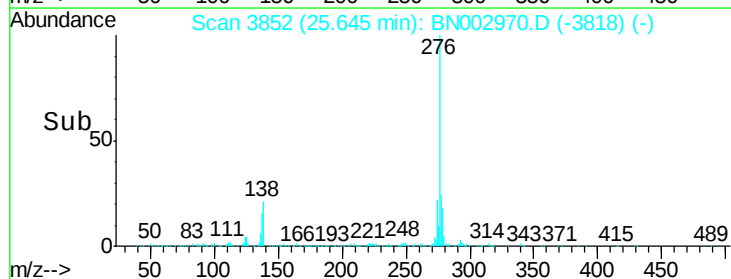
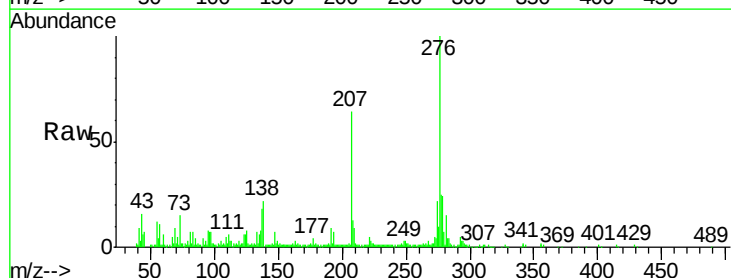
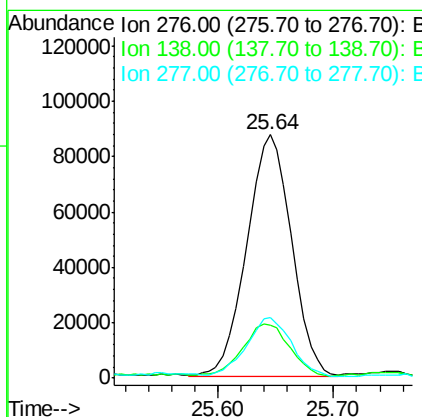
Manual Integrations
APPROVED

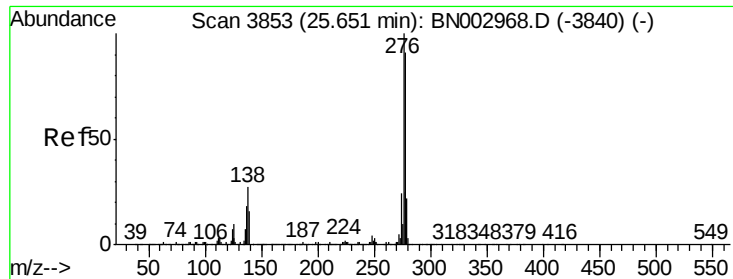
Sohil
10/8/2018 5:53:34 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 5.915 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. 0.00 min
Lab File: BN002970.D
Acq: 05 Oct 2018 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	234839		
138	21.6	20.2	30.4	
277	24.7	20.0	30.0	





#92

Dibenzo(a,h)anthracene

Concen: 2.012 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN002970.D

Acq: 05 Oct 2018 19:35

Instrument :

BNA_N

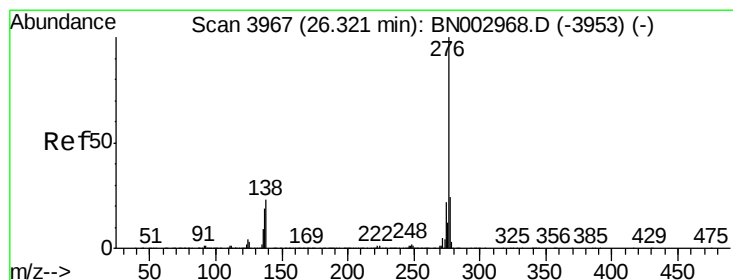
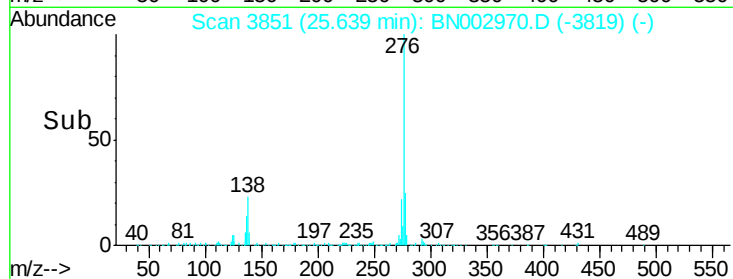
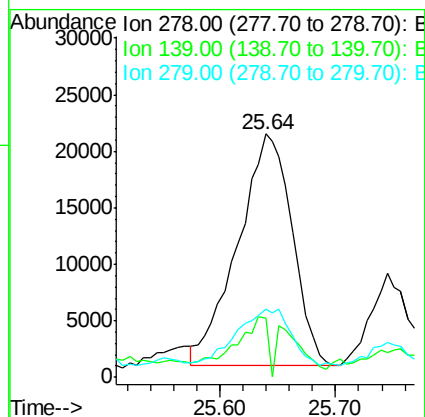
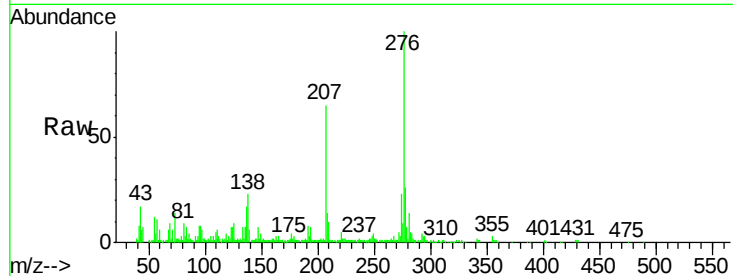
ClientSampled :

A3Z07

Tgt Ion:	278	Resp:	67314
Ion Ratio	Lower	Upper	
278	100		
139	24.2	12.7	19.1#
279	27.9	18.7	28.1

Manual Integrations
APPROVED

Sohil
10/8/2018 5:53:34 PM



#93

Benzo(g,h,i)perylene

Concen: 5.731 ng/ul

RT: 26.32 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BN002970.D

Acq: 05 Oct 2018 19:35

Tgt Ion:	276	Resp:	190217
Ion Ratio	Lower	Upper	
276	100		
138	23.6	18.2	27.2
277	23.9	18.6	28.0

