

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002971.D
 Acq On : 05 Oct 2018 20:10
 Operator : MJ/SJ
 Sample : J5230-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04

Manual Integrations
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Sohil
 10/8/2018 5:53:36 PM

Quant Time: Oct 06 03:42:21 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	137935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	645263	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	388387	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	862158	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	839272	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	646291	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	11253	3.76	ng/uL	0.00
5) Phenol-d5	6.82	99	269090	22.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	168656	23.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	225981	23.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	205611	22.66	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	118780	23.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	146462	25.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	245789	24.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	248007	20.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	770323	25.34	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	975475	24.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	97440	19.38	ng/ul	0.00
57) Fluorene-d10	15.26	176	672164	25.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	106559	19.76	ng/ul	0.00
70) Anthracene-d10	17.12	188	1001015	24.32	ng/ul	0.00
78) Pyrene-d10	19.42	212	1081475	24.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	848832	24.95	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.85	94	54463	4.611	ng/ul	98
44) Dimethylphthalate	13.73	163	245709	8.281	ng/ul	99
47) Acenaphthylene	13.99	152	76036	2.039	ng/ul	98
69) Phenanthrene	17.06	178	130239	2.742	ng/ul	99
71) Anthracene	17.15	178	57956	1.203	ng/ul	99
75) Di-n-butylphthalate	17.99	149	158144	3.189	ng/ul	99
76) Fluoranthene	19.09	202	496279	9.794	ng/ul	99
79) Pyrene	19.45	202	448189	8.077	ng/ul	97
82) Benzo(a)anthracene	21.21	228	258832	4.957	ng/ul	96
84) Chrysene	21.26	228	322316	6.586	ng/ul	98
87) Benzo(b)fluoranthene	22.78	252	422698	10.709	ng/ul#	96
88) Benzo(k)fluoranthene	22.82	252	102178m	2.775	ng/ul	
90) Benzo(a)pyrene	23.34	252	170949	4.581	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.64	276	130496	2.954	ng/ul	96
92) Dibenzo(a,h)anthracene	25.64	278	39368	1.058	ng/ul#	77
93) Benzo(g,h,i)perylene	26.32	276	105129	2.847	ng/ul	97

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

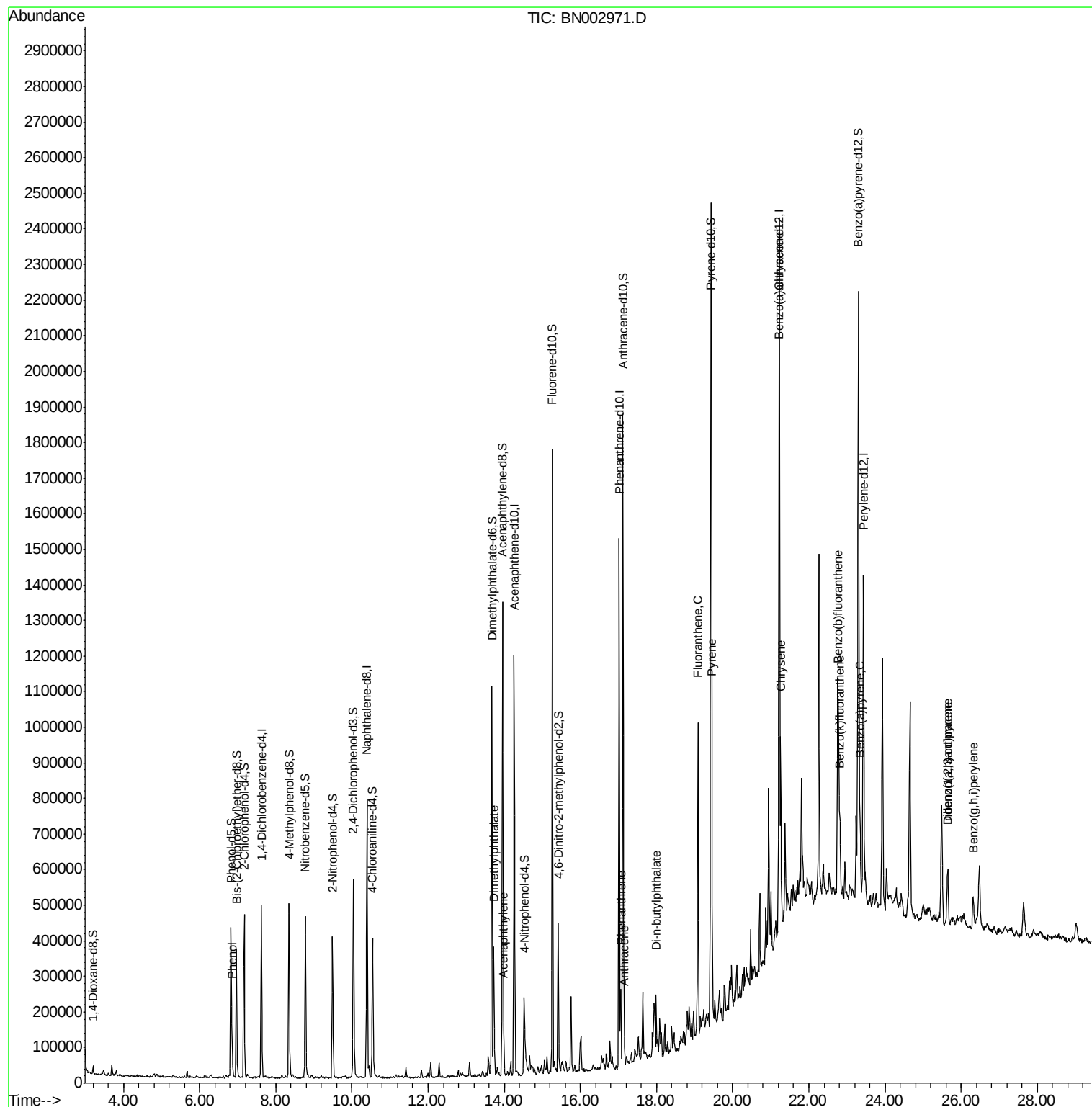
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002971.D
Acq On : 05 Oct 2018 20:10
Operator : MJ/SJ
Sample : J5230-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

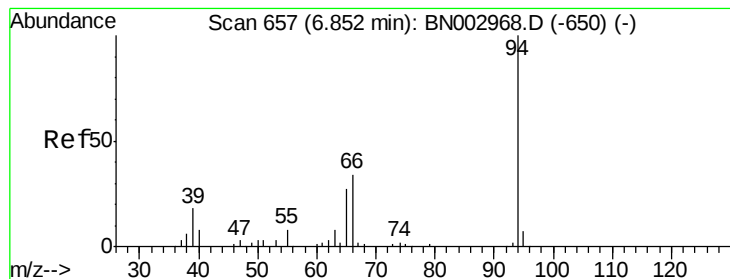
Instrument :
BNA_N
ClientSampleId :
A3Z04

Quant Time: Oct 06 03:42:21 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

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#6

Phenol

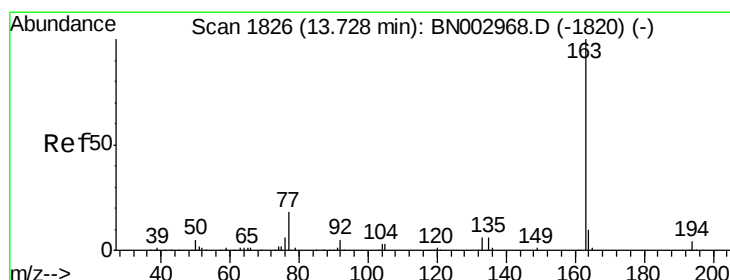
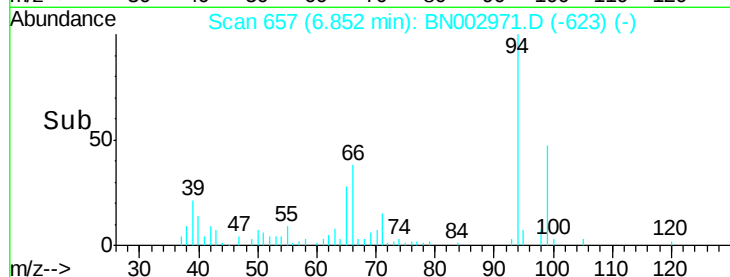
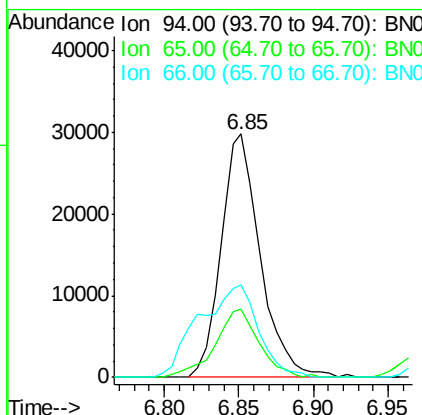
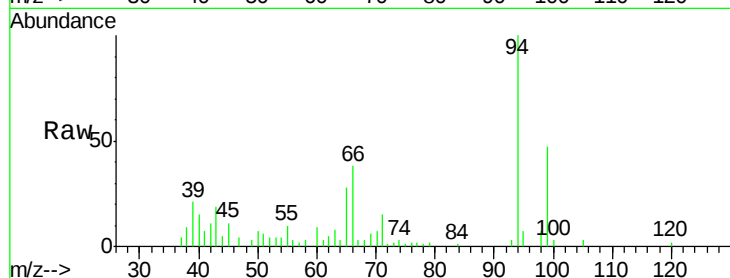
Concen: 4.611 ng/ul
 RT: 6.85 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BN002971.D
 Acq: 05 Oct 2018 20:10

Instrument :
 BNA_N
 ClientSampleId :
 A3Z04

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.1	34.7
66	38.3	29.8	44.6

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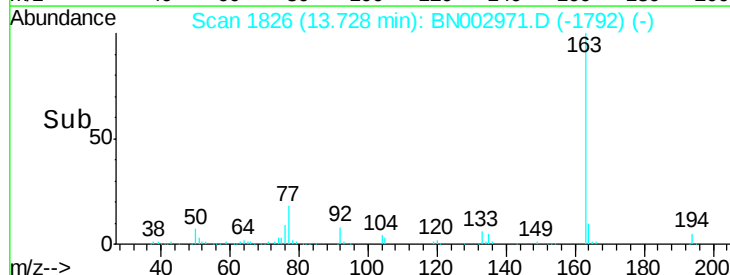
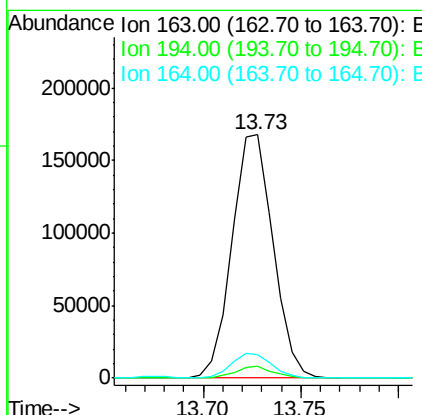
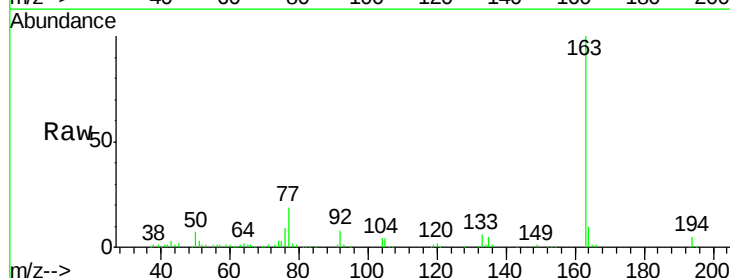


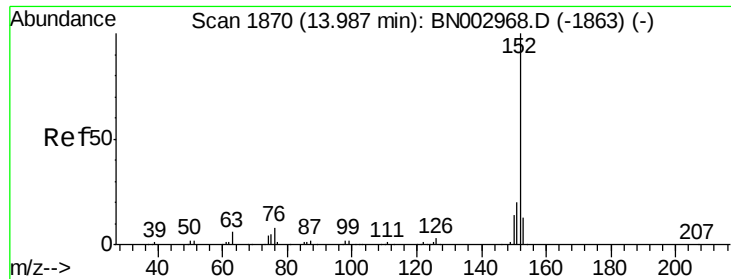
#44

Dimethylphthalate

Concen: 8.281 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BN002971.D
 Acq: 05 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.8	8.1	12.1





#47

Acenaphthylene

Concen: 2.039 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

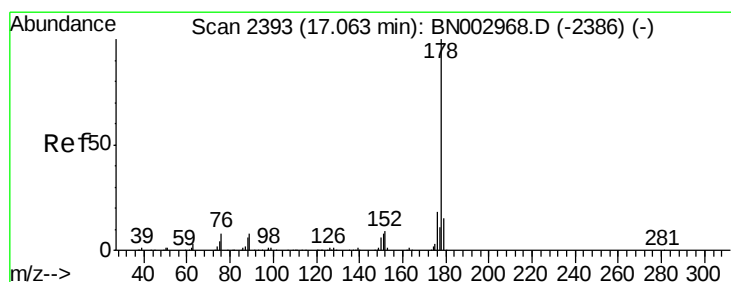
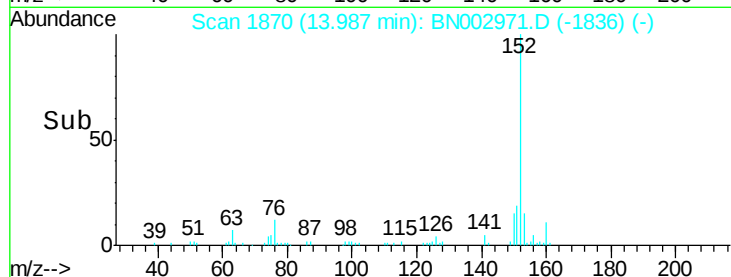
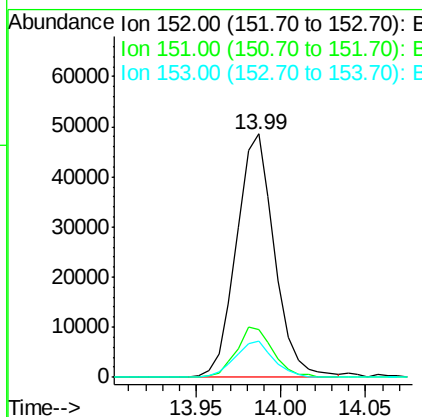
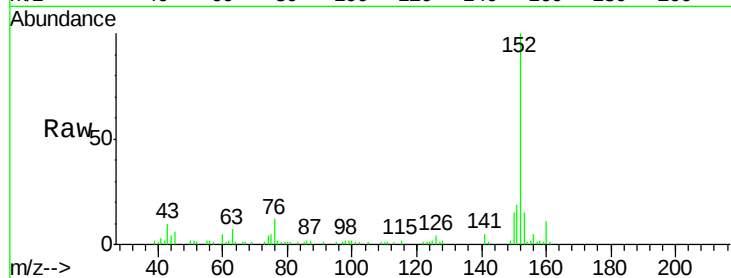
ClientSampleId :

A3Z04

Tgt Ion:	152	Resp:	76036
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.0	24.0
153	14.8	10.6	16.0

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#69

Phenanthrene

Concen: 2.742 ng/ul

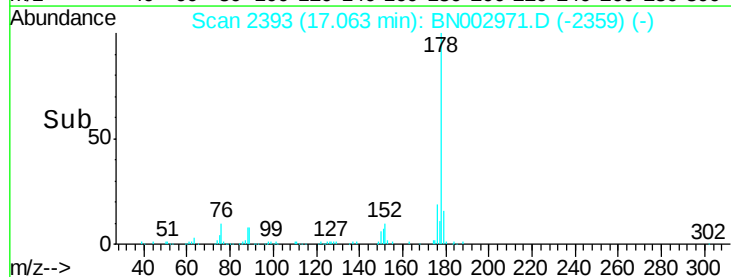
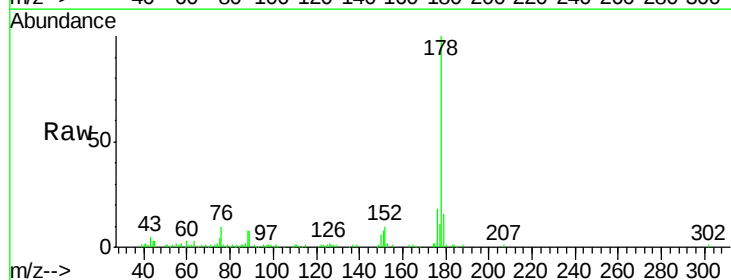
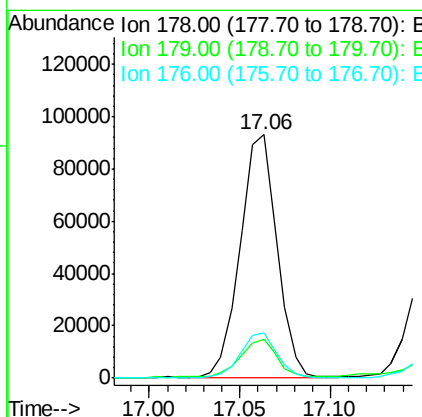
RT: 17.06 min Scan# 2393

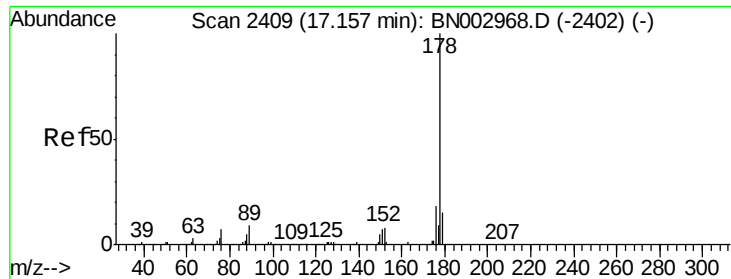
Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion:	178	Resp:	130239
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.4
176	18.5	15.0	22.6





#71

Anthracene

Concen: 1.203 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

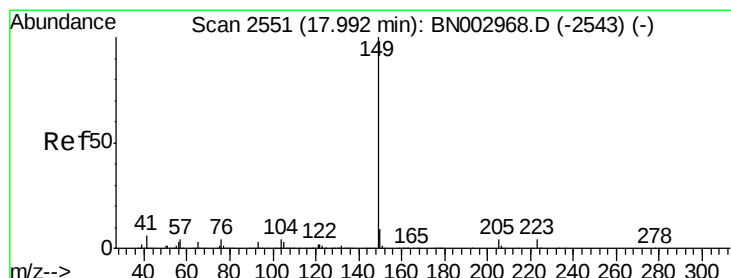
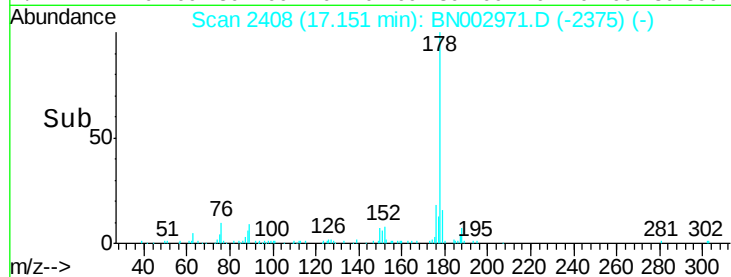
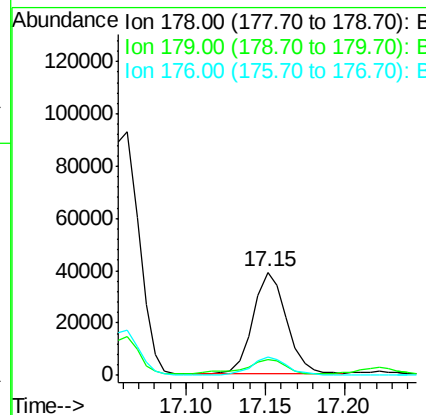
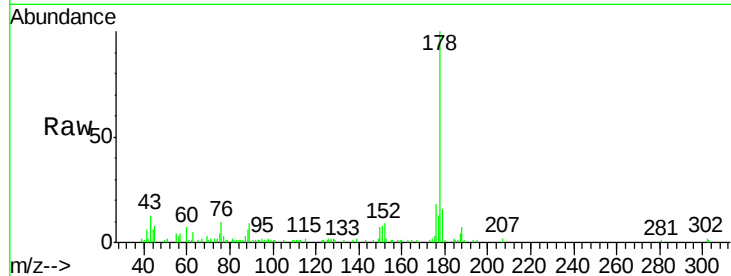
ClientSampleId :

A3Z04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	57956		
179	15.7		12.0	18.0
176	18.2		15.0	22.4

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#75

Di-n-butylphthalate

Concen: 3.189 ng/ul

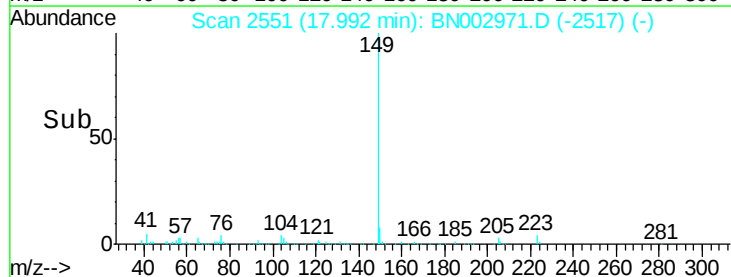
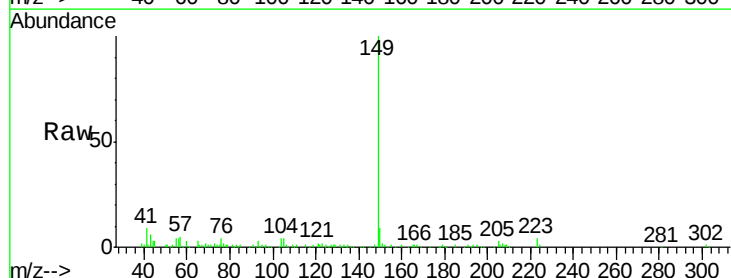
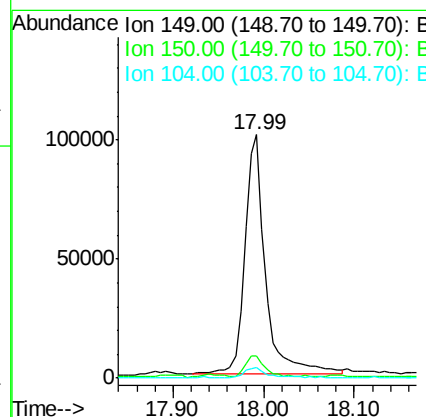
RT: 17.99 min Scan# 2551

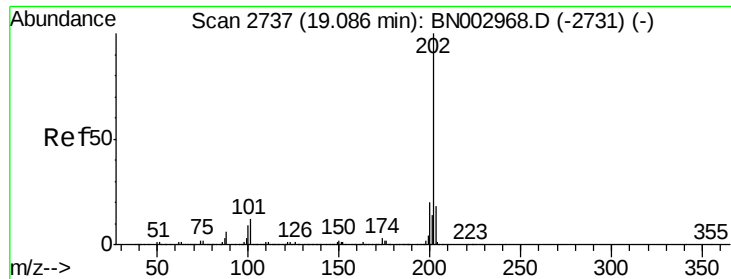
Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	158144		
150	8.9		7.3	10.9
104	4.2		3.7	5.5





#76

Fluoranthene

Concen: 9.794 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

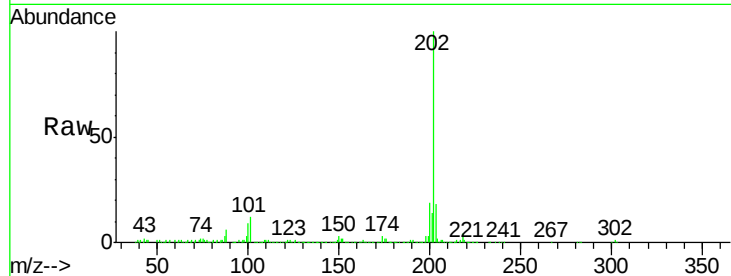
ClientSampled :

A3Z04

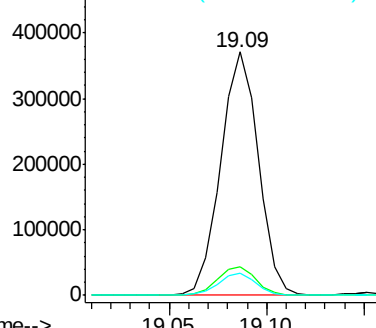
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		496279		
101	11.6	9.4	14.2		
100	9.3	7.0	10.6		

Manual Integrations
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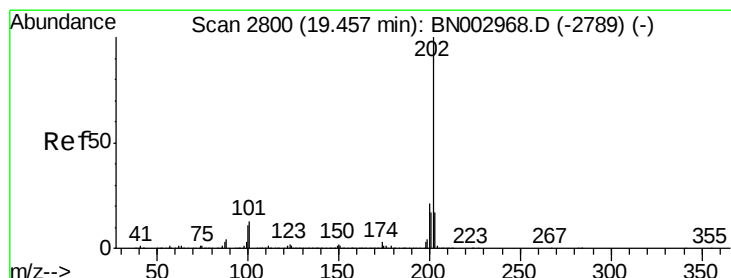
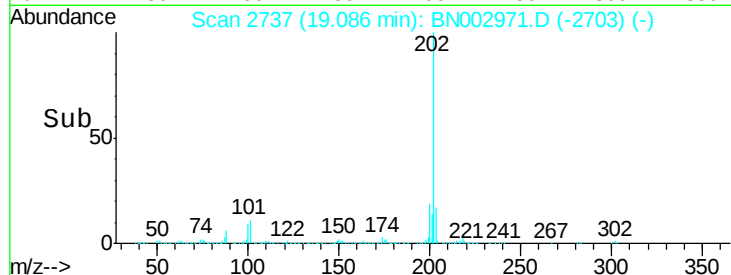
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->



#79

Pyrene

Concen: 8.077 ng/ul

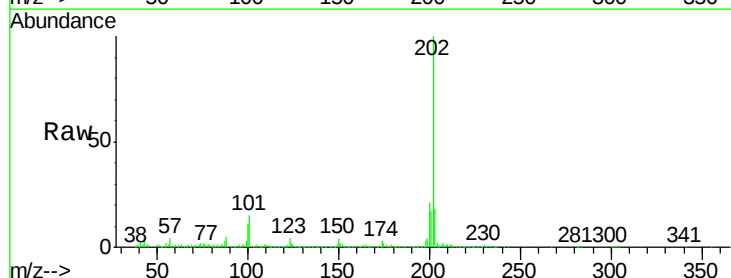
RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

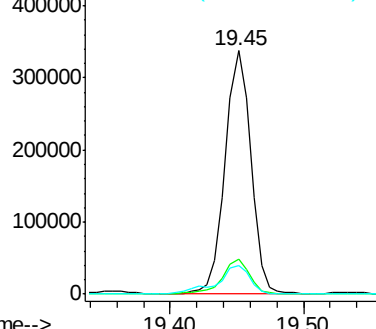
Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

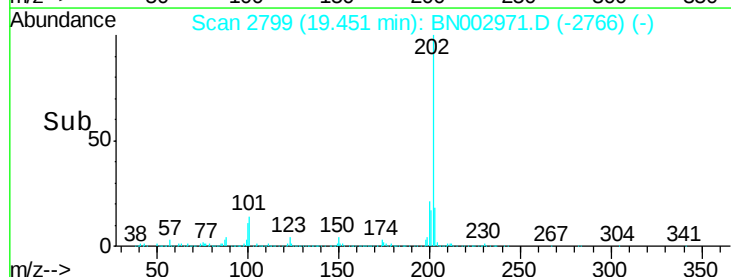
Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		448189		
101	14.6	10.8	16.2		
100	11.5	8.2	12.2		

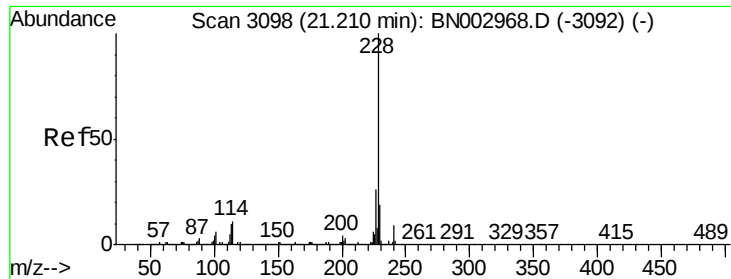


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





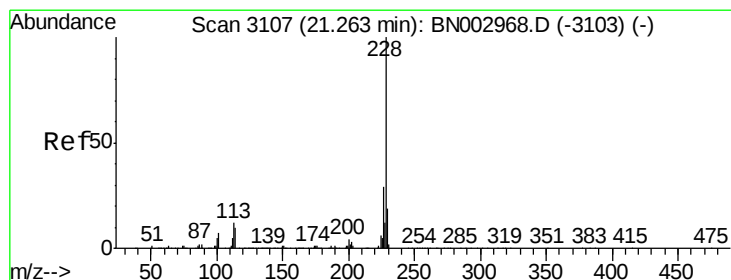
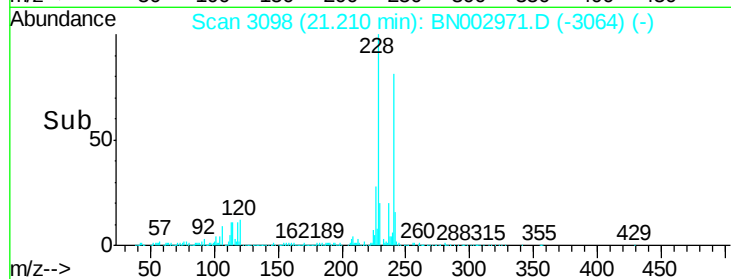
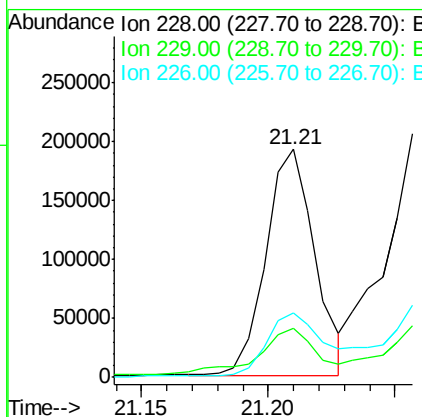
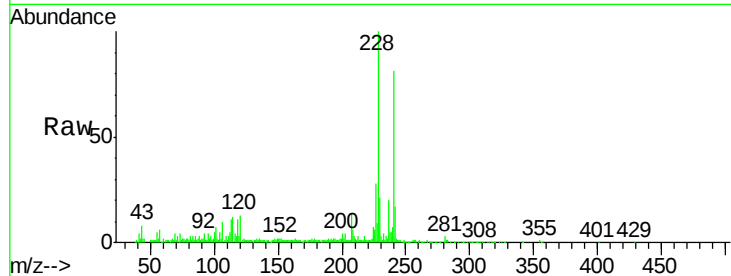
#82
Benzo(a)anthracene
Concen: 4.957 ng/ul
RT: 21.21 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BN002971.D
Acq: 05 Oct 2018 20:10

Instrument :
BNA_N
ClientSampleId :
A3Z04

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	28.2	20.9	31.3

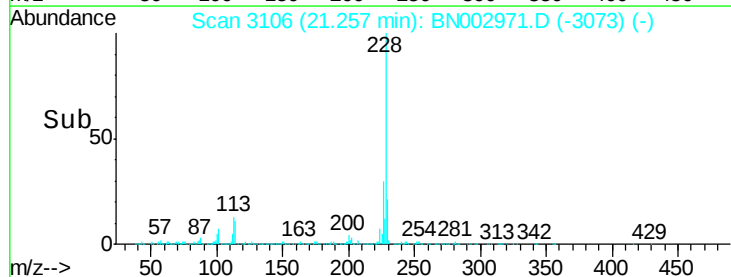
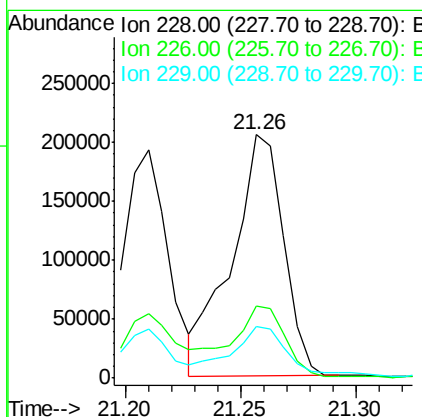
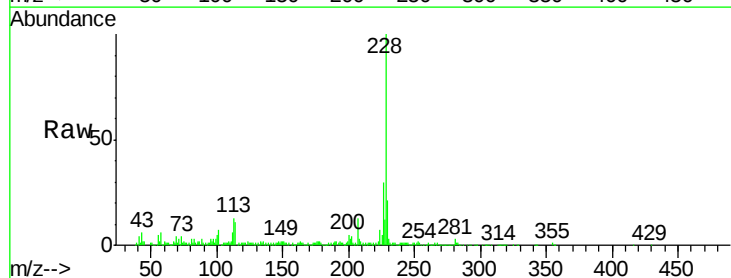
Manual Integrations
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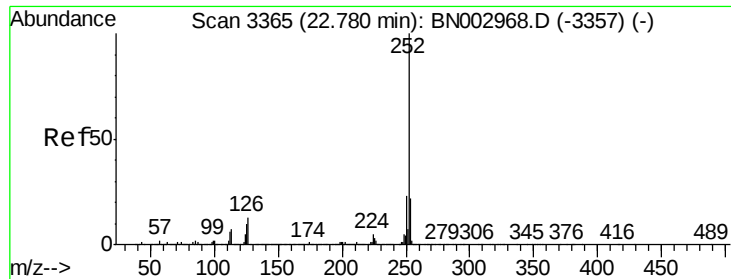
Sohil
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#84
Chrysene
Concen: 6.586 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BN002971.D
Acq: 05 Oct 2018 20:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	21.3	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 10.709 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

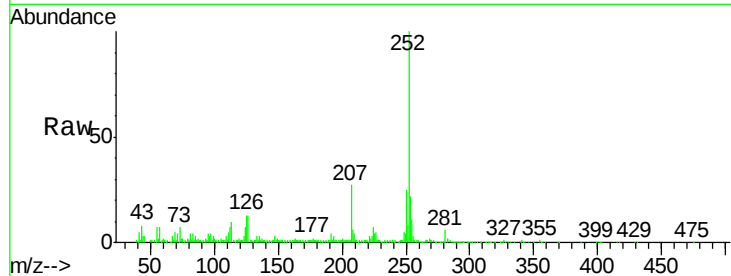
ClientSampled :

A3Z04

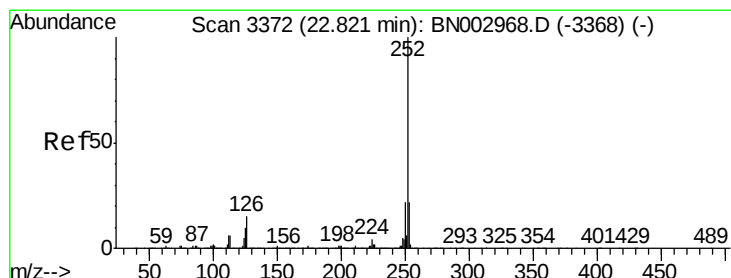
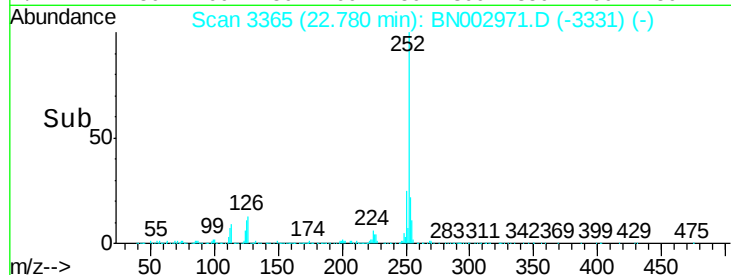
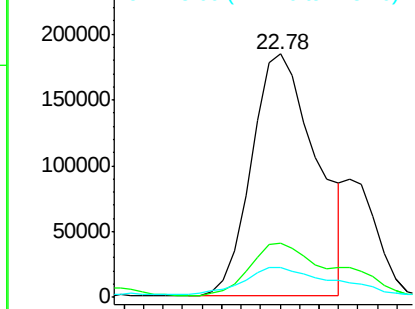
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	422698		
253	22.1	17.0	25.4	
125	12.5	8.0	12.0	

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



#88

Benzo(k)fluoranthene

Concen: 2.775 ng/ul m

RT: 22.82 min Scan# 3371

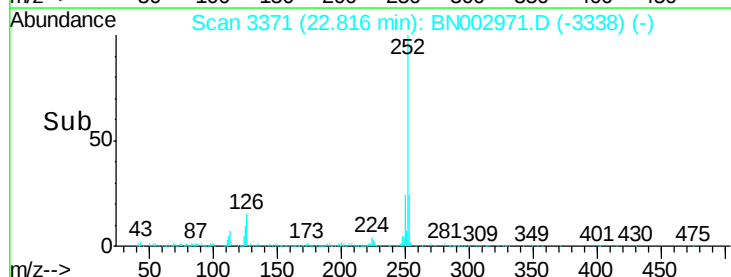
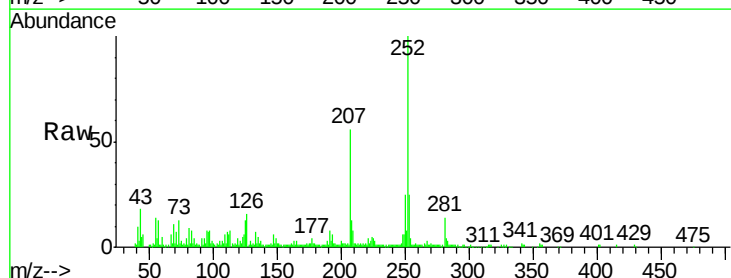
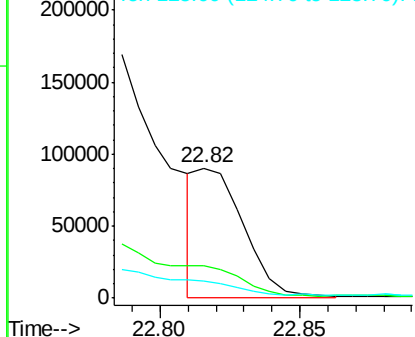
Delta R.T. -0.01 min

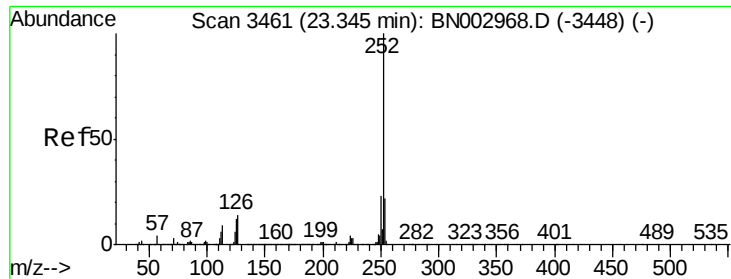
Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	102178		
253	25.0	17.8	26.8	
125	12.7	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: 4.581 ng/ul

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

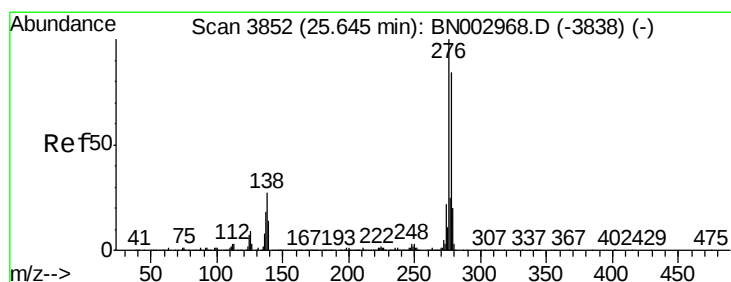
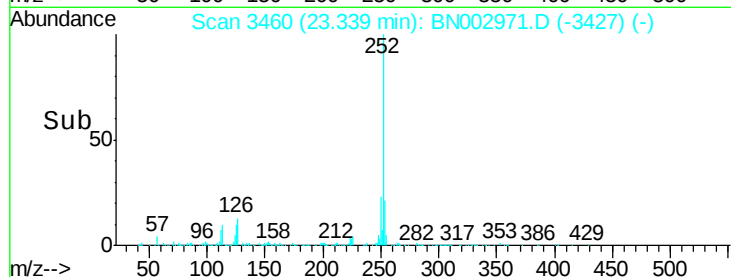
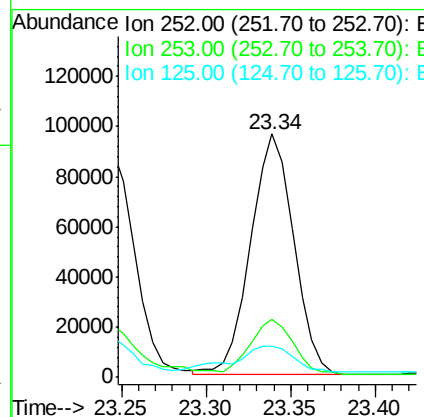
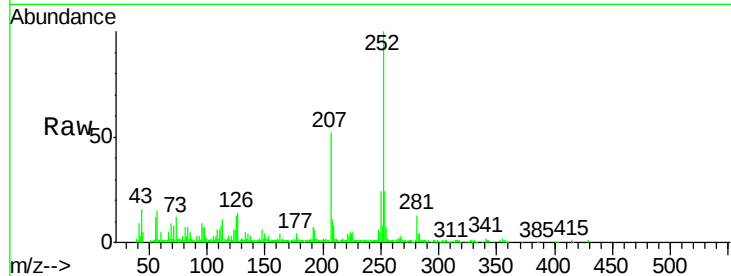
ClientSampled :

A3Z04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	170949		
253	23.6		17.6	26.4
125	12.8		8.8	13.2

Manual Integrations
APPROVED

Sohil
10/8/2018 5:53:36 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 2.954 ng/ul

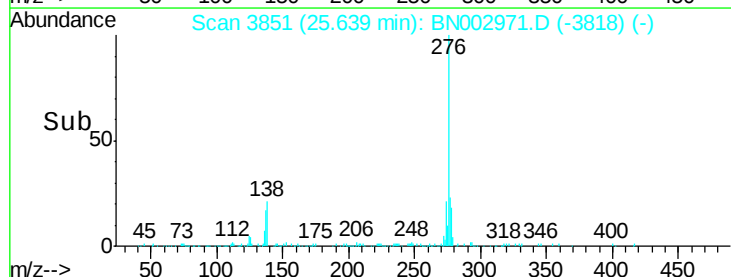
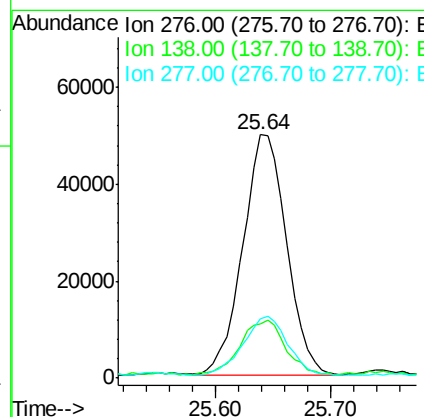
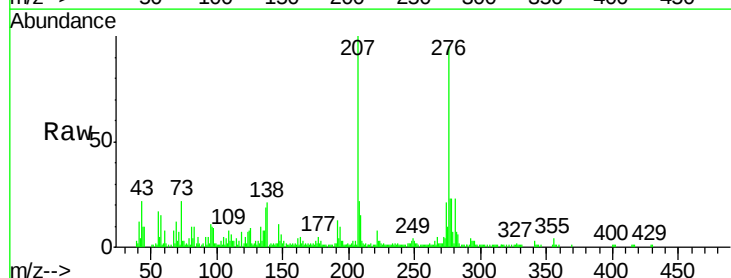
RT: 25.64 min Scan# 3851

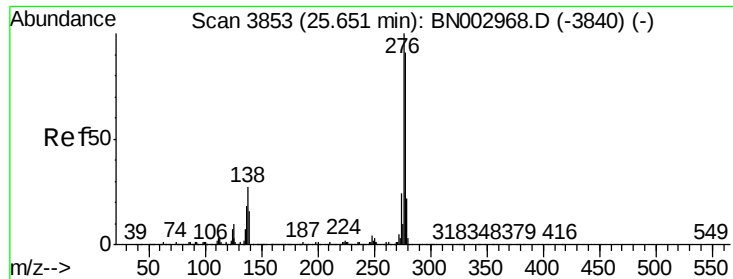
Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	130496		
138	22.4		20.2	30.4
277	24.2		20.0	30.0





#92

Dibenzo(a,h)anthracene

Concen: 1.058 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Instrument :

BNA_N

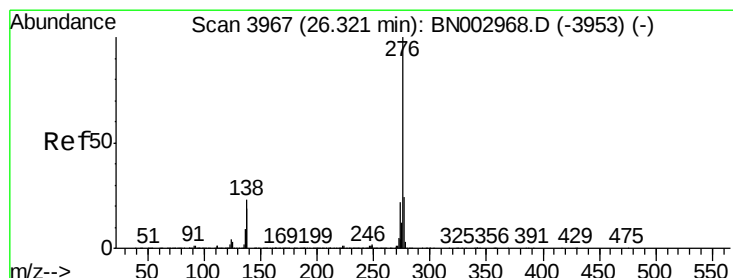
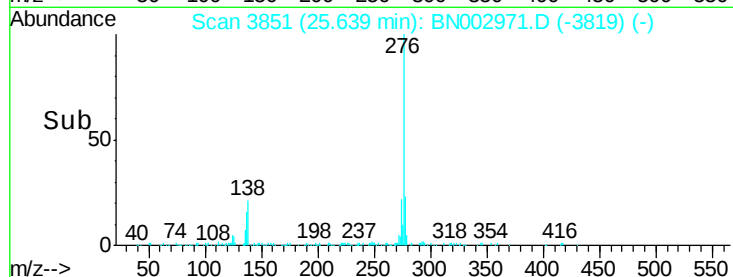
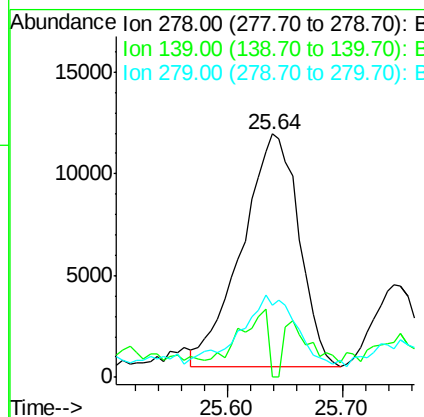
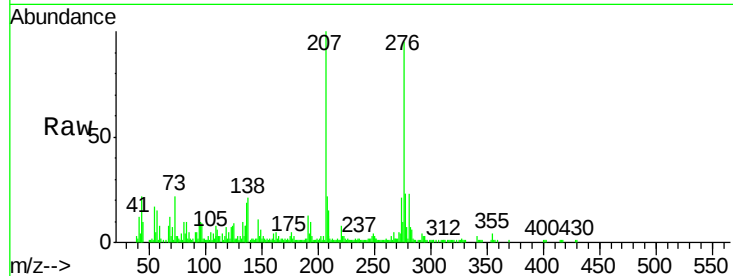
ClientSampled :

A3Z04

Tgt Ion:	278	Resp:	39368
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.7	19.1#
279	29.6	18.7	28.1#

Manual Integrations
APPROVED

Sohil
10/8/2018 5:53:36 PM



#93

Benzo(g,h,i)perylene

Concen: 2.847 ng/ul

RT: 26.32 min Scan# 3967

Delta R.T. 0.00 min

Lab File: BN002971.D

Acq: 05 Oct 2018 20:10

Tgt Ion:	276	Resp:	105129
Ion Ratio	Lower	Upper	
276	100		
138	25.0	18.2	27.2
277	23.6	18.6	28.0

