

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
 Data File : BN002974.D
 Acq On : 05 Oct 2018 21:55
 Operator : MJ/SJ
 Sample : J5230-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY0

Manual Integrations
 APPROVED

Sohil
 10/8/2018 5:53:41 PM

Quant Time: Oct 06 03:48:49 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	128863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	603266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	364202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	807516	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	813559	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	678164	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8973m	3.21	ng/uL	0.00
5) Phenol-d5	6.82	99	221189	20.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	132868	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	181754	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	175587	20.72	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	94044	20.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	112360	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	194737	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	211059	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	623444	21.87	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	780206	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	96207	20.41	ng/ul	0.00
57) Fluorene-d10	15.26	176	553545	22.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	93784	18.57	ng/ul	0.00
70) Anthracene-d10	17.12	188	861236	22.34	ng/ul	0.00
78) Pyrene-d10	19.42	212	944974	22.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	817386	22.90	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.85	94	16582	1.503	ng/ul	94
44) Dimethylphthalate	13.73	163	447513	16.084	ng/ul	100
47) Acenaphthylene	13.99	152	174472	4.989	ng/ul	99
69) Phenanthrene	17.06	178	239726	5.388	ng/ul	99
71) Anthracene	17.15	178	138754	3.076	ng/ul	100
75) Di-n-butylphthalate	17.99	149	63012	1.357	ng/ul	99
76) Fluoranthene	19.09	202	1233658	25.993	ng/ul	99
79) Pyrene	19.45	202	1100838	20.465	ng/ul	98
82) Benzo(a)anthracene	21.21	228	611466	12.082	ng/ul	97
84) Chrysene	21.26	228	722109	15.222	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	949104	22.916	ng/ul	97
88) Benzo(k)fluoranthene	22.82	252	269678m	6.979	ng/ul	
90) Benzo(a)pyrene	23.34	252	421931	10.776	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	282655	6.098	ng/ul	96
92) Dibenzo(a,h)anthracene	25.64	278	88887	2.276	ng/ul#	85
93) Benzo(g,h,i)perylene	26.32	276	227957	5.883	ng/ul	99

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

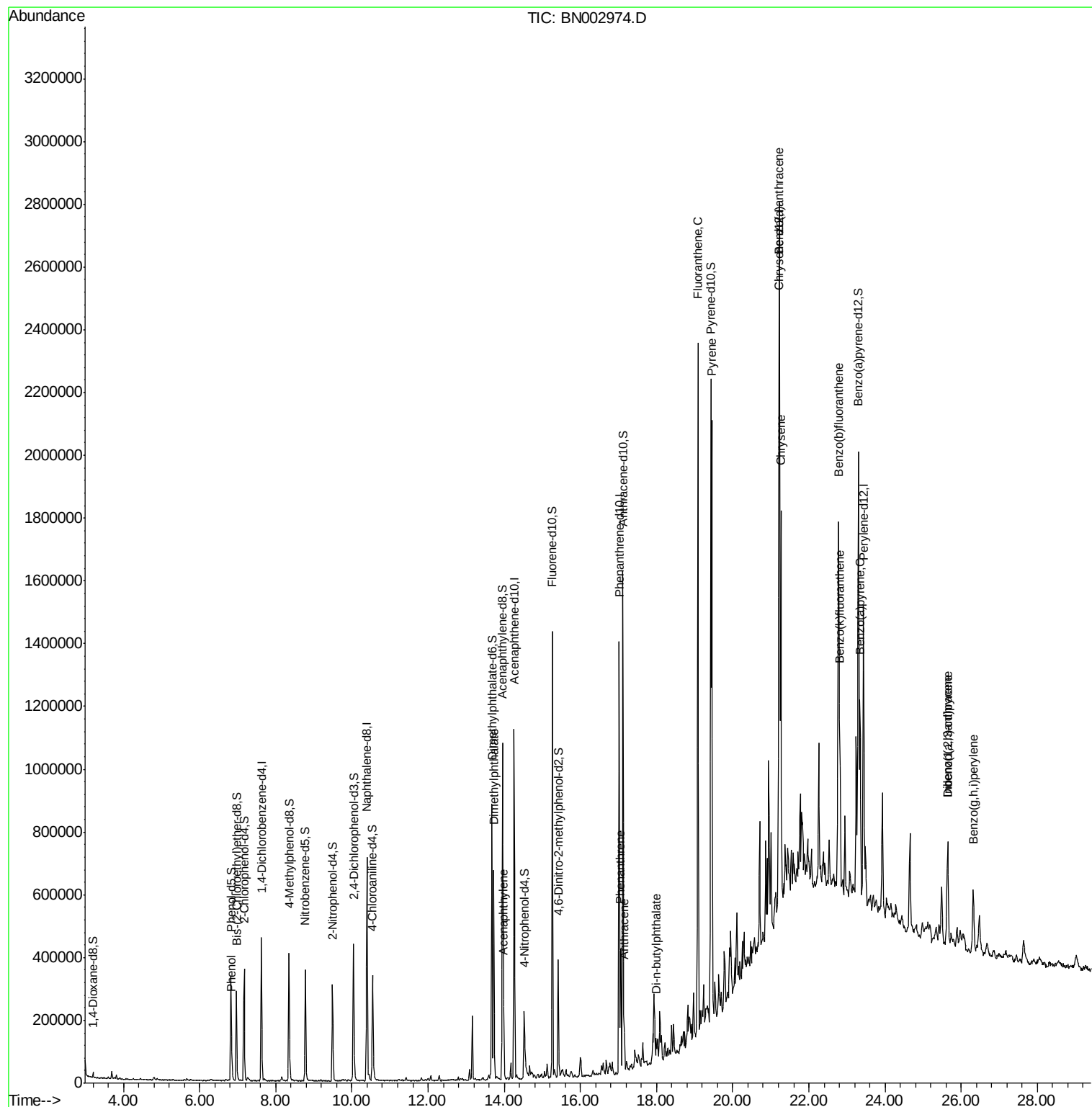
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100618\
Data File : BN002974.D
Acq On : 05 Oct 2018 21:55
Operator : MJ/SJ
Sample : J5230-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

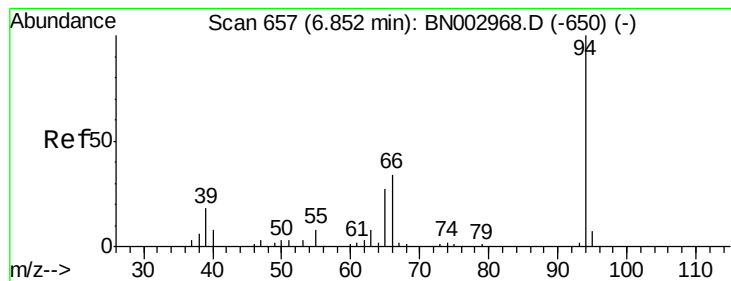
Instrument :
BNA_N
ClientSampleId :
A3YY0

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Quant Time: Oct 06 03:48:49 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

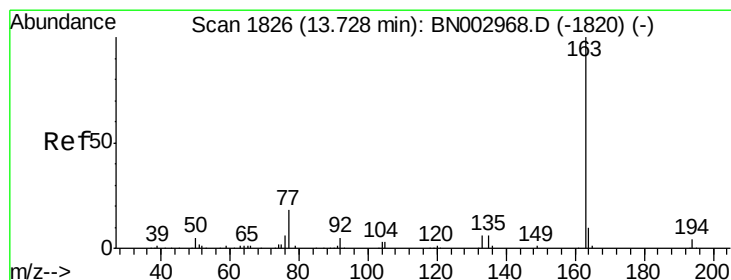
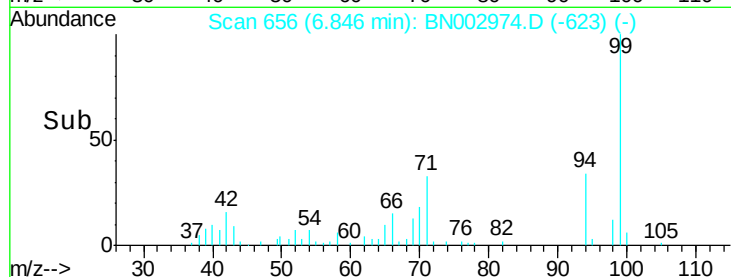
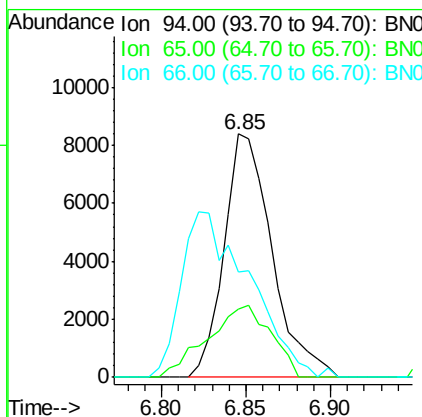
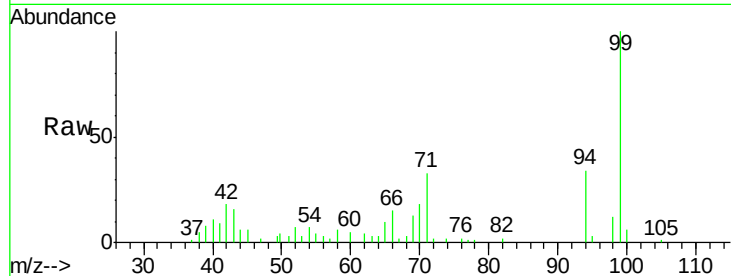
Concen: 1.503 ng/ul
 RT: 6.85 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BN002974.D
 Acq: 05 Oct 2018 21:55

Instrument :
 BNA_N
 ClientSampleId :
 A3YY0

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.1	34.7
66	43.2	29.8	44.6

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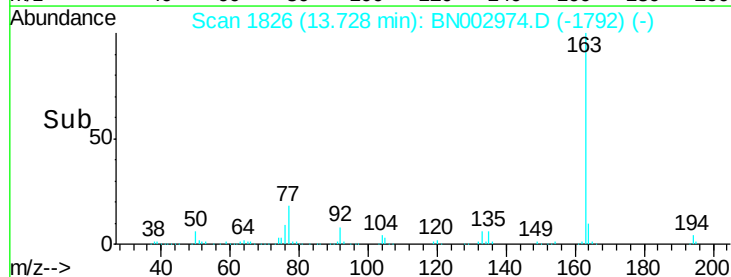
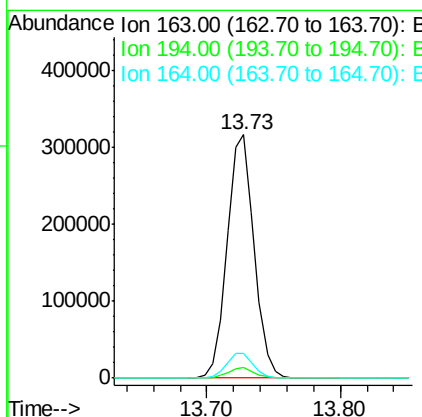
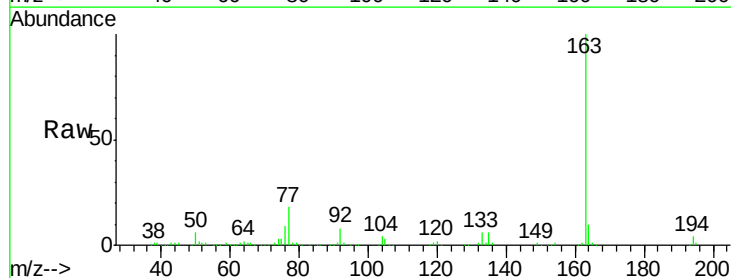


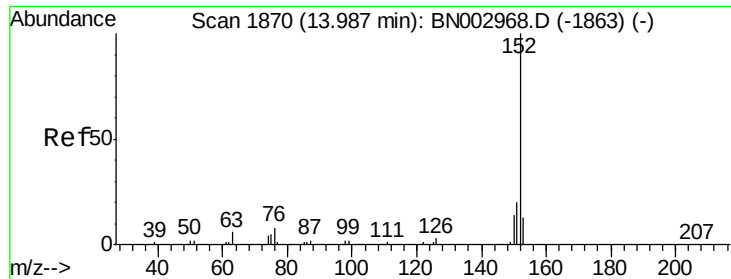
#44

Dimethylphthalate

Concen: 16.084 ng/ul
 RT: 13.73 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BN002974.D
 Acq: 05 Oct 2018 21:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.1	8.1	12.1





#47

Acenaphthylene

Concen: 4.989 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

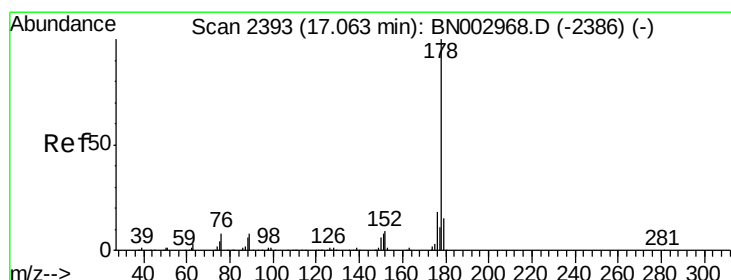
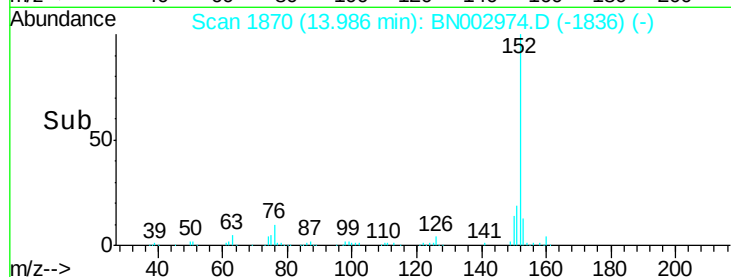
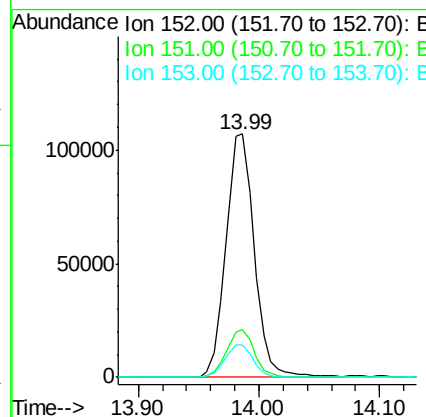
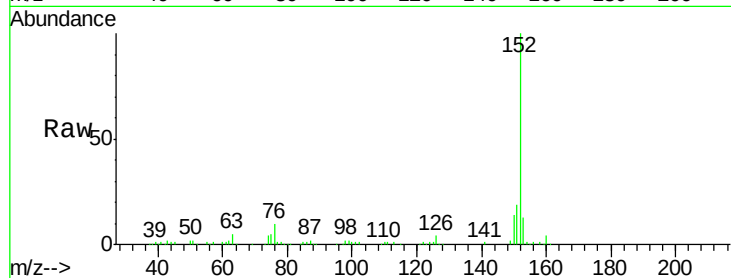
ClientSampleId :

A3YY0

Tgt Ion:	152	Resp:	174472
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.0	24.0
153	13.4	10.6	16.0

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#69

Phenanthrene

Concen: 5.388 ng/ul

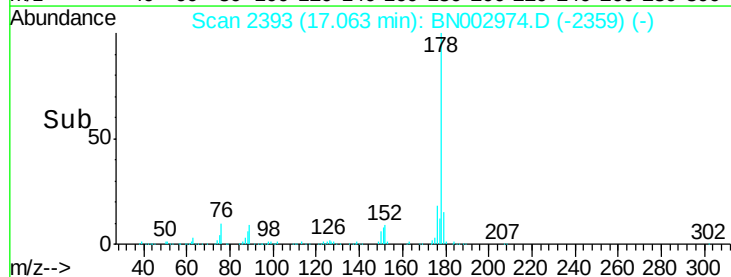
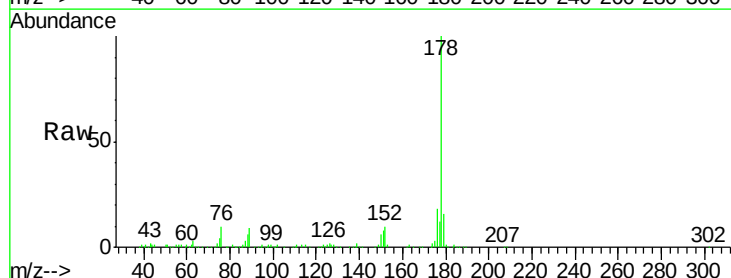
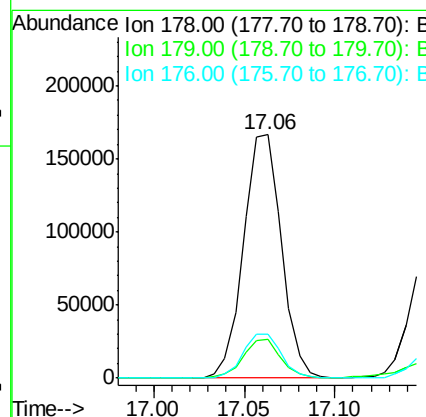
RT: 17.06 min Scan# 2393

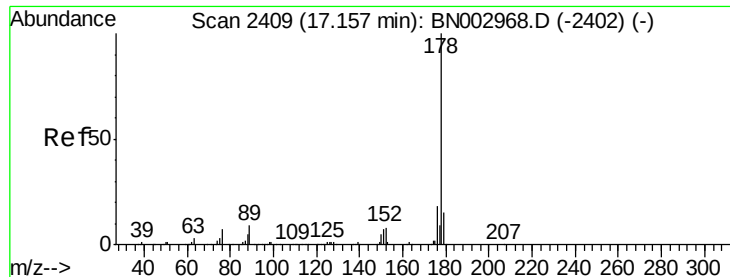
Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Tgt Ion:	178	Resp:	239726
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.4
176	18.2	15.0	22.6





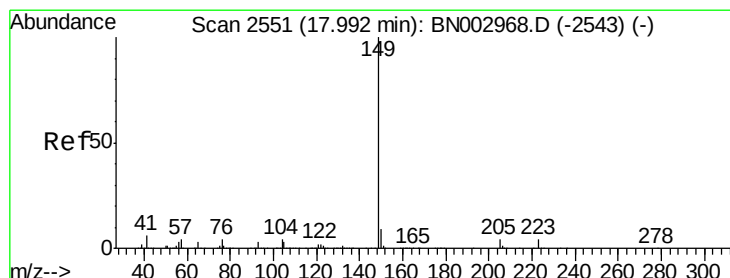
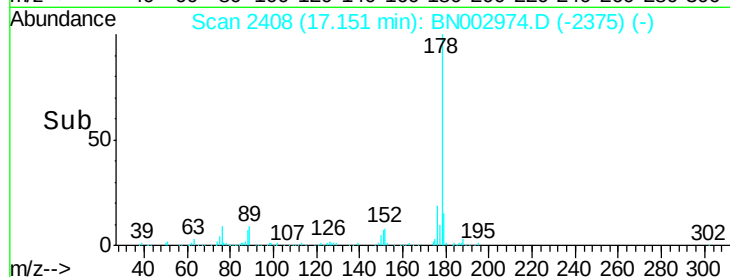
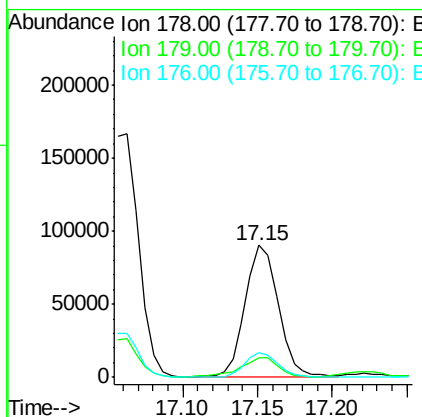
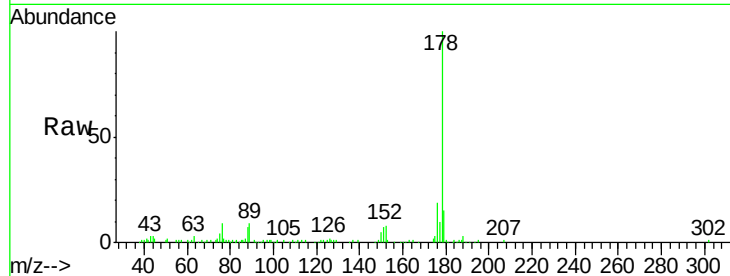
#71
 Anthracene
 Concen: 3.076 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN002974.D
 Acq: 05 Oct 2018 21:55

Instrument :
 BNA_N
 ClientSampled :
 A3YY0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	18.8	15.0	22.4

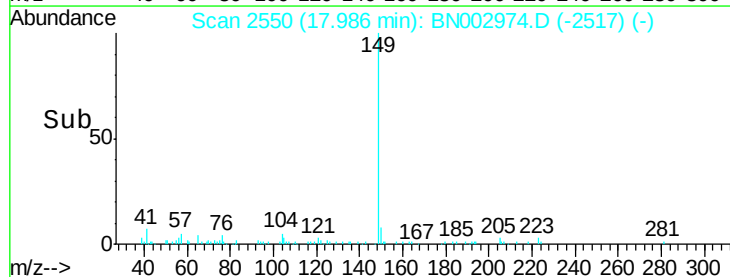
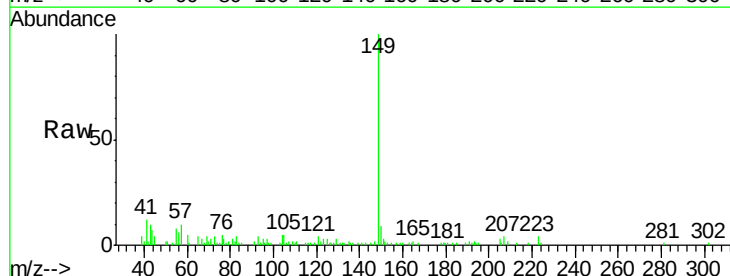
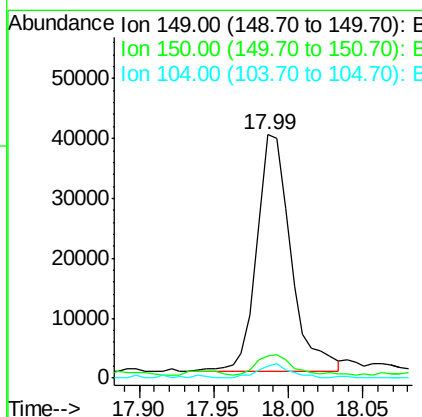
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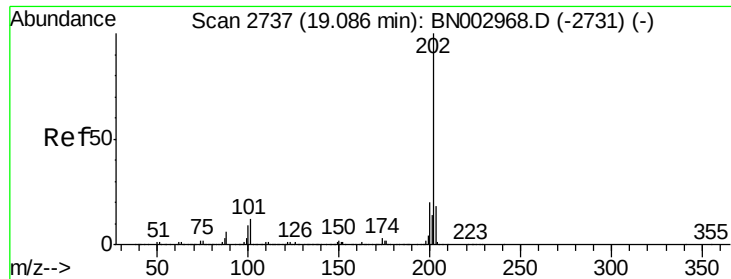
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#75
 Di-n-butylphthalate
 Concen: 1.357 ng/ul
 RT: 17.99 min Scan# 2550
 Delta R.T. -0.01 min
 Lab File: BN002974.D
 Acq: 05 Oct 2018 21:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	5.1	3.7	5.5





#76

Fluoranthene

Concen: 25.993 ng/ul

RT: 19.09 min Scan# 2737

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

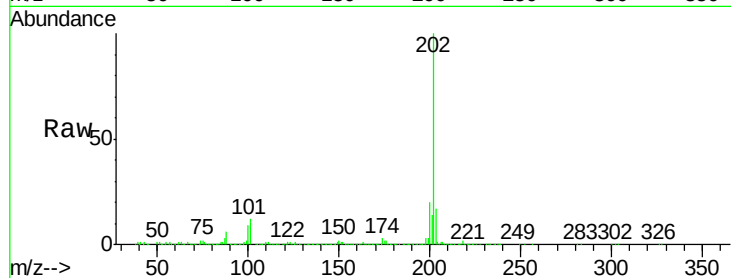
ClientSampleId :

A3YY0

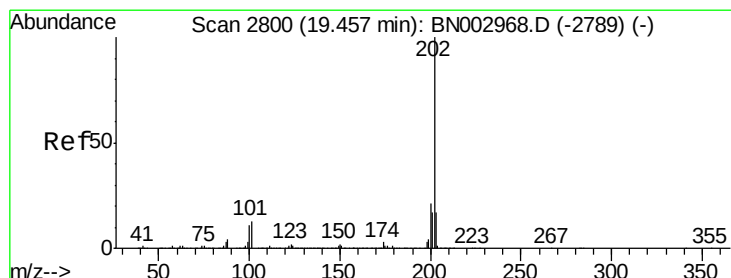
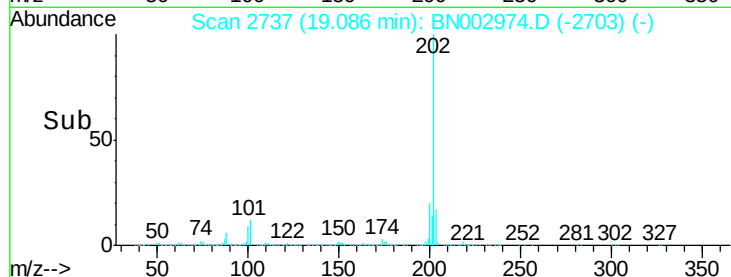
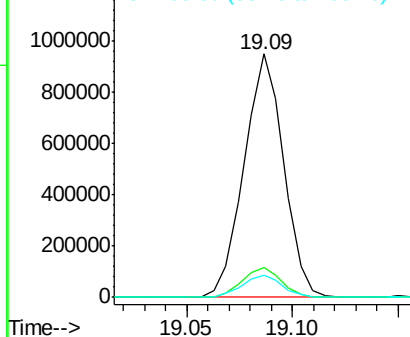
Tgt Ion:	202	Resp:	1233658
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.2
100	9.0	7.0	10.6

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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: 20.465 ng/ul

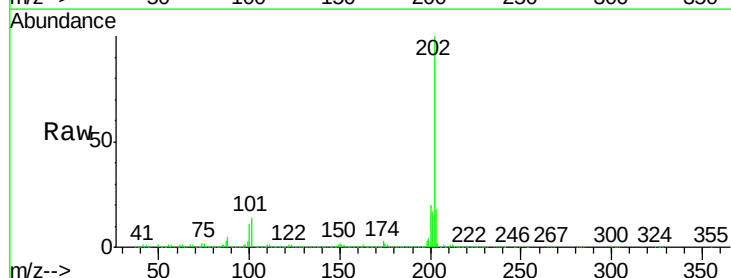
RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

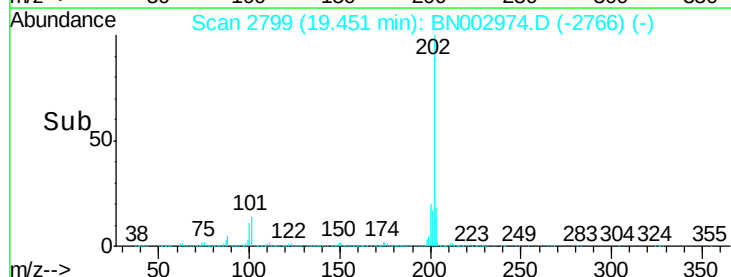
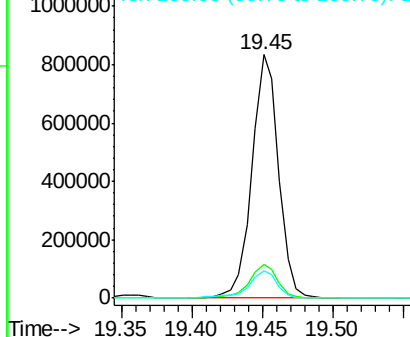
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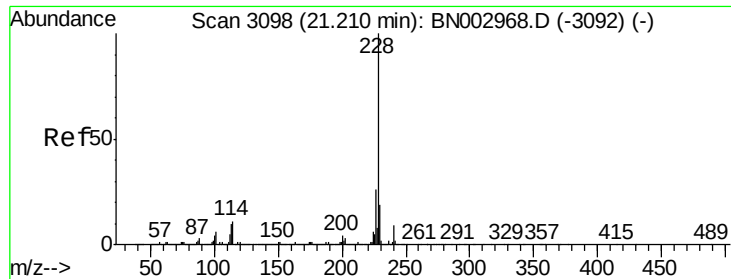
Acq: 05 Oct 2018 21:55

Tgt Ion:	202	Resp:	1100838
Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.8	16.2
100	11.3	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





#82

Benzo(a)anthracene

Concen: 12.082 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

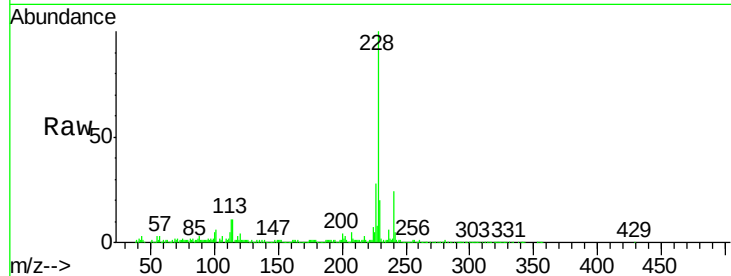
ClientSampled :

A3YY0

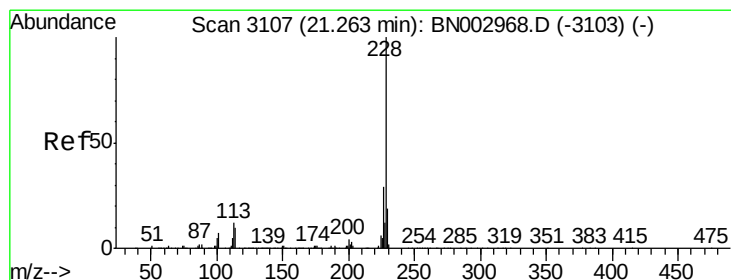
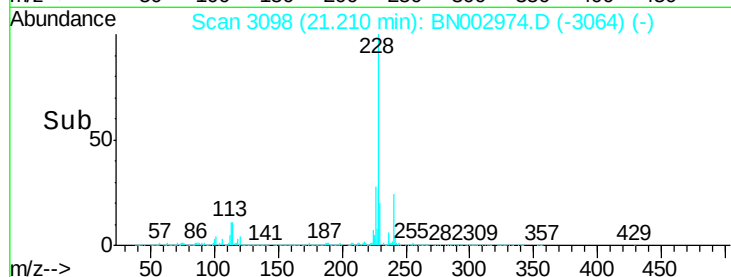
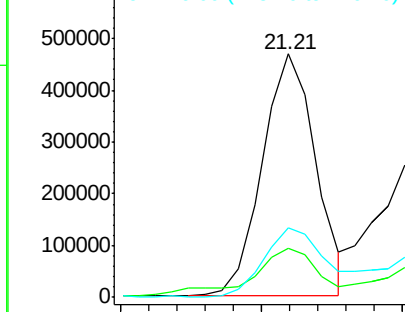
Tgt Ion:	228	Resp:	611466
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.6
226	28.5	20.9	31.3

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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: 15.222 ng/ul

RT: 21.26 min Scan# 3107

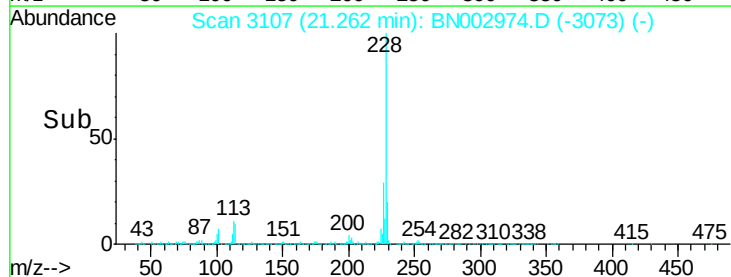
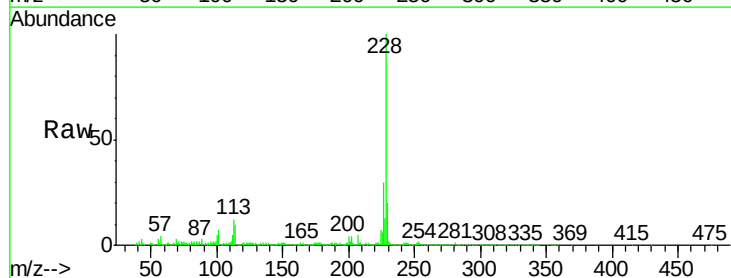
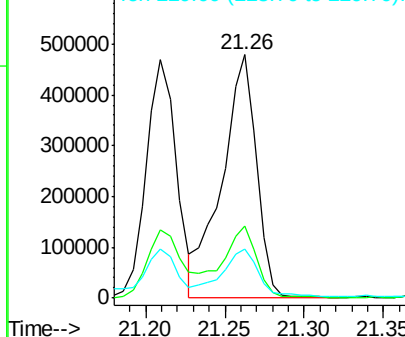
Delta R.T. -0.00 min

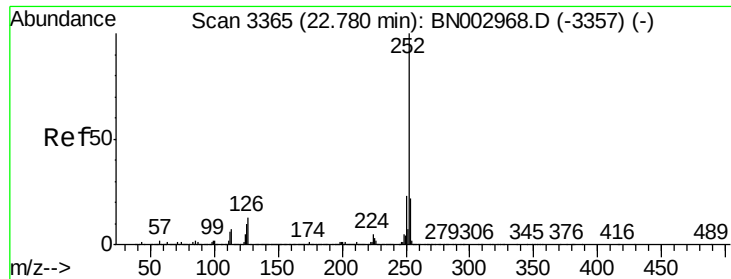
Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Tgt Ion:	228	Resp:	722109
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.4	35.0
229	20.4	15.7	23.5

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





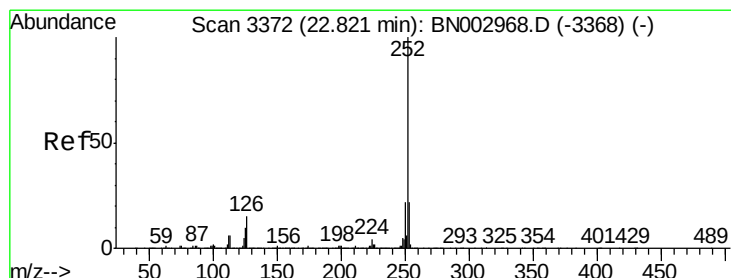
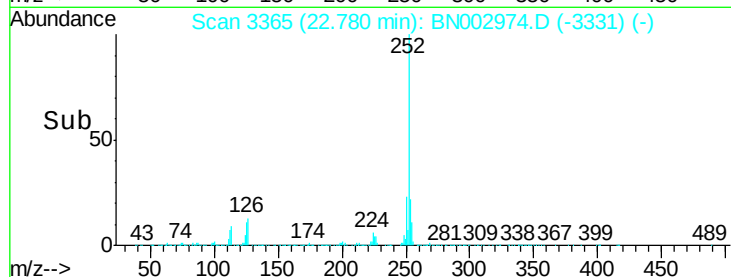
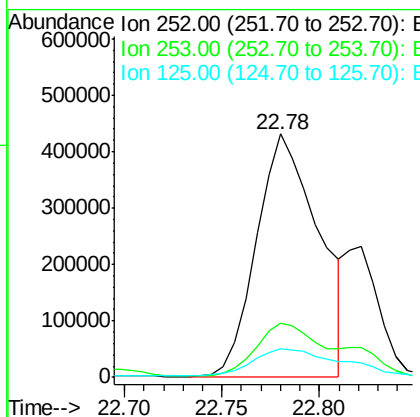
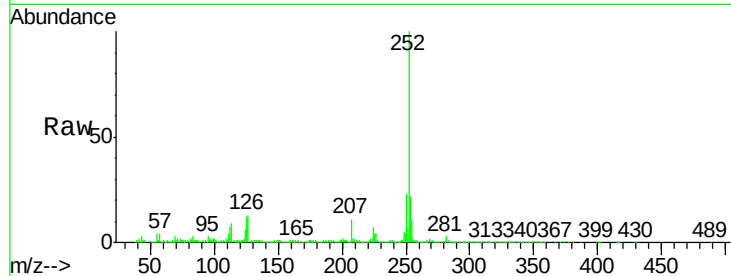
#87
Benzo(b)fluoranthene
Concen: 22.916 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.00 min
Lab File: BN002974.D
Acq: 05 Oct 2018 21:55

Instrument :
BNA_N
ClientSampled :
A3YY0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	11.8	8.0	12.0

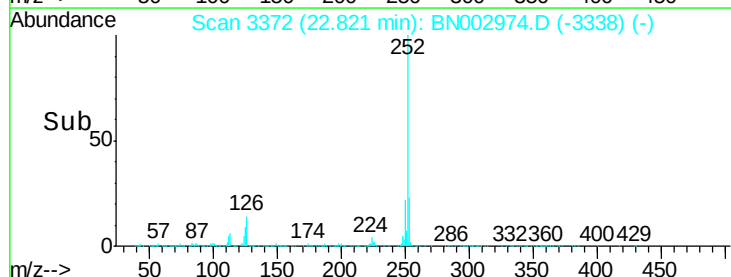
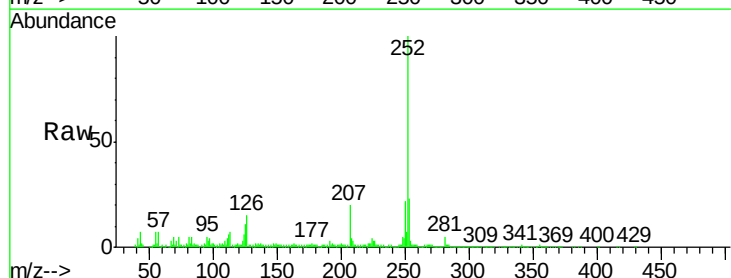
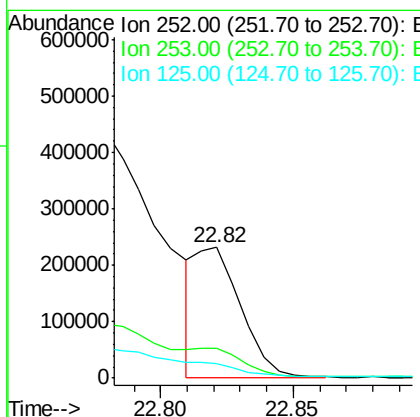
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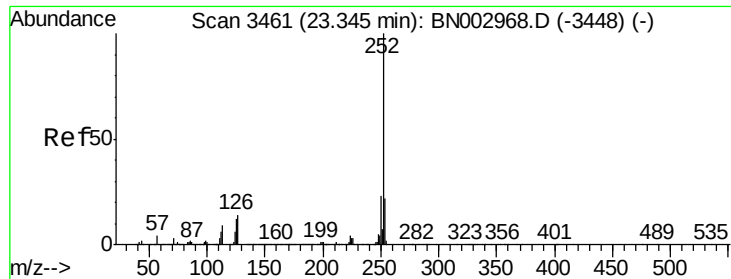
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#88
Benzo(k)fluoranthene
Concen: 6.979 ng/ul m
RT: 22.82 min Scan# 3372
Delta R.T. -0.00 min
Lab File: BN002974.D
Acq: 05 Oct 2018 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.0	8.3	12.5





#90

Benzo(a)pyrene

Concen: 10.776 ng/ul

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

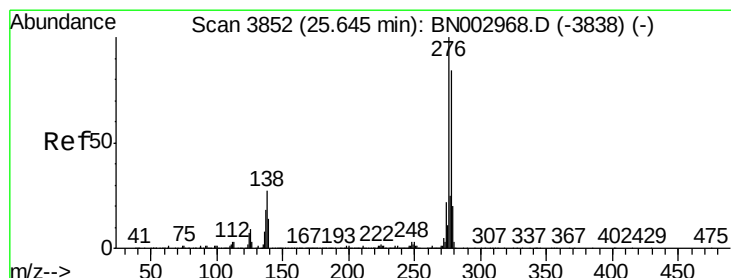
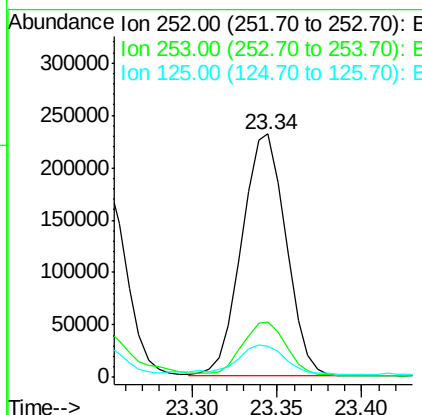
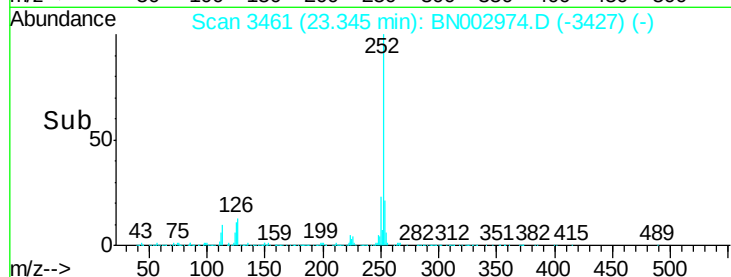
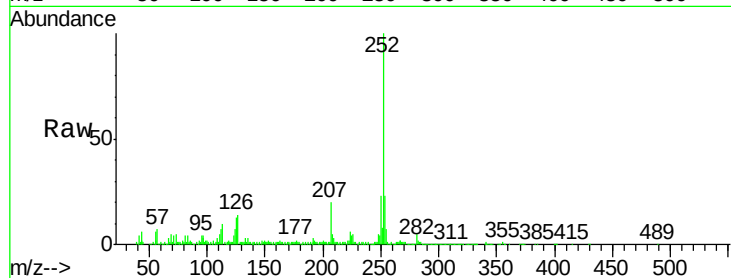
ClientSampleId :

A3YY0

Tgt Ion:	252	Resp:	421931
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.6	26.4
125	13.0	8.8	13.2

Manual Integrations
APPROVED

Sohil
10/8/2018 5:53:41 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 6.098 ng/ul

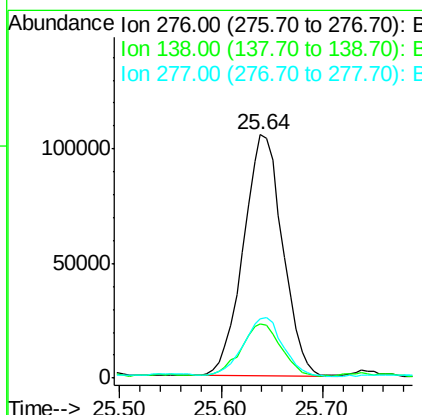
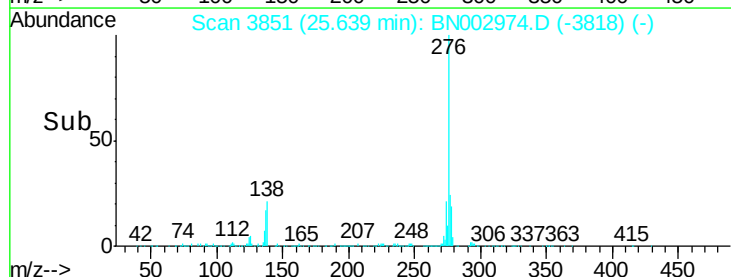
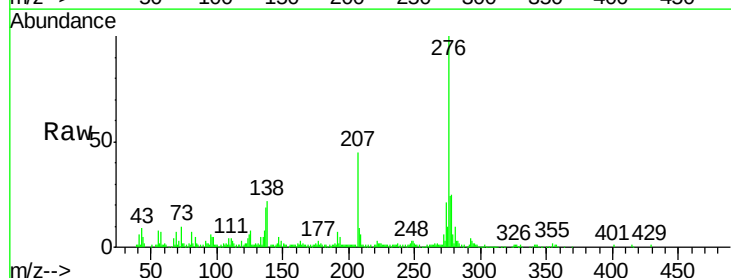
RT: 25.64 min Scan# 3851

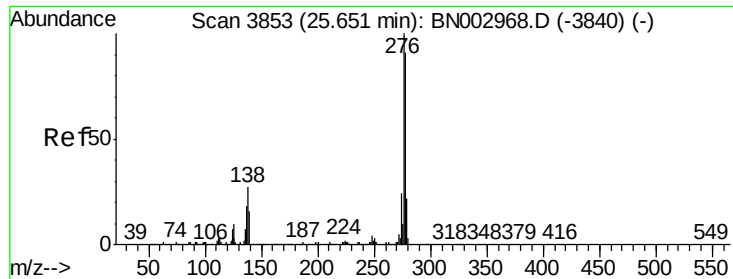
Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Tgt Ion:	276	Resp:	282655
Ion Ratio	Lower	Upper	
276	100		
138	22.0	20.2	30.4
277	24.4	20.0	30.0





#92

Dibenzo(a,h)anthracene

Concen: 2.276 ng/ul

RT: 25.64 min Scan# 3852

Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Instrument :

BNA_N

ClientSampleId :

A3YY0

Tgt Ion:278 Resp: 88887
Ion Ratio Lower Upper

278 100

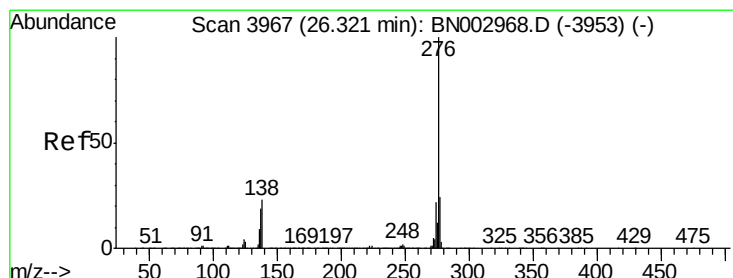
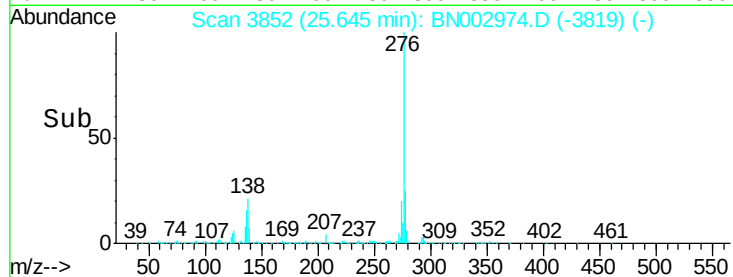
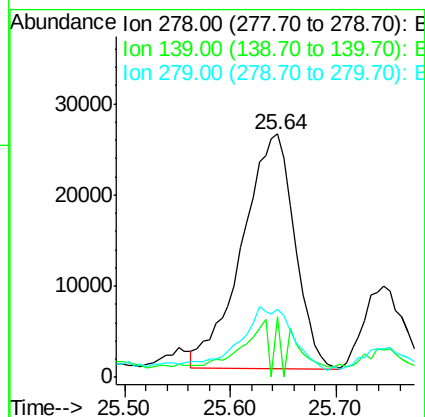
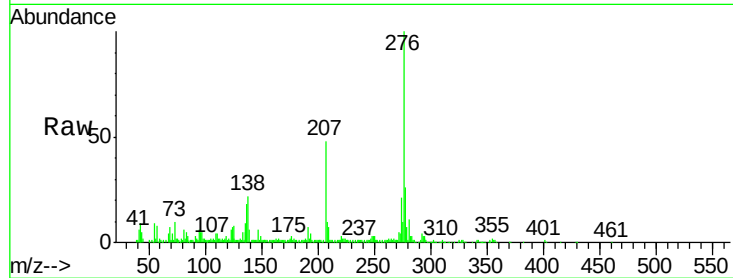
139 25.0 12.7 19.1#

279 28.3 18.7 28.1#

Manual Integrations
APPROVED

Sohil

10/8/2018 5:53:41 PM



#93

Benzo(g,h,i)perylene

Concen: 5.883 ng/ul

RT: 26.32 min Scan# 3966

Delta R.T. -0.01 min

Lab File: BN002974.D

Acq: 05 Oct 2018 21:55

Tgt Ion:276 Resp: 227957
Ion Ratio Lower Upper

276 100

138 23.4 18.2 27.2

277 23.7 18.6 28.0

