

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002663.D
 Acq On : 12 Sep 2018 20:03
 Operator : JU/SJ
 Sample : J4792-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YY4

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:41:18 PM

Quant Time: Sep 13 07:05:56 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	198024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	869237	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	477677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	921009	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	639748	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	640689	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	13891	3.31	ng/uL	0.00
5) Phenol-d5	6.85	99	322366	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	217339	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	266605	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	255288	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	139505	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	137426	18.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	258133	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	292986	20.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	872326	22.03	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	1091132	22.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	12207m	1.63	ng/ul	0.03
57) Fluorene-d10	15.29	176	747951	21.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	4298	0.73	ng/ul	0.01
70) Anthracene-d10	17.14	188	1031030	23.43	ng/ul	0.00
78) Pyrene-d10	19.44	212	925856	30.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	798184	23.83	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.75	163	511066	13.160	ng/ul	99
69) Phenanthrene	17.09	178	118495	2.334	ng/ul	98
76) Fluoranthene	19.11	202	199538	3.453	ng/ul	99
79) Pyrene	19.47	202	199569	5.174	ng/ul	100
82) Benzo(a)anthracene	21.23	228	84456	2.155	ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.16	149	56563	2.307	ng/ul#	92
84) Chrysene	21.28	228	106991	2.884	ng/ul#	91
87) Benzo(b)fluoranthene	22.80	252	132983	3.463	ng/ul#	71
88) Benzo(k)fluoranthene	22.84	252	39475m	1.091	ng/ul	
90) Benzo(a)pyrene	23.37	252	79369	2.170	ng/ul#	66
91) Indeno(1,2,3-cd)pyrene	25.68	276	70636	1.623	ng/ul	93
93) Benzo(g,h,i)perylene	26.36	276	66369	1.828	ng/ul	96

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

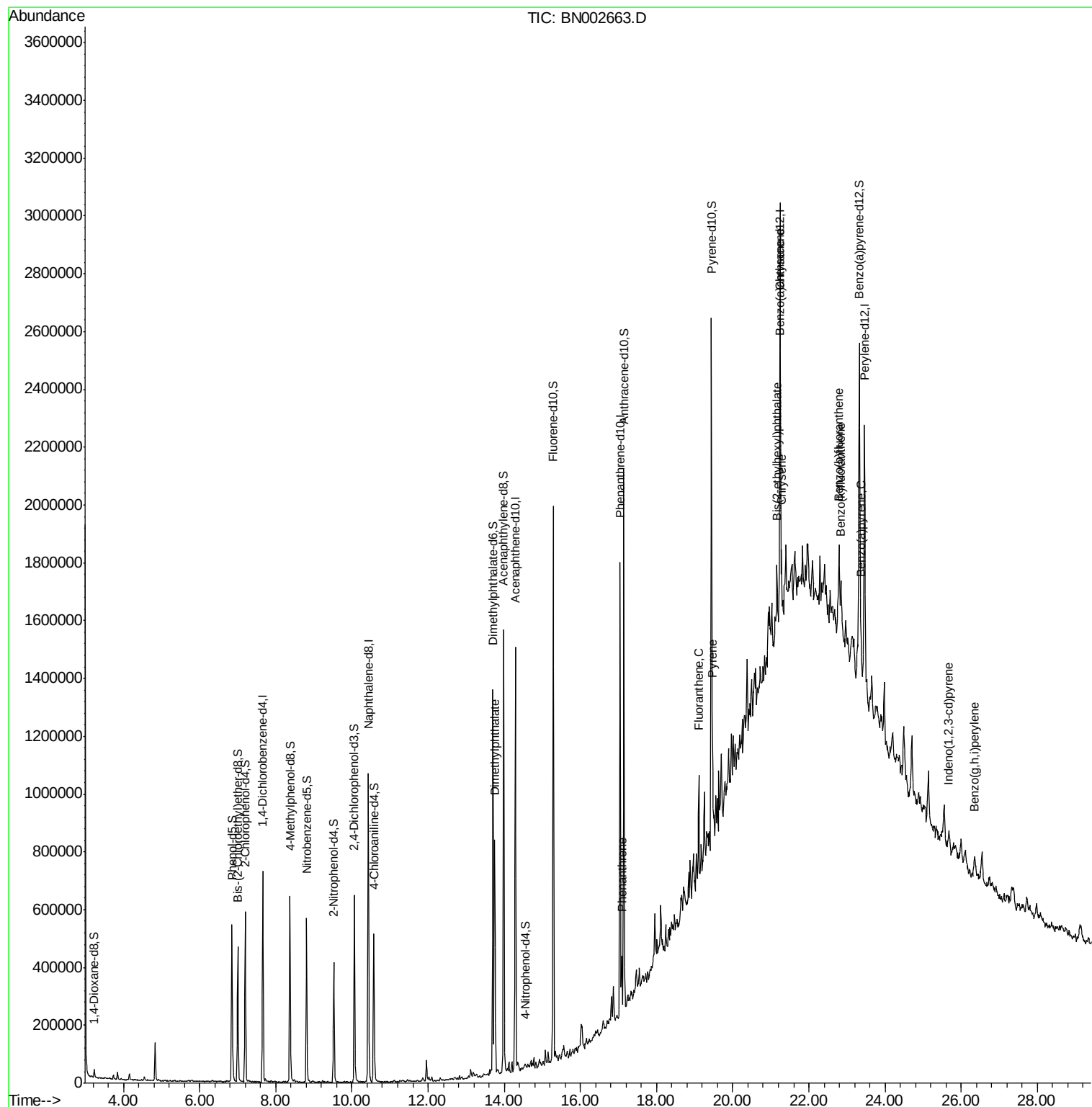
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002663.D
Acq On : 12 Sep 2018 20:03
Operator : JU/SJ
Sample : J4792-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

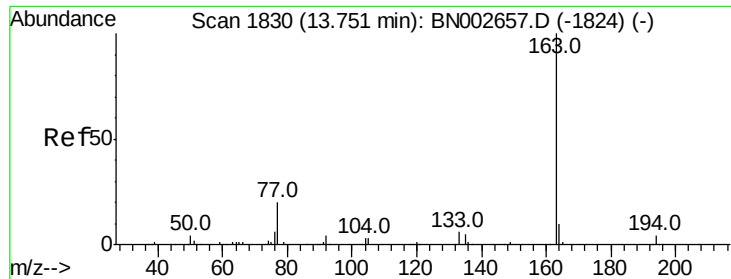
Instrument :
BNA_N
ClientSampleId :
A3YY4

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Quant Time: Sep 13 07:05:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
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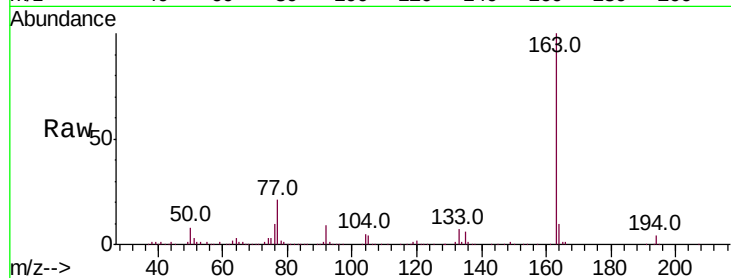
#44
Dimethylphthalate
Concen: 13.160 ng/ul
RT: 13.75 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BN002663.D
Acq: 12 Sep 2018 20:03

Instrument :
BNA_N
ClientSampled :
A3YY4

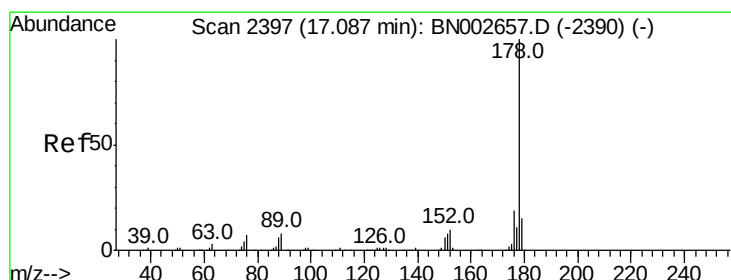
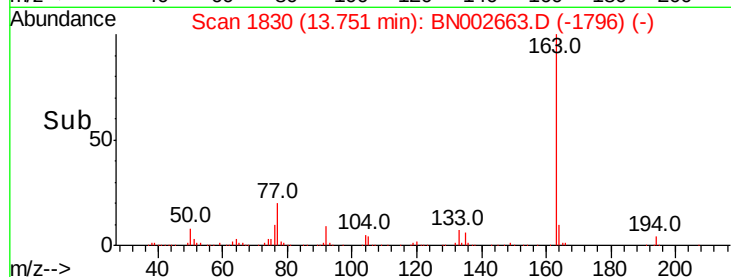
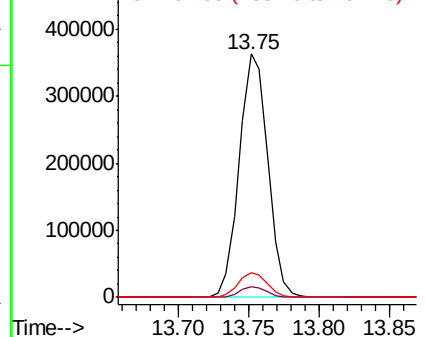
Tot Ion	Ratio	Resp	Lower	Upper
163	100	511066		
194	4.3		3.2	4.8
164	10.4		7.8	11.8

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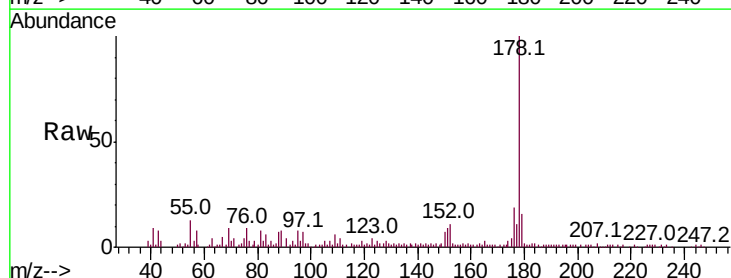


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

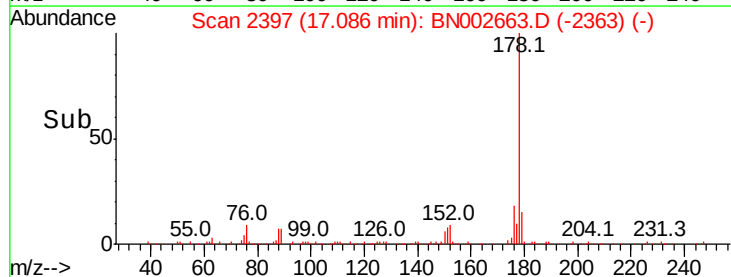
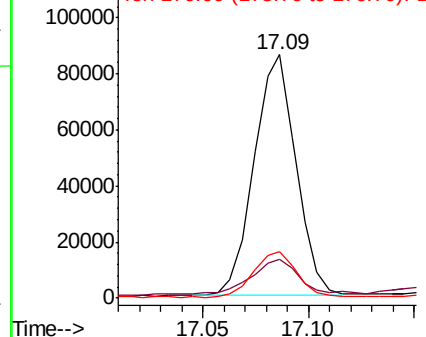


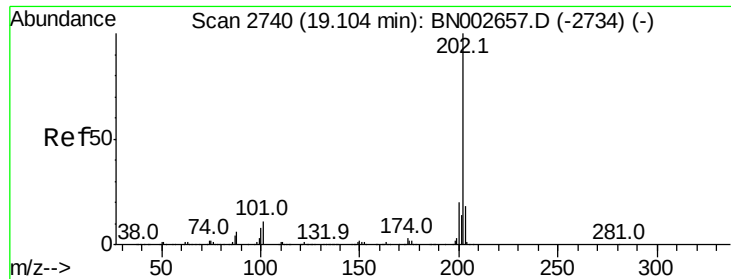
#69
Phenanthrene
Concen: 2.334 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BN002663.D
Acq: 12 Sep 2018 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	118495		
179	16.2		12.2	18.4
176	18.9		15.6	23.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





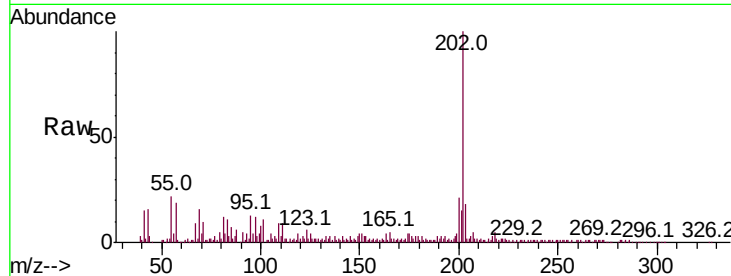
#76
Fluoranthene
Concen: 3.453 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BN002663.D
Acq: 12 Sep 2018 20:03

Instrument :
BNA_N
ClientSampled :
A3YY4

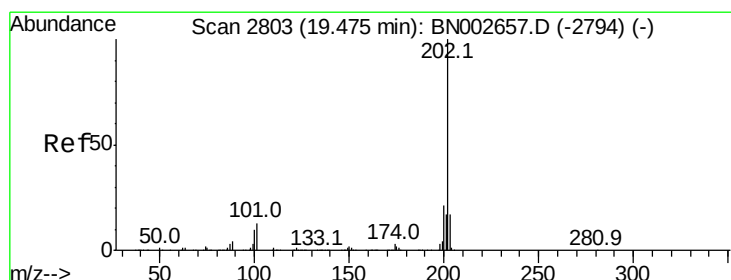
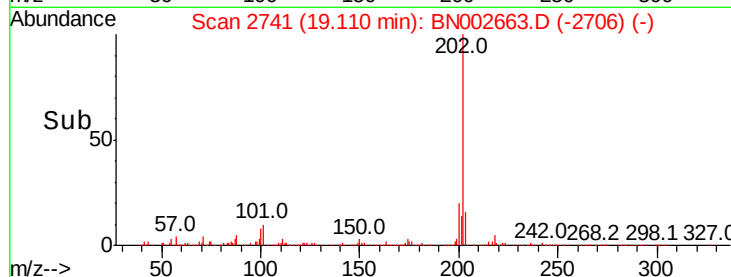
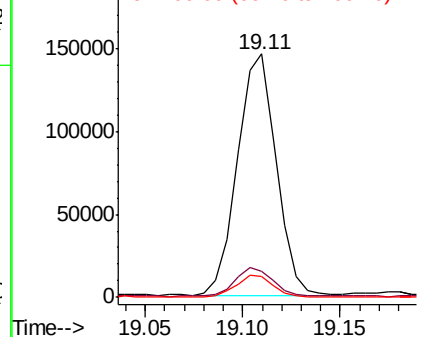
Tot Ion	Ratio	Resp	Lower	Upper
202	100	199538		
101	10.6		8.8	13.2
100	8.5		6.6	9.8

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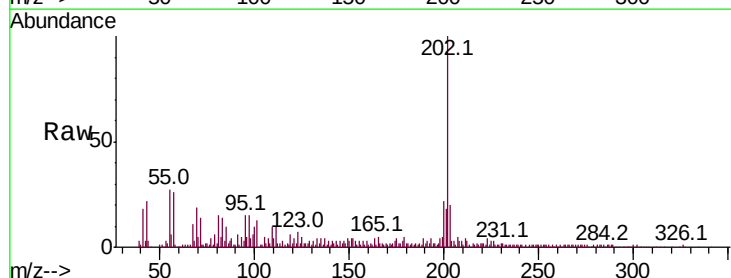


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

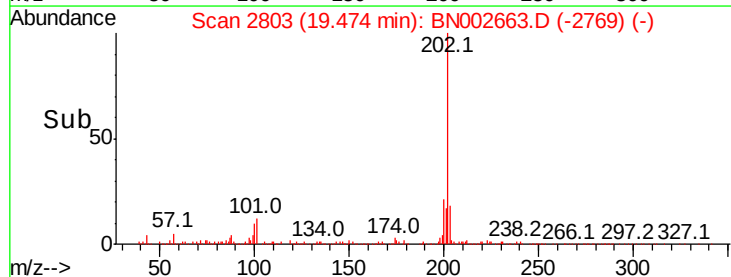
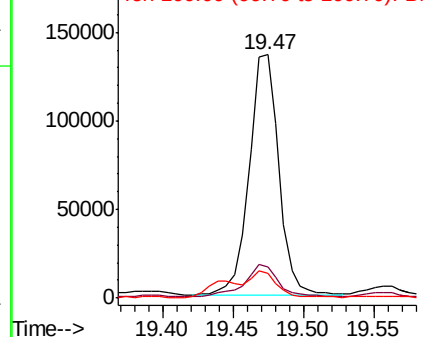


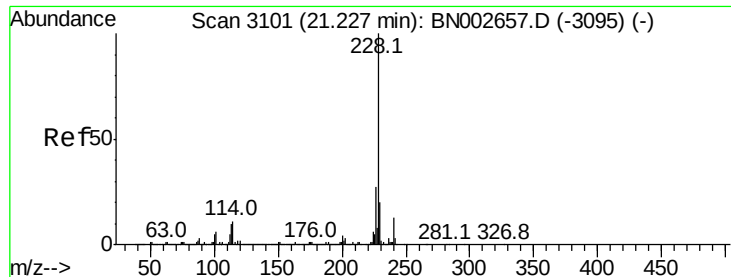
#79
Pyrene
Concen: 5.174 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BN002663.D
Acq: 12 Sep 2018 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	199569		
101	12.7		10.2	15.2
100	10.3		8.5	12.7



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: 2.155 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

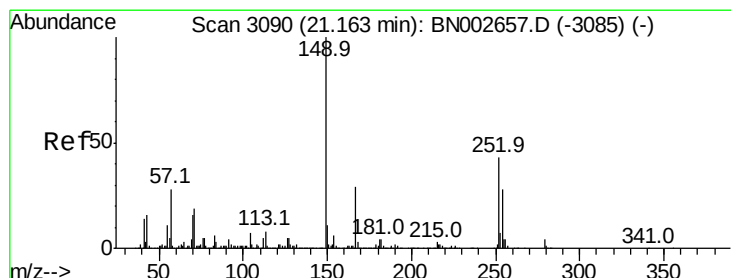
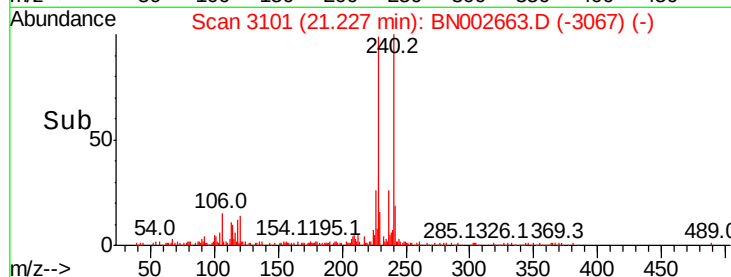
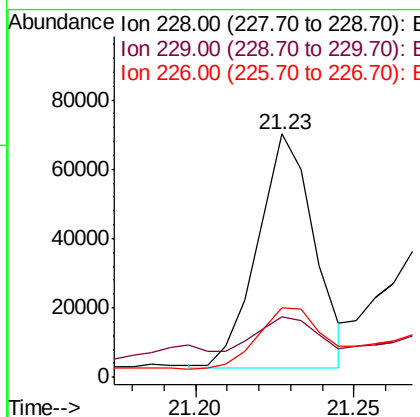
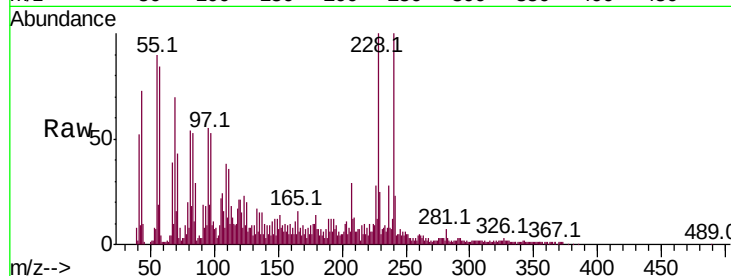
ClientSampleId :

A3YY4

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.7	23.5#
226	28.5	21.8	32.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.307 ng/ul

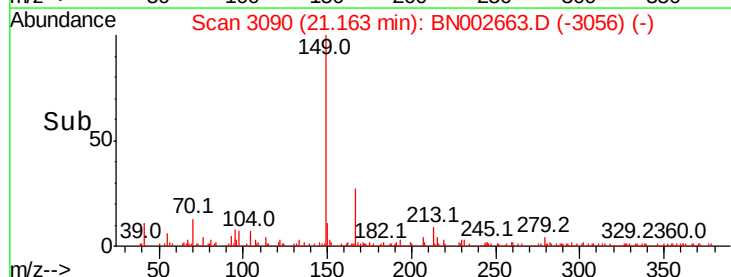
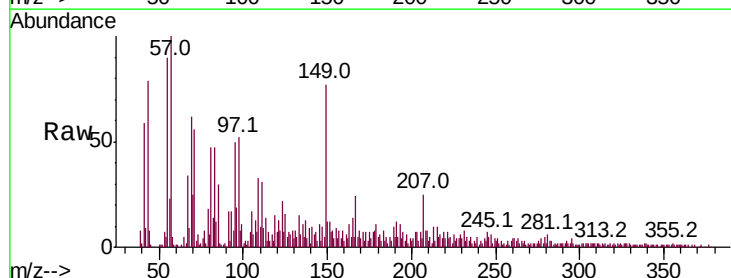
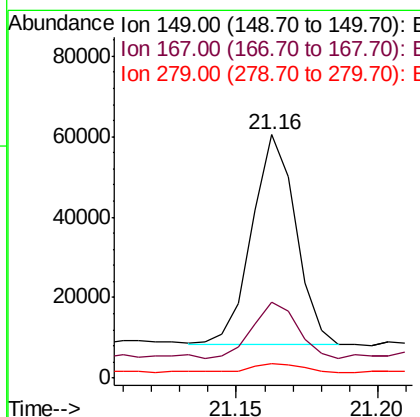
RT: 21.16 min Scan# 3090

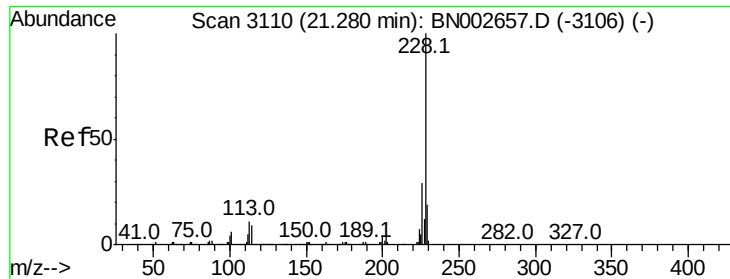
Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.3	21.6	32.4
279	5.9	3.0	4.4#





#84

Chrysene

Concen: 2.884 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

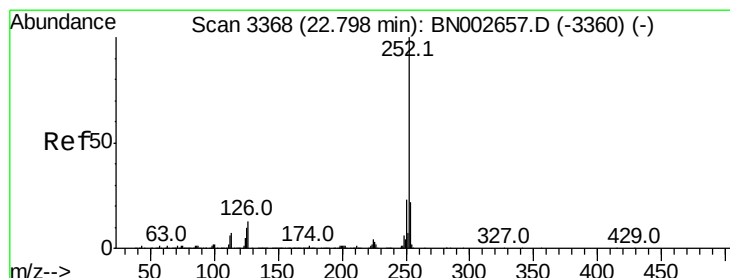
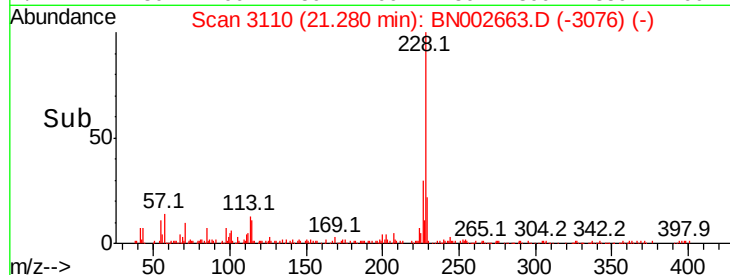
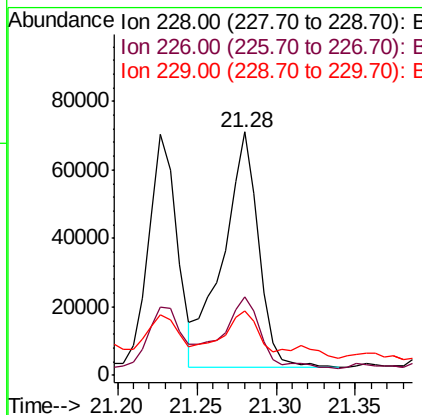
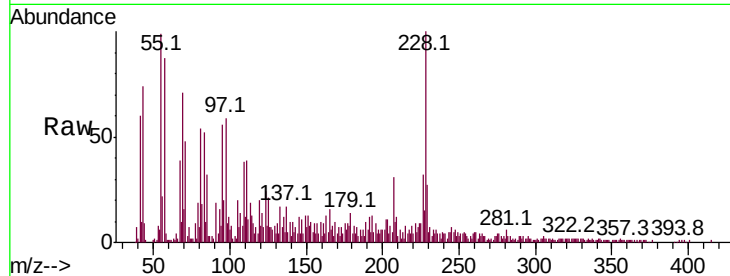
ClientSampleId :

A3YY4

Tot Ion:	228	Resp:	106991
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.0	36.0
229	26.6	15.6	23.4

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#87

Benzo(b)fluoranthene

Concen: 3.463 ng/ul

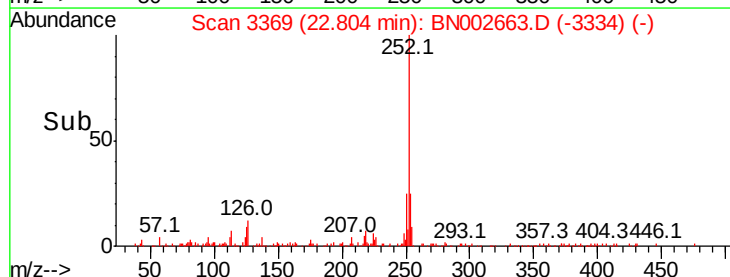
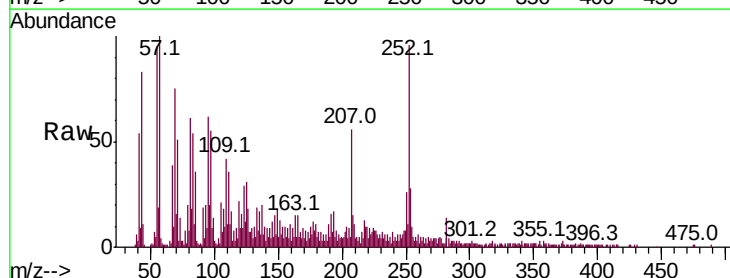
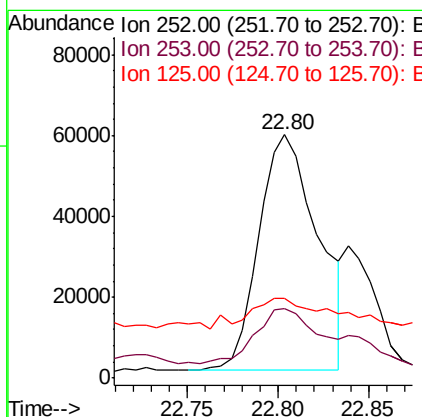
RT: 22.80 min Scan# 3369

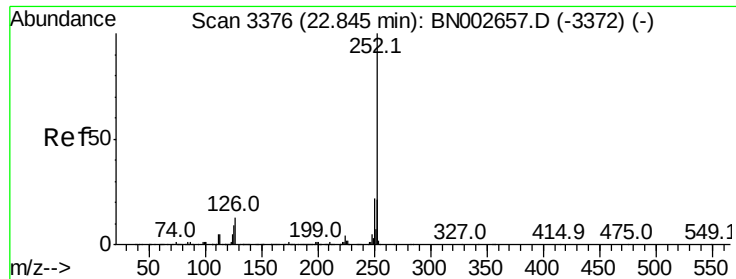
Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Tgt Ion:	252	Resp:	132983
Ion Ratio	Lower	Upper	
252	100		
253	28.8	17.5	26.3
125	32.8	8.5	12.7





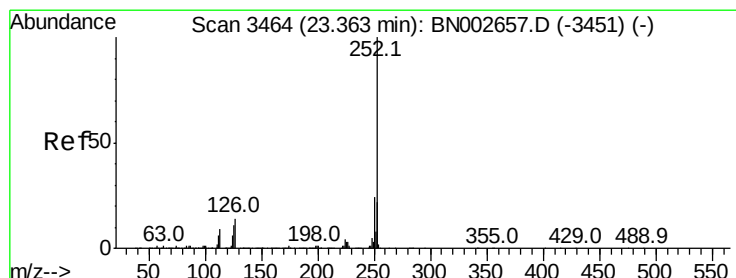
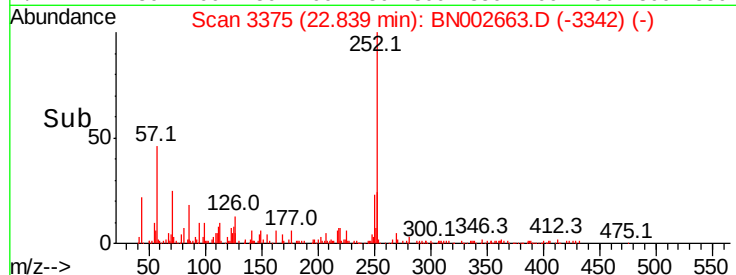
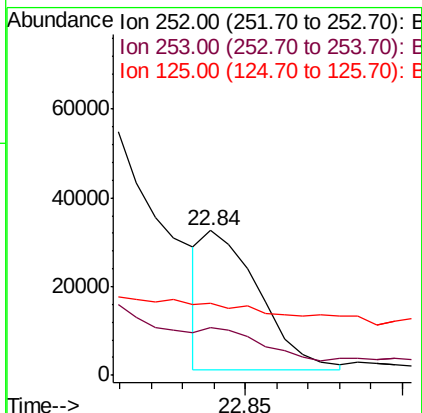
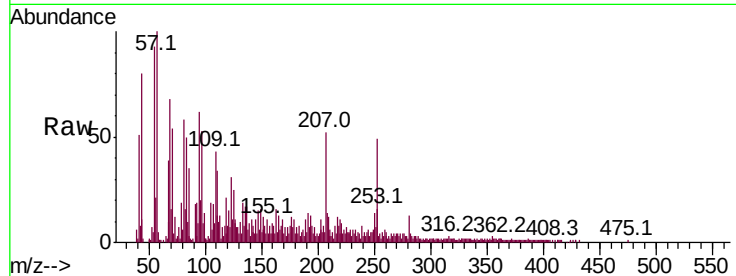
#88
Benzo(k)fluoranthene
Concen: 1.091 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BN002663.D
Acq: 12 Sep 2018 20:03

Instrument :
BNA_N
ClientSampleId :
A3YY4

Tot Ion	Ratio	Lower	Upper
252	100		
253	32.6	17.3	25.9#
125	50.0	8.2	12.2#

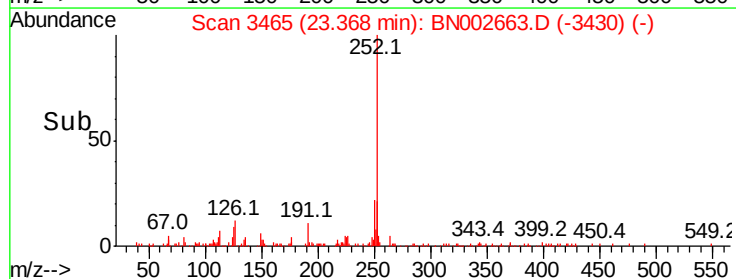
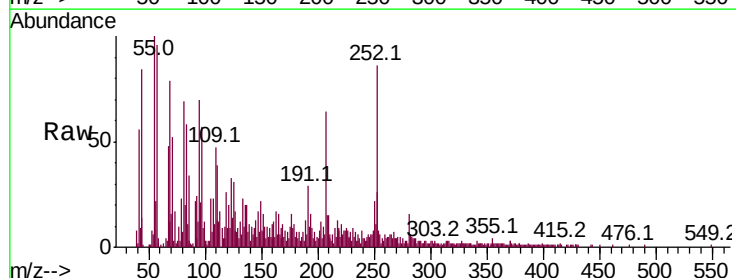
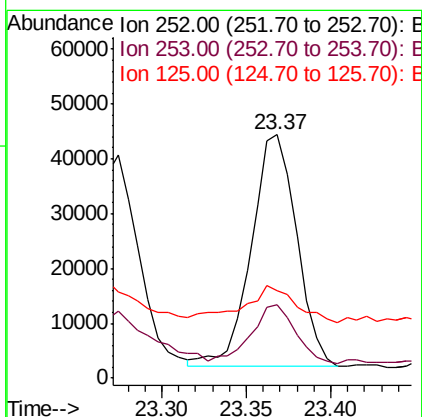
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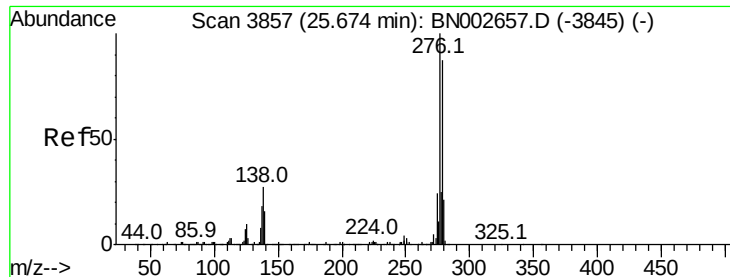
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#90
Benzo(a)pyrene
Concen: 2.170 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BN002663.D
Acq: 12 Sep 2018 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.2	25.8#
125	35.7	9.0	13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 1.623 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

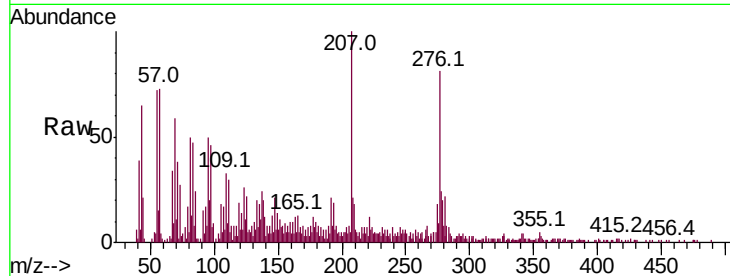
ClientSampled :

A3YY4

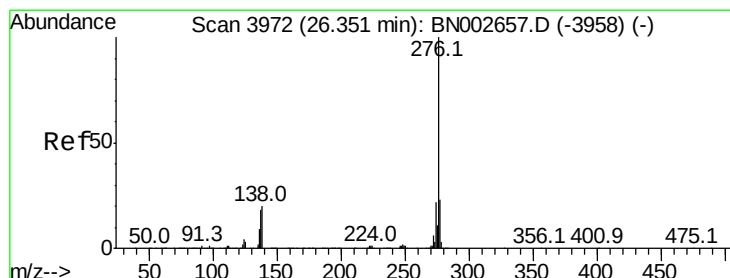
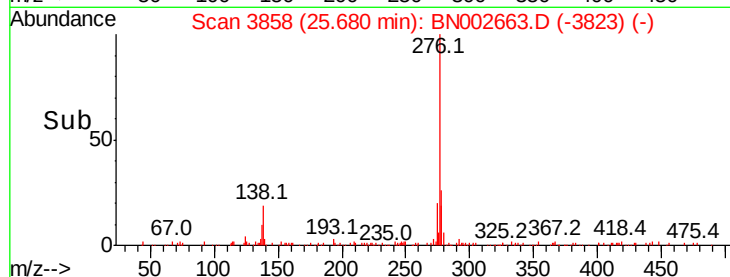
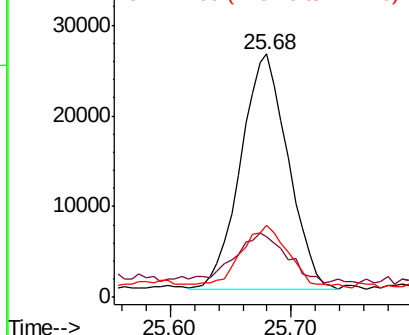
Tot Ion:	276	Resp:	70636
Ion Ratio	Lower	Upper	
276	100		
138	24.9	22.3	33.5
277	29.7	20.2	30.2

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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(g,h,i)perylene

Concen: 1.828 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Tgt Ion:	276	Resp:	66369
Ion Ratio	Lower	Upper	
276	100		
138	25.1	18.9	28.3
277	26.4	19.2	28.8

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

