

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002661.D
 Acq On : 12 Sep 2018 18:52
 Operator : JU/SJ
 Sample : J4792-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ0

Manual Integrations
 APPROVED

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 9/13/2018 5:41:16 PM

Quant Time: Sep 13 06:48:53 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	177407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	797590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	451173	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	898182	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	634317	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	608225	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9949	2.65	ng/uL	0.00
5) Phenol-d5	6.85	99	261211	16.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	174264	17.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	214462	17.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	182582	14.04	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	113538	17.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	120151	18.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	206982	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	225614	17.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	750131	20.06	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	914338	19.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	2945	0.42	ng/ul	0.04
57) Fluorene-d10	15.29	176	635805	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	4540	0.79	ng/ul	0.01
70) Anthracene-d10	17.14	188	863587	20.13	ng/ul	0.00
78) Pyrene-d10	19.45	212	829776	27.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	666171	20.95	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.88	94	20873	1.260	ng/ul	92
44) Dimethylphthalate	13.75	163	514087	14.015	ng/ul	99
69) Phenanthrene	17.09	178	443348	8.954	ng/ul	99
71) Anthracene	17.17	178	91506	1.822	ng/ul	95
76) Fluoranthene	19.11	202	750893	13.324	ng/ul	100
79) Pyrene	19.47	202	646408	16.901	ng/ul	98
82) Benzo(a)anthracene	21.23	228	268821	6.918	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.16	149	260677	10.724	ng/ul	98
84) Chrysene	21.28	228	245524	6.675	ng/ul	96
87) Benzo(b)fluoranthene	22.80	252	243730	6.685	ng/ul#	92
88) Benzo(k)fluoranthene	22.84	252	96434m	2.808	ng/ul	
90) Benzo(a)pyrene	23.37	252	175913	5.065	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.67	276	113799	2.754	ng/ul	96
93) Benzo(g,h,i)perylene	26.36	276	96825	2.809	ng/ul	98

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

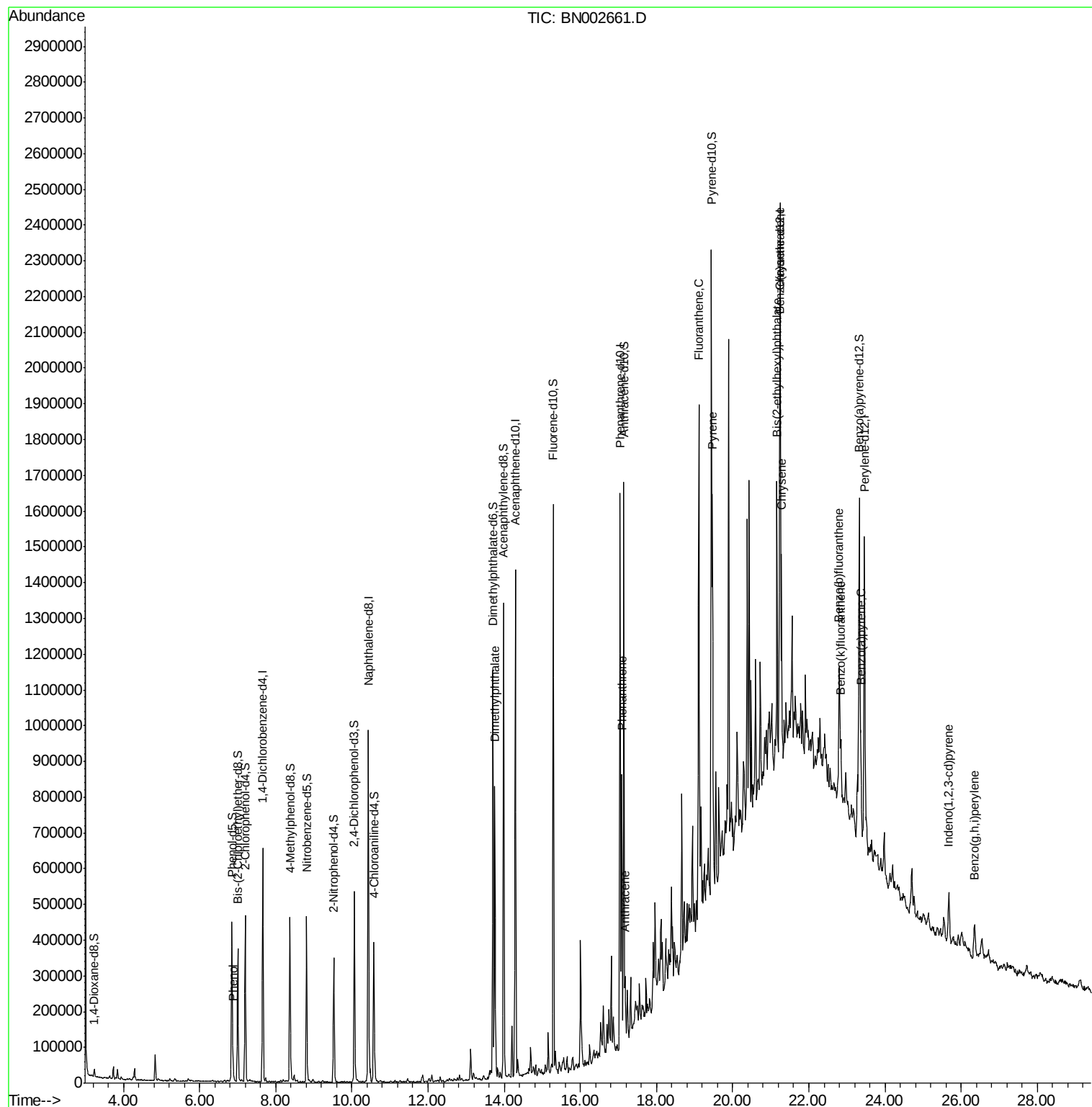
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

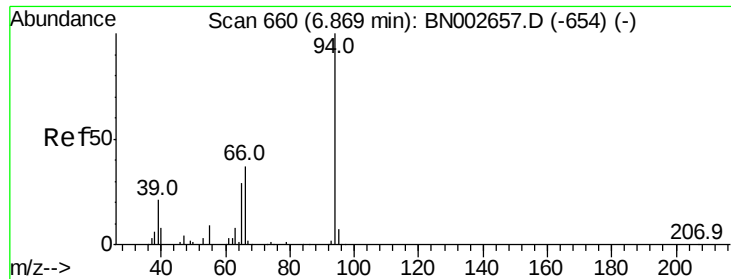
Instrument :
BNA_N
ClientSampleId :
A3YZ0

Quant Time: Sep 13 06:48:53 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

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#6

Phenol

Concen: 1.260 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.01 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Instrument :

BNA_N

ClientSampleId :

A3YZ0

Tot Ion: 94 Resp: 20873

Ion Ratio Lower Upper

94 100

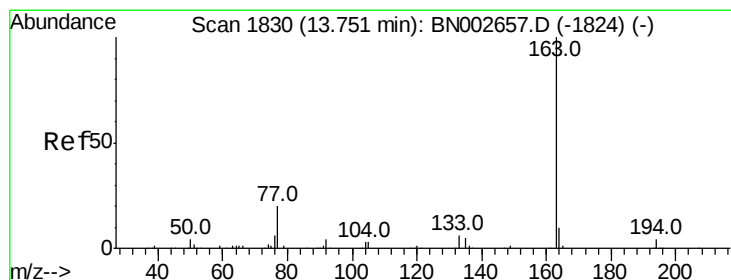
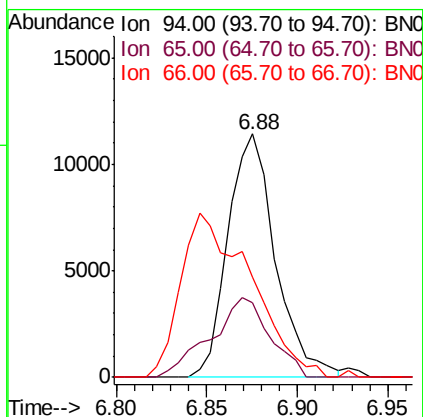
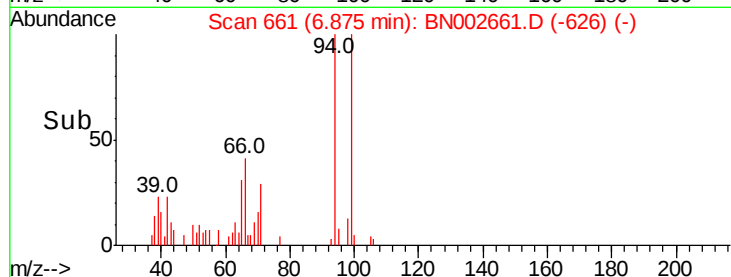
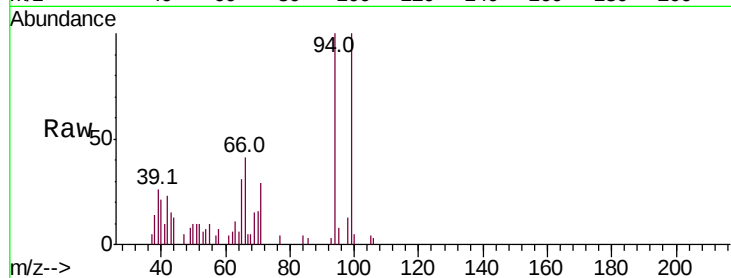
65 30.6 21.0 31.6

66 41.4 29.3 43.9

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#44

Dimethylphthalate

Concen: 14.015 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

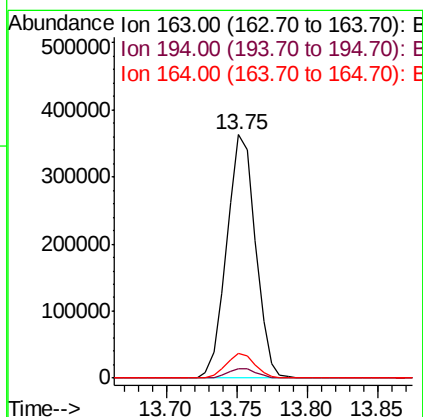
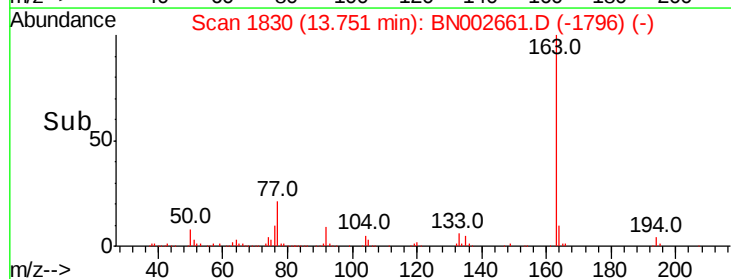
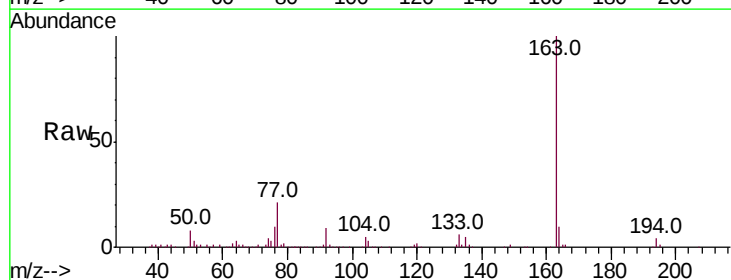
Tgt Ion: 163 Resp: 514087

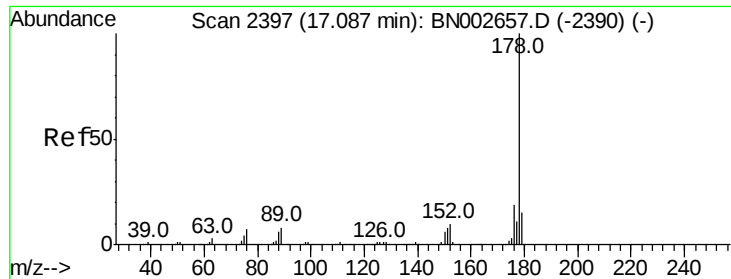
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 7.8 11.8





#69

Phenanthrene

Concen: 8.954 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Instrument :

BNA_N

ClientSampled :

A3YZ0

Tot Ion:178 Resp: 443348

Ion Ratio Lower Upper

178 100

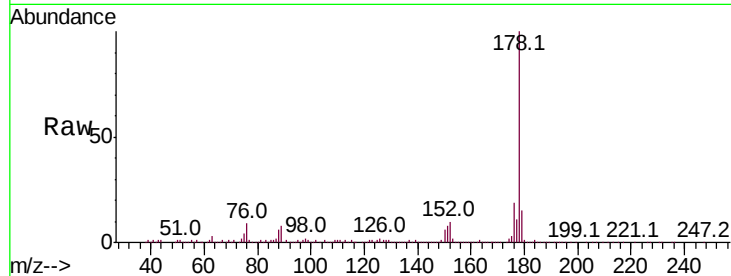
179 15.1 12.2 18.4

176 19.0 15.6 23.4

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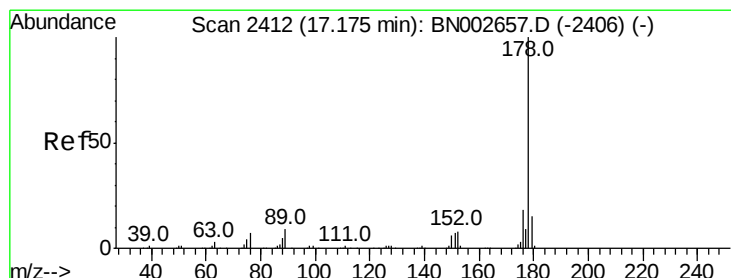
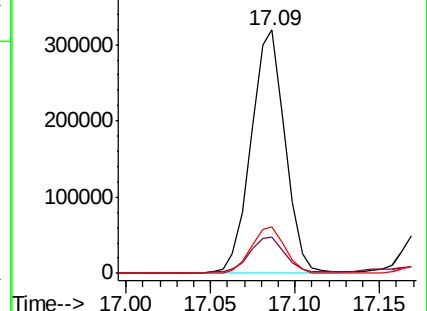
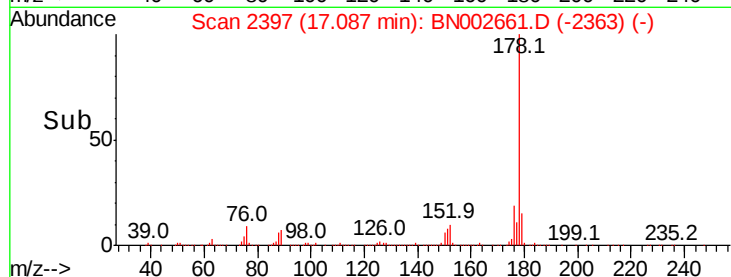
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.822 ng/ul

RT: 17.17 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

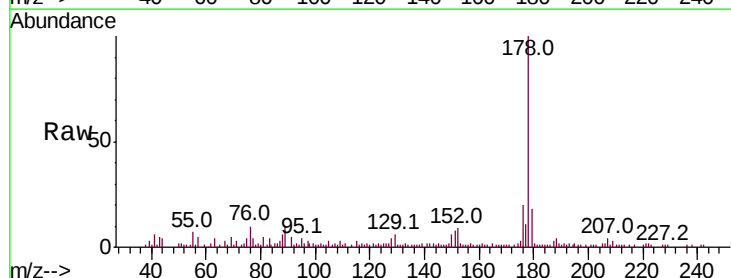
Tgt Ion:178 Resp: 91506

Ion Ratio Lower Upper

178 100

179 18.0 12.1 18.1

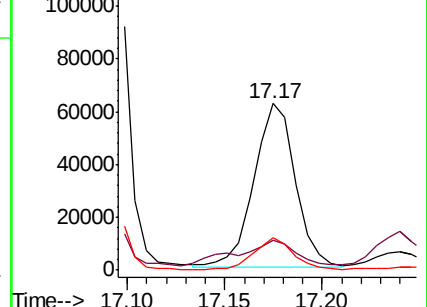
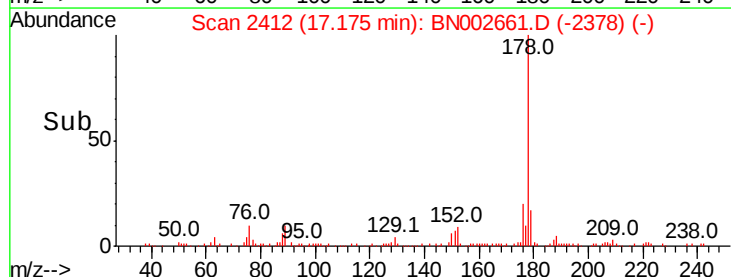
176 19.9 14.8 22.2

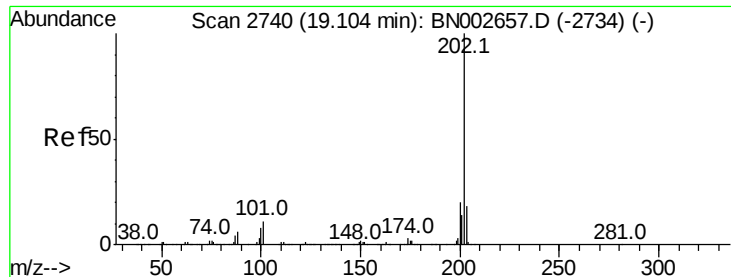


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 13.324 ng/ul

RT: 19.11 min Scan# 2741

Delta R.T. 0.01 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Instrument :

BNA_N

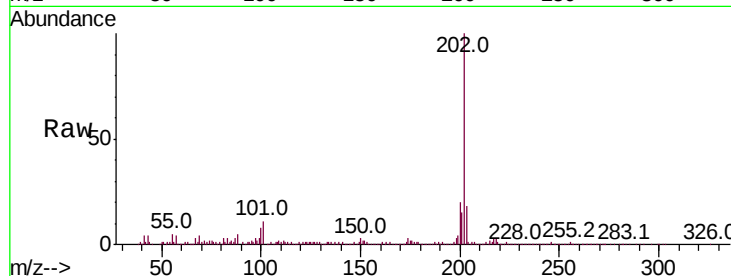
ClientSampled :

A3YZ0

Tot Ion:	202	Resp:	750893
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.8	13.2
100	8.1	6.6	9.8

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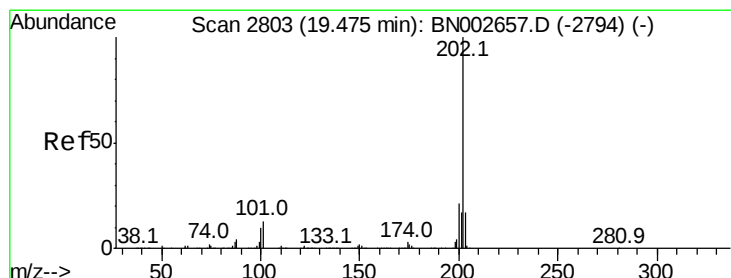
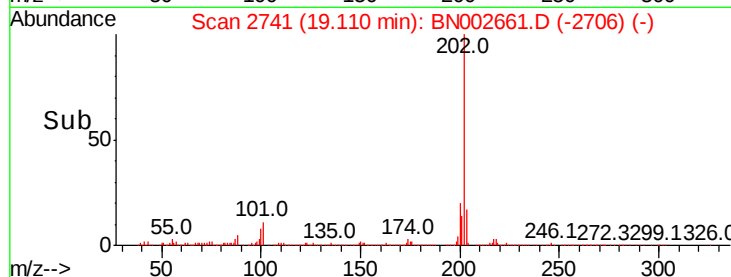
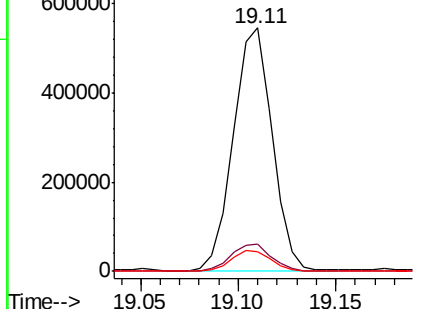
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 16.901 ng/ul

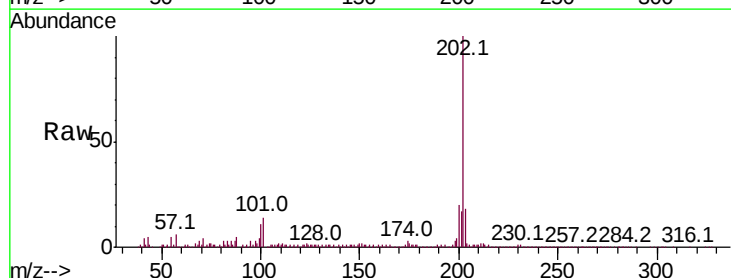
RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

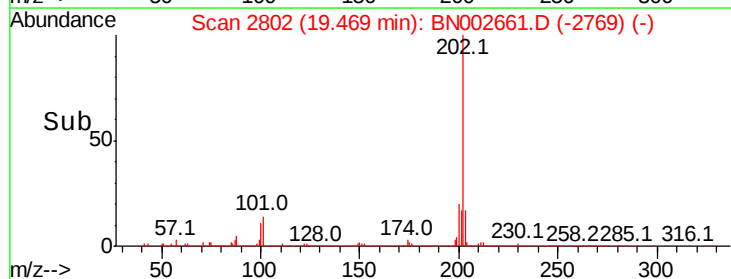
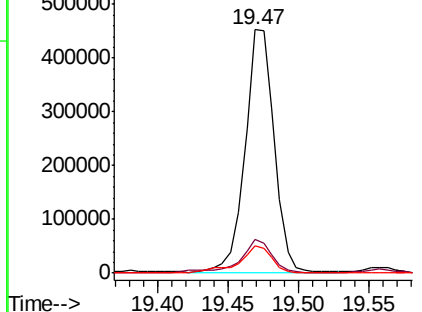
Tgt Ion:	202	Resp:	646408
Ion Ratio	Lower	Upper	
202	100		
101	13.8	10.2	15.2
100	11.1	8.5	12.7

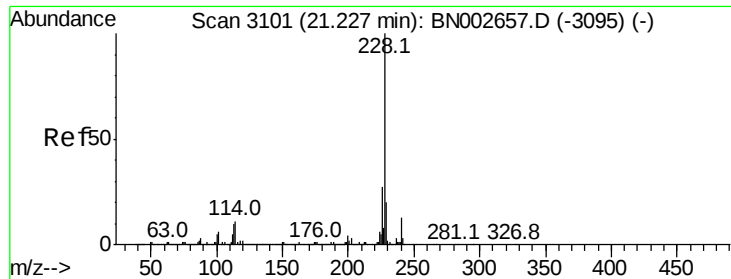


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 6.918 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Instrument :

BNA_N

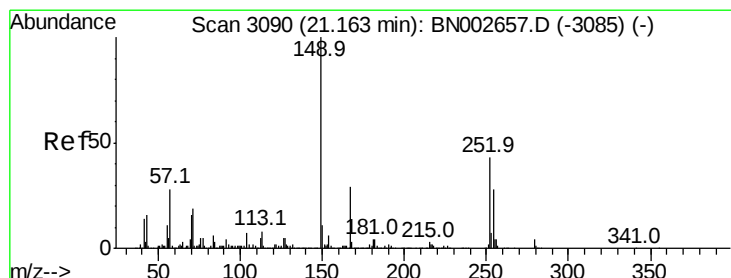
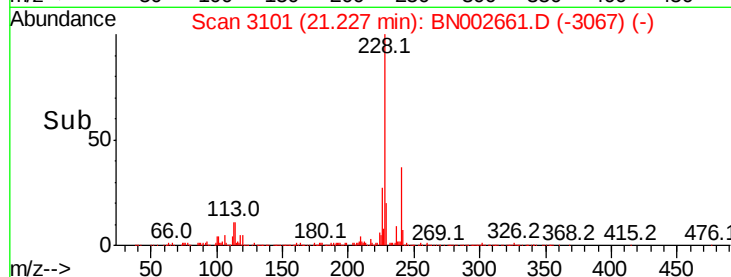
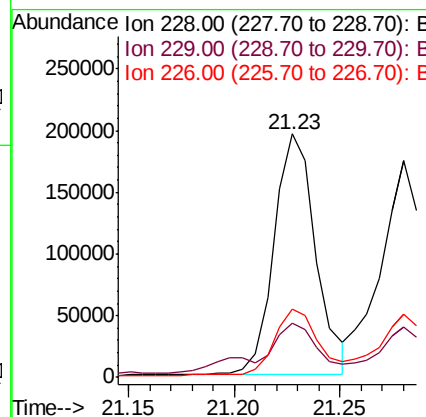
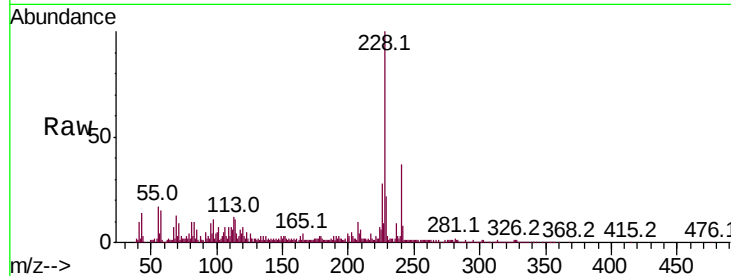
ClientSampleId :

A3YZ0

Tot Ion:	228	Resp:	268821
Ion Ratio	Lower	Upper	
228	100		
229	22.3	15.7	23.5
226	28.1	21.8	32.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 10.724 ng/ul

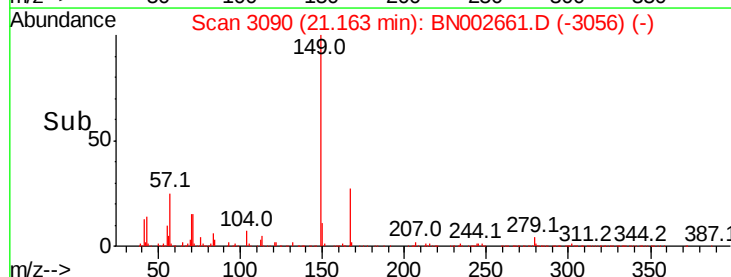
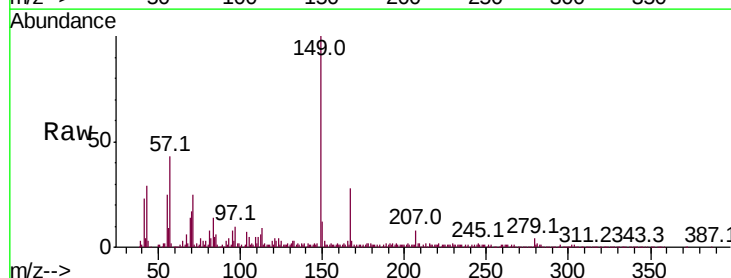
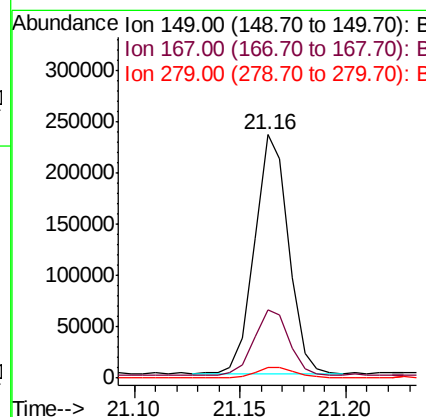
RT: 21.16 min Scan# 3090

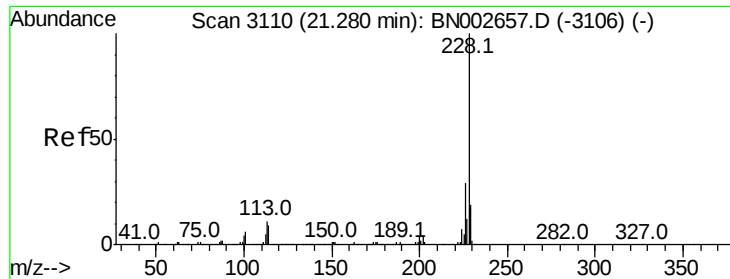
Delta R.T. 0.00 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Tgt Ion:	149	Resp:	260677
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.6	32.4
279	4.1	3.0	4.4





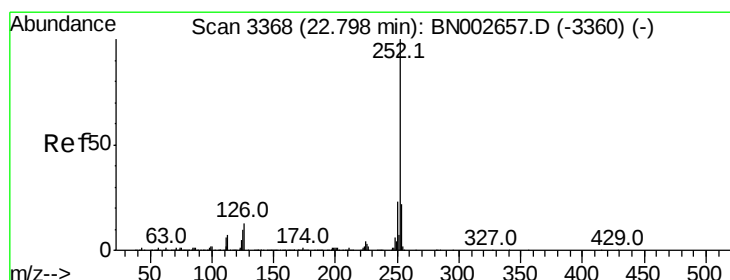
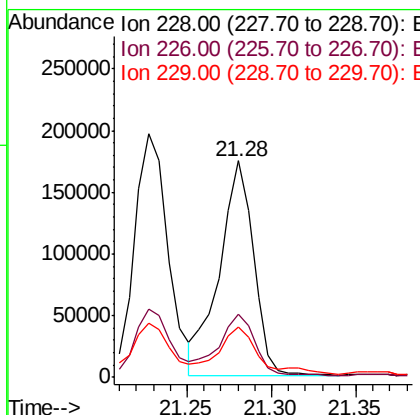
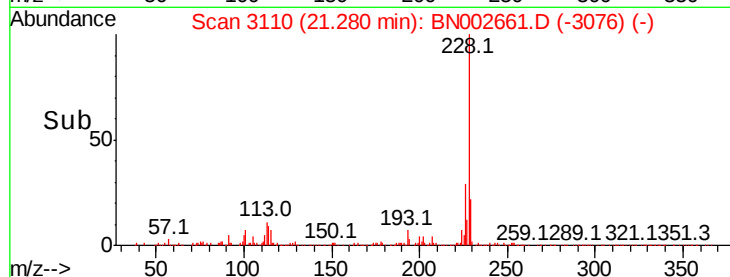
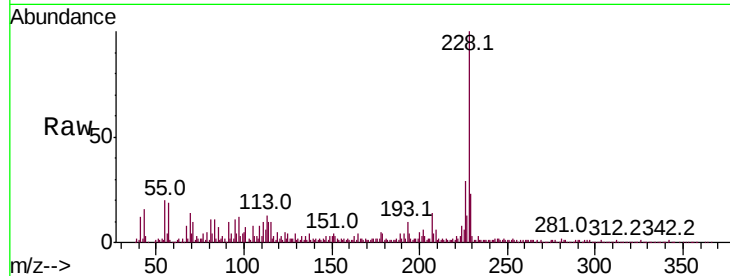
#84
Chrysene
Concen: 6.675 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BN002661.D
Acq: 12 Sep 2018 18:52

Instrument :
BNA_N
ClientSampled :
A3YZ0

Tot Ion	Ratio	Resp	Lower	Upper
228	100	245524		
226	29.3	24.0	36.0	
229	23.3	15.6	23.4	

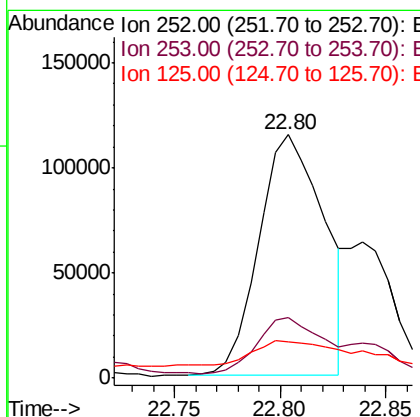
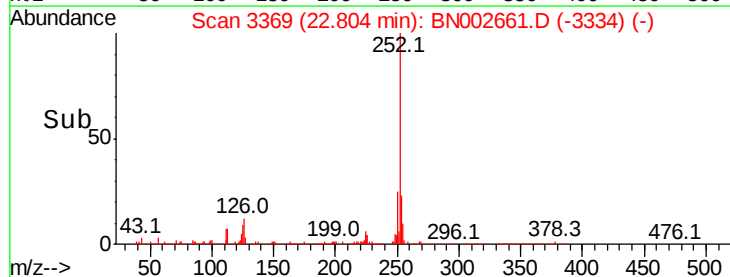
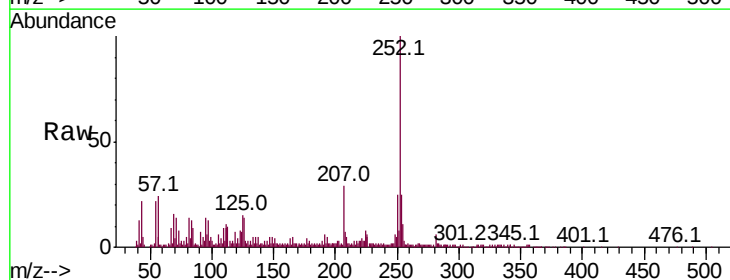
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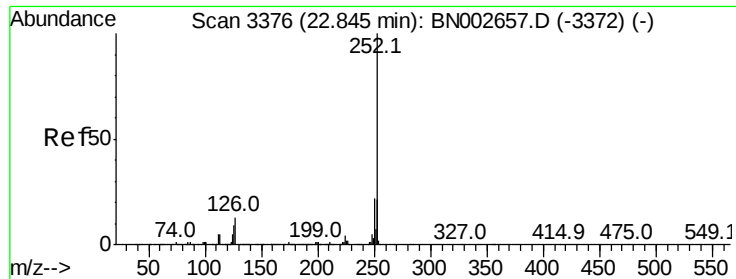
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#87
Benzo(b)fluoranthene
Concen: 6.685 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BN002661.D
Acq: 12 Sep 2018 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	243730		
253	24.7	17.5	26.3	
125	14.9	8.5	12.7#	





#88

Benzo(k)fluoranthene

Concen: 2.808 ng/ul m

RT: 22.84 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Instrument :

BNA_N

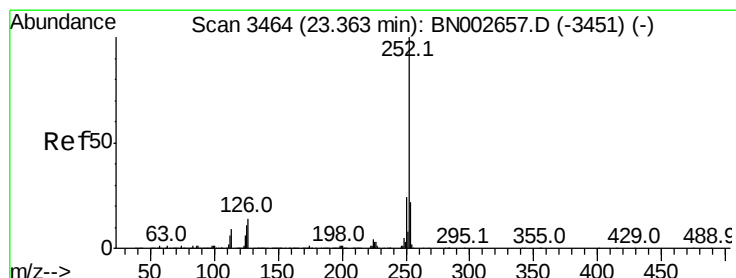
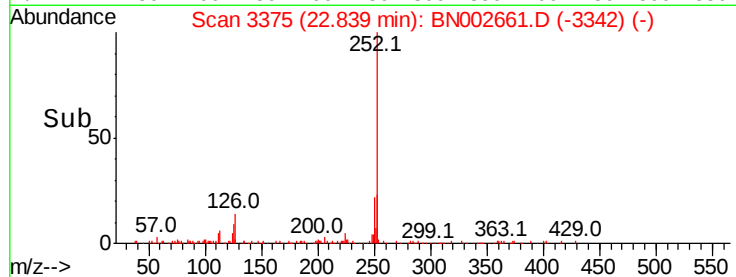
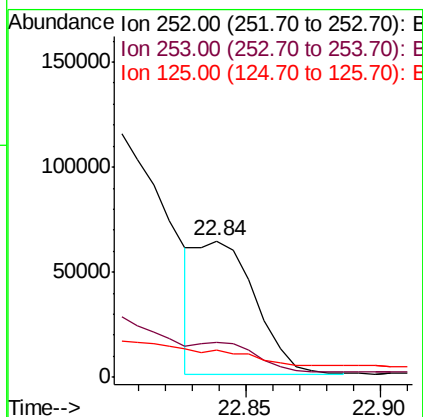
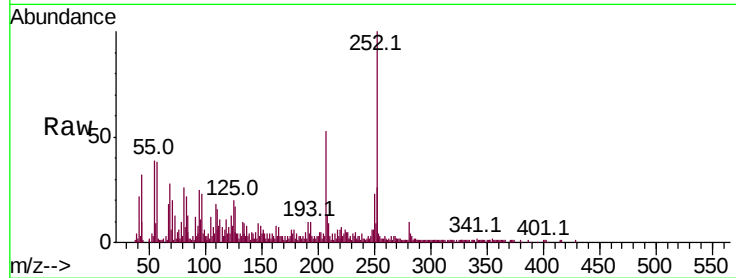
ClientSampleId :

A3YZ0

Tot Ion:	252	Resp:	96434
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.3	25.9#
125	19.6	8.2	12.2#

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#90

Benzo(a)pyrene

Concen: 5.065 ng/ul

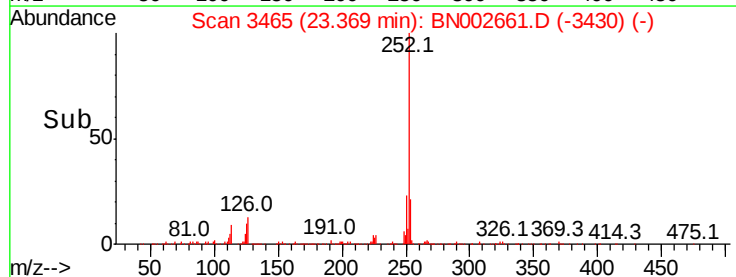
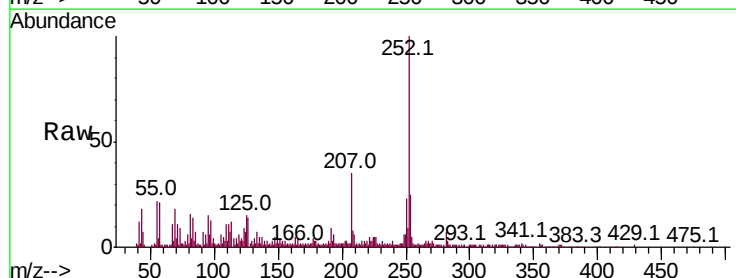
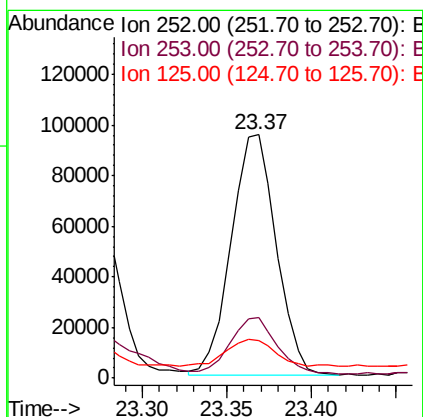
RT: 23.37 min Scan# 3465

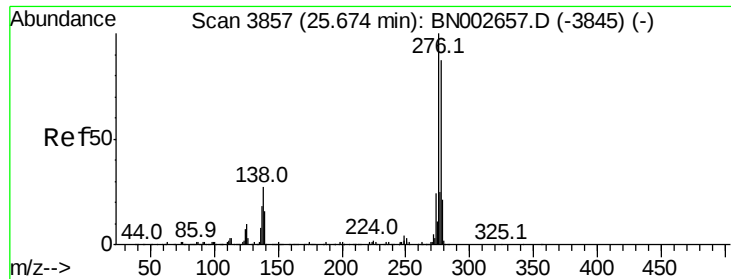
Delta R.T. 0.01 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Tgt Ion:	252	Resp:	175913
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.2	25.8
125	15.3	9.0	13.6#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.754 ng/ul

RT: 25.67 min Scan# 3857

Delta R.T. 0.00 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Instrument :

BNA_N

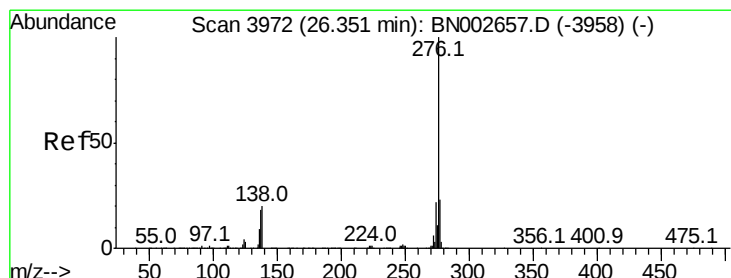
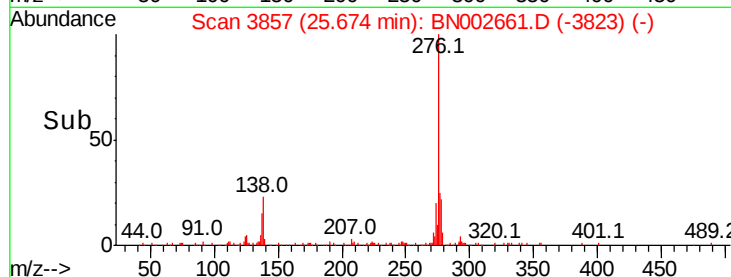
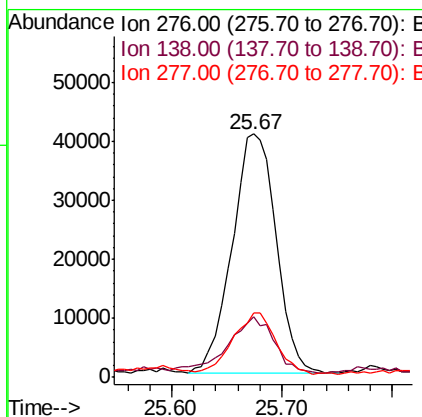
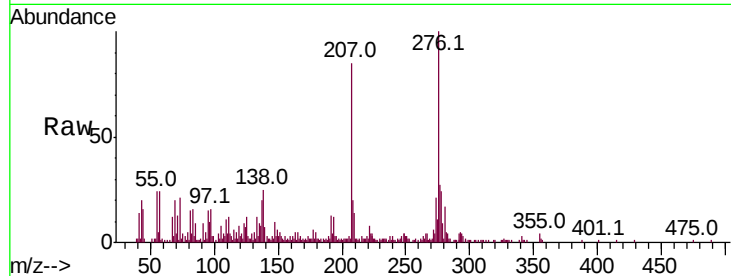
ClientSampled :

A3YZ0

Tot Ion:	276	Resp:	113799
Ion Ratio	Lower	Upper	
276	100		
138	25.1	22.3	33.5
277	26.7	20.2	30.2

Manual Integrations
APPROVED

Sohil
9/13/2018 5:41:16 PM



#93

Benzo(g,h,i)perylene

Concen: 2.809 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BN002661.D

Acq: 12 Sep 2018 18:52

Tgt Ion:	276	Resp:	96825
Ion Ratio	Lower	Upper	
276	100		
138	22.6	18.9	28.3
277	24.7	19.2	28.8

