

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004291.D
 Acq On : 29 Dec 2018 09:07
 Operator : JU/SJ
 Sample : J6428-15
 Misc : GCMS Confirmation
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W8

Manual Integrations
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Quant Time: Dec 30 23:17:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 28 03:12:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	31349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	136148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	88786	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	225053	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	248781	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	243928	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Qvalue	
58) Fluorene	15.51	166	8438	1.119	ng/ul	97
69) Phenanthrene	17.25	178	168125	12.929	ng/ul	100
71) Anthracene	17.34	178	13938	1.046	ng/ul	99
76) Fluoranthene	19.26	202	246336	15.455	ng/ul	99
79) Pyrene	19.63	202	159736	11.493	ng/ul	99
82) Benzo(a)anthracene	21.38	228	92127	5.939	ng/ul	99
84) Chrysene	21.43	228	100617	6.924	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	100203	6.858	ng/ul#	97
88) Benzo(k)fluoranthene	23.05	252	35082m	2.564	ng/ul	

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

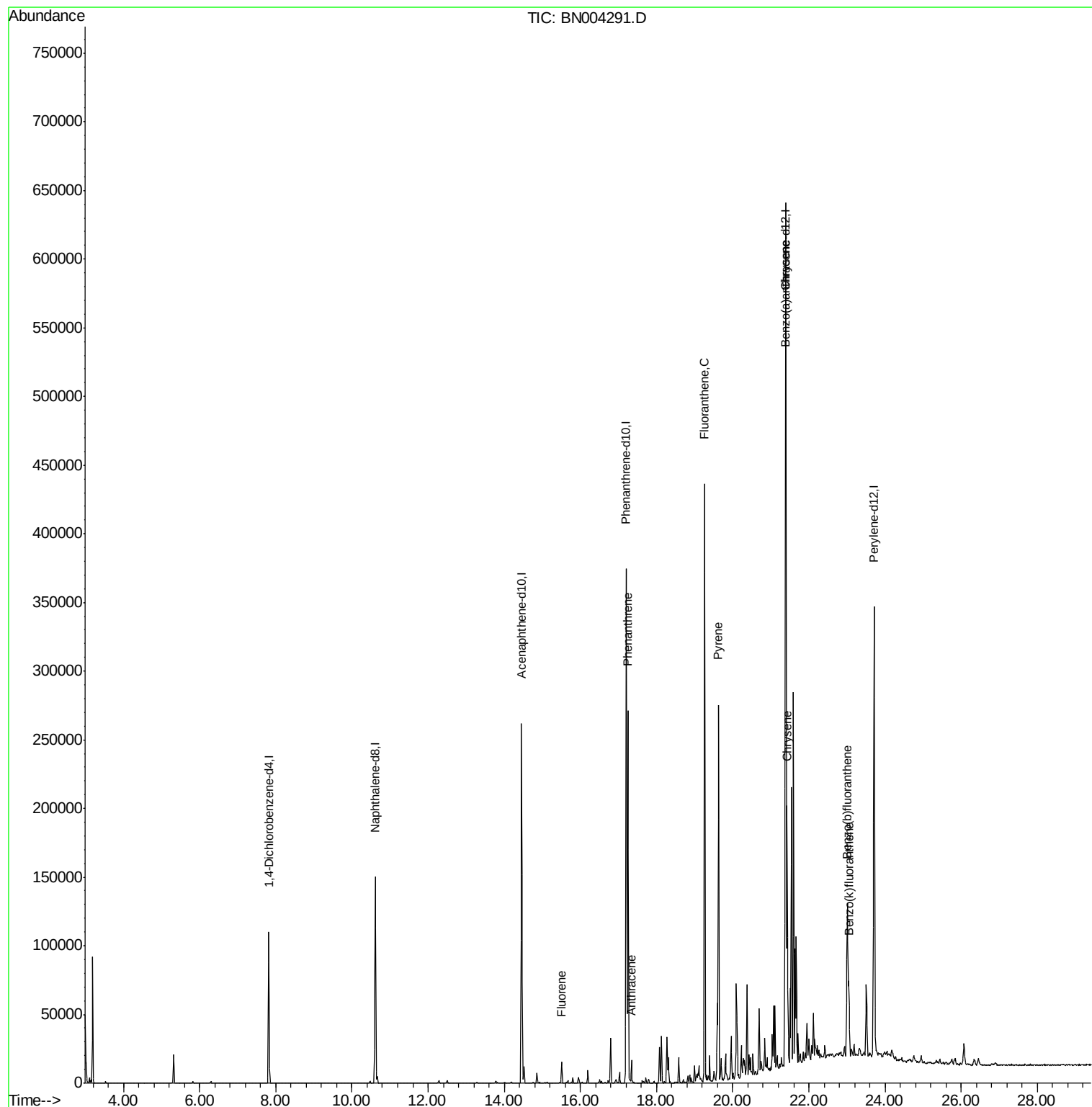
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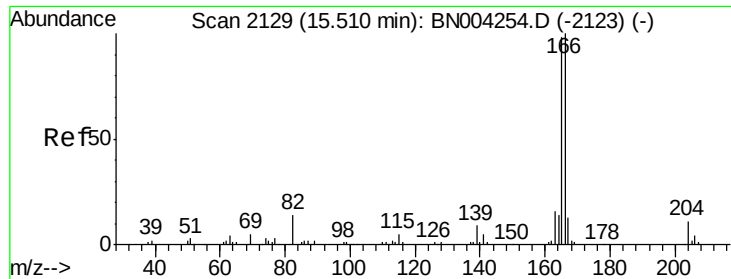
Instrument :
BNA_N
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Quant Time: Dec 30 23:17:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
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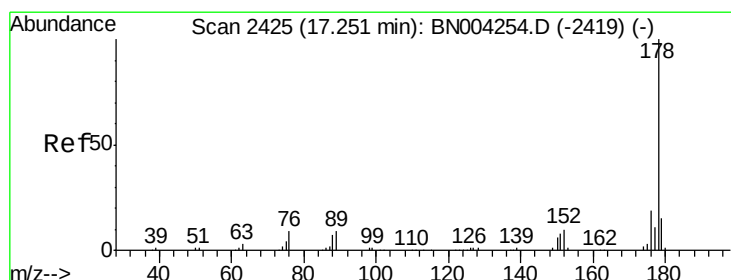
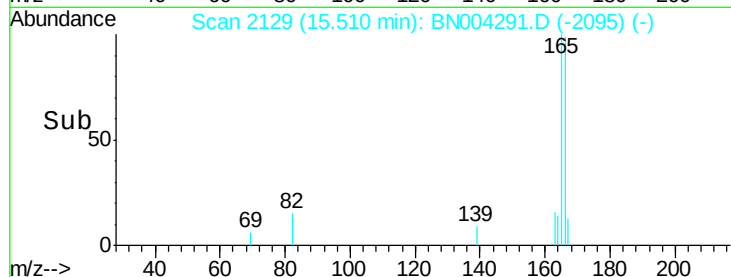
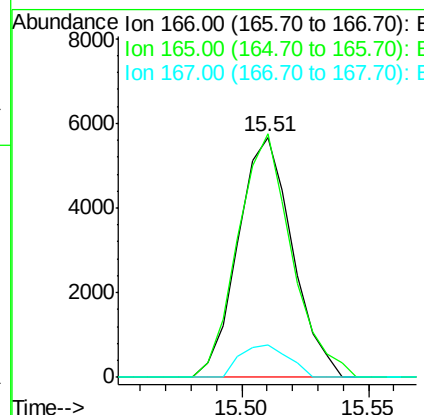
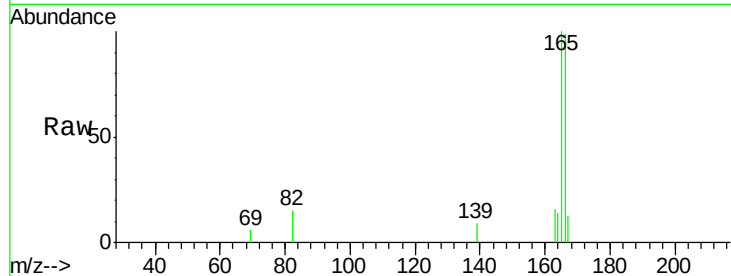
#58
 Fluorene
 Concen: 1.119 ng/ul
 RT: 15.51 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BN004291.D
 Acq: 29 Dec 2018 09:07

Instrument :
 BNA_N
 ClientSampleId :
 A41W8

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	78.6	117.8
167	13.3	10.3	15.5

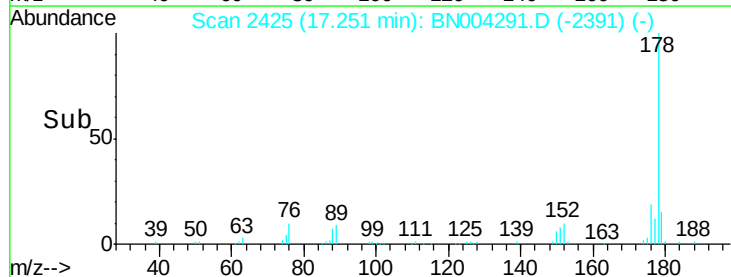
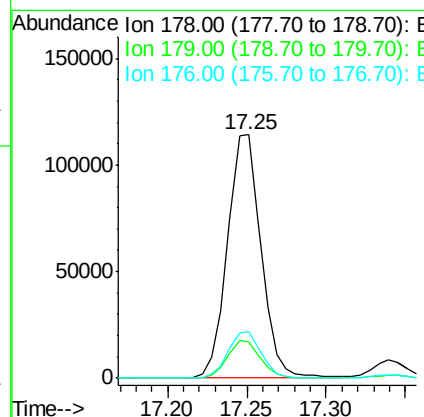
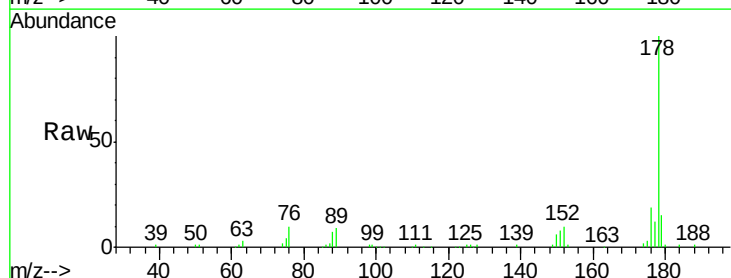
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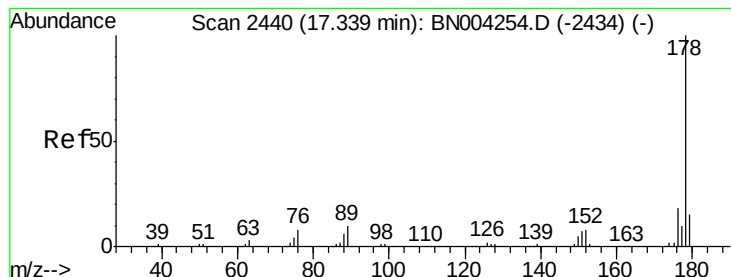
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#69
 Phenanthrene
 Concen: 12.929 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BN004291.D
 Acq: 29 Dec 2018 09:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	19.0	15.0	22.6





#71

Anthracene

Concen: 1.046 ng/ul

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

Instrument :

BNA_N

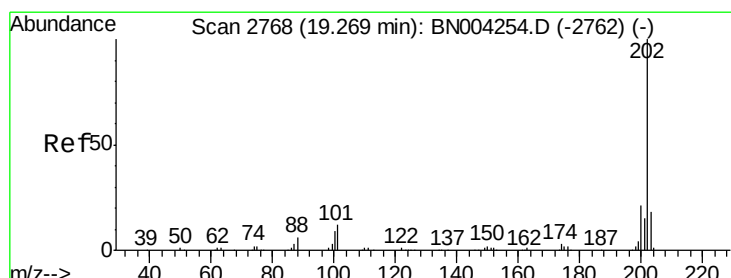
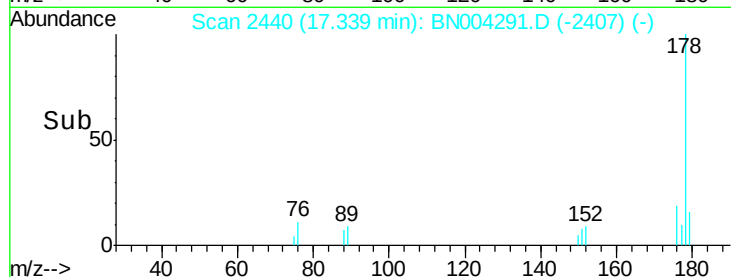
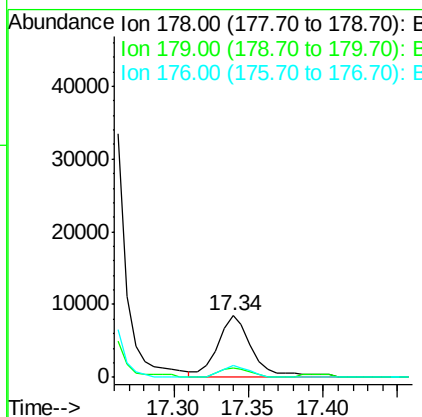
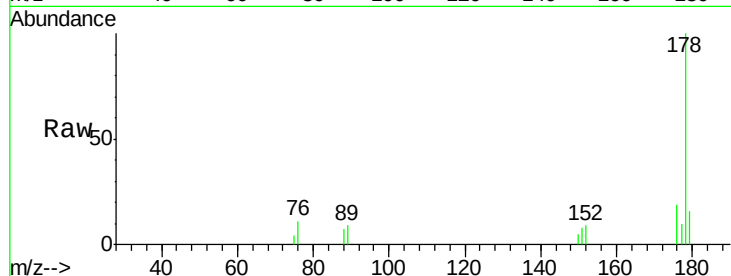
ClientSampleId :

A41W8

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	13938		
179	15.7	12.1	18.1	
176	18.7	15.2	22.8	

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#76

Fluoranthene

Concen: 15.455 ng/ul

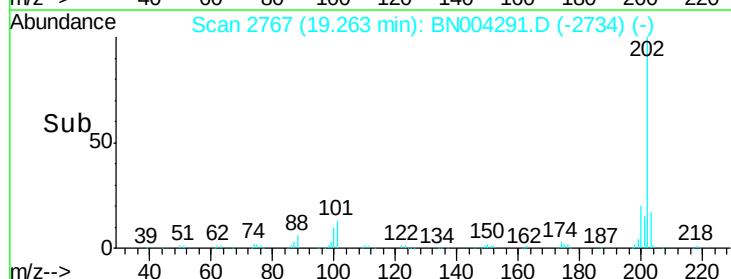
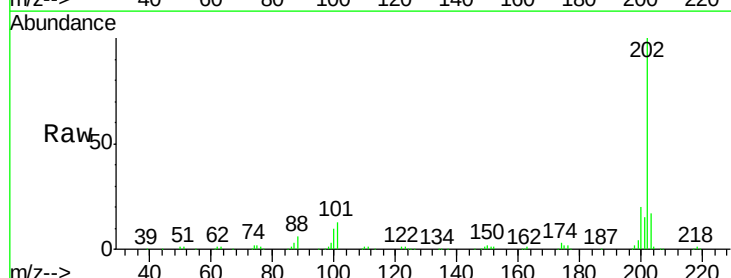
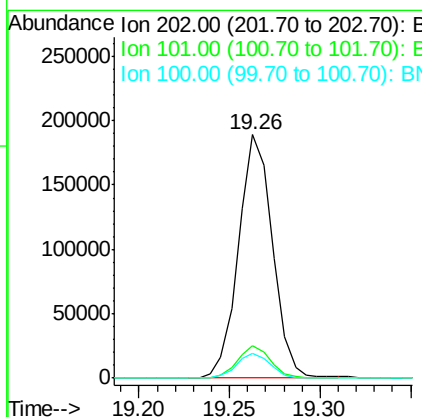
RT: 19.26 min Scan# 2767

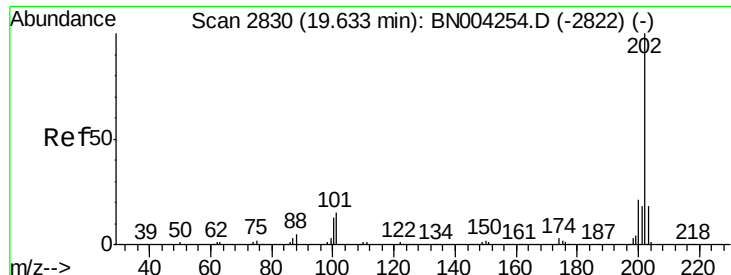
Delta R.T. -0.01 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	246336		
101	13.4	10.2	15.2	
100	10.1	7.8	11.8	





#79

Pyrene

Concen: 11.493 ng/ul

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

Instrument :

BNA_N

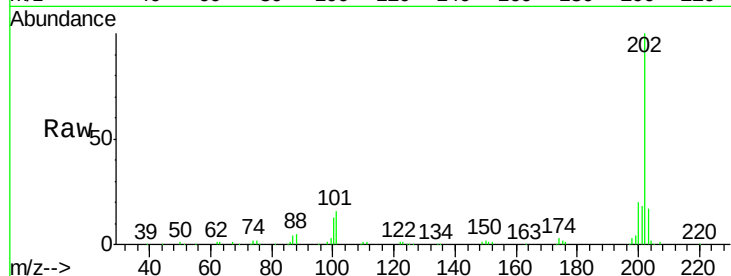
ClientSampleId :

A41W8

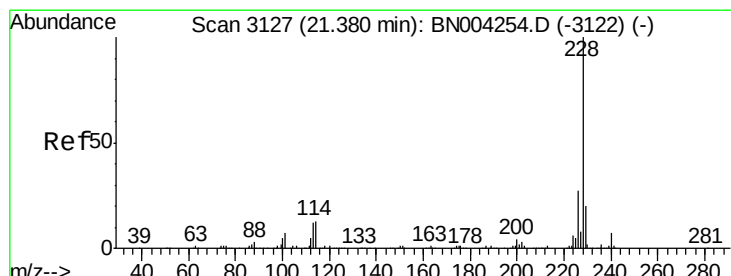
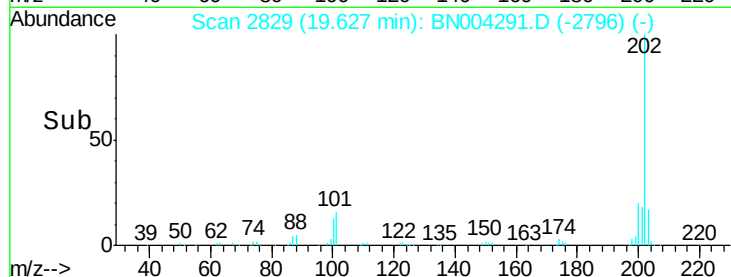
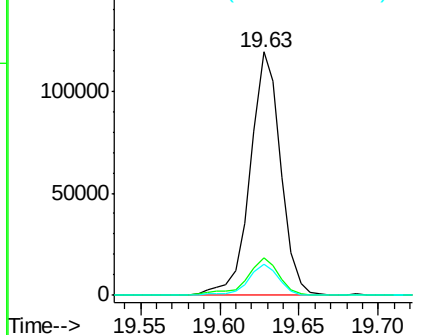
Tgt Ion:	202	Resp:	159736
Ion Ratio	Lower	Upper	
202	100		
101	15.5	12.2	18.2
100	12.9	9.9	14.9

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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



#82

Benzo(a)anthracene

Concen: 5.939 ng/ul

RT: 21.38 min Scan# 3127

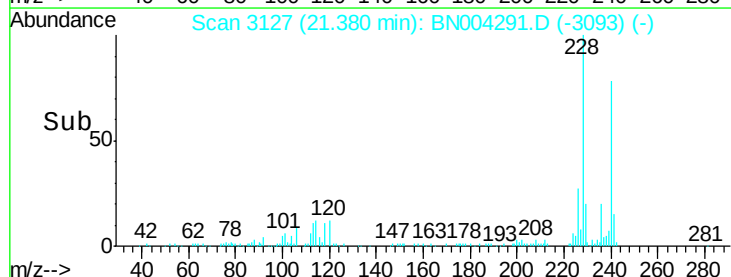
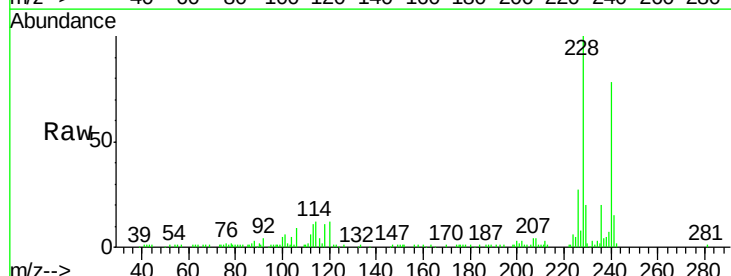
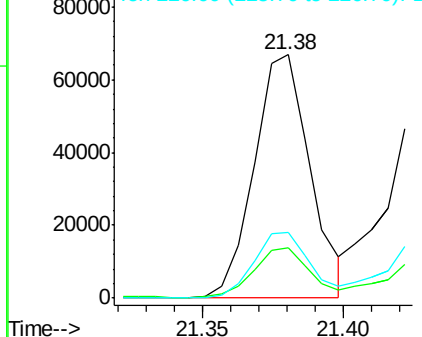
Delta R.T. 0.00 min

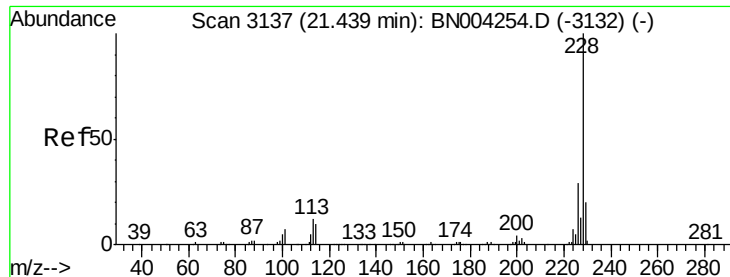
Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

Tgt Ion:	228	Resp:	92127
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.9	23.9
226	26.8	21.4	32.2

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: 6.924 ng/ul

RT: 21.43 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

Instrument :

BNA_N

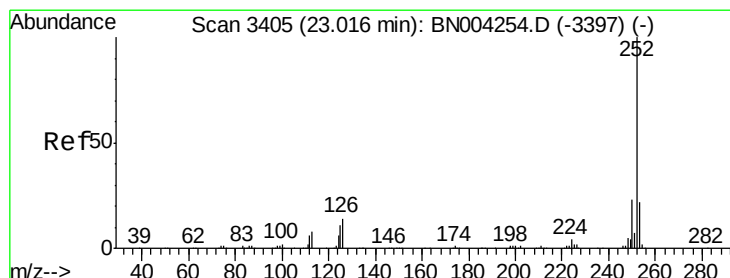
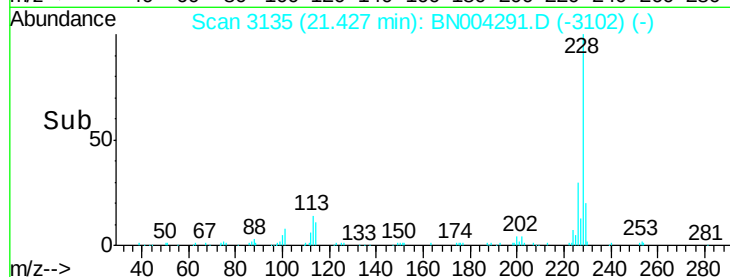
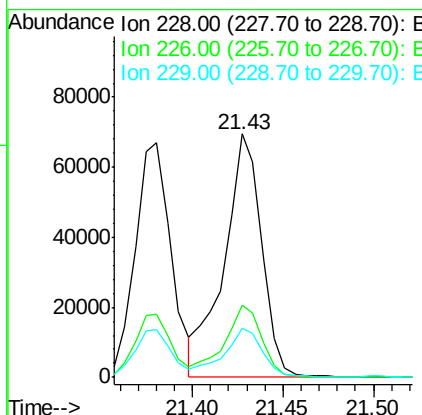
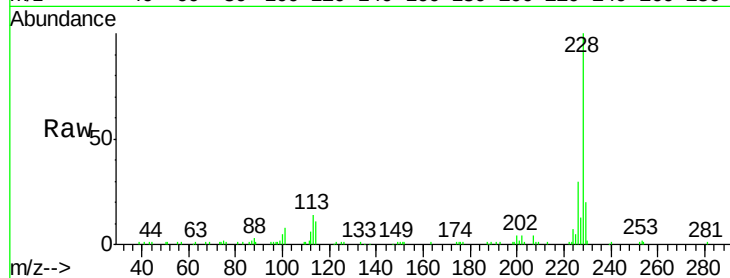
ClientSampleId :

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Tgt Ion:	228	Resp:	100617
Ion Ratio		Lower	Upper
228	100		
226	29.6	23.8	35.8
229	20.0	15.8	23.6

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#87

Benzo(b)fluoranthene

Concen: 6.858 ng/ul

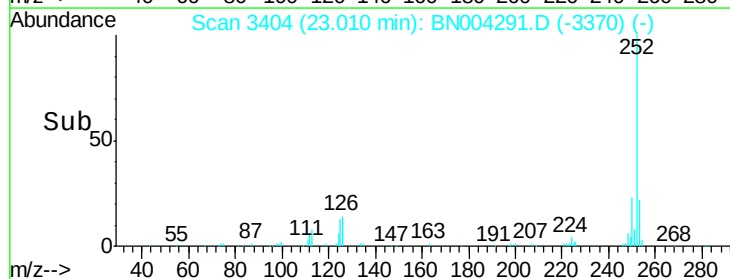
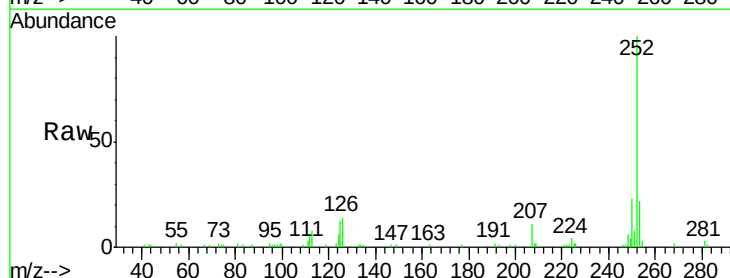
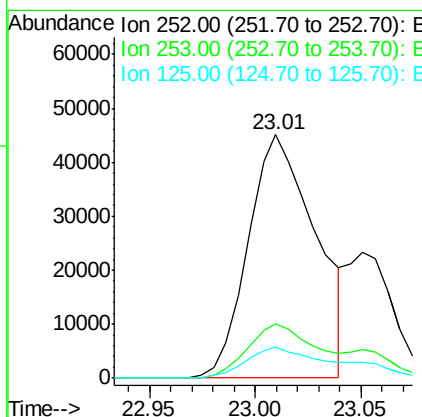
RT: 23.01 min Scan# 3404

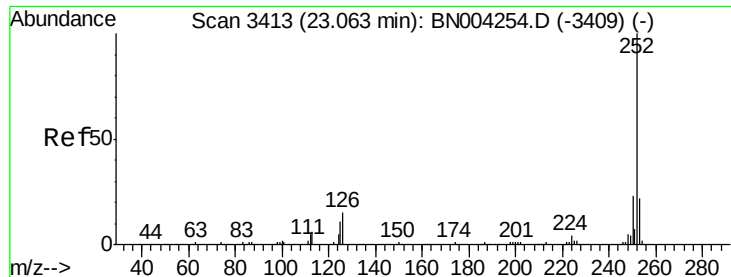
Delta R.T. 0.00 min

Lab File: BN004291.D

Acq: 29 Dec 2018 09:07

Tgt Ion:	252	Resp:	100203
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.3	25.9
125	12.7	8.2	12.4#





#88

Benzo(k)fluoranthene

Concen: 2.564 ng/ul m

RT: 23.05 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BN004291.D

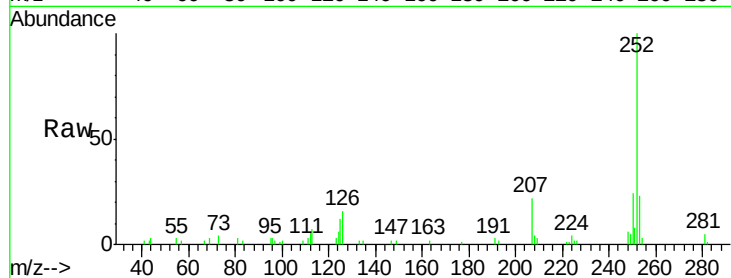
Acq: 29 Dec 2018 09:07

Instrument :

BNA_N

ClientSampleId :

A41W8



Tgt Ion: 252 Resp: 35082

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

125 12.2 7.9 11.9#

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