

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004299.D
 Acq On : 29 Dec 2018 13:49
 Operator : JU/SJ
 Sample : J6428-07
 Misc : GCMS Confirmation
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W1

Manual Integrations
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Quant Time: Dec 31 01:49:30 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	26053	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	125266	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	89685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	209888	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	236790	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	211959	20.00	ng/ul	0.00

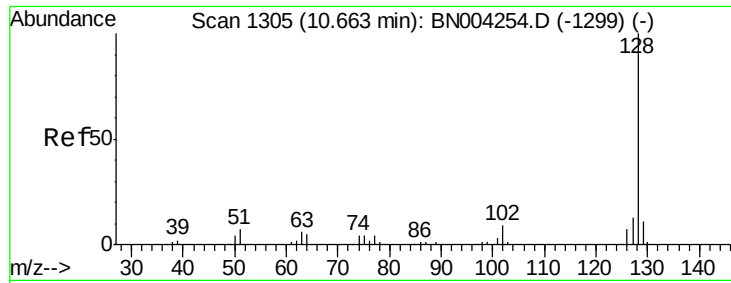
System Monitoring Compounds

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
28) Naphthalene	10.66	128	11531	1.716 ng/ul	98
49) Acenaphthene	14.52	153	8712	1.352 ng/ul	99
53) Dibenzofuran	14.86	168	21105	2.308 ng/ul	98
58) Fluorene	15.51	166	21817	2.865 ng/ul	99
69) Phenanthrene	17.25	178	314273	25.915 ng/ul	100
71) Anthracene	17.34	178	21125	1.699 ng/ul	99
76) Fluoranthene	19.27	202	385303	25.921 ng/ul	100
79) Pyrene	19.63	202	220488	16.667 ng/ul	99
82) Benzo(a)anthracene	21.37	228	132676	8.985 ng/ul	99
84) Chrysene	21.43	228	143993	10.411 ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	111072	8.748 ng/ul	97
88) Benzo(k)fluoranthene	23.05	252	40881m	3.439 ng/ul	

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



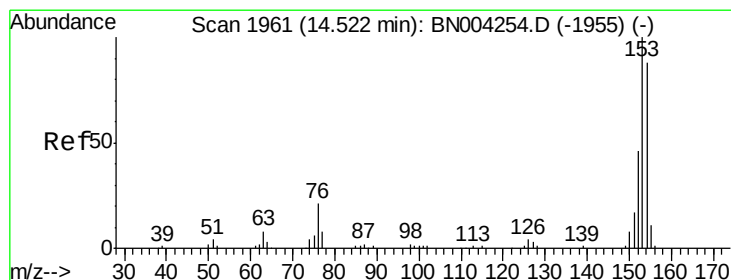
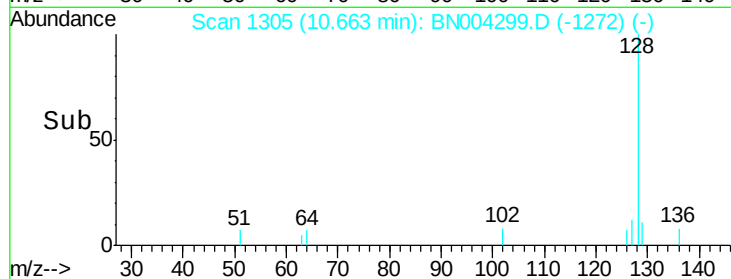
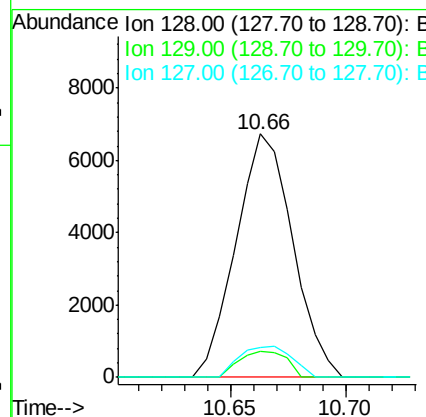
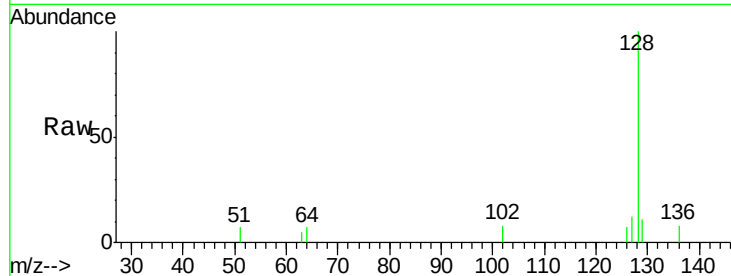
#28
Naphthalene
Concen: 1.716 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BN004299.D
Acq: 29 Dec 2018 13:49

Instrument :
BNA_N
ClientSampleId :
A41W1

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.3	10.6	16.0

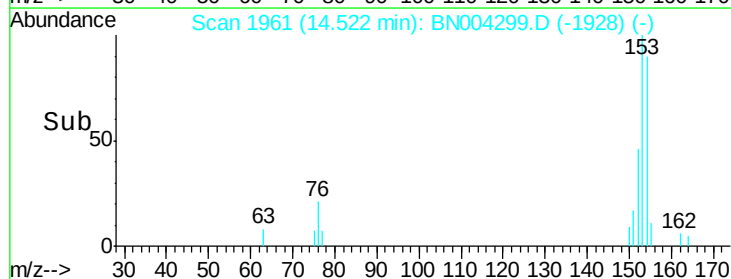
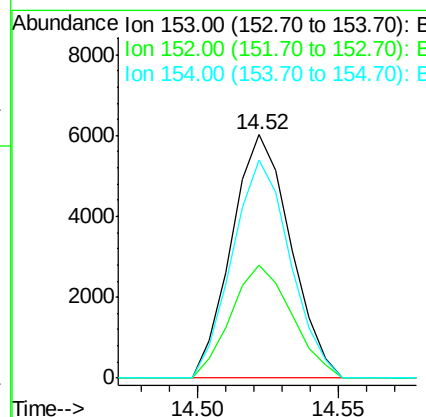
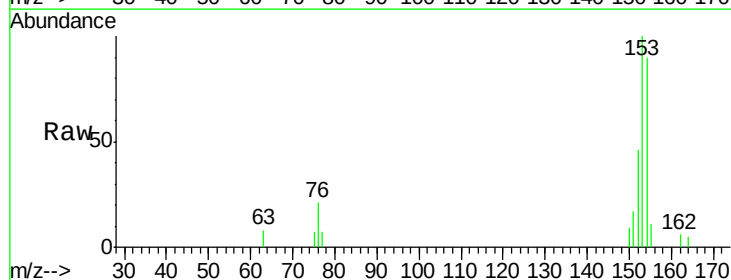
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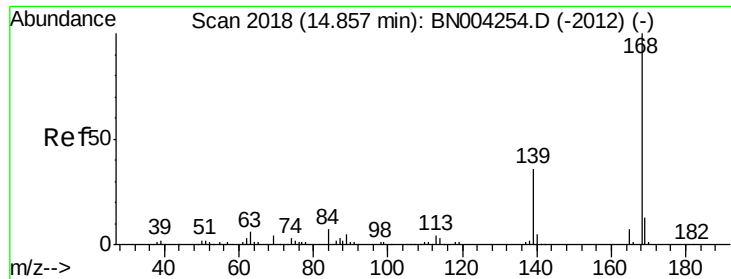
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#49
Acenaphthene
Concen: 1.352 ng/ul
RT: 14.52 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BN004299.D
Acq: 29 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.8	56.6
154	89.6	71.0	106.6





#53

Dibenzenofuran

Concen: 2.308 ng/ul

RT: 14.86 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Instrument :

BNA_N

ClientSampleId :

A41W1

Tgt Ion:168 Resp: 21105

Ion Ratio Lower Upper

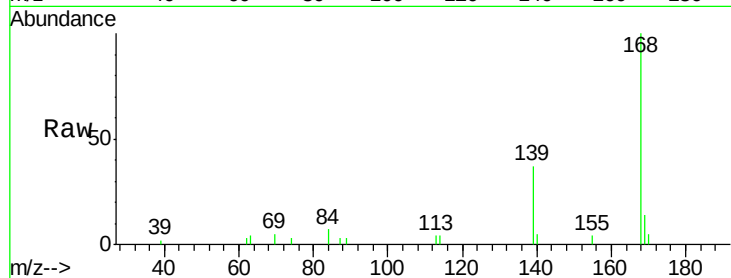
168 100

139 36.9 28.8 43.2

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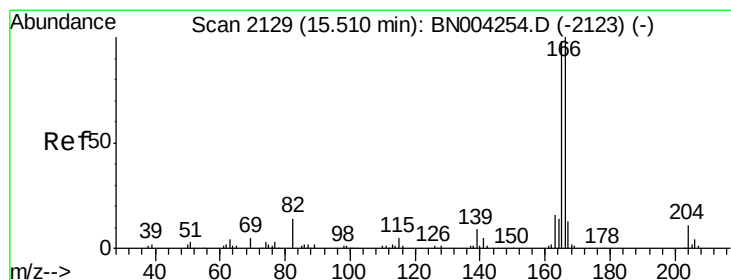
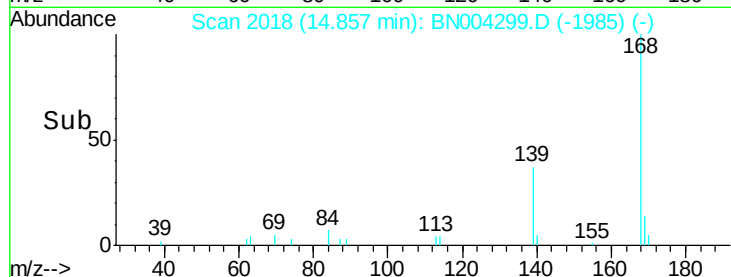
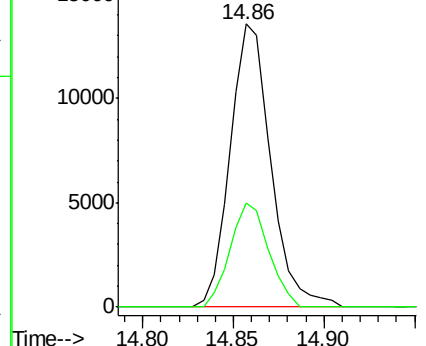
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 2.865 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

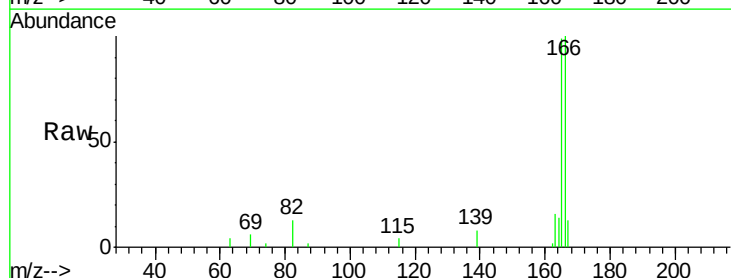
Tgt Ion:166 Resp: 21817

Ion Ratio Lower Upper

166 100

165 98.7 78.6 117.8

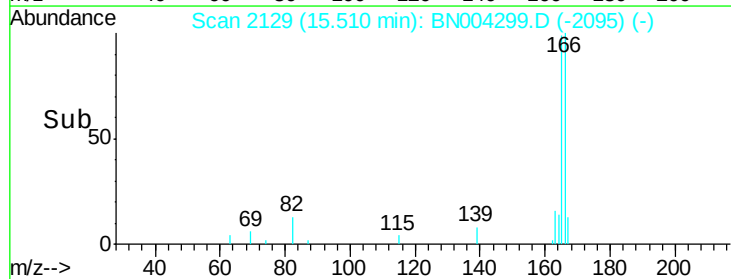
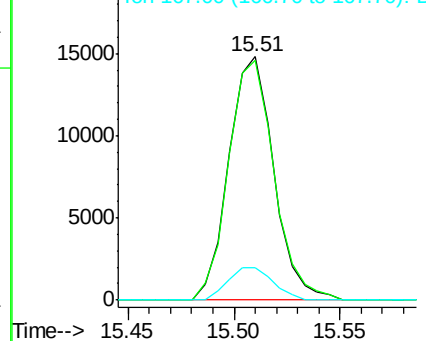
167 13.4 10.3 15.5

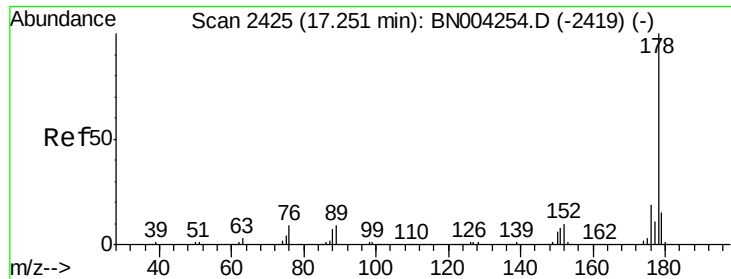


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





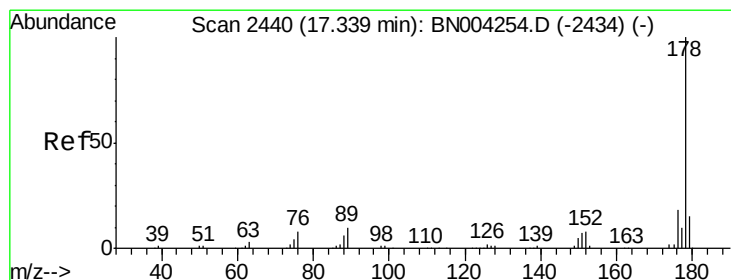
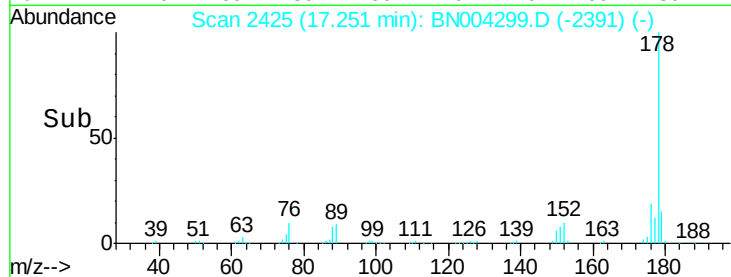
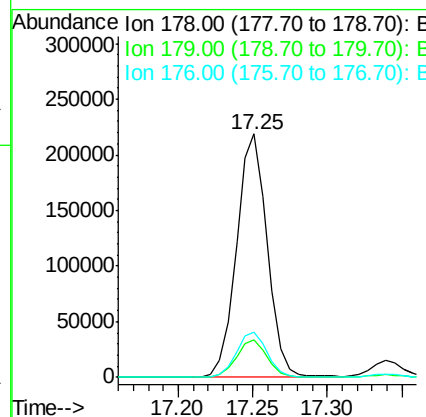
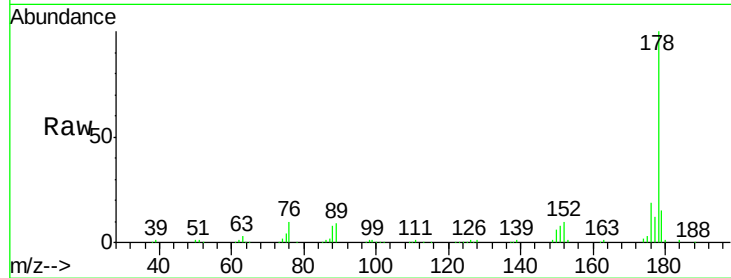
#69
 Phenanthrene
 Concen: 25.915 ng/ul
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.00 min
 Lab File: BN004299.D
 Acq: 29 Dec 2018 13:49

Instrument :
 BNA_N
 ClientSampled :
 A41W1

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.8	15.0	22.6

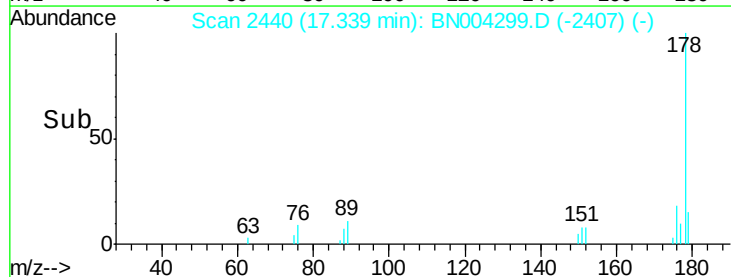
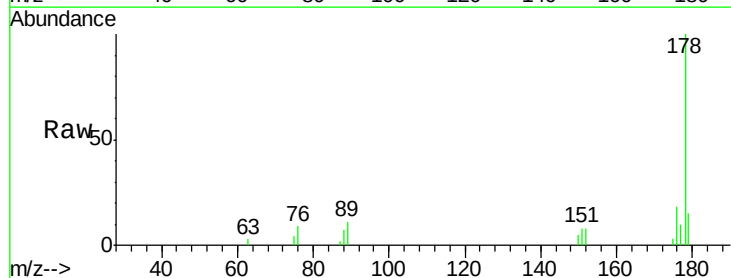
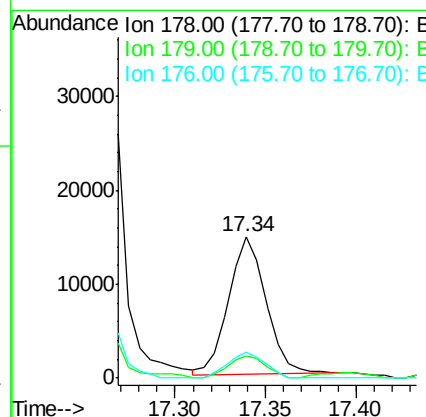
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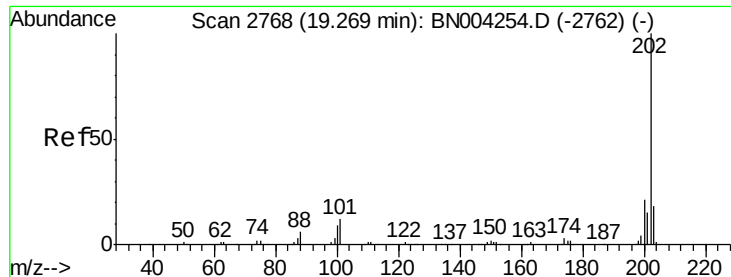
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#71
 Anthracene
 Concen: 1.699 ng/ul
 RT: 17.34 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BN004299.D
 Acq: 29 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.4	15.2	22.8





#76

Fluoranthene

Concen: 25.921 ng/ul

RT: 19.27 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Instrument :

BNA_N

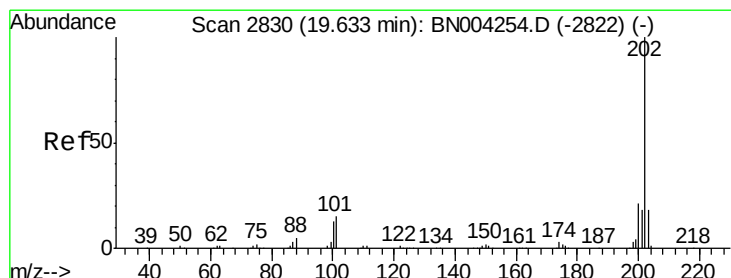
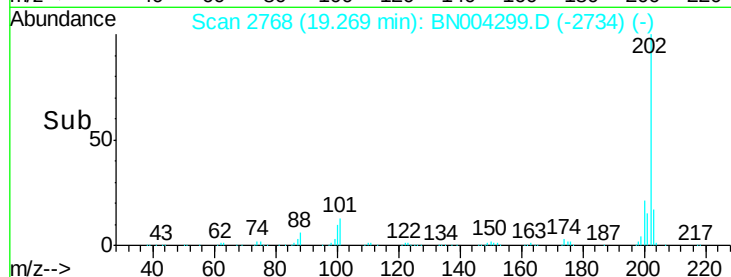
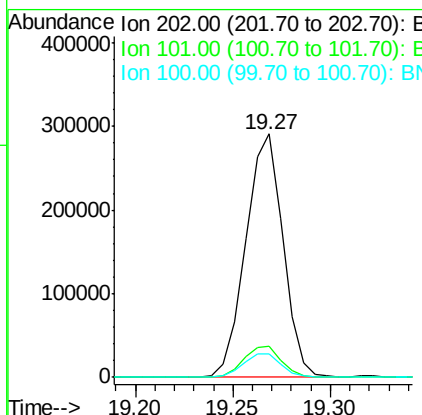
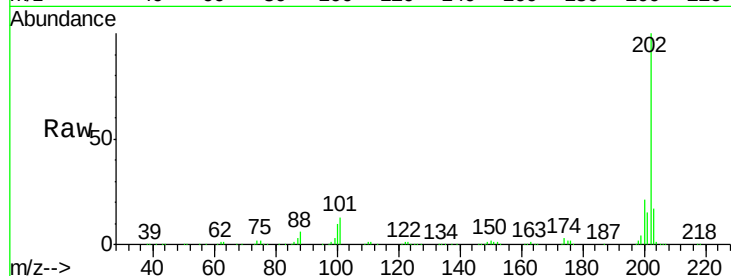
ClientSampled :

A41W1

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	385303		
101	12.8	10.2	15.2	
100	9.6	7.8	11.8	

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1/2/2019 3:42:14 PM



#79

Pyrene

Concen: 16.667 ng/ul

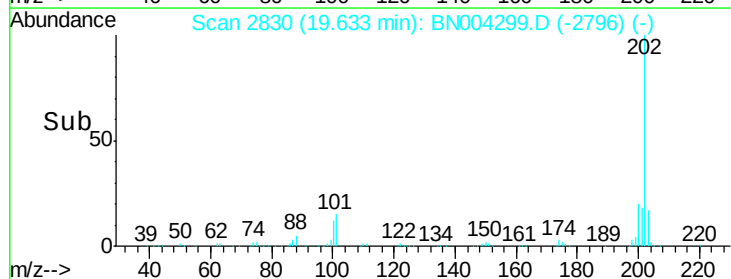
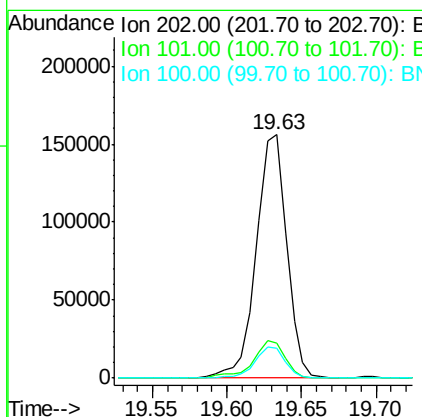
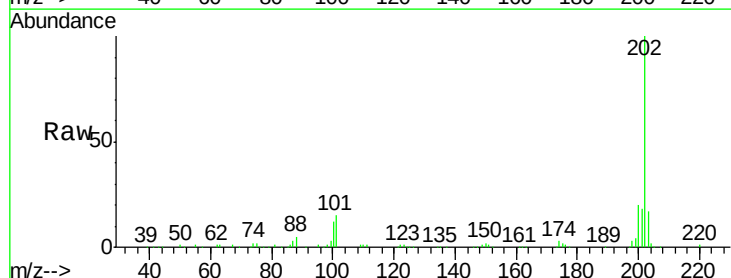
RT: 19.63 min Scan# 2830

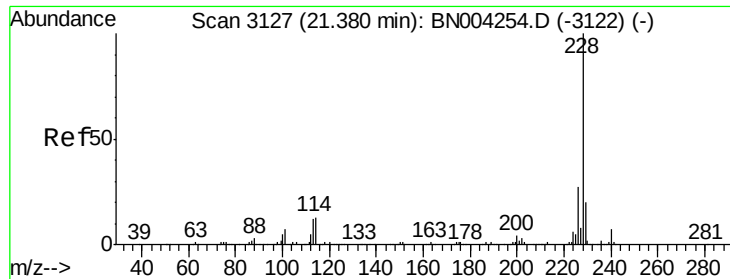
Delta R.T. -0.00 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	220488		
101	14.6	12.2	18.2	
100	12.2	9.9	14.9	





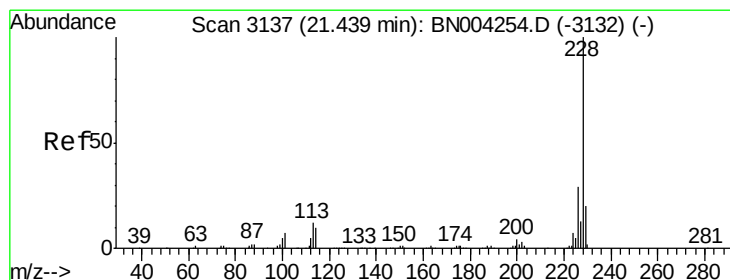
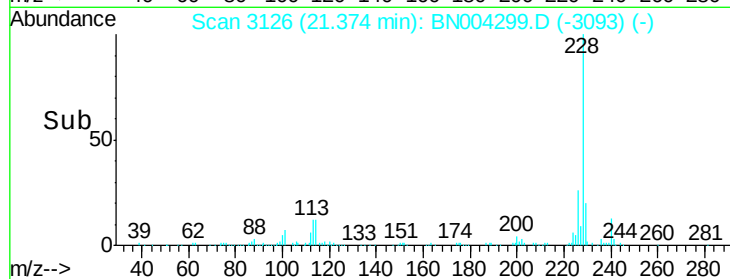
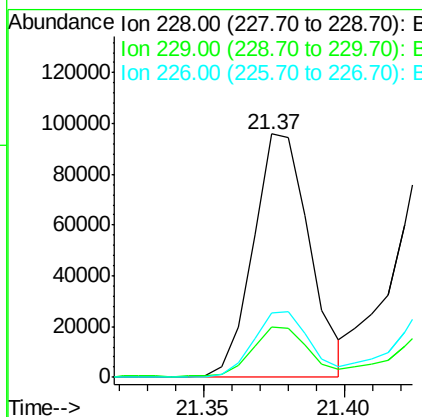
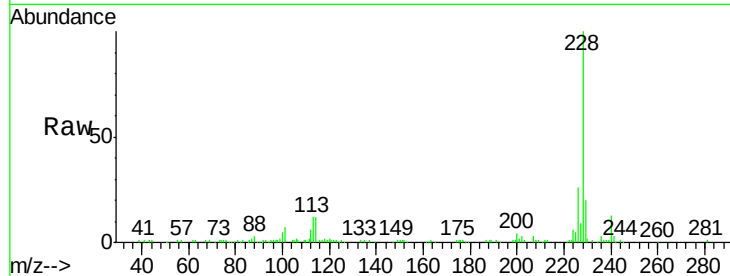
#82
Benzo(a)anthracene
Concen: 8.985 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BN004299.D
Acq: 29 Dec 2018 13:49

Instrument :
BNA_N
ClientSampleId :
A41W1

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	26.5	21.4	32.2

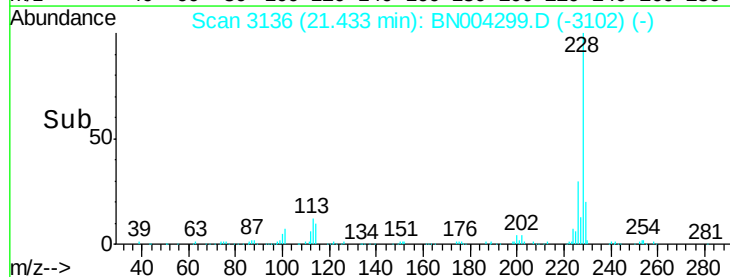
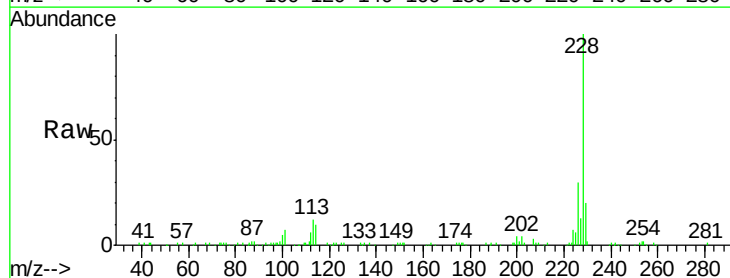
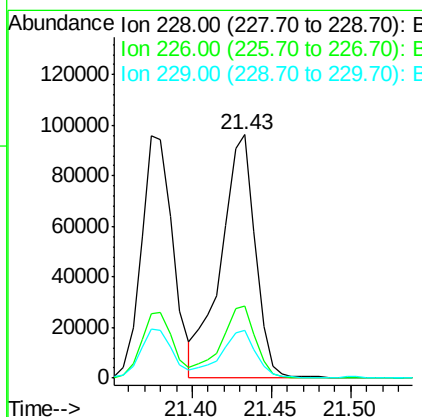
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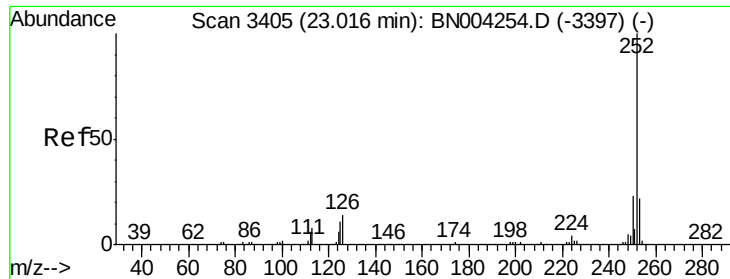
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#84
Chrysene
Concen: 10.411 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004299.D
Acq: 29 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.7	15.8	23.6





#87

Benzo(b)fluoranthene

Concen: 8.748 ng/ul

RT: 23.01 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BN004299.D

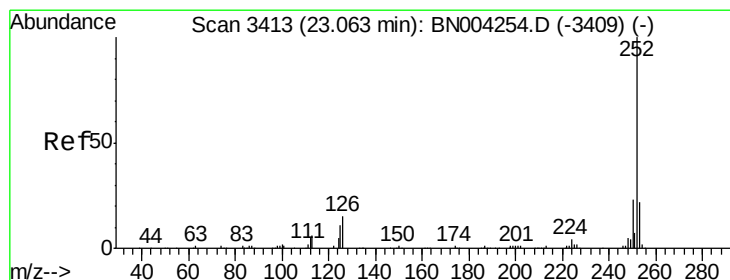
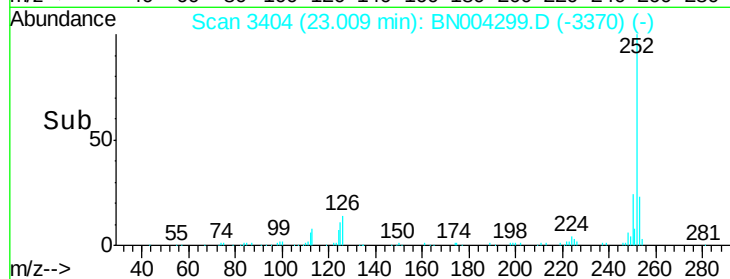
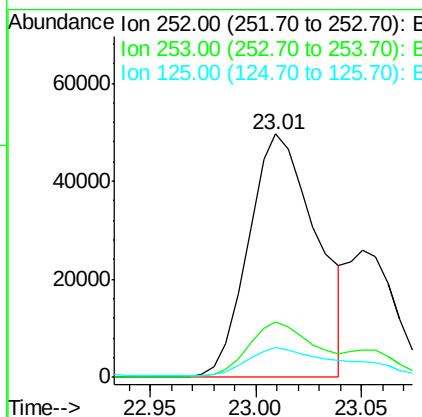
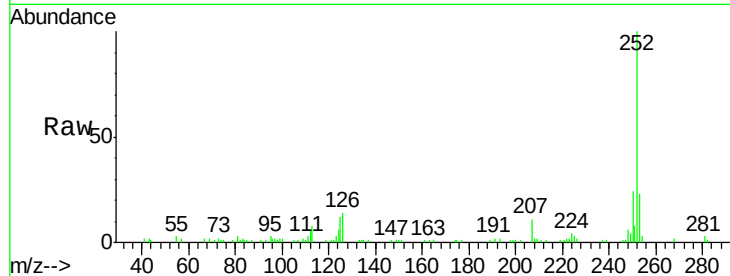
Acq: 29 Dec 2018 13:49

Instrument :
BNA_N
ClientSampleId :
A41W1

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	12.2	8.2	12.4

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#88

Benzo(k)fluoranthene

Concen: 3.439 ng/ul m

RT: 23.05 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BN004299.D

Acq: 29 Dec 2018 13:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	12.7	7.9	11.9#

