

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
 Data File : BN004296.D
 Acq On : 29 Dec 2018 12:03
 Operator : JU/SJ
 Sample : J6428-11
 Misc : GCMS Confirmation
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W3

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Quant Time: Dec 31 00:53:45 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	27366	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	133924	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91376	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	209084	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	227663	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	212422	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	9021	1.255	ng/ul	98
53) Dibenzofuran	14.86	168	12903	1.385	ng/ul	98
58) Fluorene	15.51	166	14438	1.861	ng/ul	99
69) Phenanthrene	17.25	178	245302	20.305	ng/ul	99
76) Fluoranthene	19.27	202	331534	22.389	ng/ul	99
79) Pyrene	19.63	202	155551	12.230	ng/ul	100
82) Benzo(a)anthracene	21.38	228	104020	7.327	ng/ul	99
84) Chrysene	21.43	228	129325	9.726	ng/ul	100
87) Benzo(b)fluoranthene	23.01	252	87301	6.861	ng/ul#	93
88) Benzo(k)fluoranthene	23.05	252	24170m	2.029	ng/ul	

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

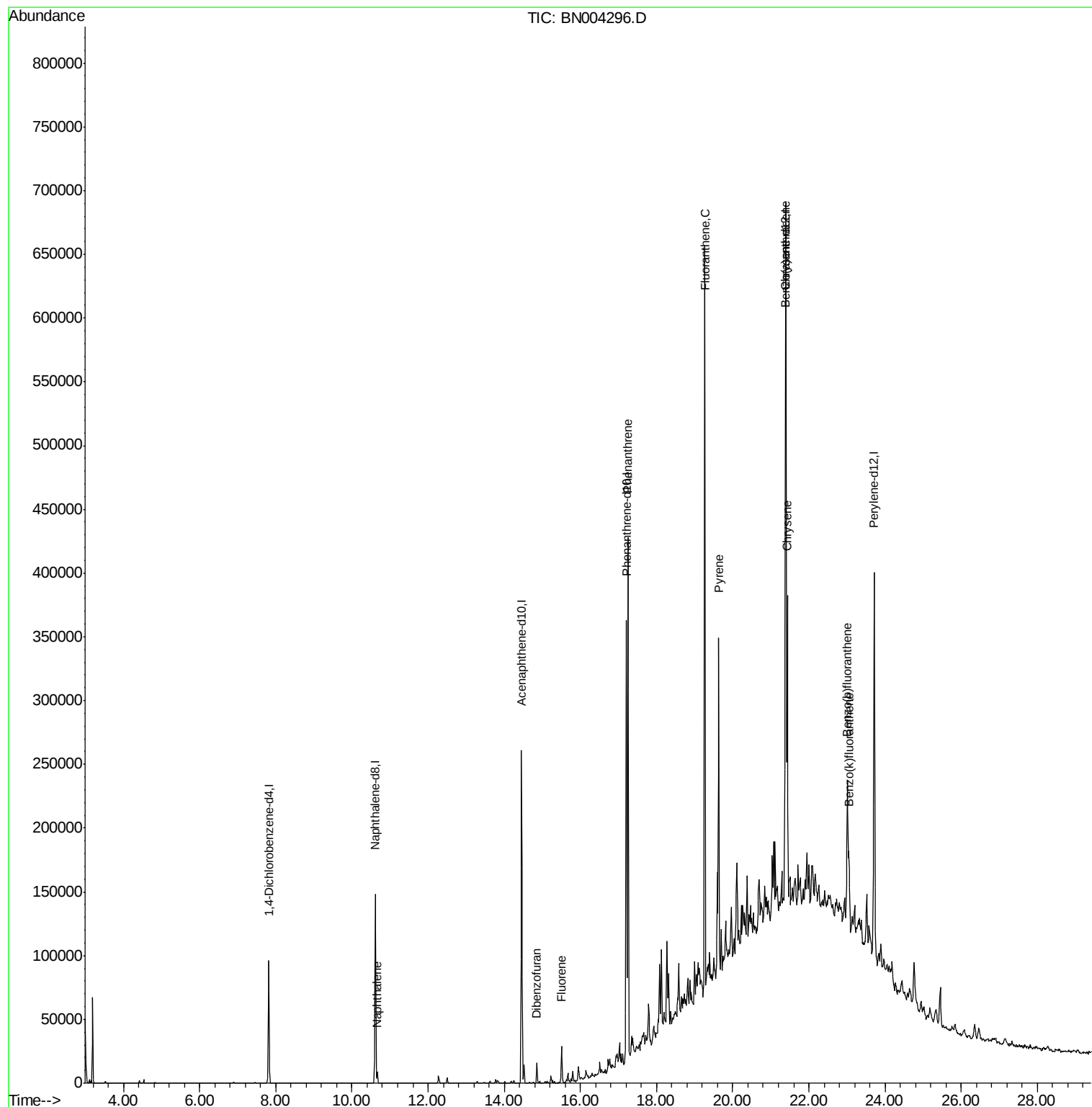
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
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Operator : JU/SJ
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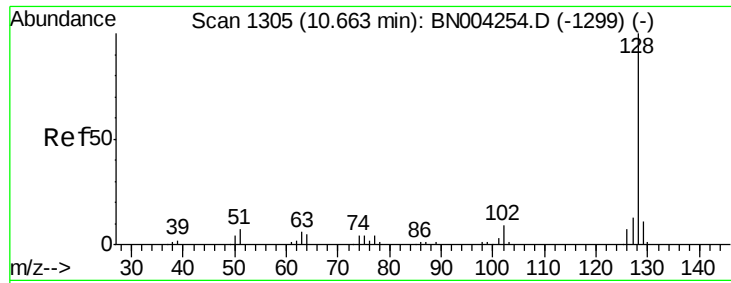
Instrument :
BNA_N
ClientSampleId :
A41W3

Quant Time: Dec 31 00:53:45 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

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#28

Naphthalene

Concen: 1.255 ng/ul

RT: 10.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BN004296.D

Acq: 29 Dec 2018 12:03

Instrument :

BNA_N

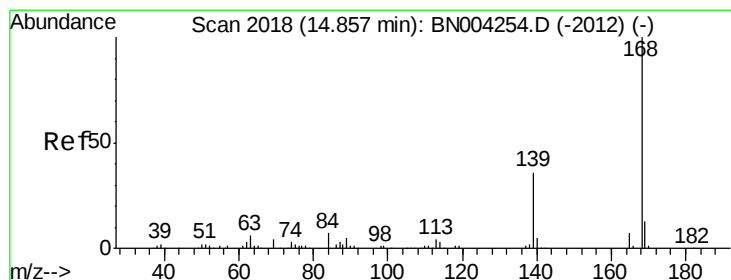
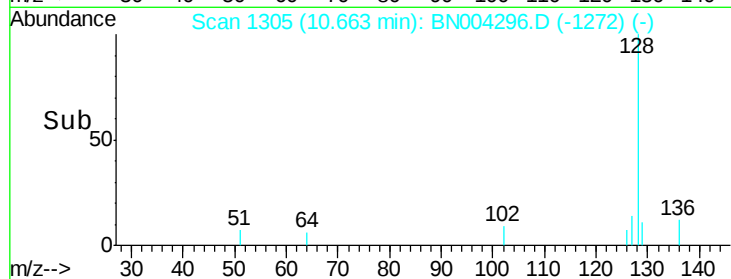
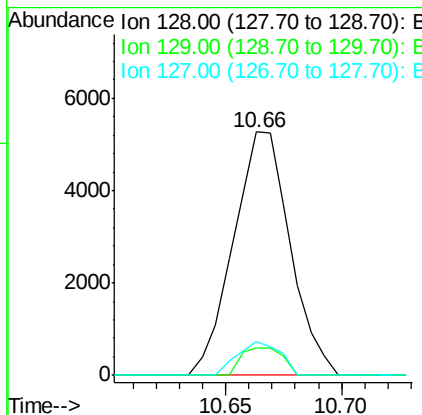
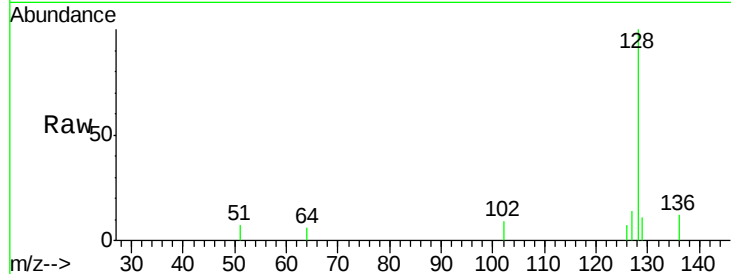
ClientSampleId :

A41W3

Tgt Ion:	128	Resp:	9021
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	14.0	10.6	16.0

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#53

Dibenzofuran

Concen: 1.385 ng/ul

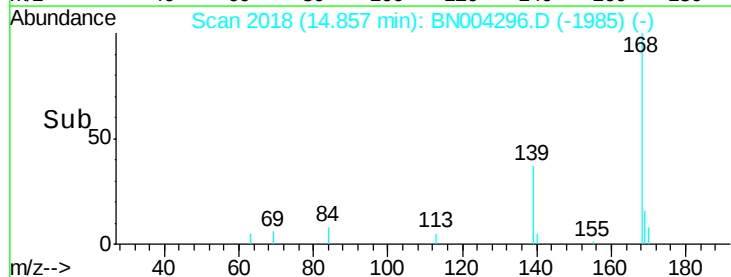
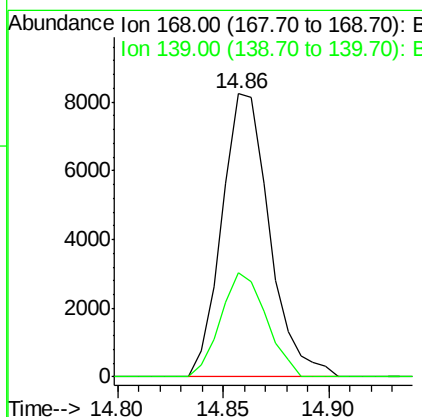
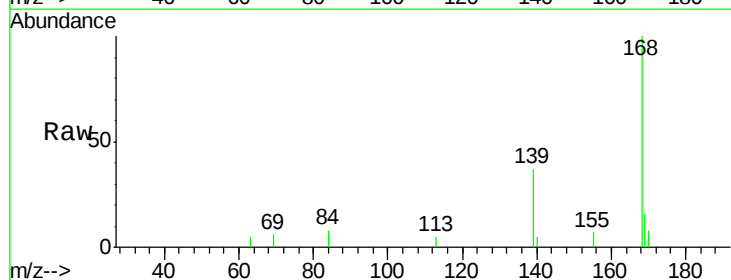
RT: 14.86 min Scan# 2018

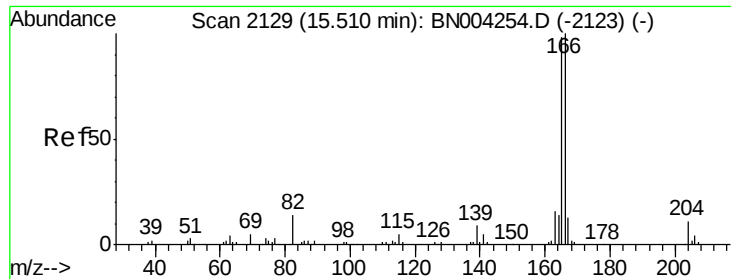
Delta R.T. -0.01 min

Lab File: BN004296.D

Acq: 29 Dec 2018 12:03

Tgt Ion:	168	Resp:	12903
Ion	Ratio	Lower	Upper
168	100		
139	37.0	28.8	43.2





#58

Fluorene

Concen: 1.861 ng/ul

RT: 15.51 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BN004296.D

Acq: 29 Dec 2018 12:03

Instrument :

BNA_N

ClientSampled :

A41W3

Tgt Ion:166 Resp: 14438

Ion Ratio Lower Upper

166 100

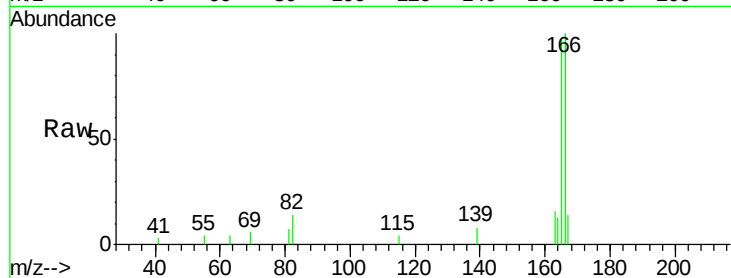
165 97.1 78.6 117.8

167 14.2 10.3 15.5

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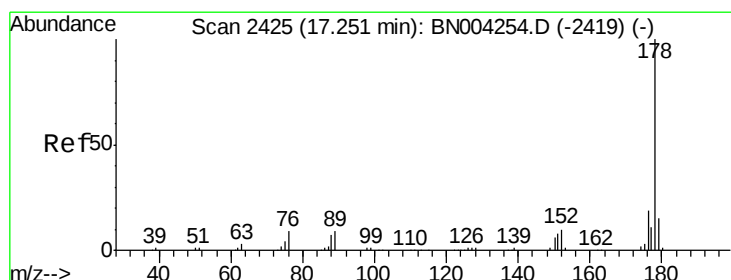
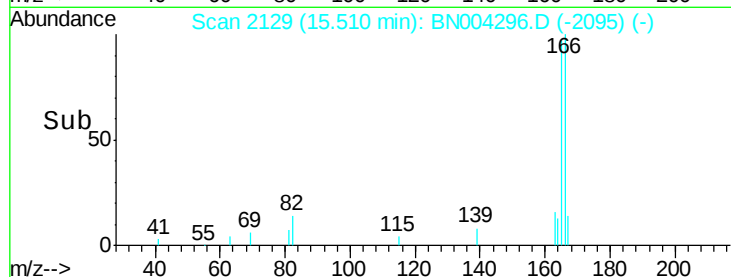
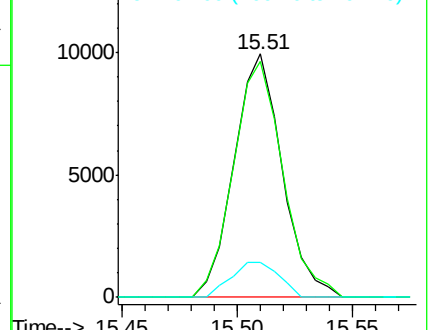
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 20.305 ng/ul

RT: 17.25 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BN004296.D

Acq: 29 Dec 2018 12:03

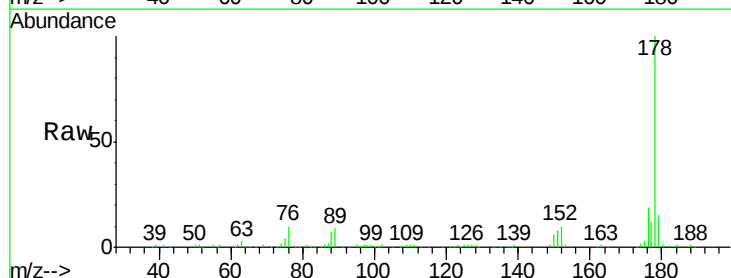
Tgt Ion:178 Resp: 245302

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

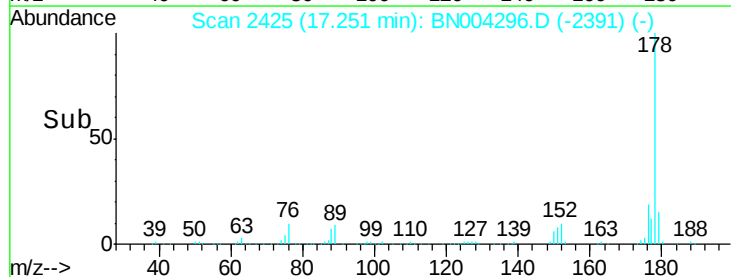
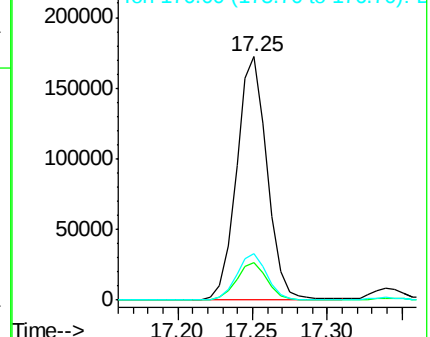
176 19.3 15.0 22.6

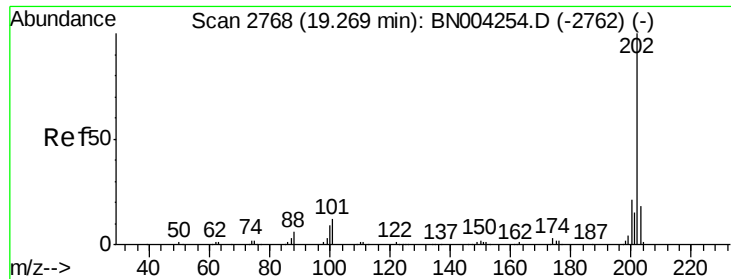


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





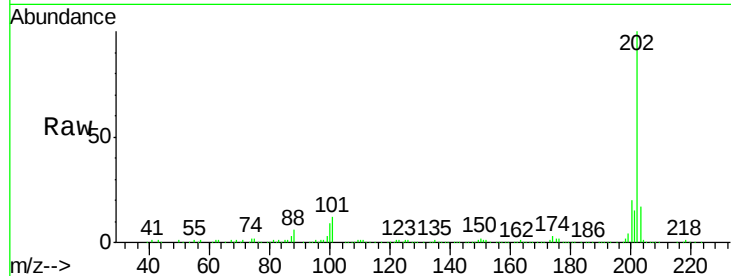
#76
Fluoranthene
Concen: 22.389 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. -0.00 min
Lab File: BN004296.D
Acq: 29 Dec 2018 12:03

Instrument :
BNA_N
ClientSampleId :
A41W3

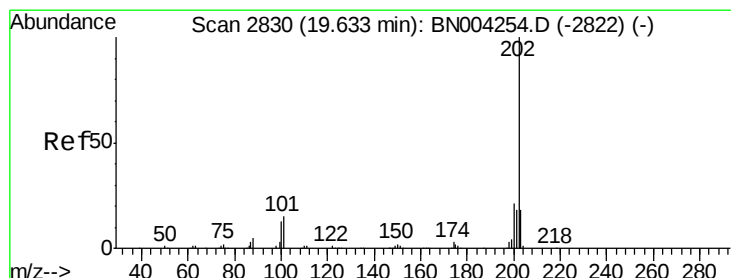
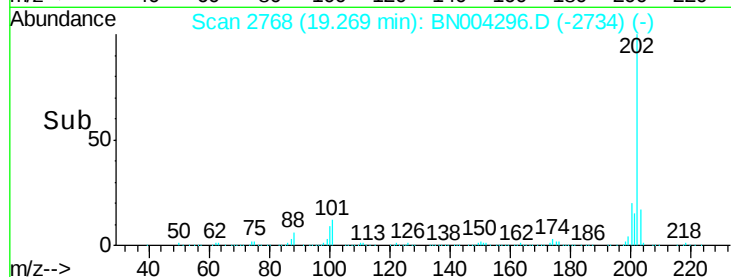
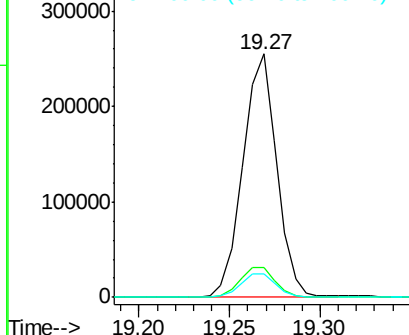
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.3	10.2	15.2
100	9.4	7.8	11.8

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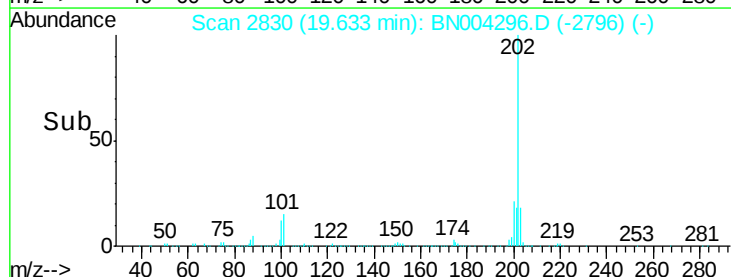
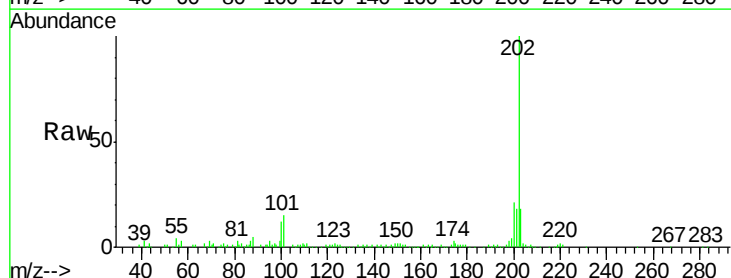
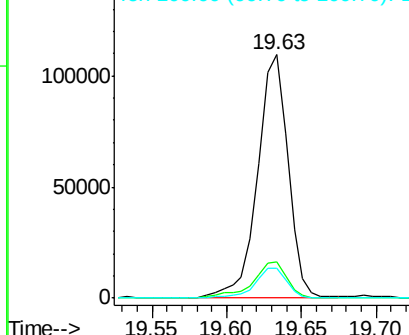
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

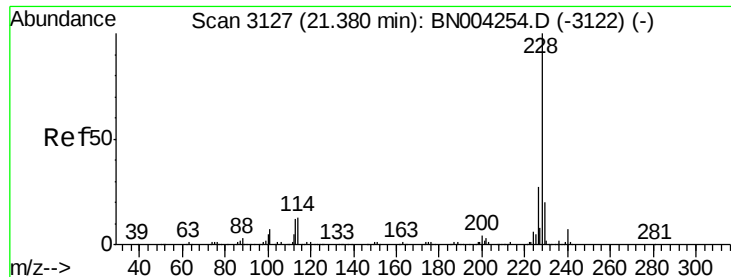


#79
Pyrene
Concen: 12.230 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. -0.00 min
Lab File: BN004296.D
Acq: 29 Dec 2018 12:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.9	12.2	18.2
100	12.4	9.9	14.9

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





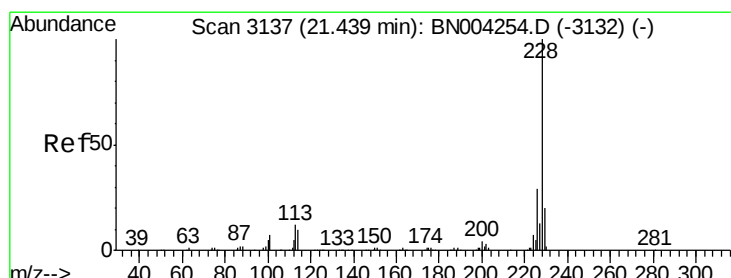
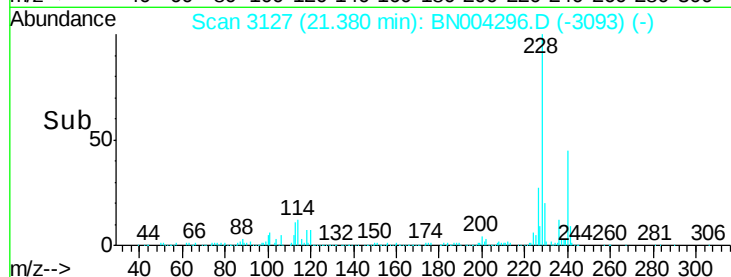
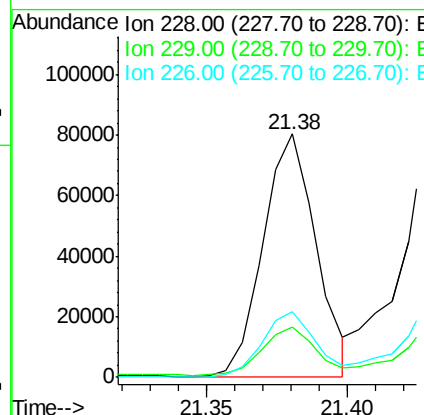
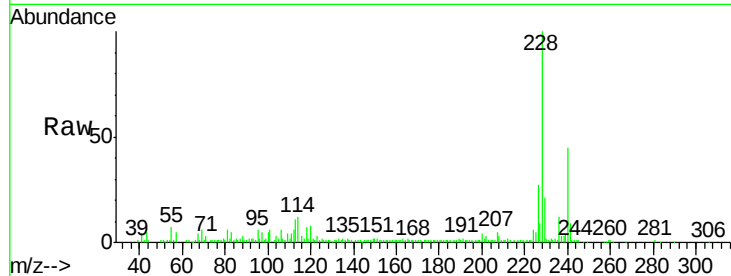
#82
Benzo(a)anthracene
Concen: 7.327 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BN004296.D
Acq: 29 Dec 2018 12:03

Instrument :
BNA_N
ClientSampled :
A41W3

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.1	21.4	32.2

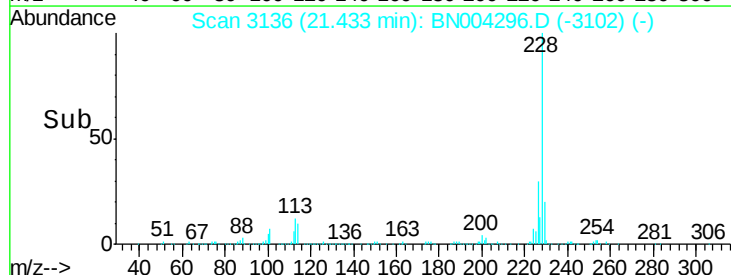
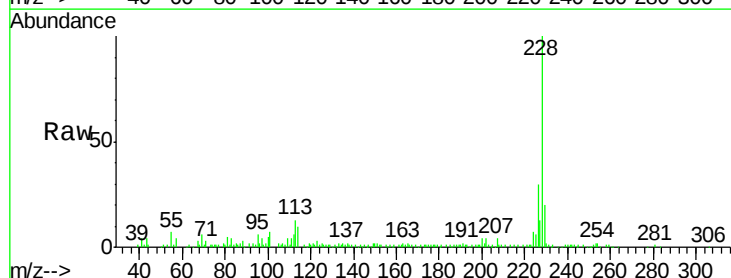
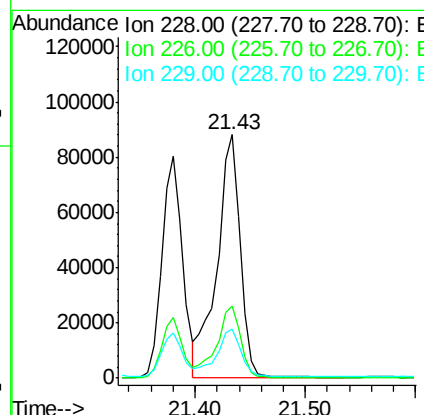
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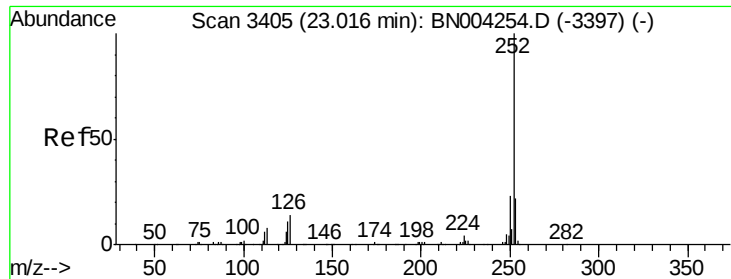
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#84
Chrysene
Concen: 9.726 ng/ul
RT: 21.43 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BN004296.D
Acq: 29 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	20.1	15.8	23.6





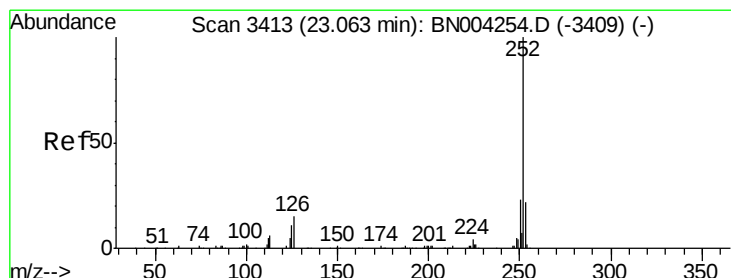
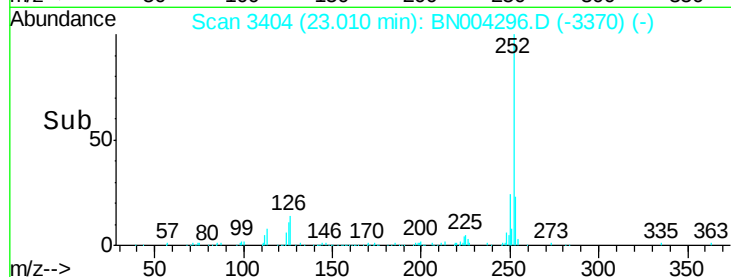
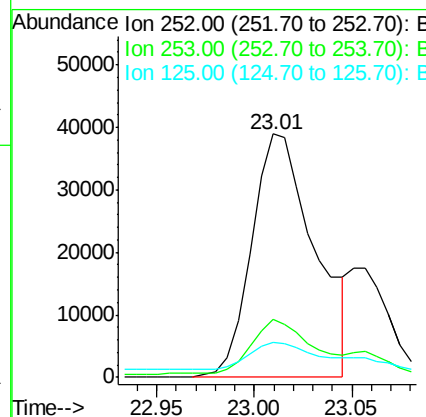
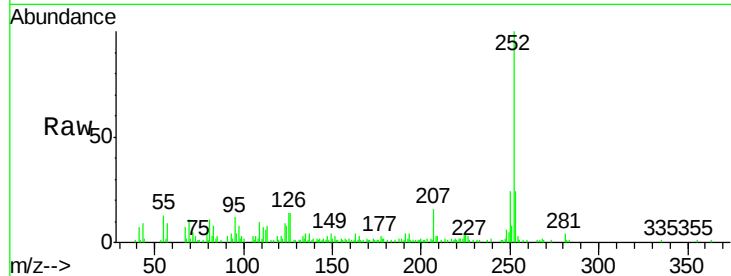
#87
Benzo(b)fluoranthene
Concen: 6.861 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.00 min
Lab File: BN004296.D
Acq: 29 Dec 2018 12:03

Instrument :
BNA_N
ClientSampled :
A41W3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	14.4	8.2	12.4

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#88
Benzo(k)fluoranthene
Concen: 2.029 ng/ul m
RT: 23.05 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BN004296.D
Acq: 29 Dec 2018 12:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	18.4	7.9	11.9

