

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001069.D
 Acq On : 02 May 2018 14:19
 Operator : JU/SJ
 Sample : J2601-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAT51

Manual Integrations
 APPROVED

Sohil
 5/3/2018 4:24:14 PM

Quant Time: May 03 08:06:50 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 07:35:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	100697	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	421457	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	209438	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	431437	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	422235	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	440672	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	523831	26.04	ng/ul	0.00
10) Fluorene-d10	15.25	176	361578	26.93	ng/ul	0.00
14) Anthracene-d10	17.10	188	517265	26.22	ng/ul	0.00
18) Pyrene-d10	19.41	212	564057	26.07	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	582370	27.98	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	24926	1.252	ng/ul#	97
13) Phenanthrene	17.05	178	148853	6.326	ng/ul	99
15) Anthracene	17.14	178	34062	1.443	ng/ul	97
16) Fluoranthene	19.07	202	93144	3.902	ng/ul	96
19) Pyrene	19.44	202	133142	4.909	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	31982	1.267	ng/ul	95
21) Chrysene	21.24	228	50399m	2.124	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	41813m	1.670	ng/ul	

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

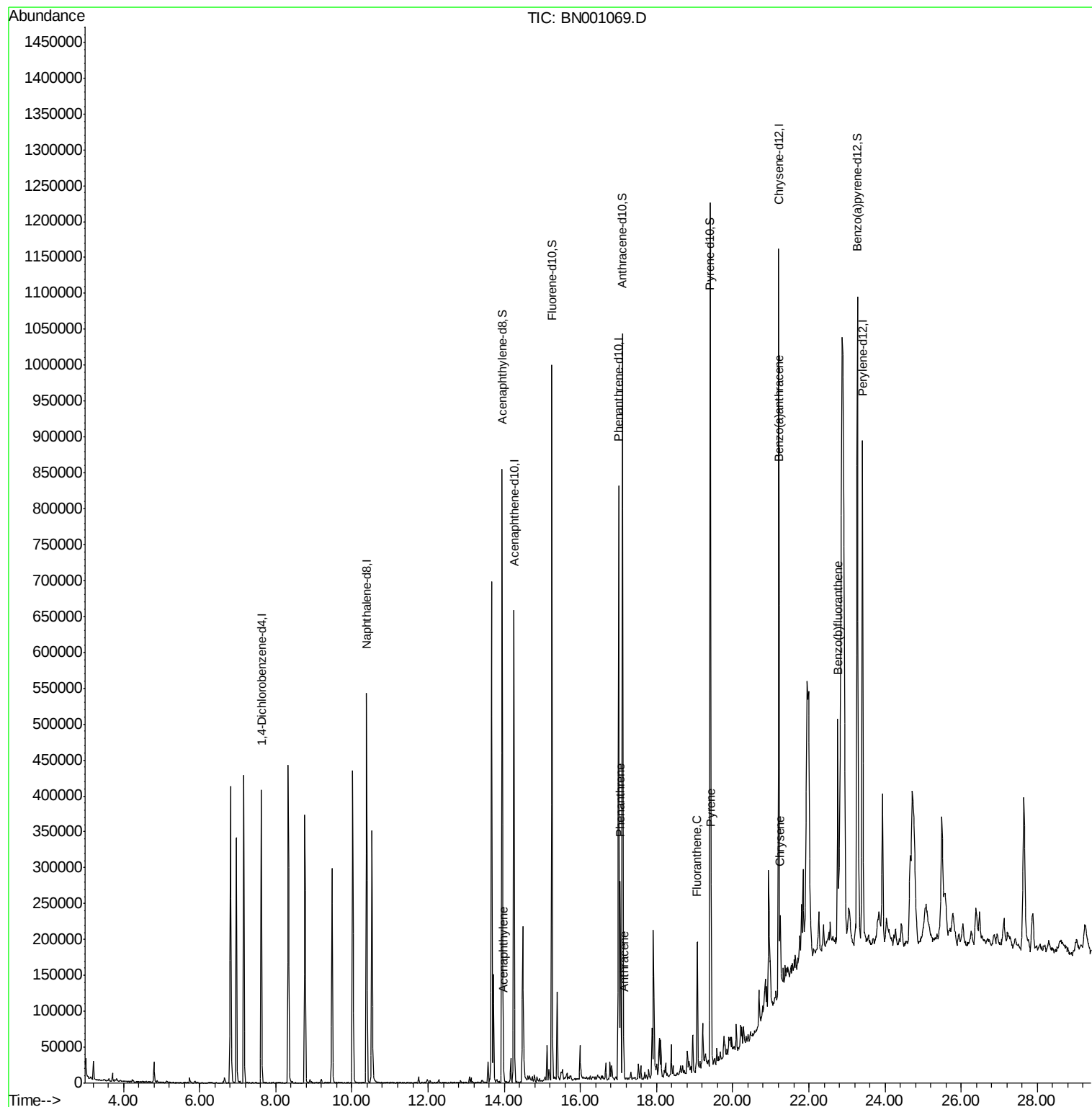
Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
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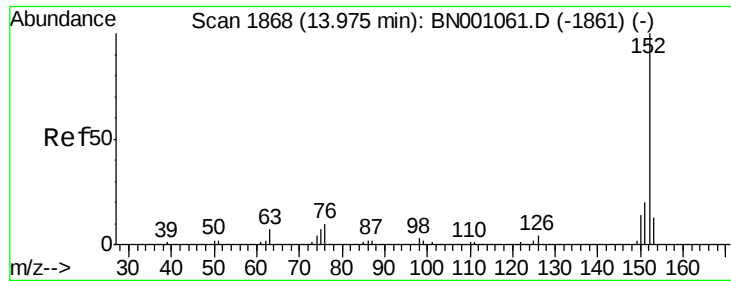
Instrument :
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Quant Time: May 03 08:06:50 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 03 07:35:09 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.252 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BN001069.D

Acq: 02 May 2018 14:19

Instrument :

BNA_N

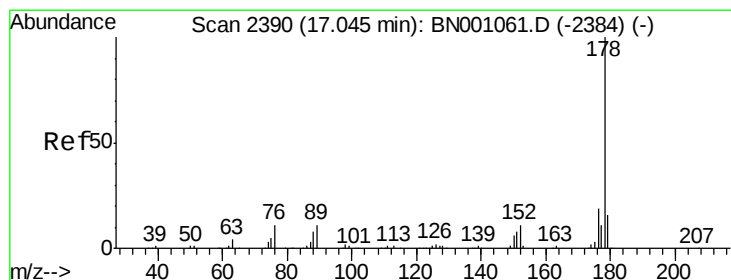
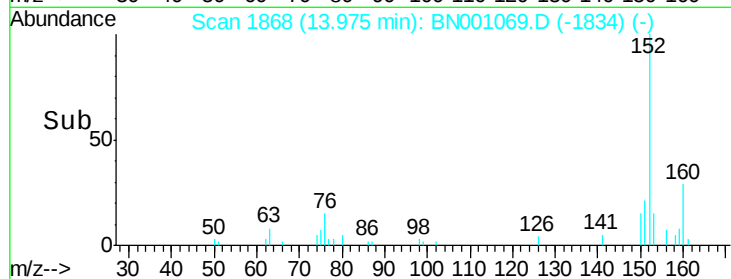
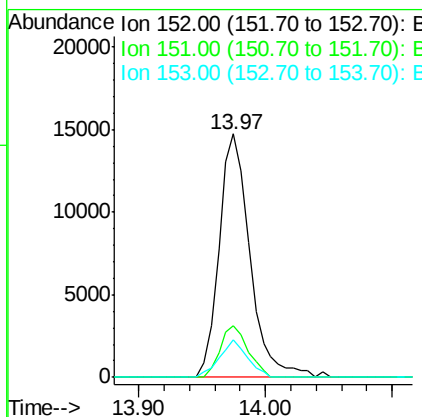
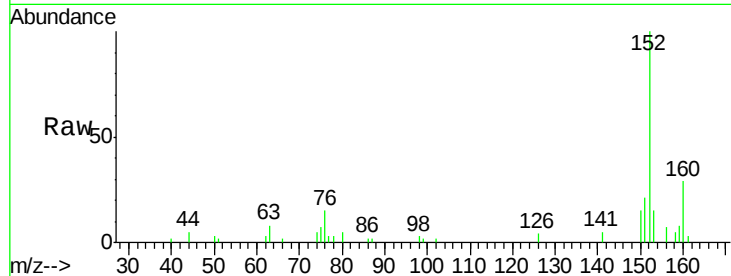
ClientSampled :

DAT51

Tot Ion:	152	Resp:	24926
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.7	25.1
153	15.5	10.2	15.4

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#13

Phenanthrene

Concen: 6.326 ng/ul

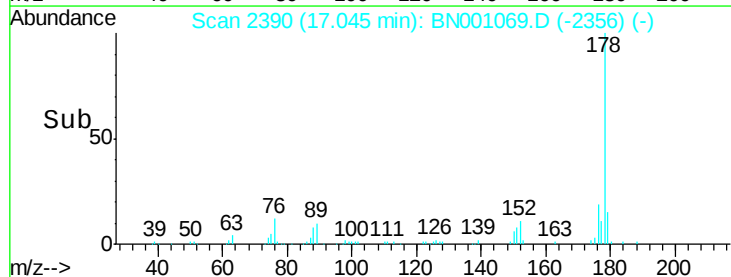
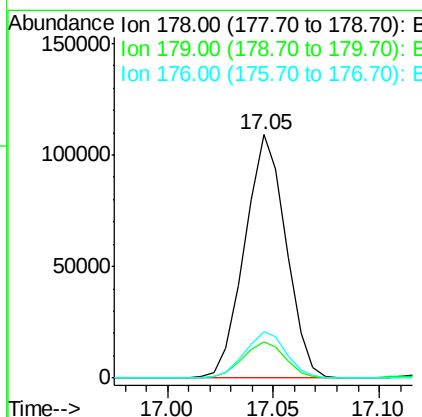
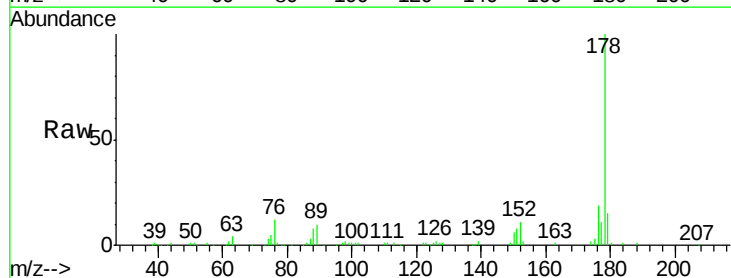
RT: 17.05 min Scan# 2390

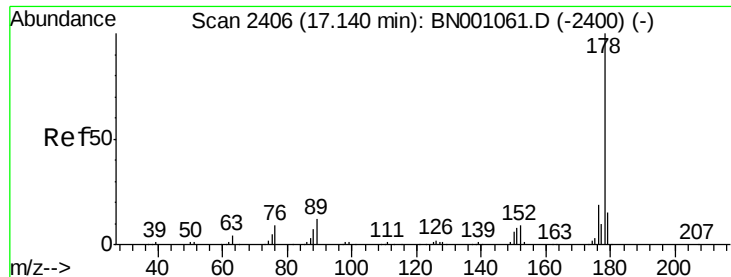
Delta R.T. -0.00 min

Lab File: BN001069.D

Acq: 02 May 2018 14:19

Tgt Ion:	178	Resp:	148853
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.3	18.5
176	19.0	15.1	22.7





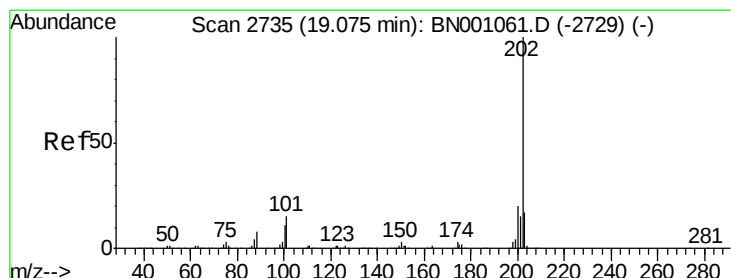
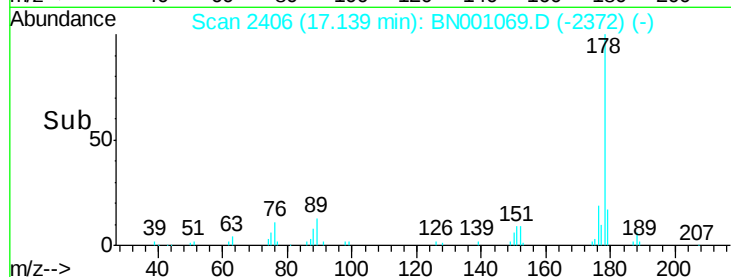
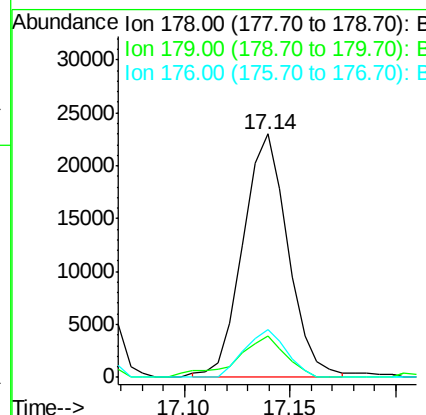
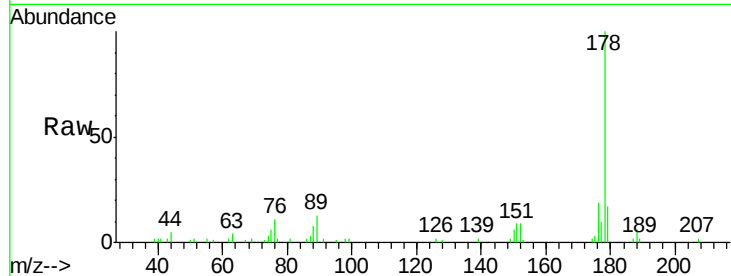
#15
 Anthracene
 Concen: 1.443 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BN001069.D
 Acq: 02 May 2018 14:19

Instrument :
 BNA_N
 ClientSampleId :
 DAT51

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.8	17.8
176	19.4	15.2	22.8

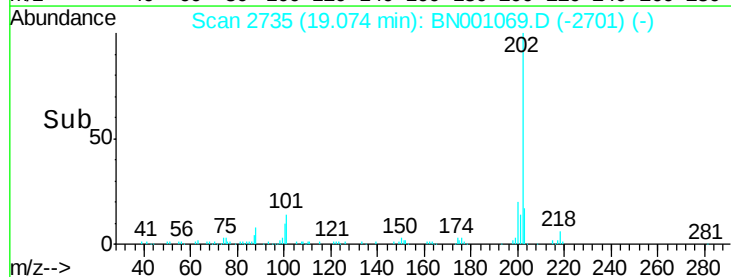
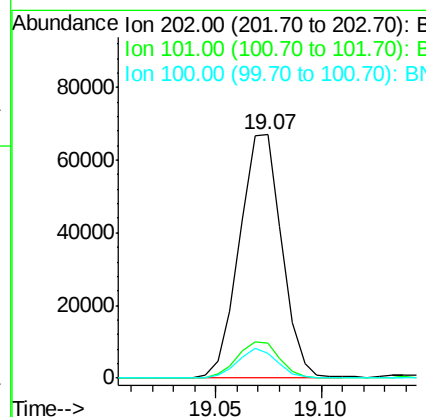
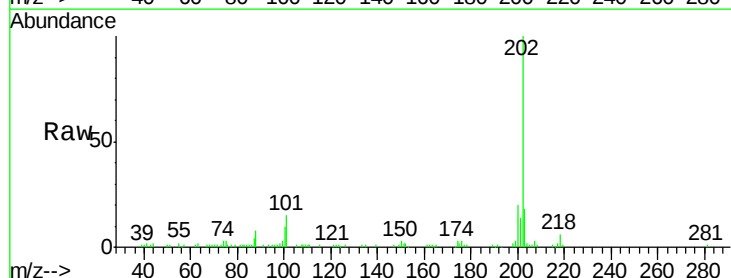
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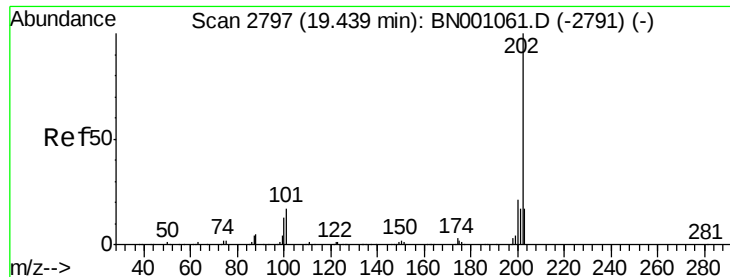
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#16
 Fluoranthene
 Concen: 3.902 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: BN001069.D
 Acq: 02 May 2018 14:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.9	14.9
100	10.1	7.4	11.0





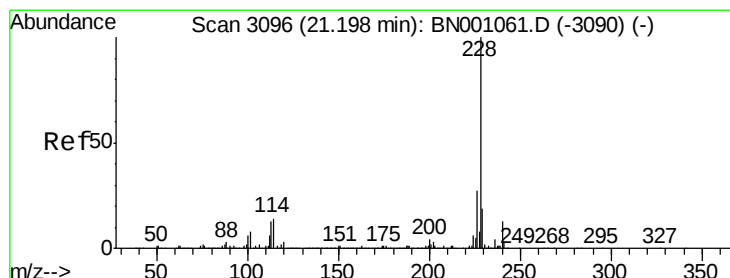
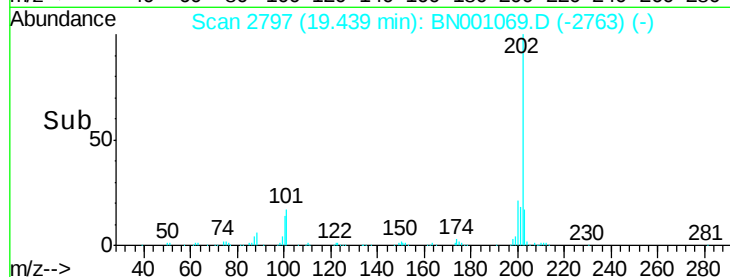
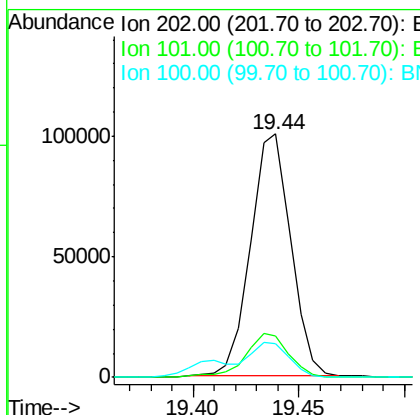
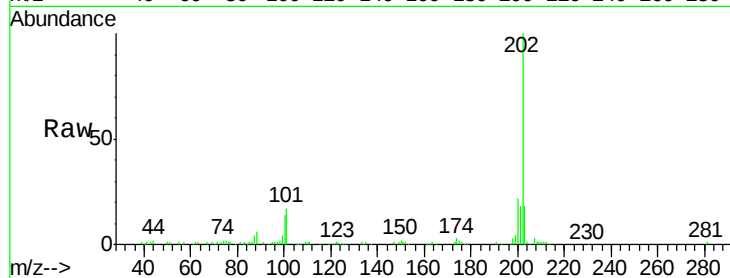
#19
Pvrene
Concen: 4.909 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001069.D
Acq: 02 May 2018 14:19

Instrument :
BNA_N
ClientSampled :
DAT51

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.0	16.4#
100	13.8	8.1	12.1#

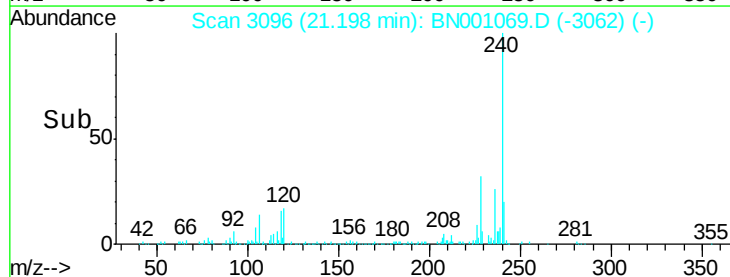
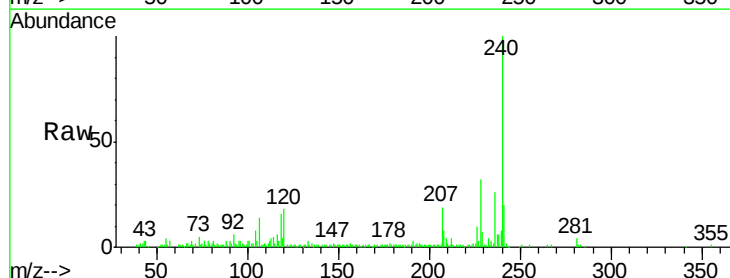
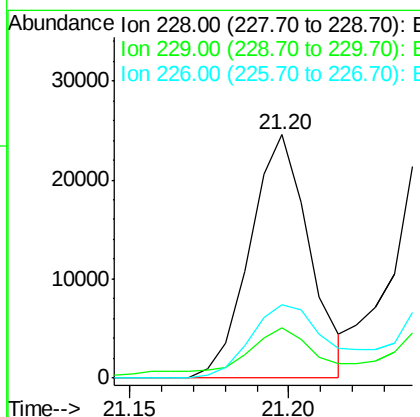
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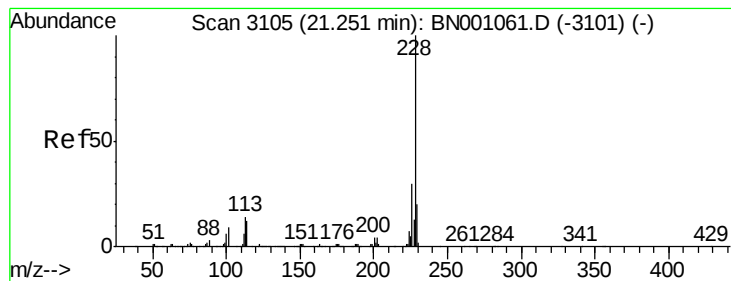
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#20
Benzo(a)anthracene
Concen: 1.267 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001069.D
Acq: 02 May 2018 14:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	30.2	21.1	31.7





#21

Chrysene

Concen: 2.124 ng/ul m

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN001069.D

Acq: 02 May 2018 14:19

Instrument :

BNA_N

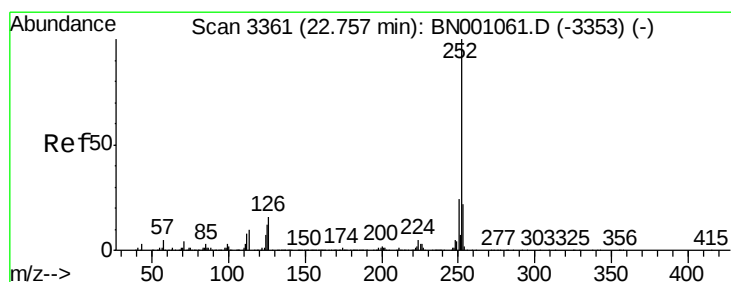
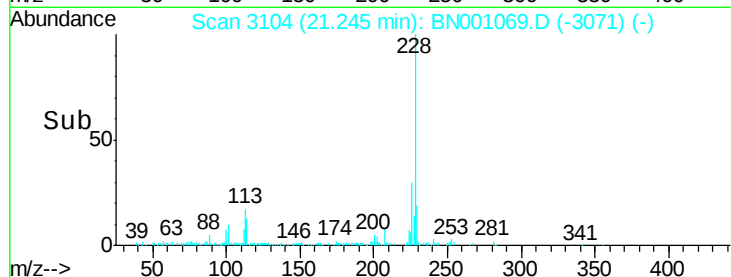
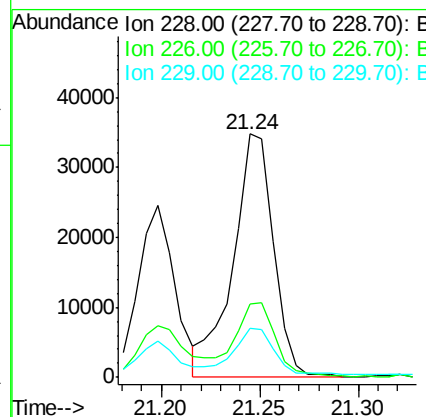
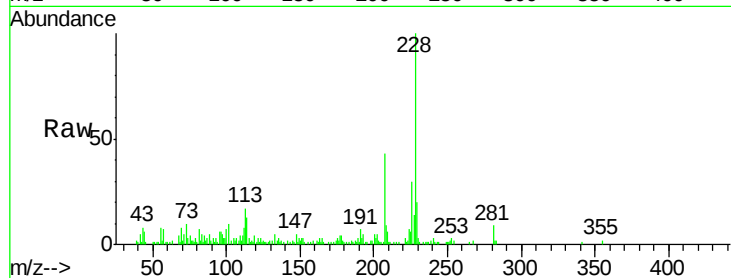
ClientSampleId :

DAT51

Tot Ion:	228	Resp:	50399
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.5	36.7
229	20.4	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 1.670 ng/ul m

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BN001069.D

Acq: 02 May 2018 14:19

Tgt Ion:	252	Resp:	41813
Ion Ratio	Lower	Upper	
252	100		
253	26.5	18.0	27.0
125	22.4	8.0	12.0#

