

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000428.D
 Acq On : 15 Mar 2018 22:22
 Operator : JU/SJ
 Sample : J1866-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMF3

Manual Integrations
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Sohil
 3/16/2018 12:11:59 PM

Quant Time: Mar 16 07:18:11 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	255570	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1186871	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	659264	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1432313	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1221416	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	1152009	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1672072	25.55	ng/ul	0.00
10) Fluorene-d10	16.05	176	1086618	24.52	ng/ul	0.00
14) Anthracene-d10	17.89	188	1679111	25.09	ng/ul	0.00
18) Pyrene-d10	20.14	212	1718598	28.76	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.25	264	1320628	25.10	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.80	152	101662	1.546	ng/ul	99
13) Phenanthrene	17.83	178	380790	4.636	ng/ul	98
15) Anthracene	17.92	178	134815	1.617	ng/ul	99
16) Fluoranthene	19.81	202	1125565	12.682	ng/ul#	94
19) Pyrene	20.17	202	1084561	14.064	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	549442	7.236	ng/ul	96
21) Chrysene	21.95	228	608526	8.445	ng/ul	97
23) Benzo(b)fluoranthene	23.65	252	721970m	10.510	ng/ul	
24) Benzo(k)fluoranthene	23.69	252	227472m	3.538	ng/ul	
26) Benzo(a)pyrene	24.29	252	585860	8.961	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.98	276	339763	4.820	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.98	278	111382	1.928	ng/ul#	64
29) Benzo(a,h,i)perylene	27.79	276	568813	9.664	ng/ul#	88

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

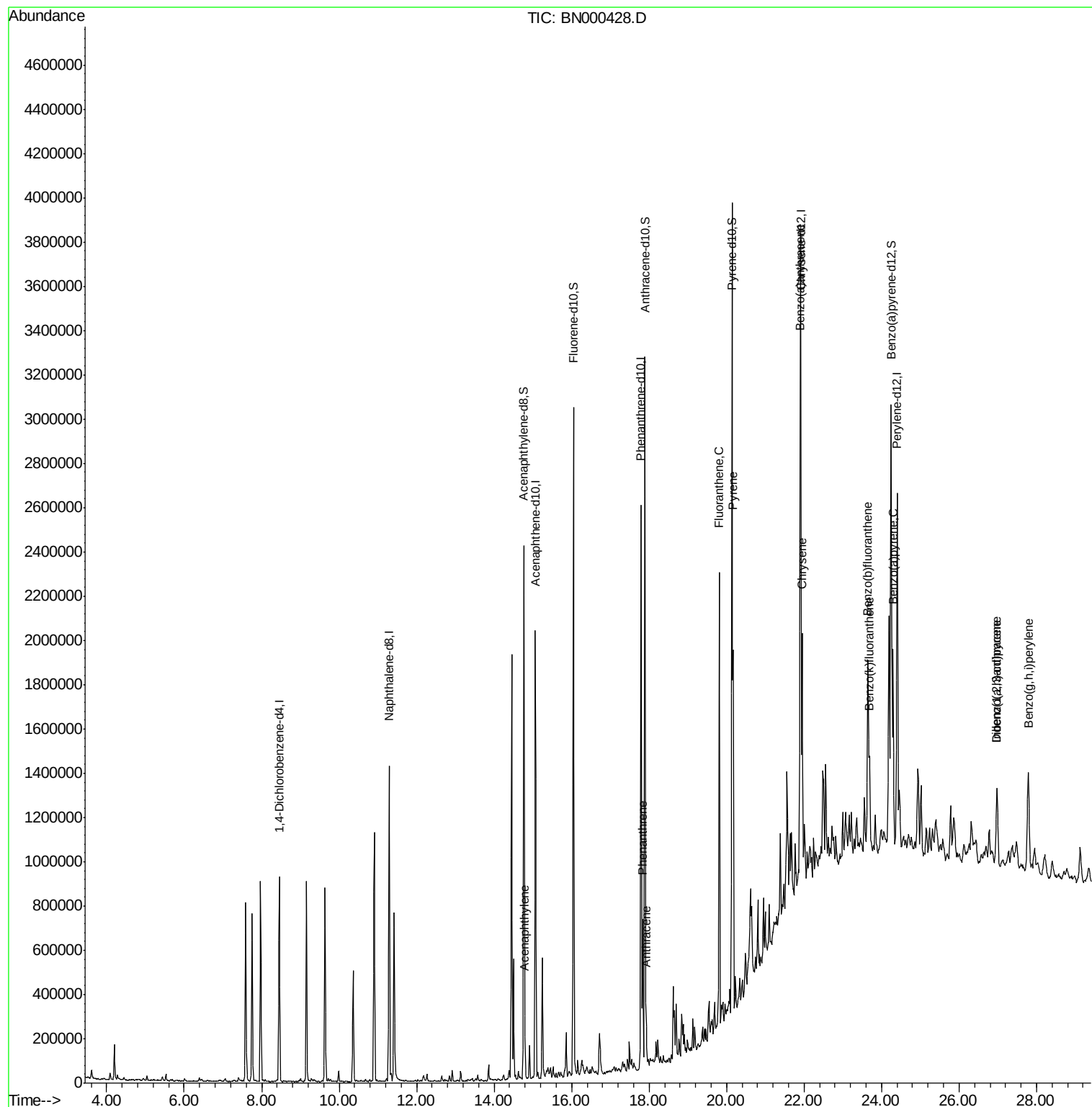
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000428.D
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ALS Vial : 22 Sample Multiplier: 1

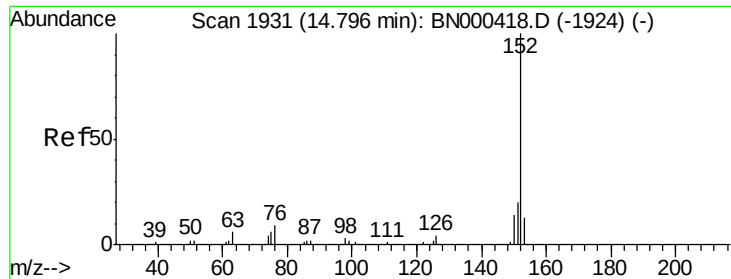
Instrument :
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Quant Time: Mar 16 07:18:11 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 06:47:18 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.546 ng/ul

RT: 14.80 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

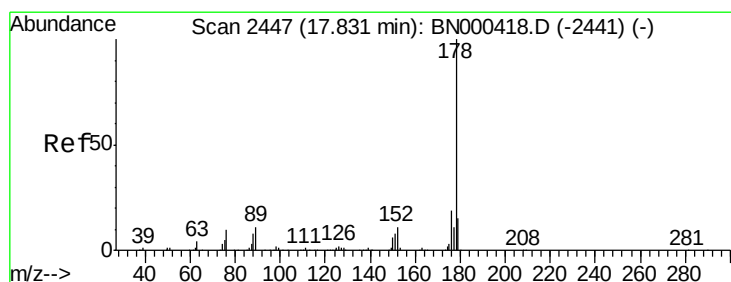
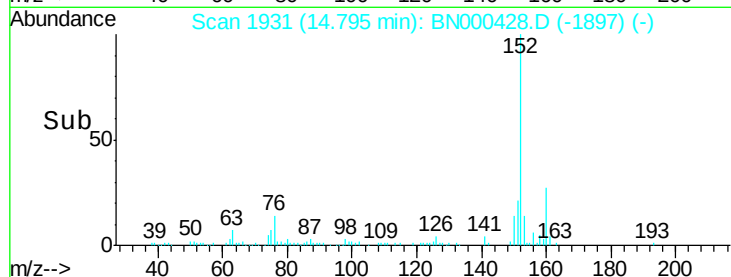
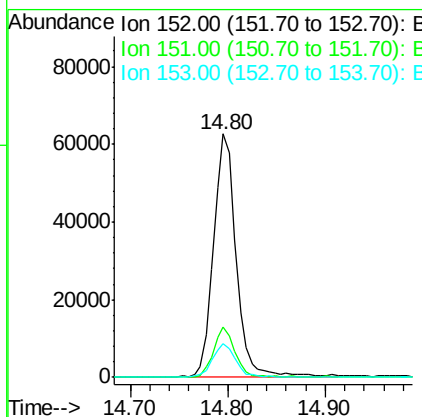
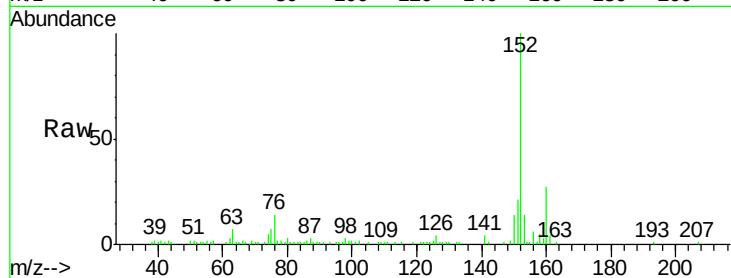
ClientSampleId :

DAMF3

Tot Ion:	152	Resp:	101662
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.7	25.1
153	13.8	10.2	15.4

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#13

Phenanthrene

Concen: 4.636 ng/ul

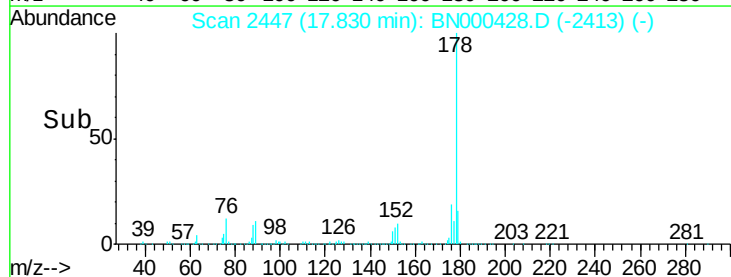
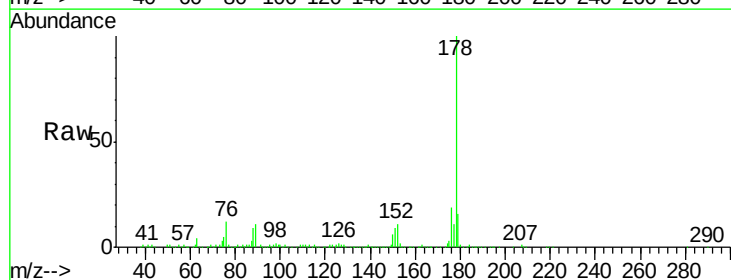
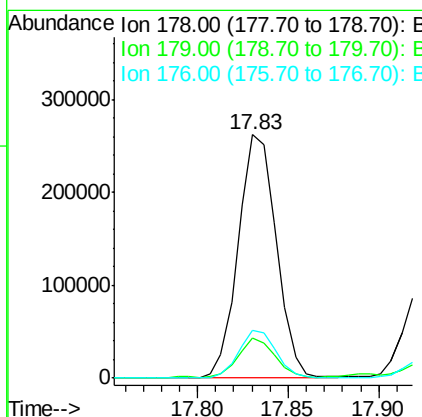
RT: 17.83 min Scan# 2447

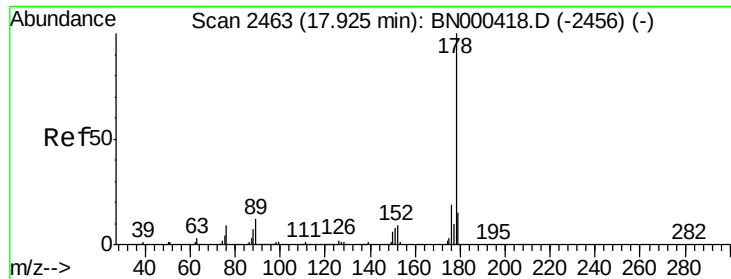
Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Tgt Ion:	178	Resp:	380790
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.3	18.5
176	19.4	15.1	22.7





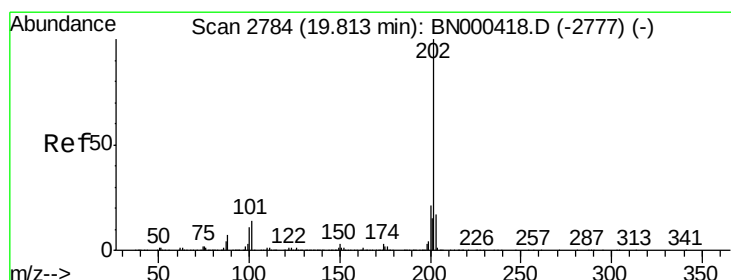
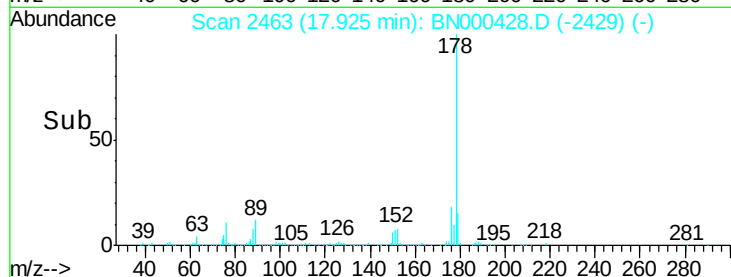
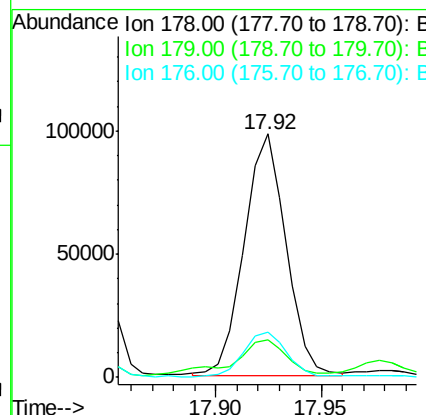
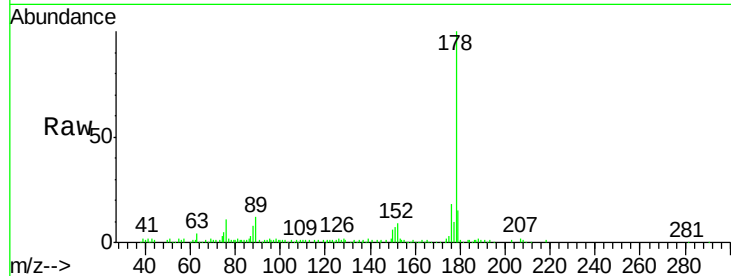
#15
 Anthracene
 Concen: 1.617 ng/ul
 RT: 17.92 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: BN000428.D
 Acq: 15 Mar 2018 22:22

Instrument :
 BNA_N
 ClientSampled :
 DAMF3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.4	15.2	22.8

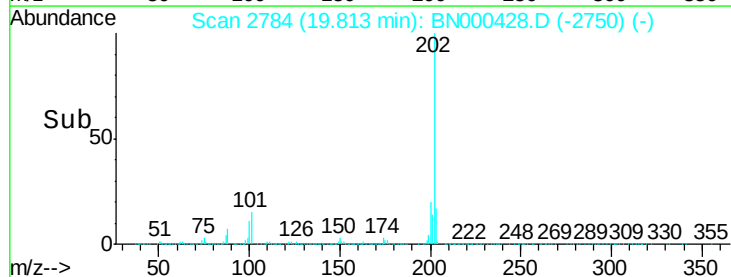
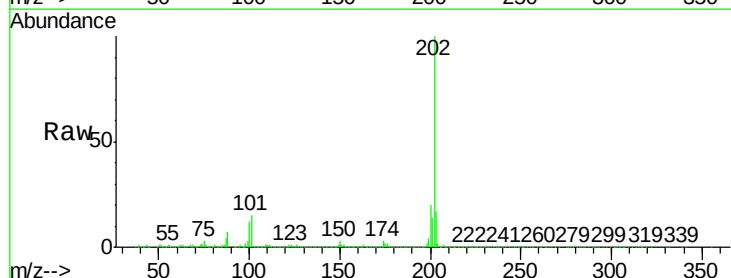
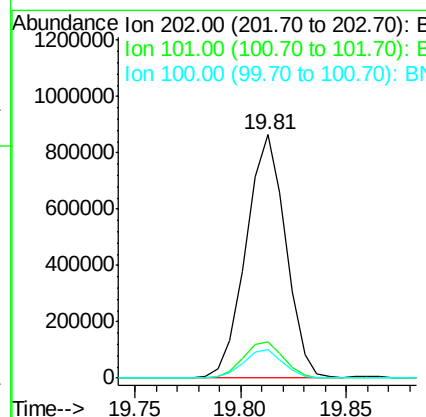
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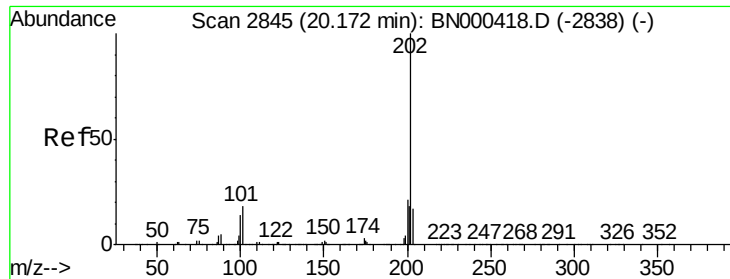
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#16
 Fluoranthene
 Concen: 12.682 ng/ul
 RT: 19.81 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: BN000428.D
 Acq: 15 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	11.5	7.4	11.0#





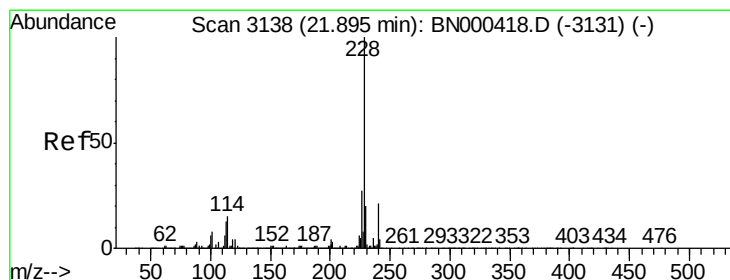
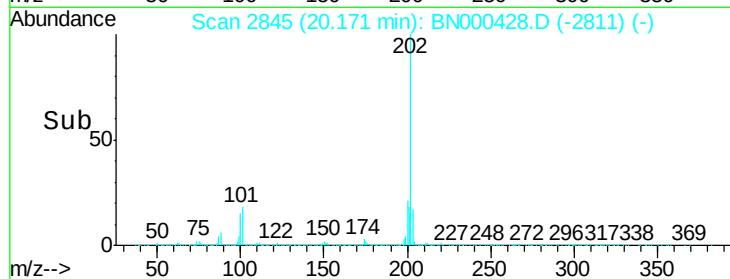
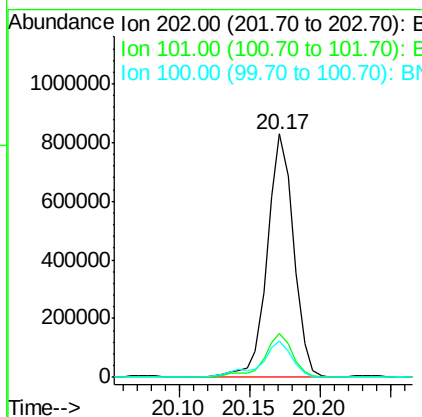
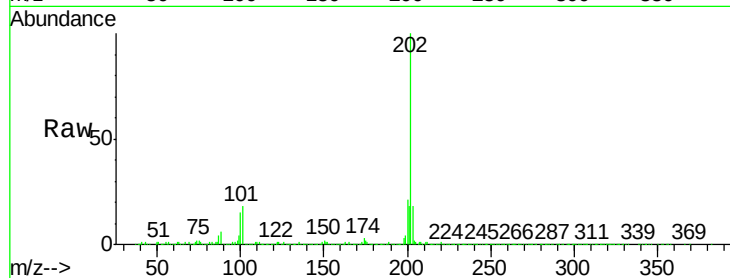
#19
Pvrene
Concen: 14.064 ng/ul
RT: 20.17 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BN000428.D
Acq: 15 Mar 2018 22:22

Instrument :
BNA_N
ClientSampleId :
DAMF3

Tot Ion	Ratio	Lower	Upper
202	100		
101	18.0	11.0	16.4#
100	14.7	8.1	12.1#

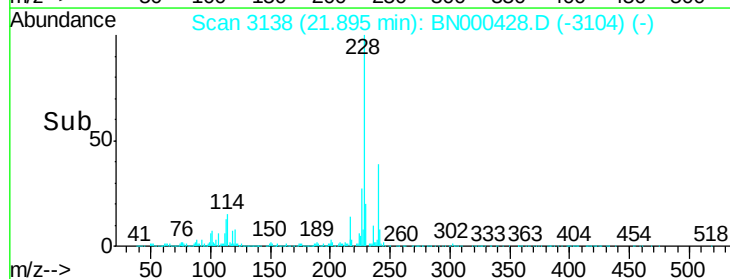
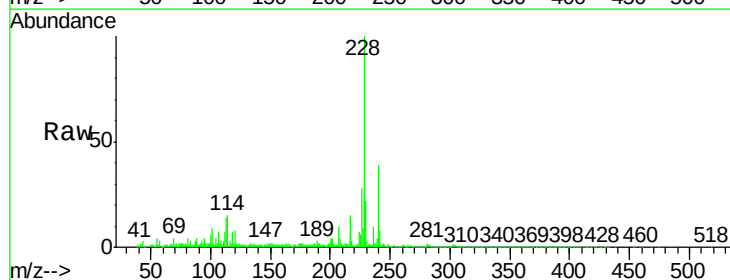
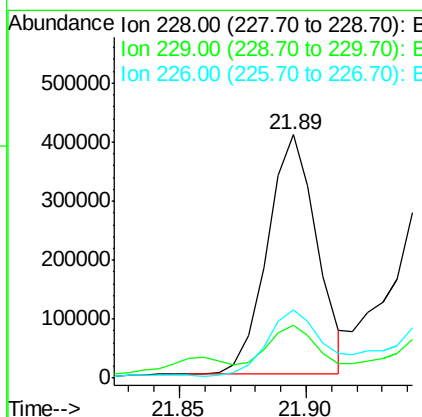
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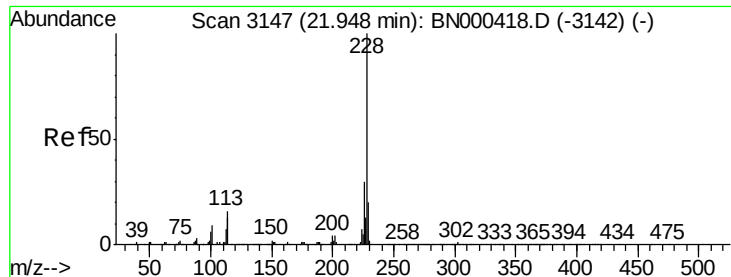
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#20
Benzo(a)anthracene
Concen: 7.236 ng/ul
RT: 21.89 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BN000428.D
Acq: 15 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	27.9	21.1	31.7





#21

Chrysene

Concen: 8.445 ng/ul

RT: 21.95 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

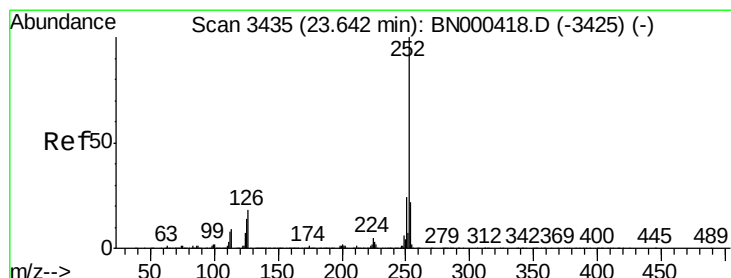
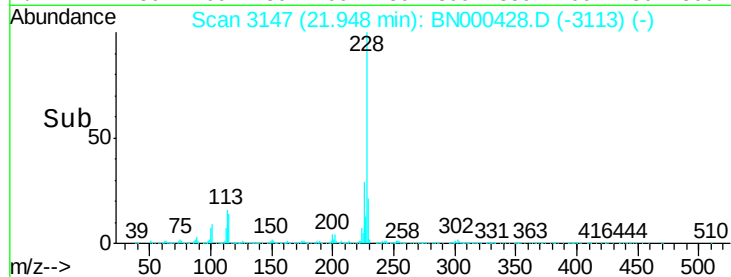
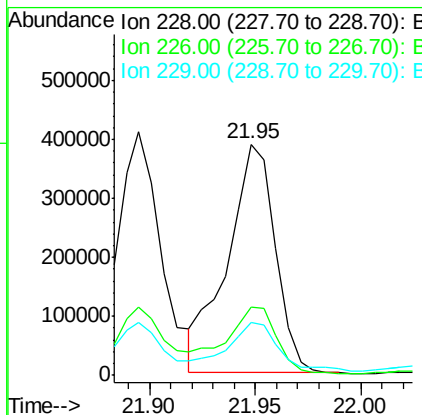
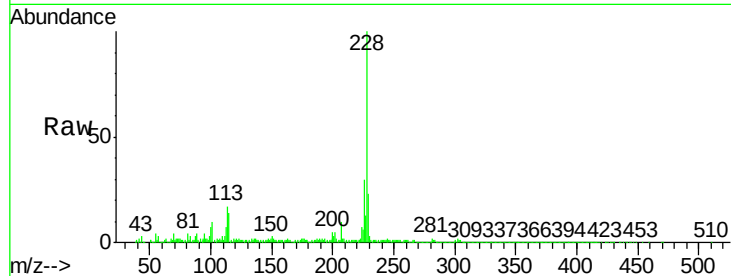
ClientSampled :

DAMF3

Tot Ion:	228	Resp:	608526
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.5	36.7
229	22.7	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 10.510 ng/ul m

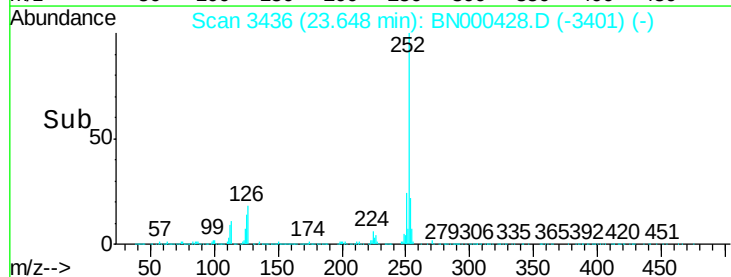
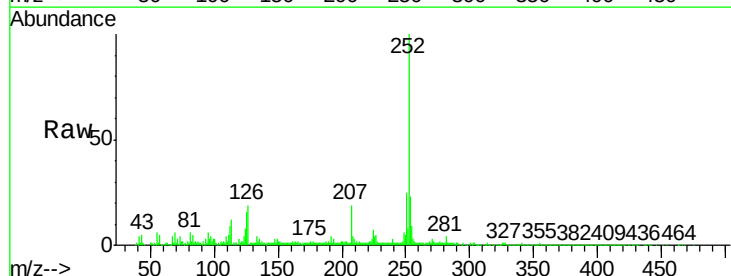
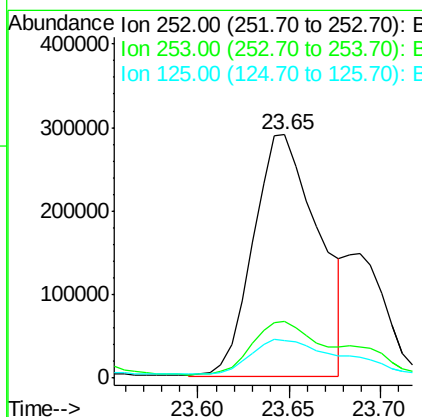
RT: 23.65 min Scan# 3436

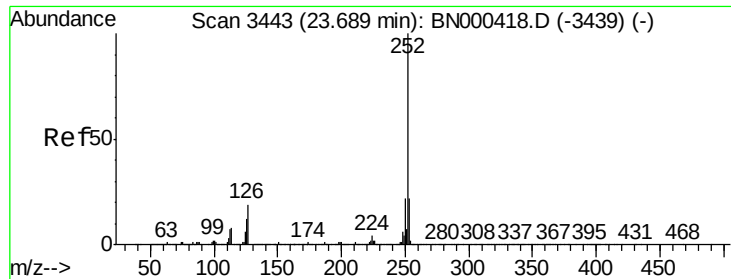
Delta R.T. 0.01 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Tgt Ion:	252	Resp:	721970
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	15.6	8.0	12.0#





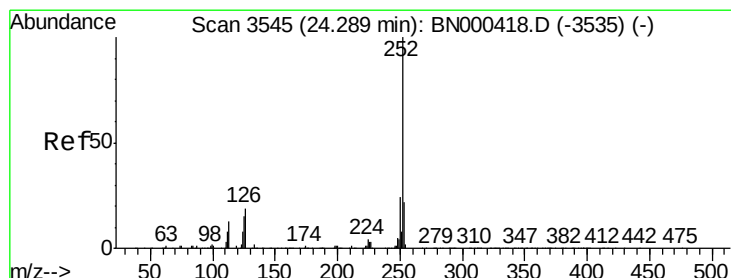
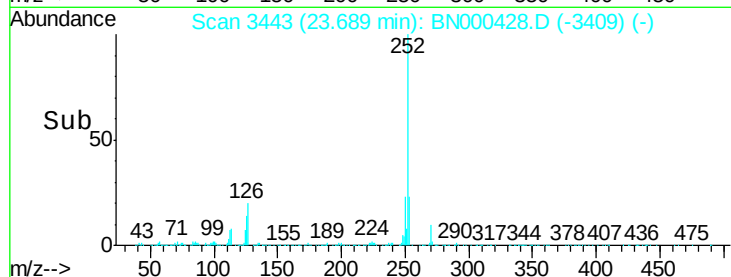
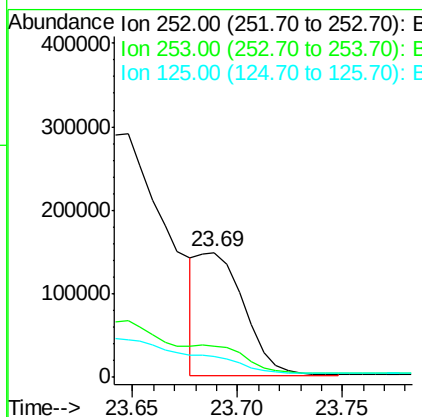
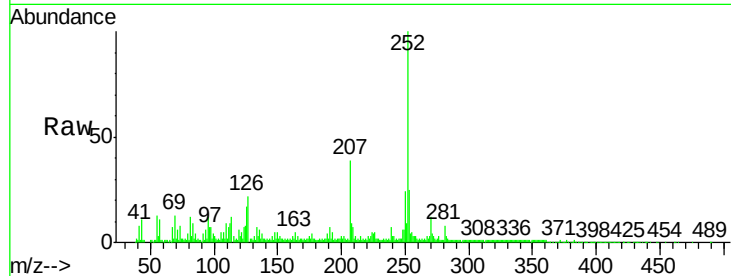
#24
Benzo(k)fluoranthene
Concen: 3.538 ng/ul m
RT: 23.69 min Scan# 3443
Delta R.T. -0.00 min
Lab File: BN000428.D
Acq: 15 Mar 2018 22:22

Instrument :
BNA_N
ClientSampled :
DAMF3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	16.7	8.1	12.1

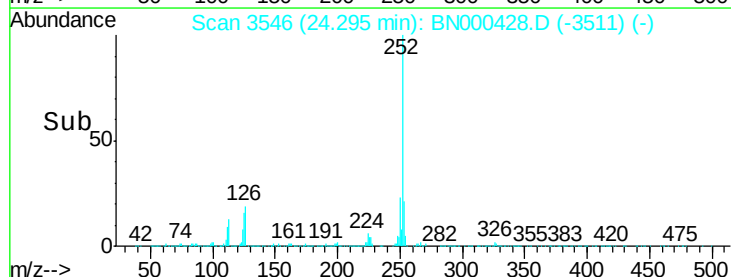
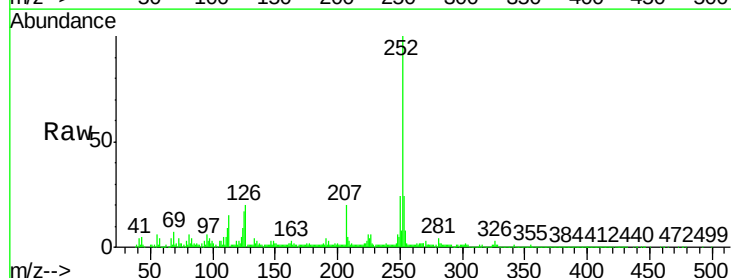
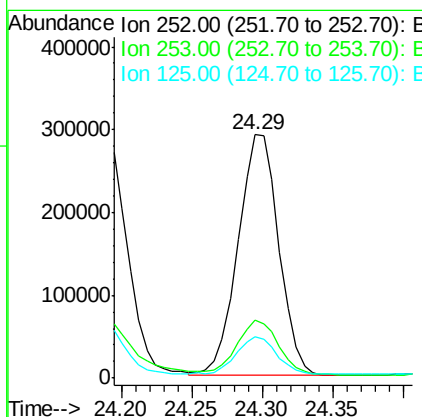
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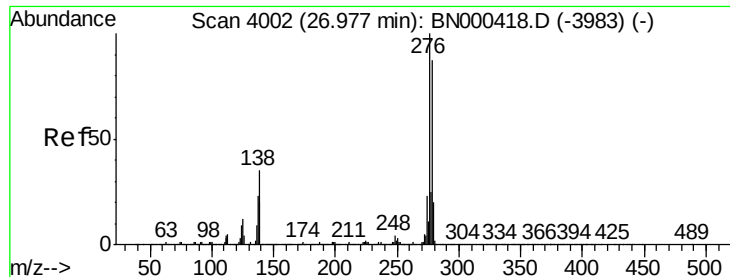
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#26
Benzo(a)pyrene
Concen: 8.961 ng/ul
RT: 24.29 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BN000428.D
Acq: 15 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	17.0	8.2	12.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.820 ng/ul

RT: 26.98 min Scan# 4003

Delta R.T. 0.01 min

Lab File: BN000428.D

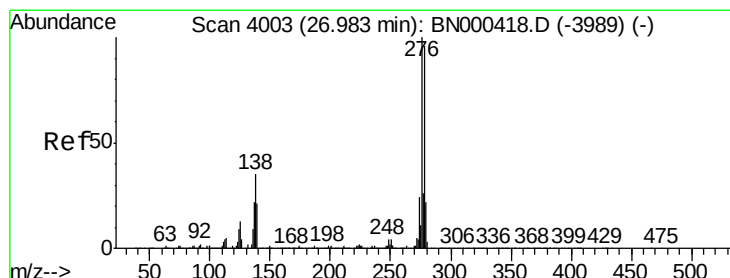
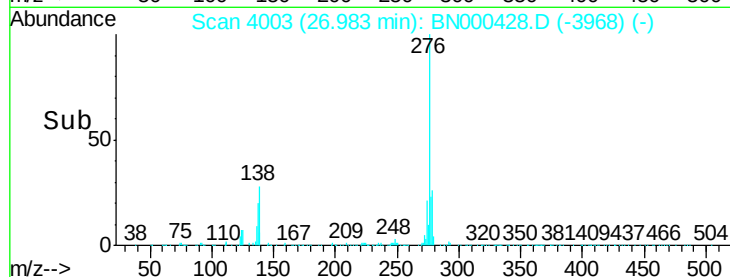
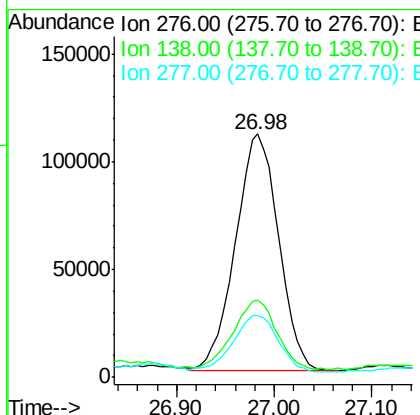
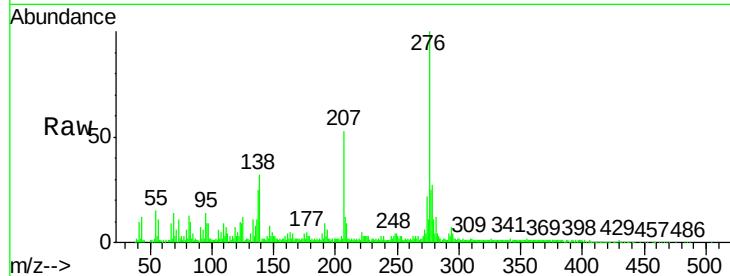
Acq: 15 Mar 2018 22:22

Instrument :
BNA_N
ClientSampleId :
DAMF3

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.5	14.4	21.6#
277	25.4	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.928 ng/ul

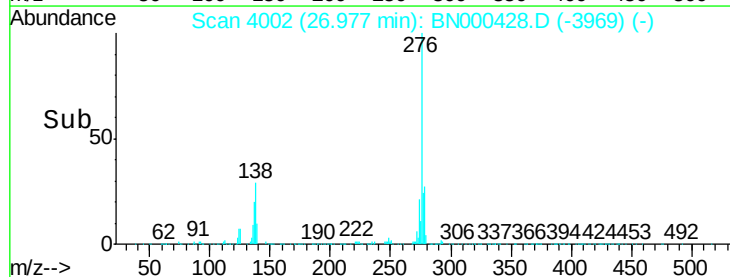
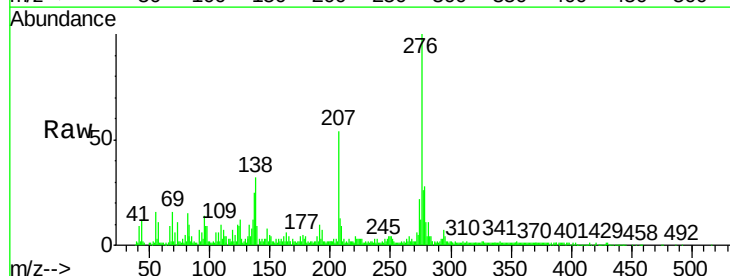
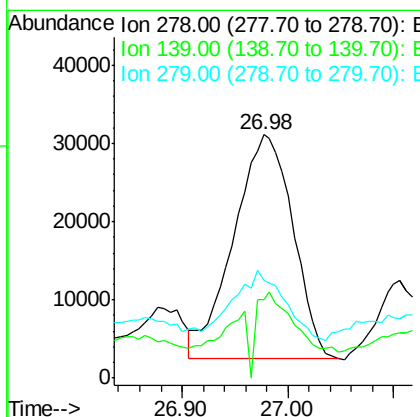
RT: 26.98 min Scan# 4002

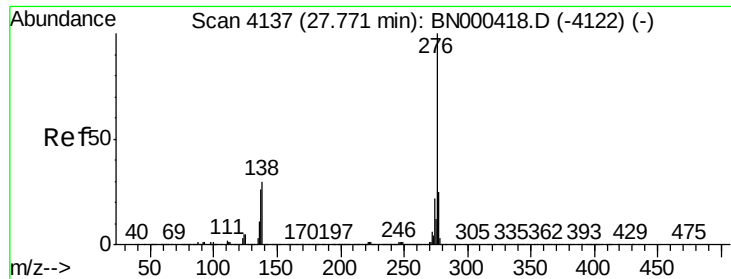
Delta R.T. -0.01 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.1	12.2	18.4#
279	40.3	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 9.664 ng/ul

RT: 27.79 min Scan# 4140

Delta R.T. 0.02 min

Lab File: BN000428.D

Acq: 15 Mar 2018 22:22

Instrument :

BNA_N

ClientSampleId :

DAMF3

Tot Ion:	276	Resp:	568813
Ion Ratio	Lower	Upper	
276	100		
138	30.3	15.3	22.9#
277	24.7	19.0	28.4

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