

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000383.D
 Acq On : 14 Mar 2018 20:16
 Operator : JU/SJ
 Sample : J1865-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMC5

Manual Integrations
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Quant Time: Mar 15 07:26:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	232818	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1126838	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	625498	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1328103	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1125452	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1016699	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2229333	35.91	ng/ul	0.00
10) Fluorene-d10	16.05	176	1441615	34.29	ng/ul	0.00
14) Anthracene-d10	17.88	188	2162023	34.84	ng/ul	0.00
18) Pyrene-d10	20.13	212	2240777	40.70	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1620935	34.91	ng/ul	0.00
Target Compounds						
3) Naphthalene	11.34	128	81798	1.376	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	61596	1.472	ng/ul	97
13) Phenanthrene	17.83	178	82277	1.080	ng/ul	97
16) Fluoranthene	19.80	202	137623	1.672	ng/ul#	93
19) Pyrene	20.16	202	129507	1.823	ng/ul#	87
20) Benzo(a)anthracene	21.89	228	78625m	1.124	ng/ul	
21) Chrysene	21.94	228	81069m	1.221	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	93286m	1.539	ng/ul	
26) Benzo(a)pyrene	24.27	252	65035	1.127	ng/ul#	85

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

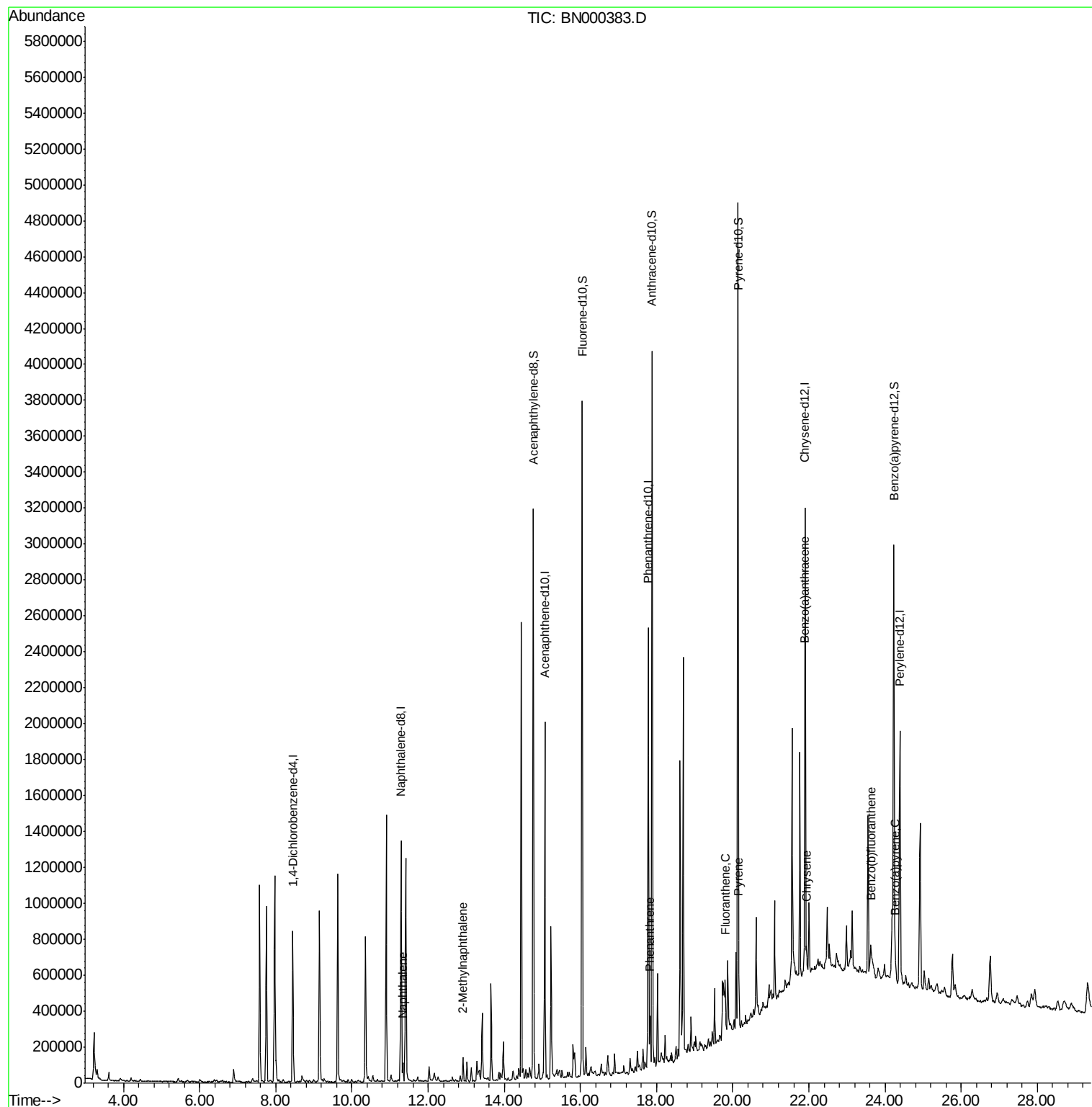
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
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ALS Vial : 19 Sample Multiplier: 1

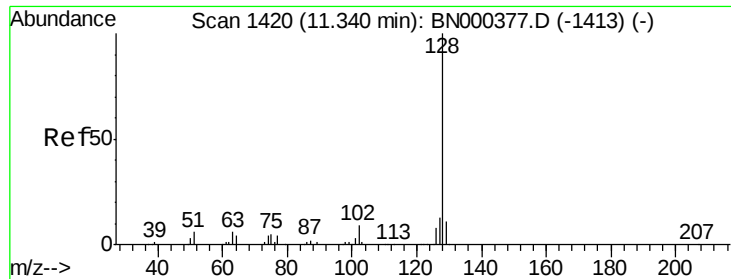
Instrument :
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DAMC5

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Response via : Initial Calibration





#3

Naphthalene

Concen: 1.376 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

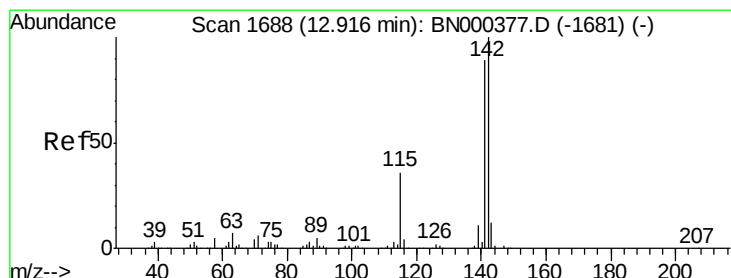
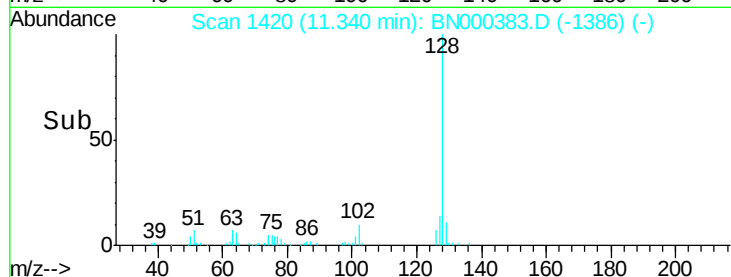
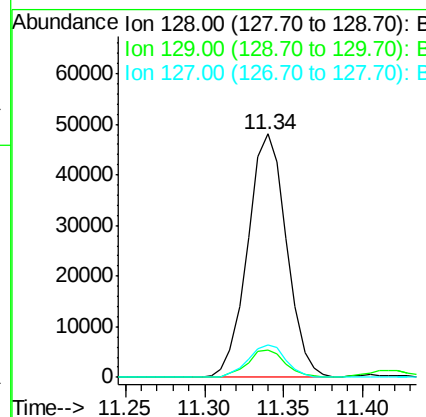
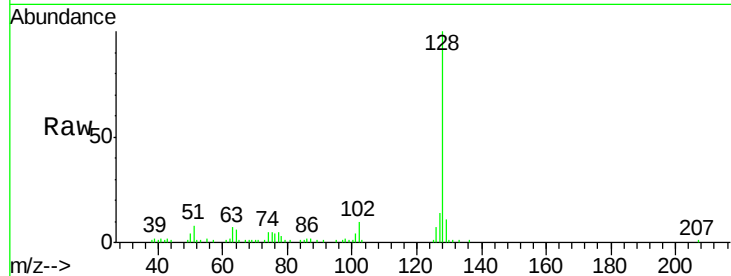
ClientSampleId :

DAMC5

Tgt Ion:	128	Resp:	81798
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.7	13.1
127	13.5	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 1.472 ng/ul

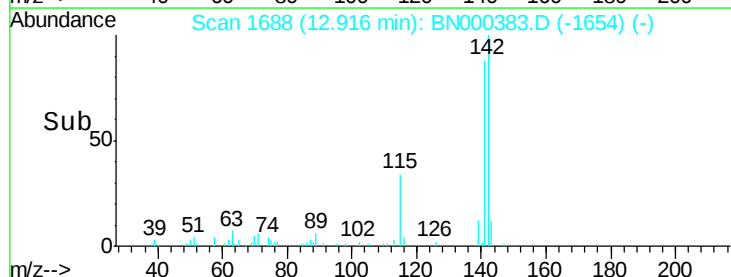
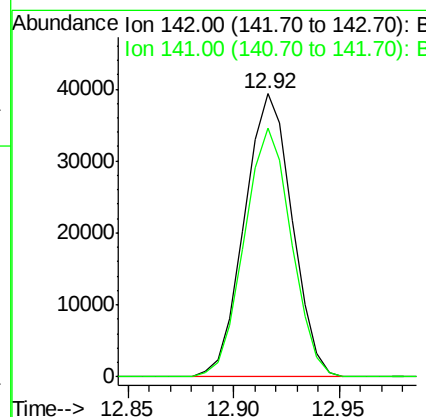
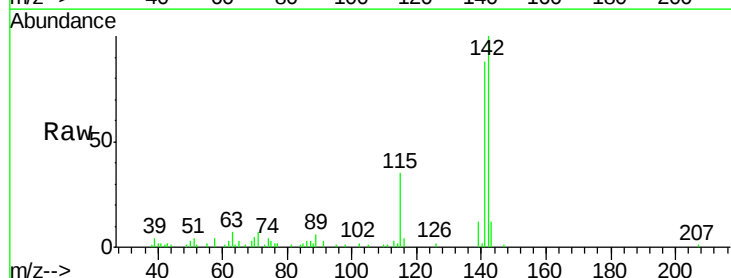
RT: 12.92 min Scan# 1688

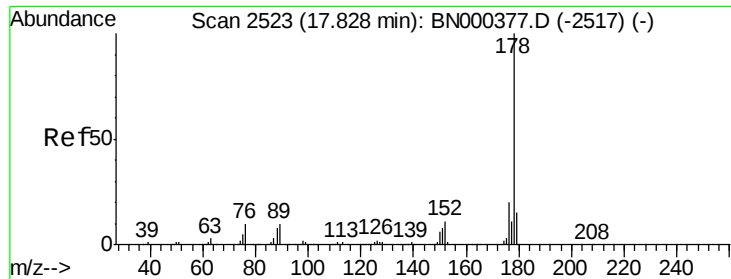
Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Tgt Ion:	142	Resp:	61596
Ion Ratio	Lower	Upper	
142	100		
141	88.1	72.7	109.1





#13

Phenanthrene

Concen: 1.080 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

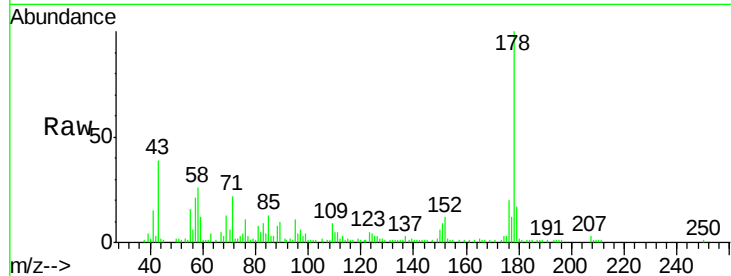
ClientSampled :

DAMC5

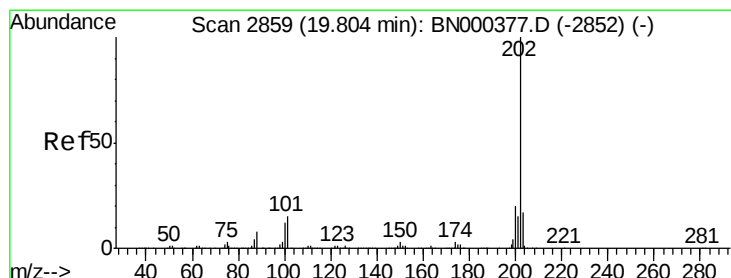
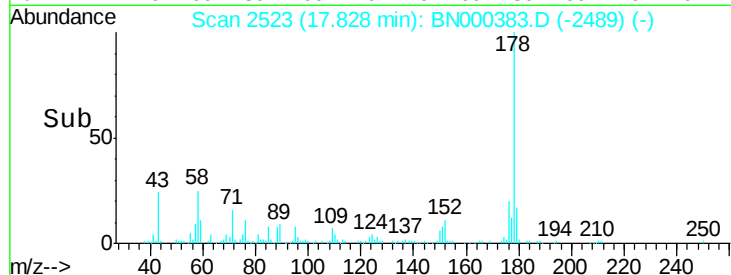
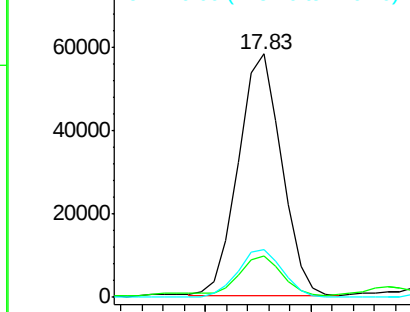
Tgt Ion:	178	Resp:	82277
Ion Ratio	Lower	Upper	
178	100		
179	17.2	12.3	18.5
176	19.8	15.1	22.7

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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



#16

Fluoranthene

Concen: 1.672 ng/ul

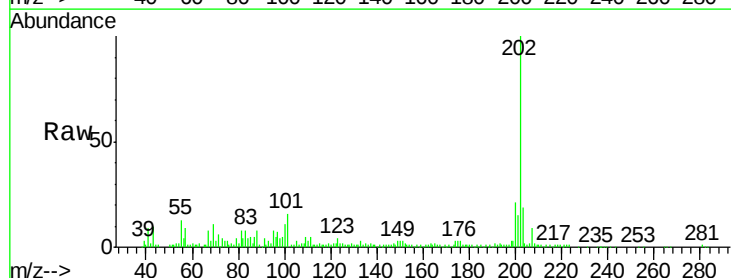
RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

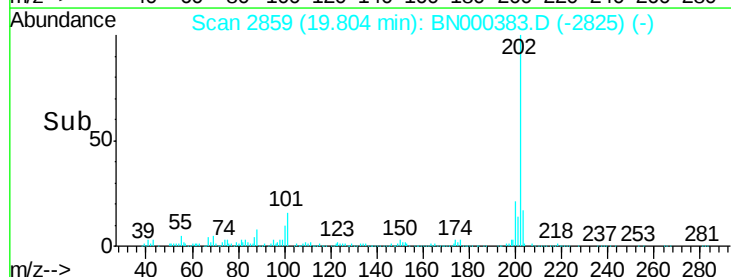
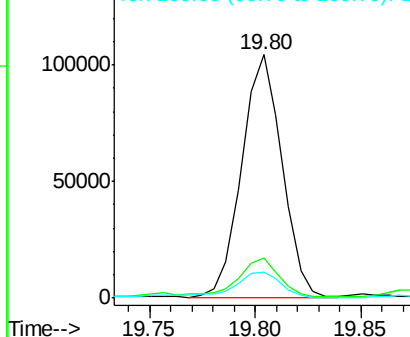
Lab File: BN000383.D

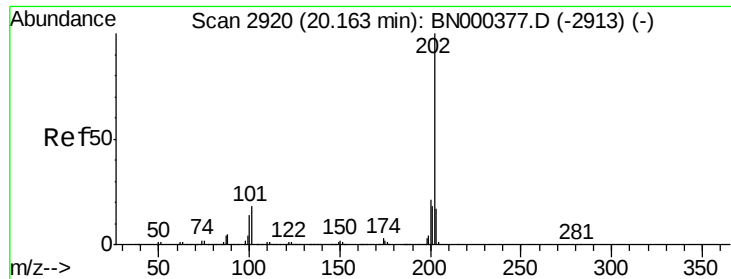
Acq: 14 Mar 2018 20:16

Tgt Ion:	202	Resp:	137623
Ion Ratio	Lower	Upper	
202	100		
101	16.3	9.9	14.9#
100	10.6	7.4	11.0



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





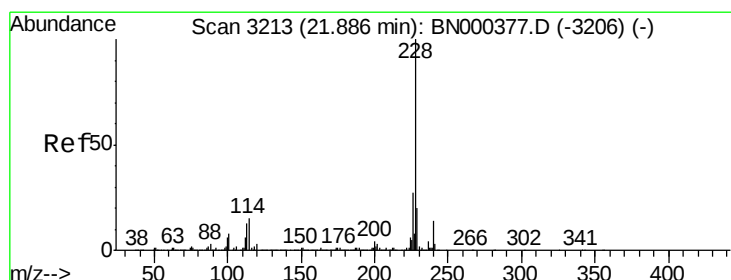
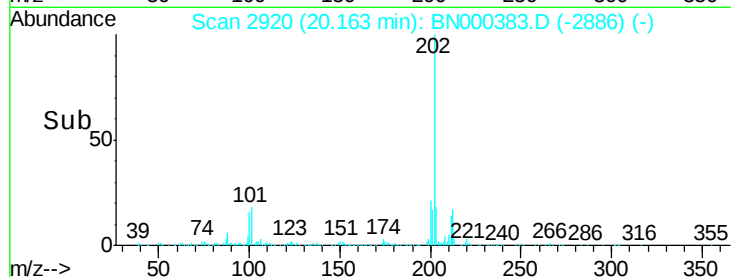
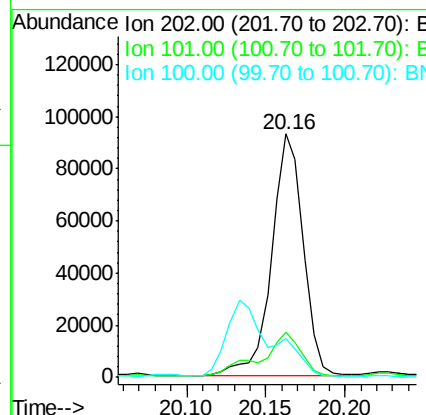
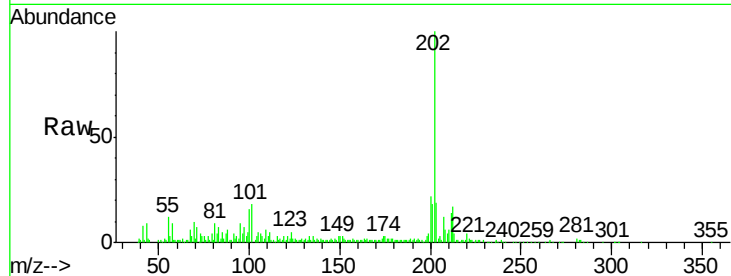
#19
 Pyrene
 Concen: 1.823 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BN000383.D
 Acq: 14 Mar 2018 20:16

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.3	11.0	16.4#
100	15.7	8.1	12.1#

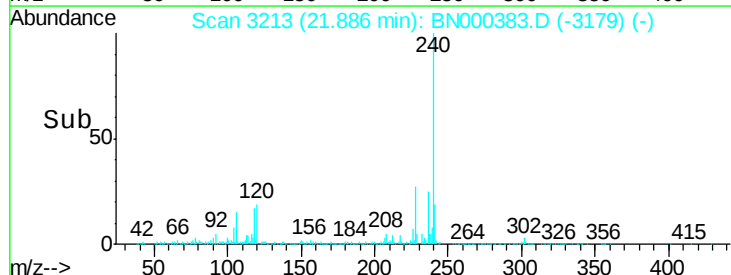
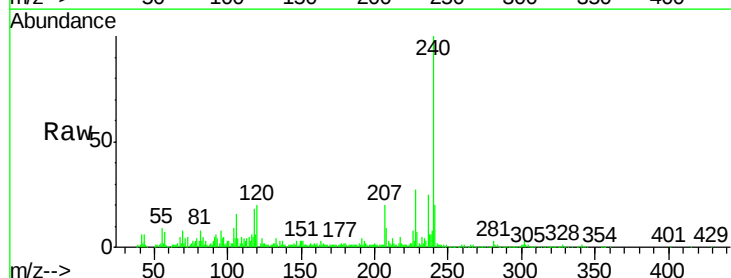
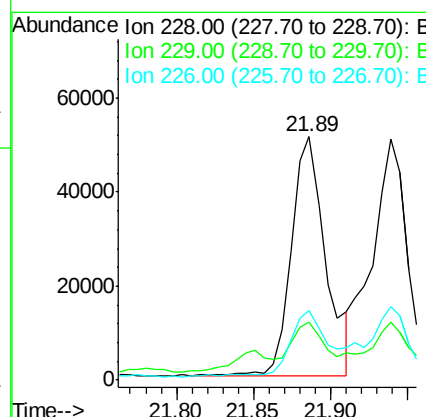
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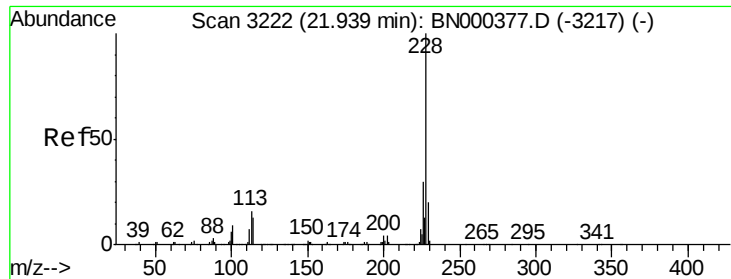
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#20
 Benzo(a)anthracene
 Concen: 1.124 ng/ul m
 RT: 21.89 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BN000383.D
 Acq: 14 Mar 2018 20:16

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.1	15.7	23.5#
226	28.5	21.1	31.7





#21

Chrysene

Concen: 1.221 ng/ul m

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

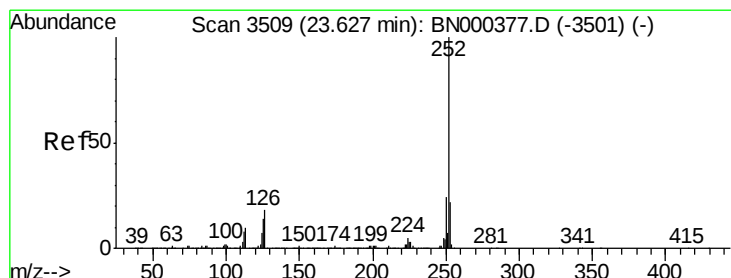
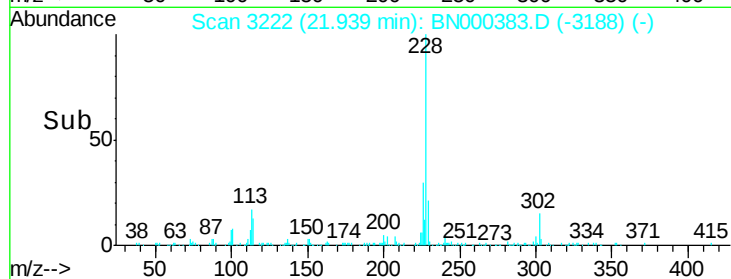
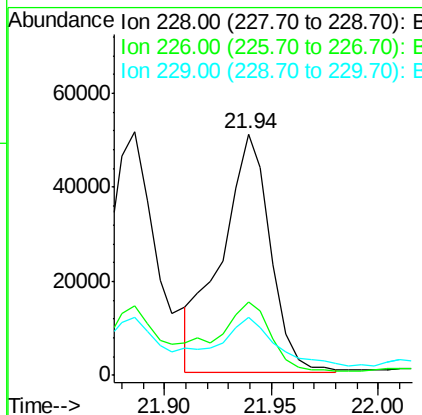
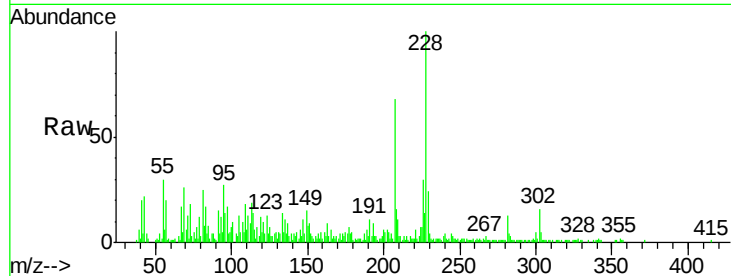
ClientSampleId :

DAMC5

Tgt Ion:	228	Resp:	81069
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	23.9	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 1.539 ng/ul m

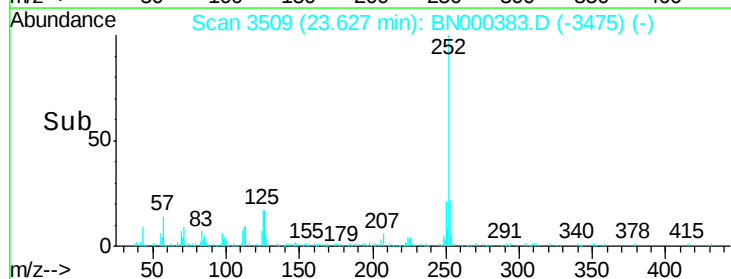
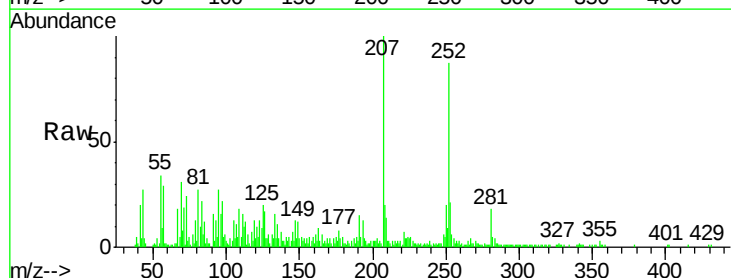
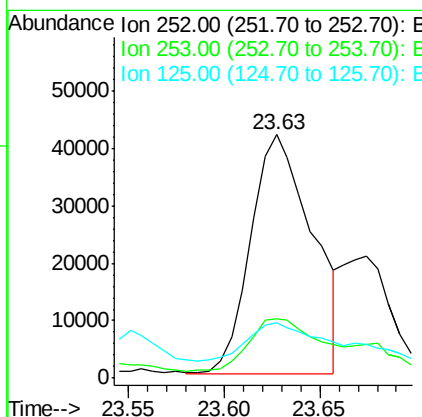
RT: 23.63 min Scan# 3509

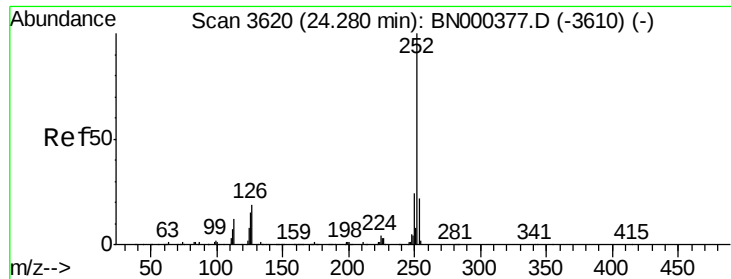
Delta R.T. -0.00 min

Lab File: BN000383.D

Acq: 14 Mar 2018 20:16

Tgt Ion:	252	Resp:	93286
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.0	27.0
125	22.9	8.0	12.0#





#26

Benzo(a)pyrene

Concen: 1.127 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000383.D

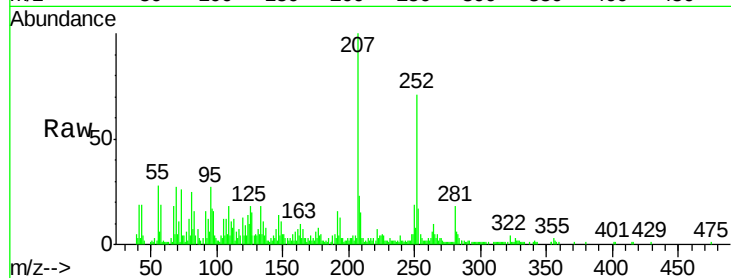
Acq: 14 Mar 2018 20:16

Instrument :

BNA_N

ClientSampleId :

DAMC5



Tgt Ion:	252	Resp:	65035
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.2	25.8
125	24.8	8.2	12.4

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