

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000382.D
 Acq On : 14 Mar 2018 19:41
 Operator : JU/SJ
 Sample : J1865-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMC4

Manual Integrations
 APPROVED

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 3/15/2018 7:02:47 PM

Quant Time: Mar 15 07:23:52 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	286945	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1397950	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	777090	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1689300	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1444117	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1326152	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2330948	30.22	ng/ul	0.00
10) Fluorene-d10	16.05	176	1528407	29.26	ng/ul	0.00
14) Anthracene-d10	17.88	188	2266571	28.72	ng/ul	0.00
18) Pyrene-d10	20.14	212	2412840	34.15	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1757530	29.02	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.83	178	136431	1.408	ng/ul	99
16) Fluoranthene	19.80	202	394819	3.772	ng/ul#	93
19) Pyrene	20.16	202	347947	3.816	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	263196	2.932	ng/ul	99
21) Chrysene	21.94	228	252391m	2.962	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	350690m	4.435	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	110089m	1.487	ng/ul	
26) Benzo(a)pyrene	24.28	252	204130	2.712	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.95	276	149530	1.843	ng/ul#	87
29) Benzo(g,h,i)perylene	27.74	276	124770	1.841	ng/ul#	88

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

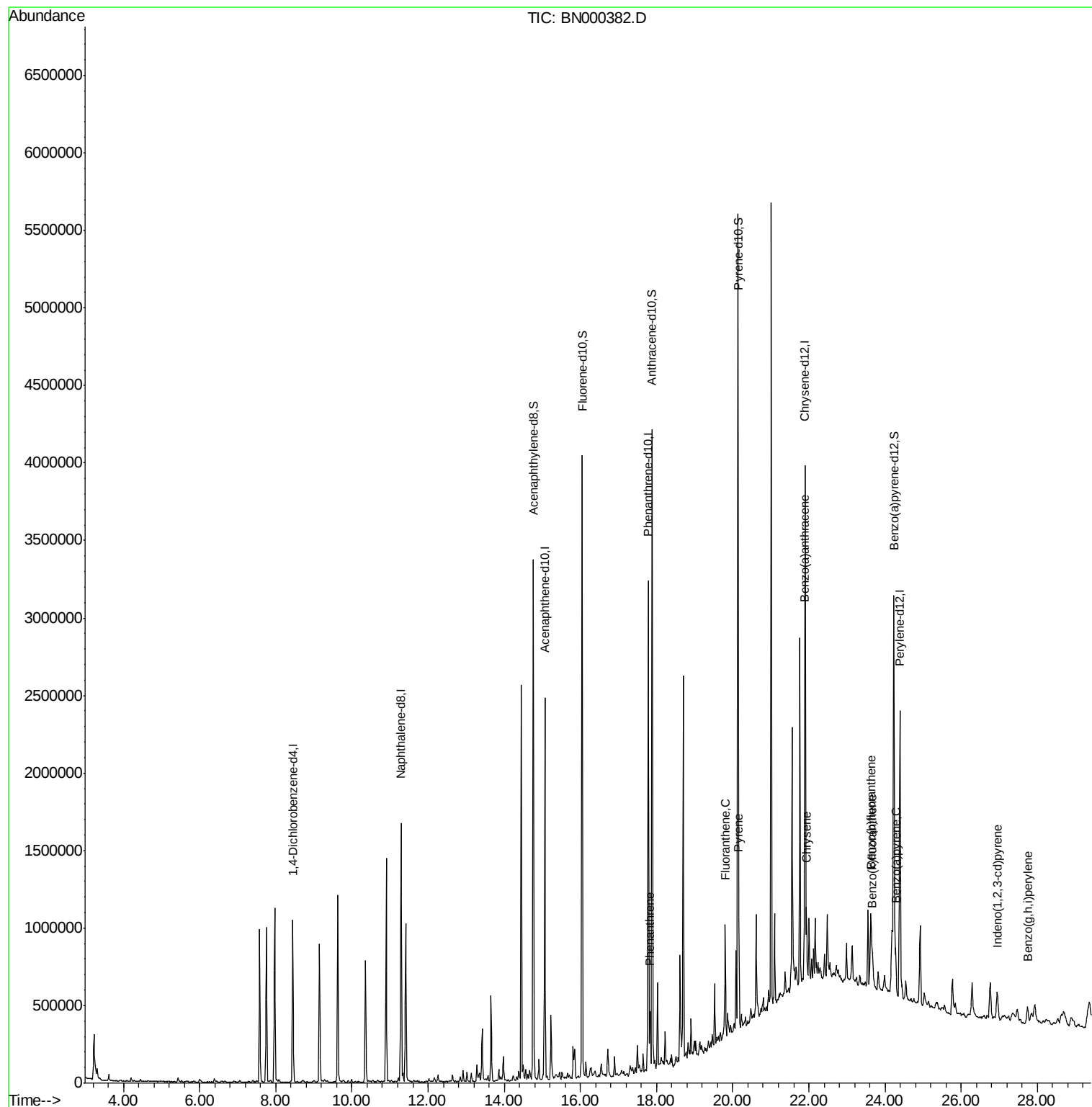
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

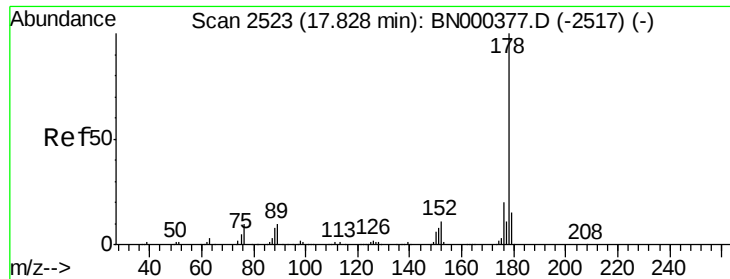
Instrument :
BNA_N
ClientSampled :
DAMC4

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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
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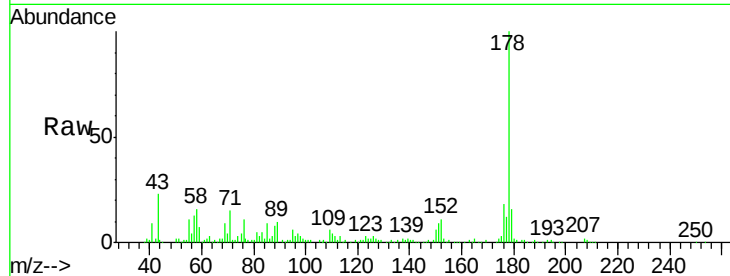
#13
Phenanthrene
Concen: 1.408 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000382.D
Acq: 14 Mar 2018 19:41

Instrument :
BNA_N
ClientSampleId :
DAMC4

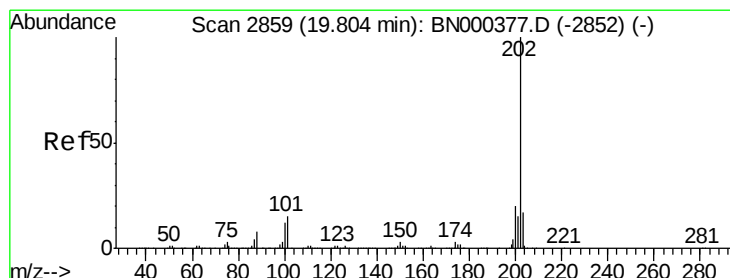
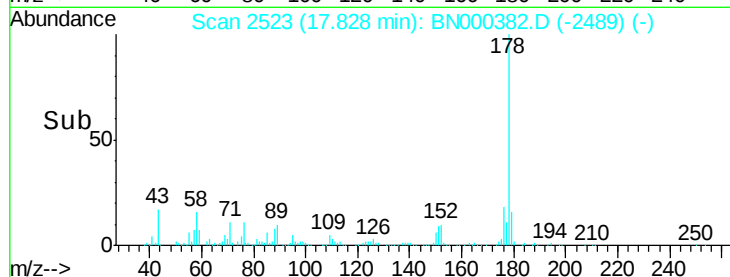
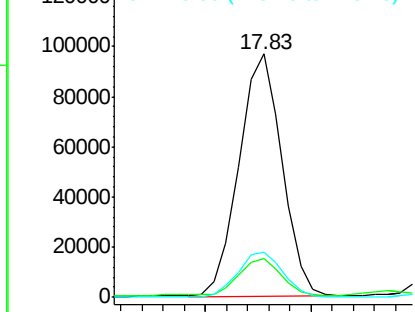
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.4	15.1	22.7

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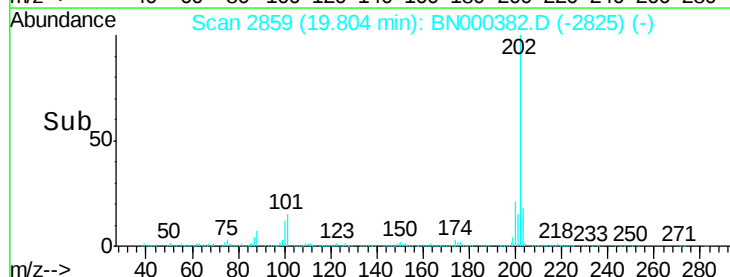
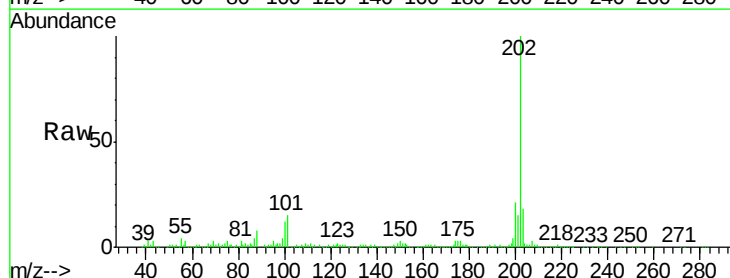
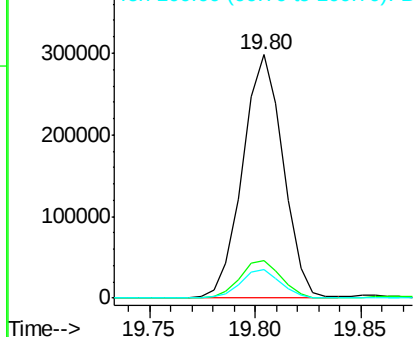
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

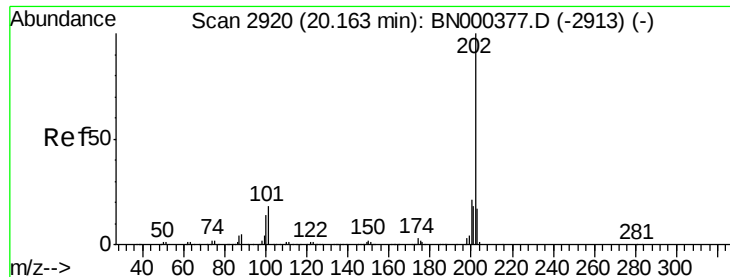


#16
Fluoranthene
Concen: 3.772 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000382.D
Acq: 14 Mar 2018 19:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.9	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: 3.816 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Instrument :

BNA_N

ClientSampled :

DAMC4

Tgt Ion: 202 Resp: 347947

Ion Ratio Lower Upper

202 100

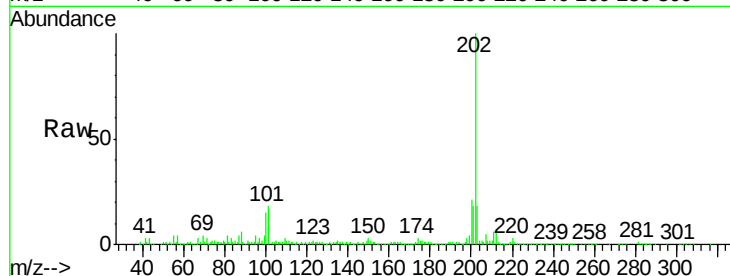
101 18.2 11.0 16.4#

100 15.0 8.1 12.1#

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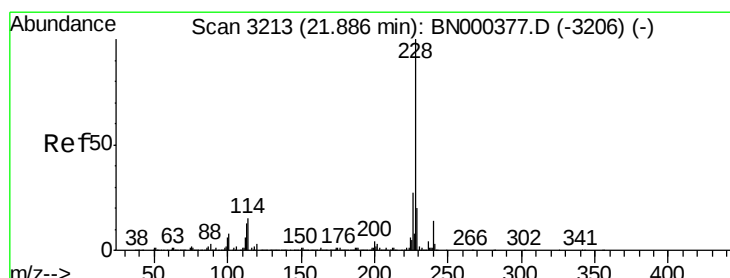
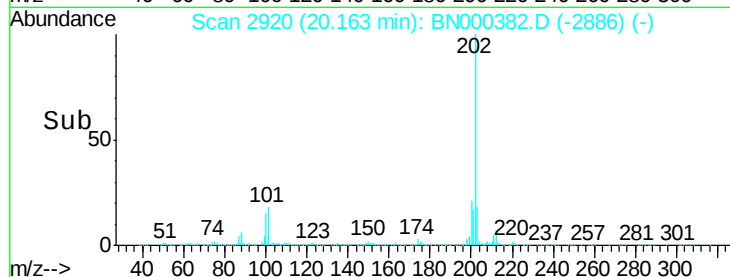
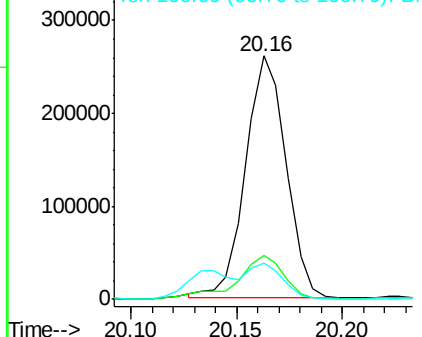
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Benzo(a)anthracene

Concen: 2.932 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

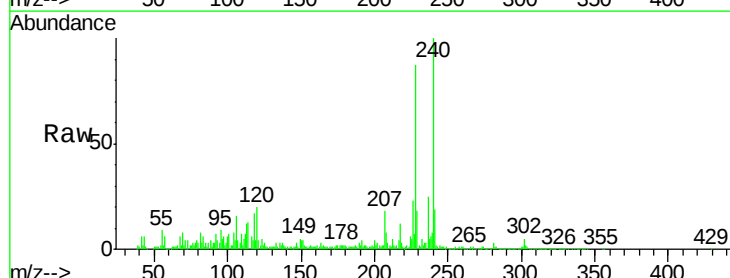
Tgt Ion: 228 Resp: 263196

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

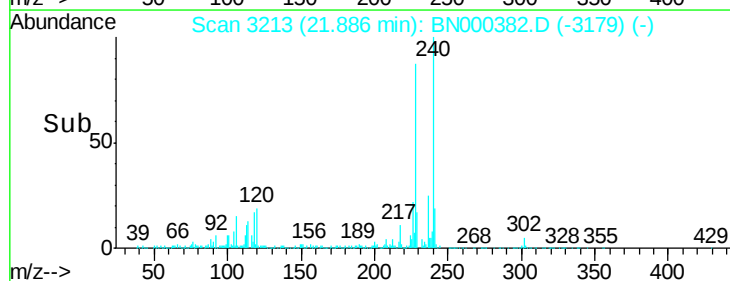
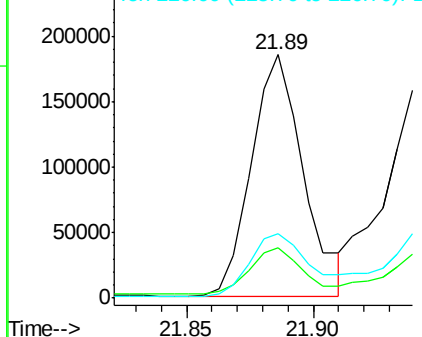
226 26.5 21.1 31.7

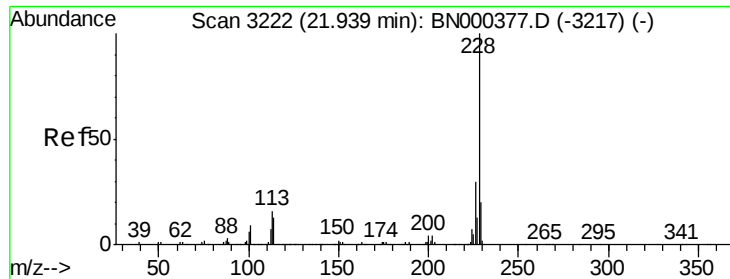


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.962 ng/ul m

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Instrument :

BNA_N

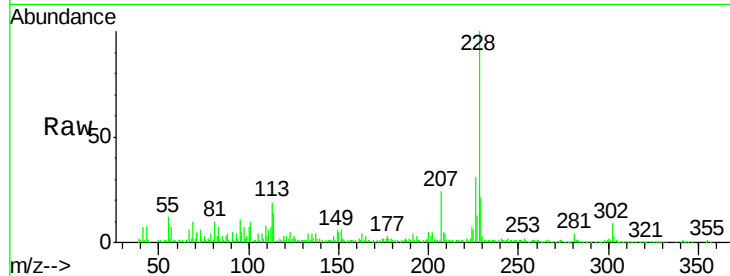
ClientSampled :

DAMC4

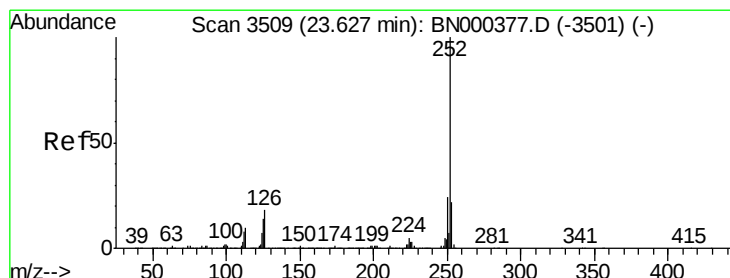
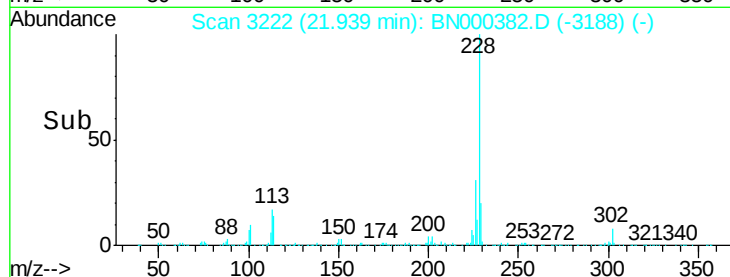
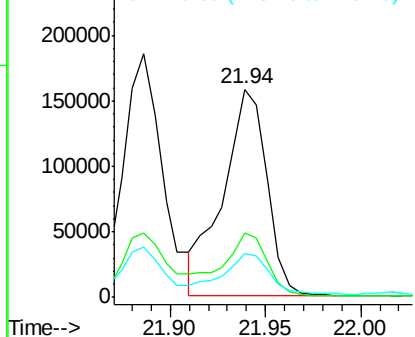
Tgt Ion:	228	Resp:	252391
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.5	36.7
229	21.3	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 4.435 ng/ul m

RT: 23.63 min Scan# 3509

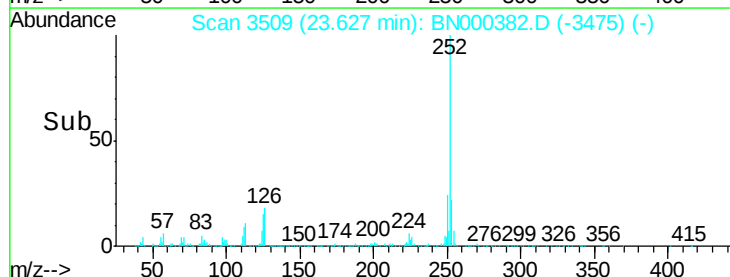
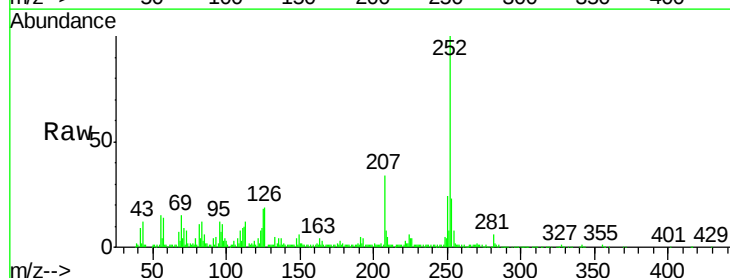
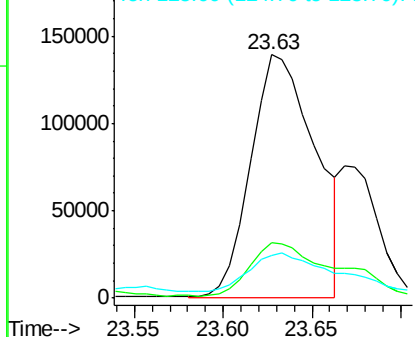
Delta R.T. -0.00 min

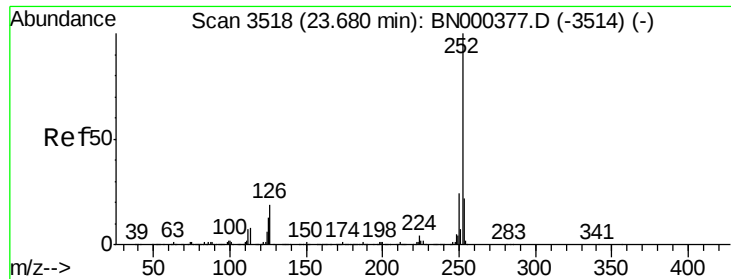
Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Tgt Ion:	252	Resp:	350690
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	17.7	8.0	12.0#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 1.487 ng/ul m

RT: 23.67 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Instrument :

BNA_N

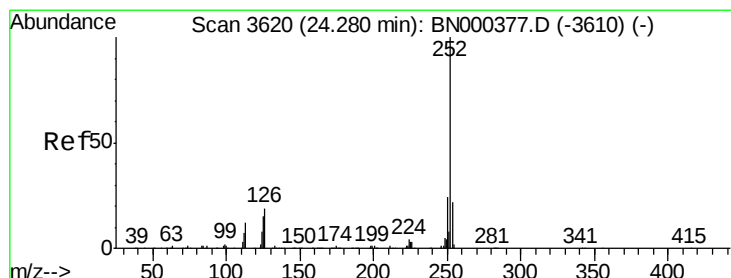
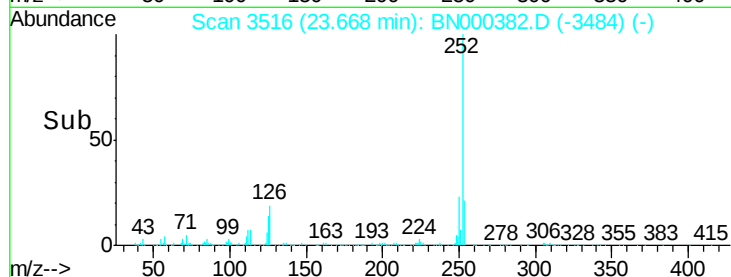
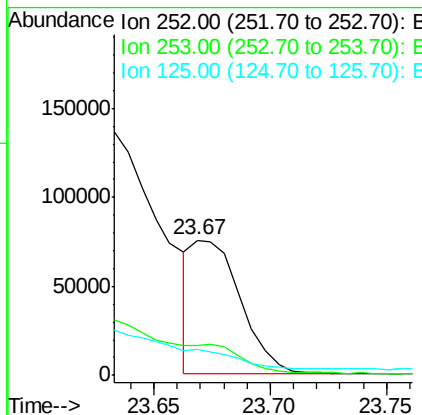
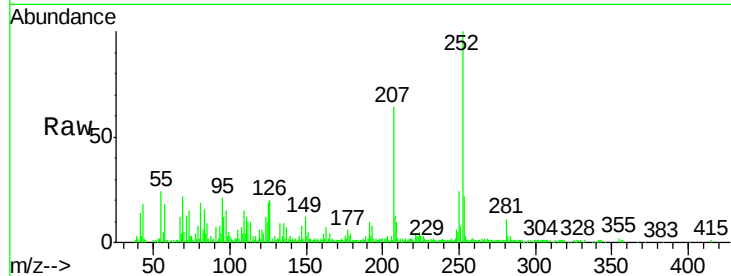
ClientSampled :

DAMC4

Tgt Ion:	252	Resp:	110089
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	18.8	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 2.712 ng/ul

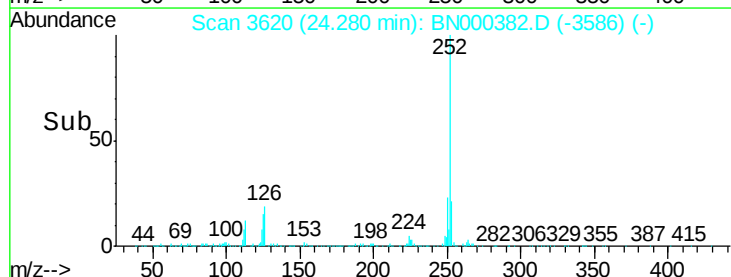
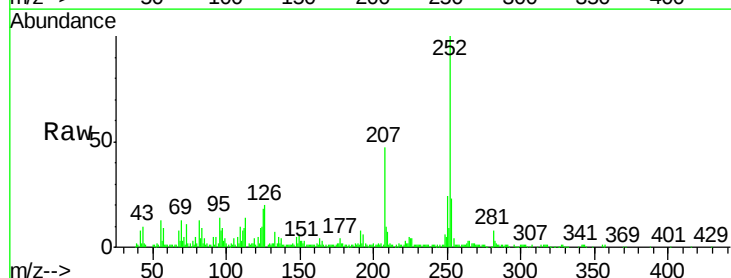
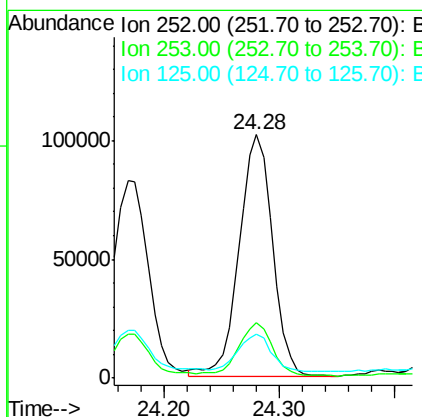
RT: 24.28 min Scan# 3620

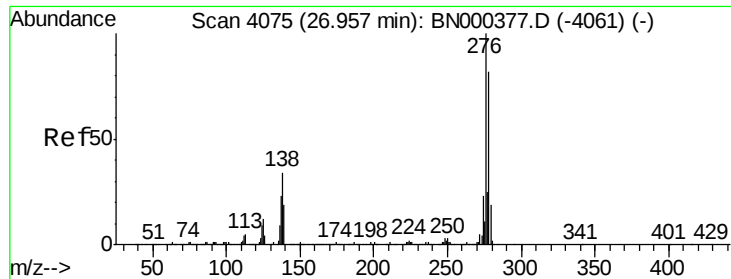
Delta R.T. -0.00 min

Lab File: BN000382.D

Acq: 14 Mar 2018 19:41

Tgt Ion:	252	Resp:	204130
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	18.3	8.2	12.4#





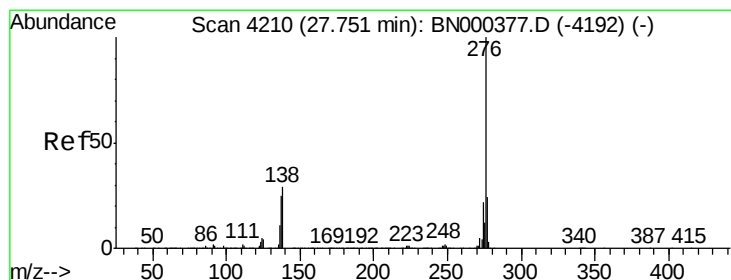
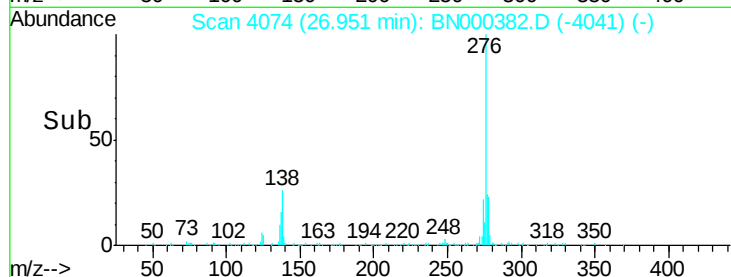
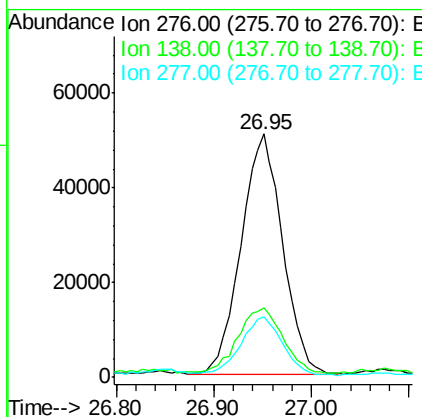
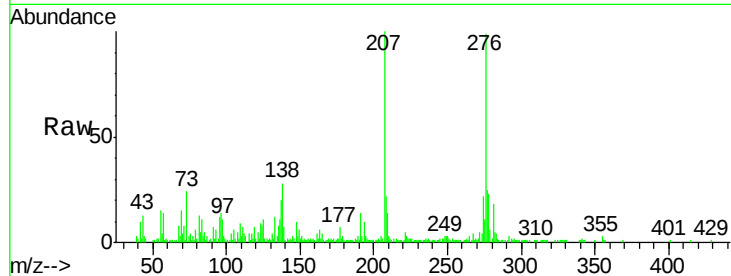
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.843 ng/ul
 RT: 26.95 min Scan# 4074
 Delta R.T. -0.01 min
 Lab File: BN000382.D
 Acq: 14 Mar 2018 19:41

Instrument :
 BNA_N
 ClientSampleId :
 DAMC4

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	14.4	21.6#
277	24.8	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 1.841 ng/ul
 RT: 27.74 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: BN000382.D
 Acq: 14 Mar 2018 19:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	15.3	22.9#
277	25.4	19.0	28.4

