

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000341.D
 Acq On : 13 Mar 2018 10:38
 Operator : JU/SJ
 Sample : J1845-14
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMC7

Quant Time: Mar 14 05:42:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 05:40:51 2018
 Response via : Initial Calibration

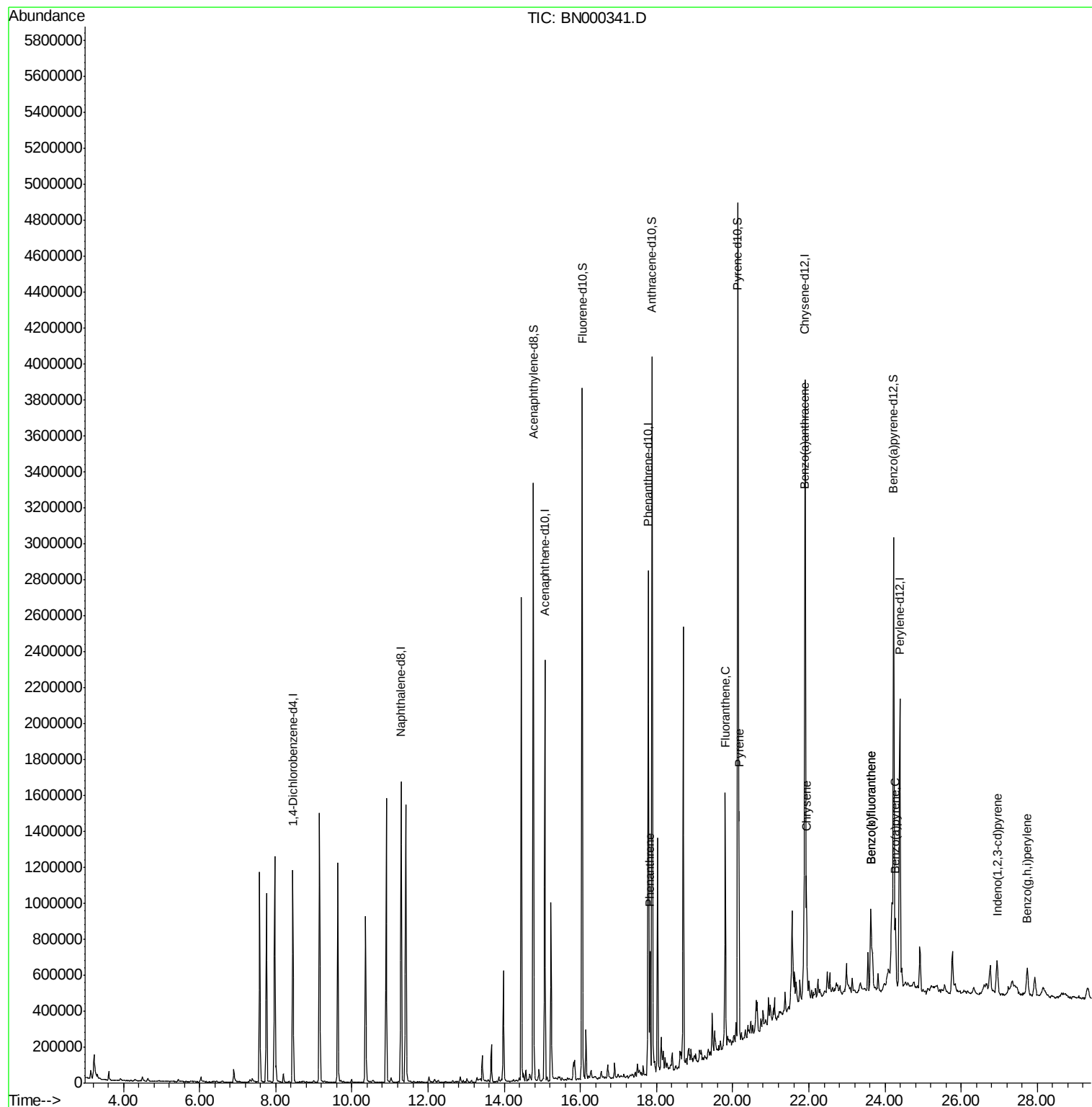
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	312457	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1406913	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	743050	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1516105	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1352120	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1142150	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2256262	30.59	ng/ul	0.00
10) Fluorene-d10	16.04	176	1446205	28.96	ng/ul	0.00
14) Anthracene-d10	17.88	188	2156489	30.44	ng/ul	0.00
18) Pyrene-d10	20.13	212	2257224	34.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1628559	31.22	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	343150	3.947	ng/ul	99
16) Fluoranthene	19.80	202	751169	7.996	ng/ul#	94
19) Pyrene	20.16	202	658577	7.715	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	300474	3.575	ng/ul	96
21) Chrysene	21.94	228	304854	3.822	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	391695	5.751	ng/ul#	94
24) Benzo(k)fluoranthene	23.63	252	365644	5.735	ng/ul#	94
26) Benzo(a)pyrene	24.27	252	250055	3.858	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.94	276	165153	2.363	ng/ul#	86
29) Benzo(g,h,i)perylene	27.73	276	177759	3.046	ng/ul#	87

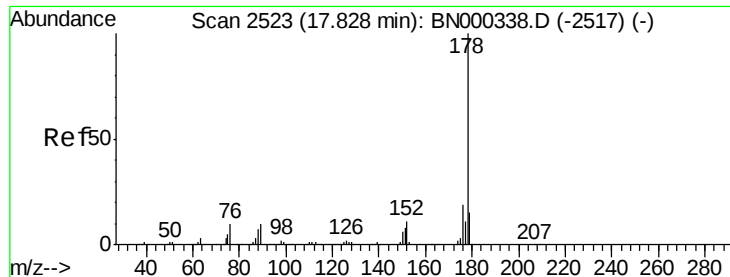
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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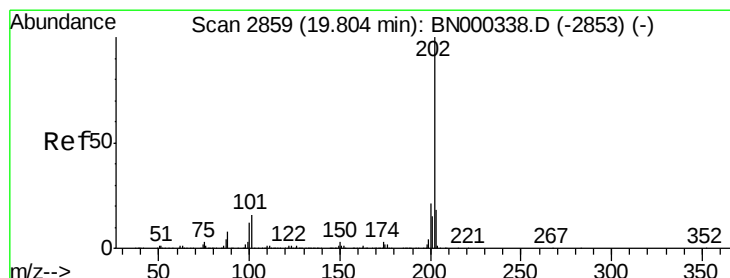
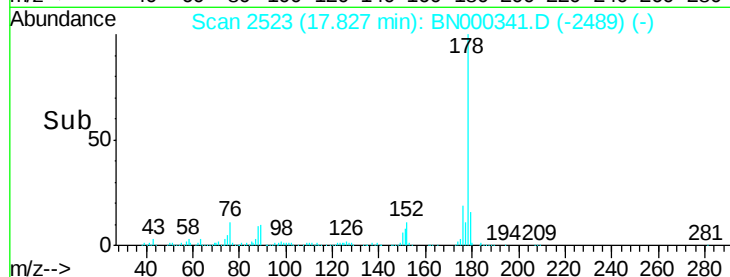
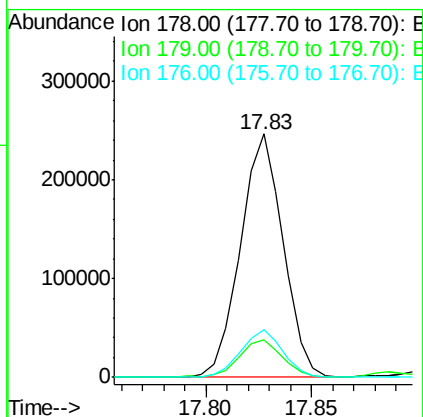
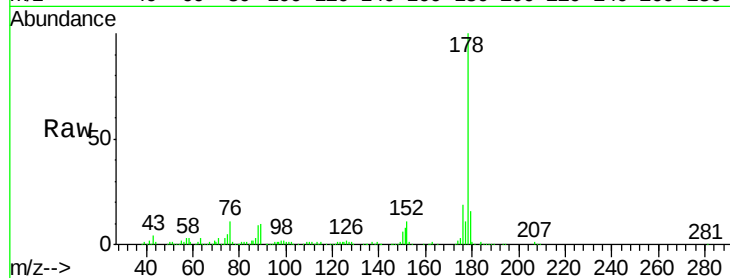




#13
Phenanthrene
Concen: 3.947 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

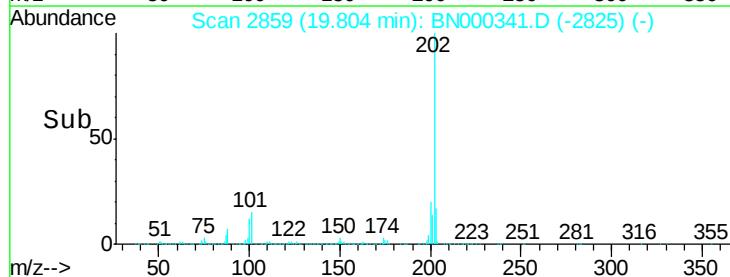
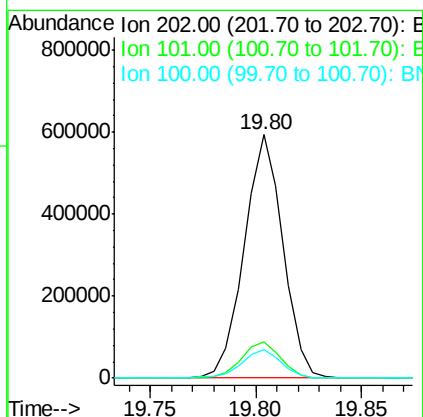
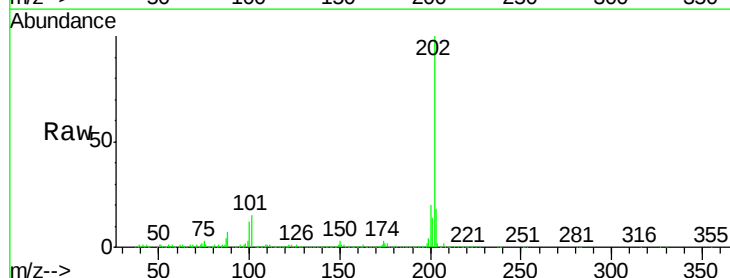
Instrument :
BNA_N
ClientSampleId :
DAMC7

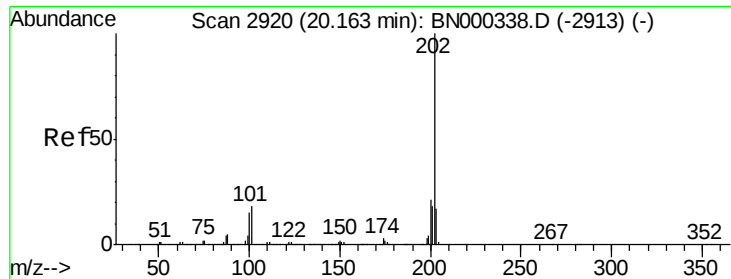
Tot Ion:178 Resp: 343150
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.4 15.1 22.7



#16
Fluoranthene
Concen: 7.996 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Tgt Ion:202 Resp: 751169
Ion Ratio Lower Upper
202 100
101 14.7 9.9 14.9
100 11.7 7.4 11.0#





#19

Pvrene

Concen: 7.715 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000341.D

Acq: 13 Mar 2018 10:38

Instrument :

BNA_N

ClientSampleId :

DAMC7

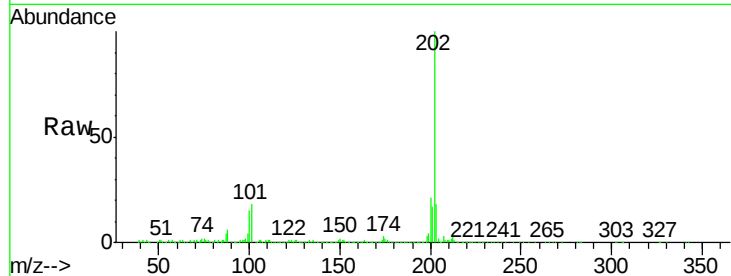
Tot Ion:202 Resp: 658577

Ion Ratio Lower Upper

202 100

101 18.0 11.0 16.4#

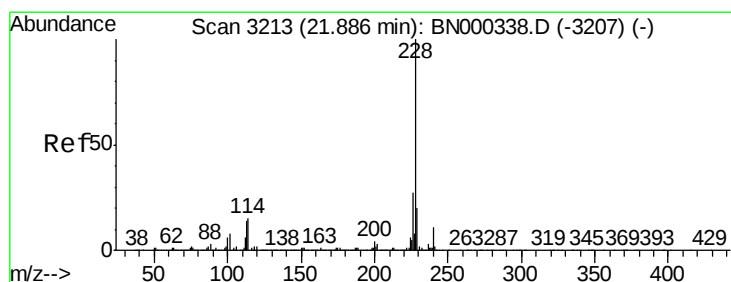
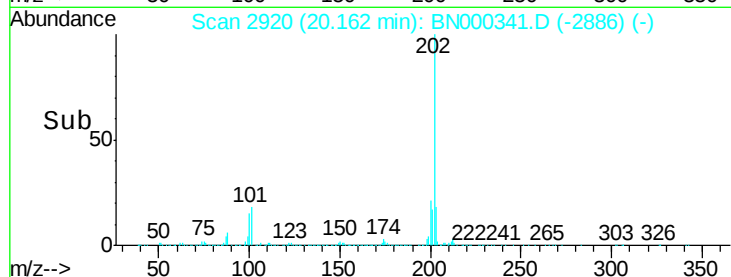
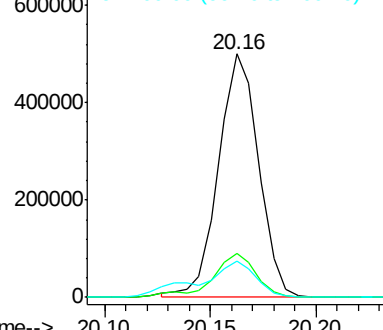
100 14.7 8.1 12.1#



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: 3.575 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000341.D

Acq: 13 Mar 2018 10:38

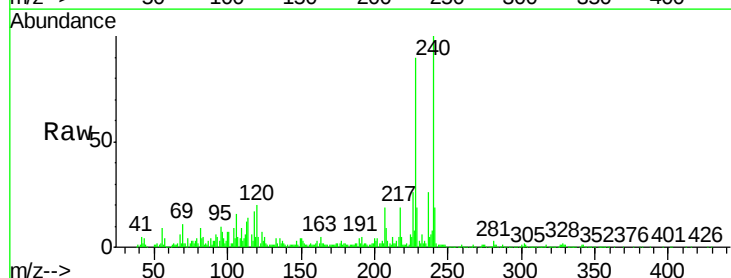
Tgt Ion:228 Resp: 300474

Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

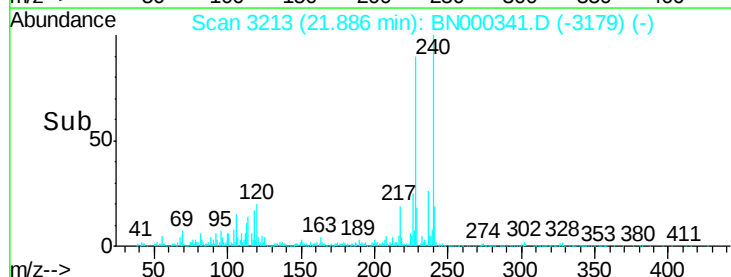
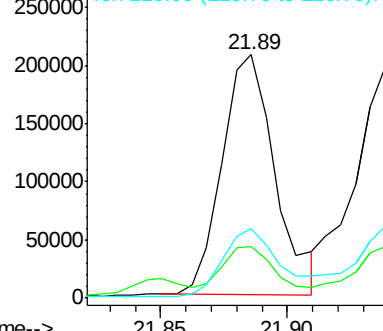
226 28.3 21.1 31.7

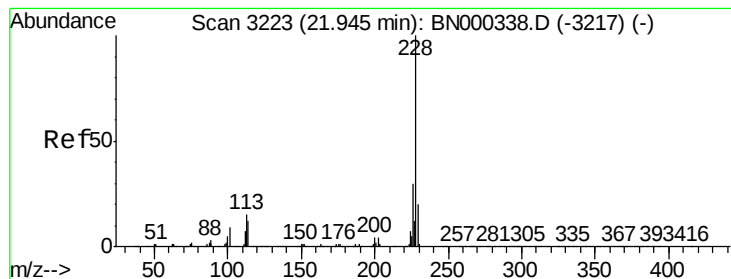


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.822 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000341.D

Acq: 13 Mar 2018 10:38

Instrument :

BNA_N

ClientSampleId :

DAMC7

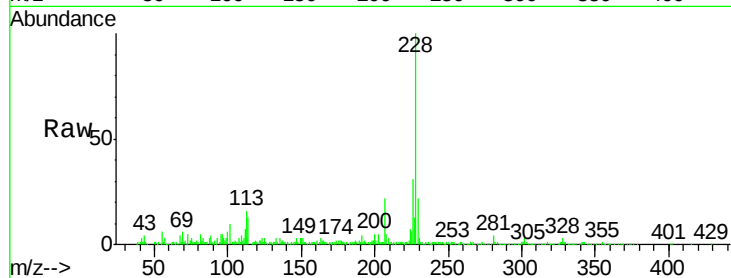
Tot Ion:228 Resp: 304854

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

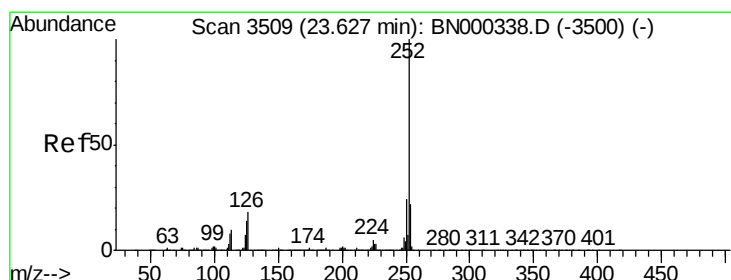
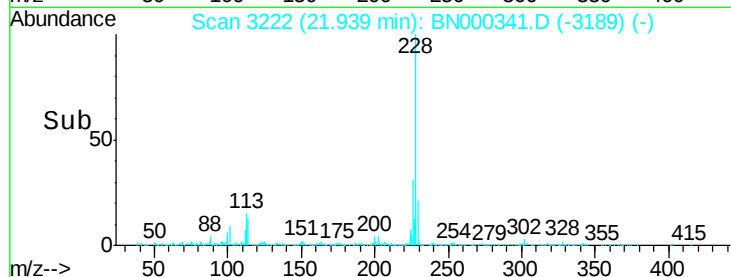
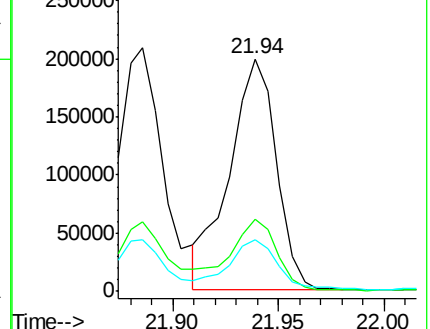
229 22.1 15.8 23.8



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: 5.751 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000341.D

Acq: 13 Mar 2018 10:38

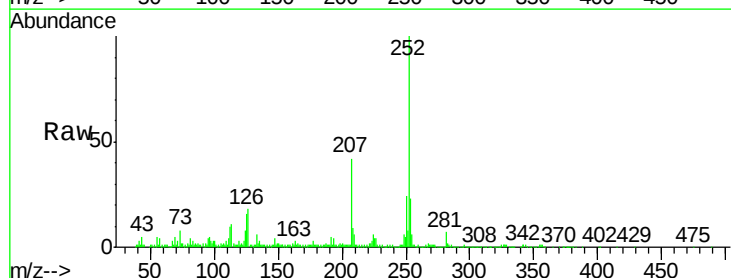
Tgt Ion:252 Resp: 391695

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

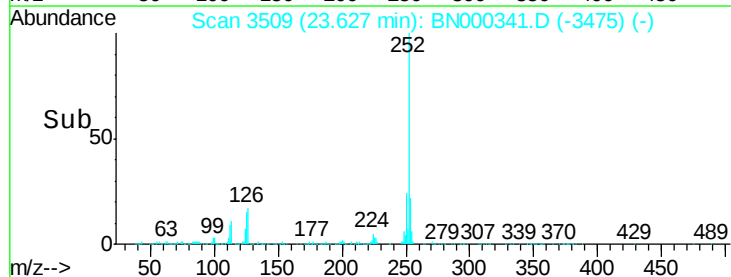
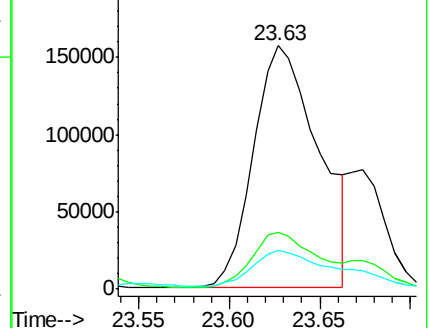
125 15.8 8.0 12.0#

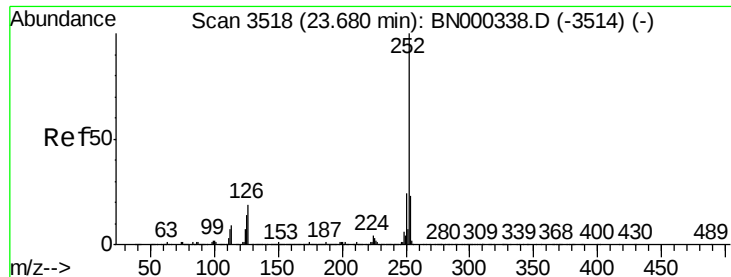


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 5.735 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000341.D

Acq: 13 Mar 2018 10:38

Instrument :

BNA_N

ClientSampleId :

DAMC7

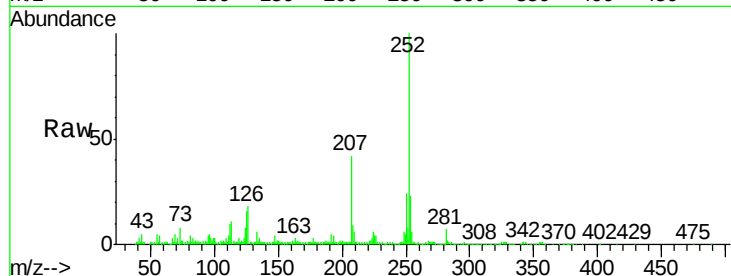
Tot Ion:252 Resp: 365644

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

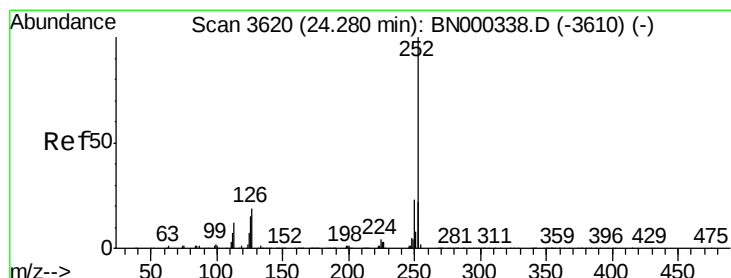
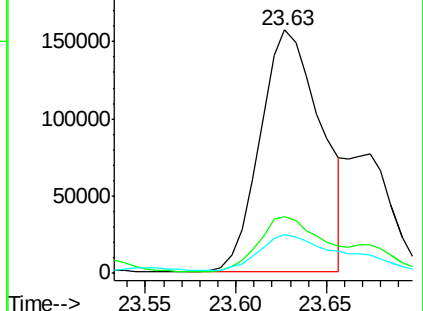
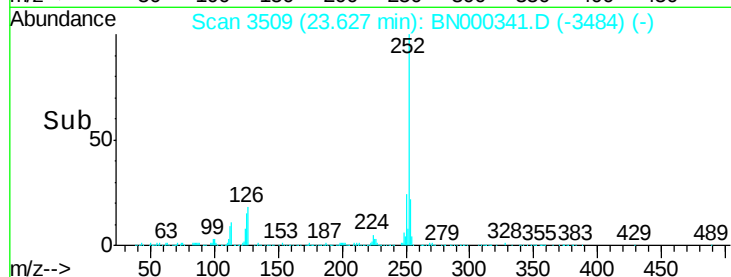
125 15.8 8.1 12.1#



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



#26

Benzo(a)pyrene

Concen: 3.858 ng/ul

RT: 24.27 min Scan# 3619

Delta R.T. -0.01 min

Lab File: BN000341.D

Acq: 13 Mar 2018 10:38

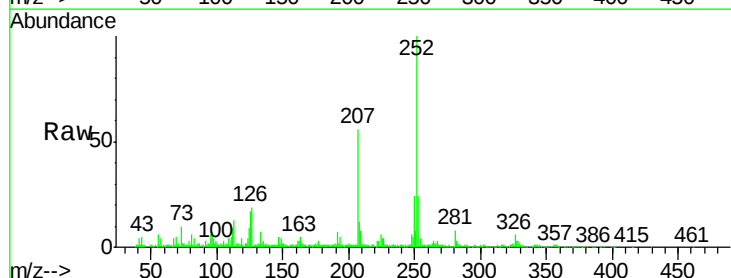
Tgt Ion:252 Resp: 250055

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

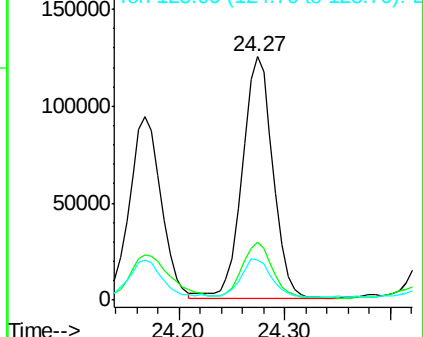
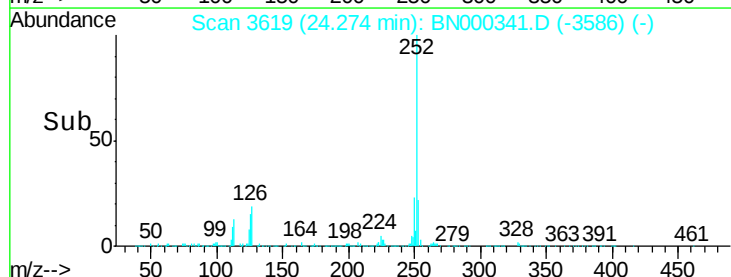
125 16.7 8.2 12.4#

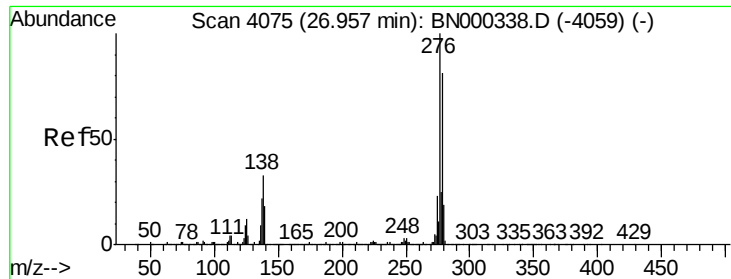


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



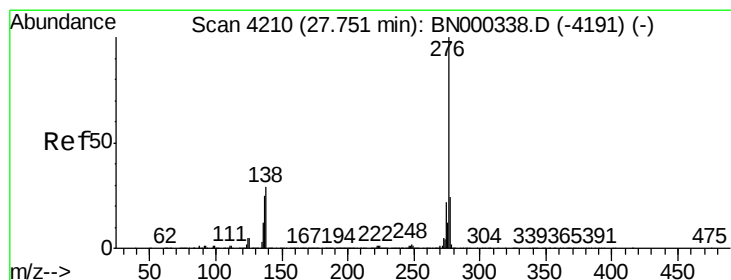
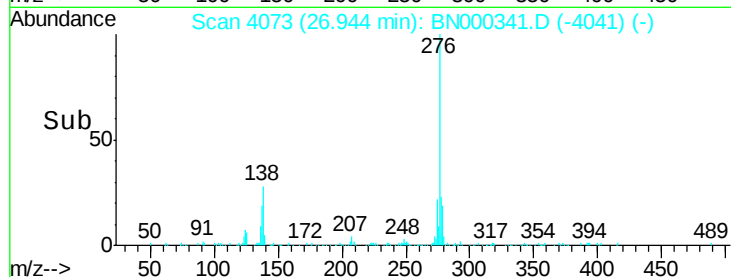
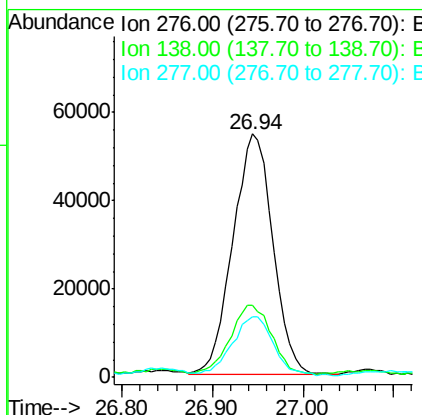
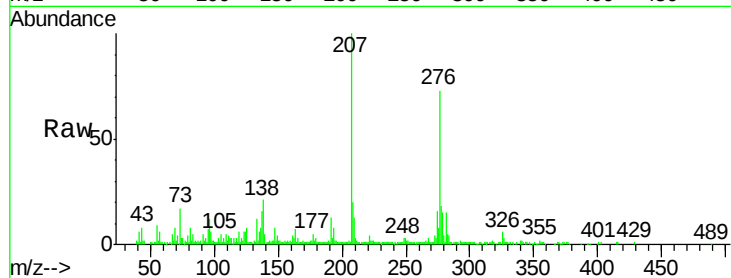


#27

Indeno(1,2,3-cd)pyrene
Concen: 2.363 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	14.4	21.6#
277	24.7	18.0	27.0



#29

Benzo(g,h,i)perylene
Concen: 3.046 ng/ul
RT: 27.73 min Scan# 4207
Delta R.T. -0.02 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	15.3	22.9#
277	26.2	19.0	28.4

