

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

Manual Integrations
 APPROVED

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Quant Time: Mar 14 06:53:39 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	308803m	3.674	ng/ul	
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	23.67	252	131129m	2.057	ng/ul	
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

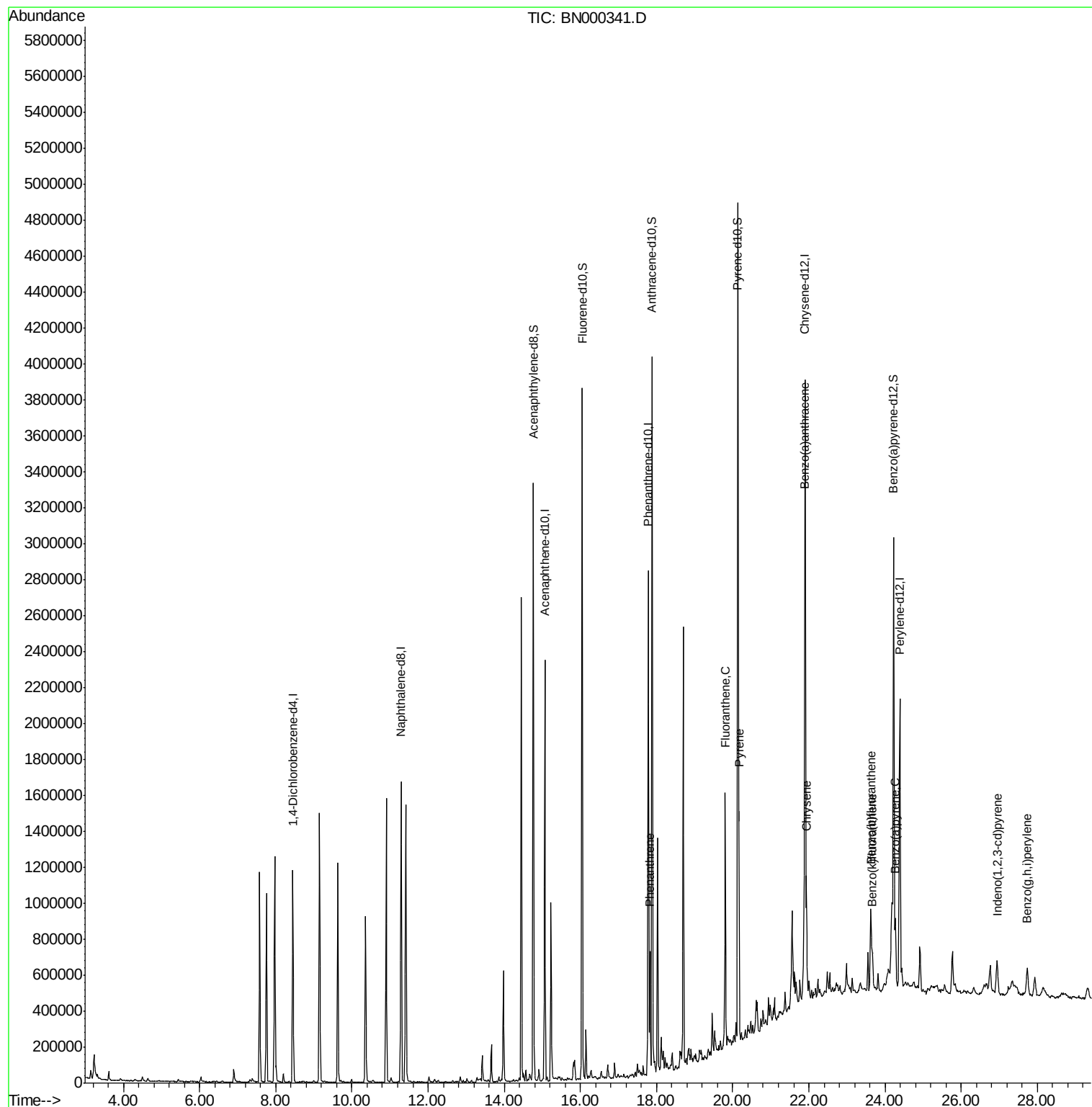
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
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Sample : J1845-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

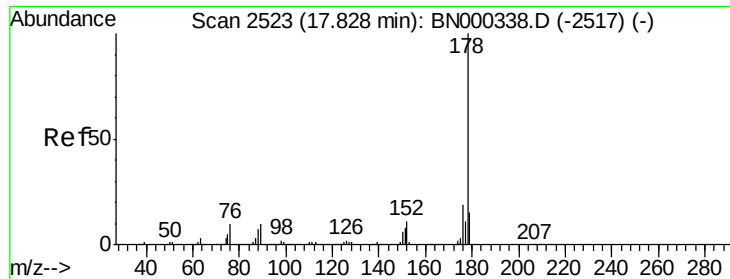
Instrument :
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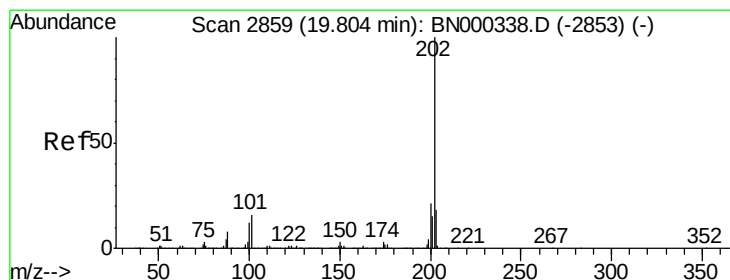
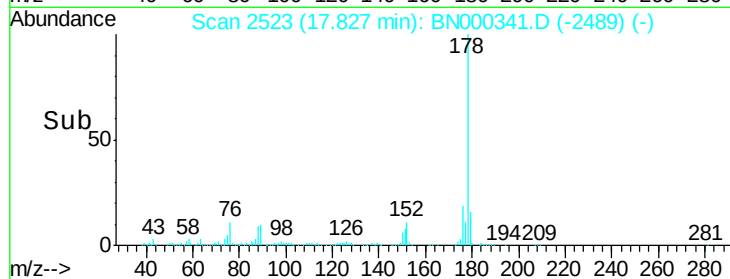
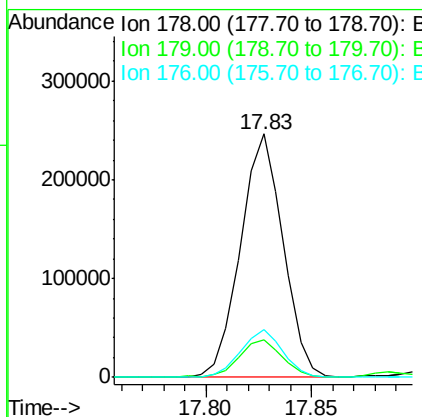
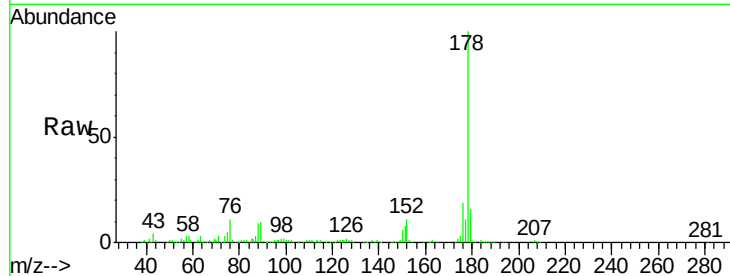
#13
Phenanthrene
Concen: 3.947 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Instrument :
BNA_N
ClientSampleId :
DAMC7

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

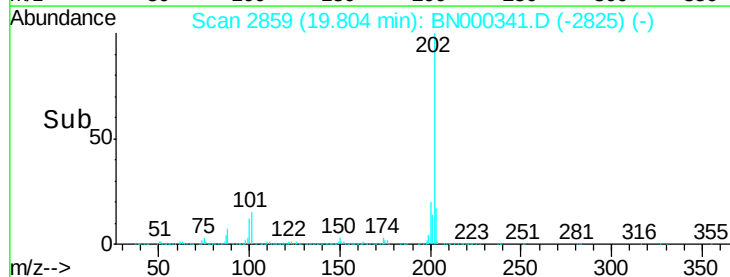
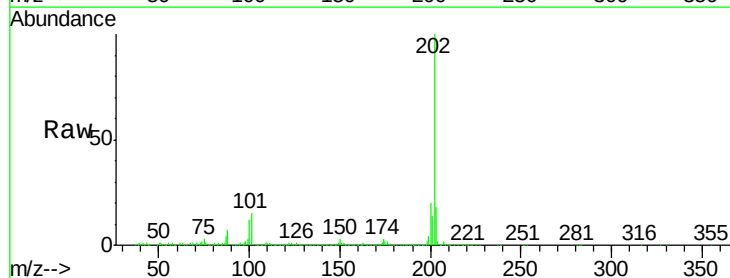
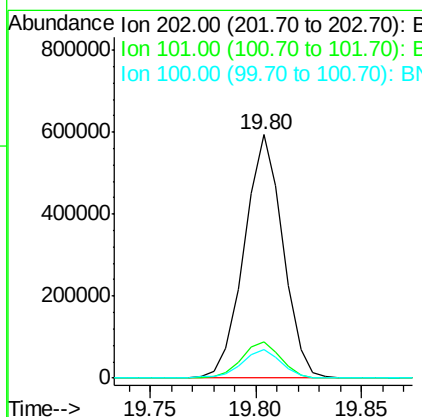
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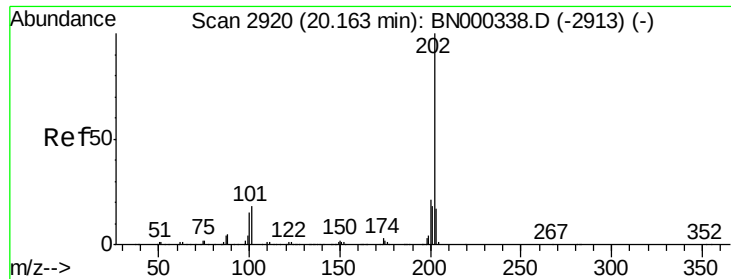
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#16
Fluoranthene
Concen: 7.996 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

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





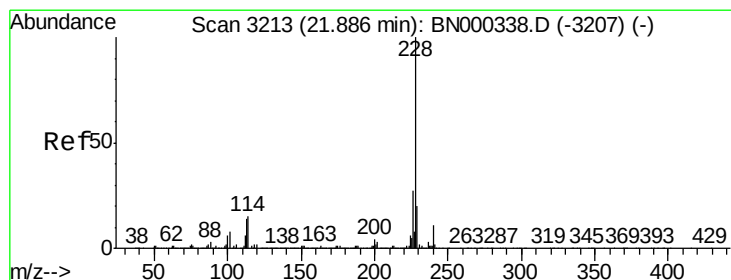
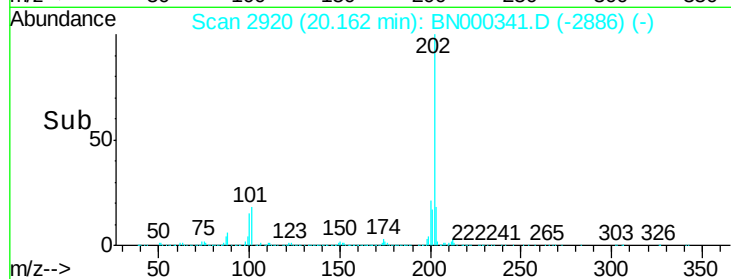
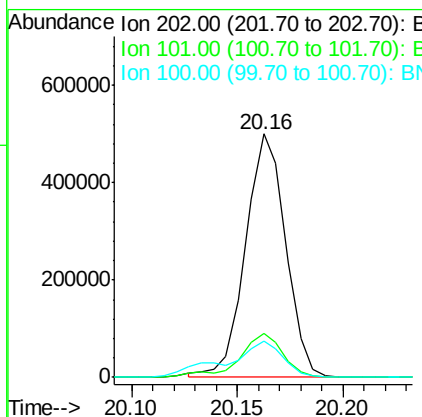
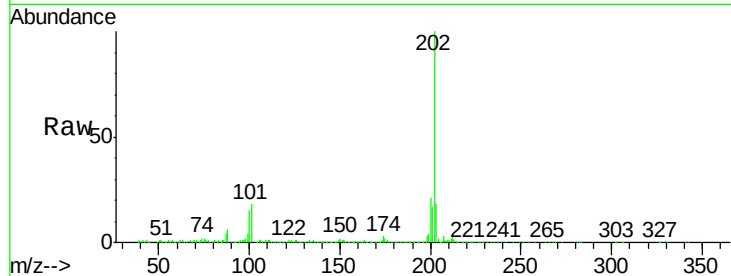
#19
Pvrene
Concen: 7.715 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Instrument :
BNA_N
ClientSampleId :
DAMC7

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

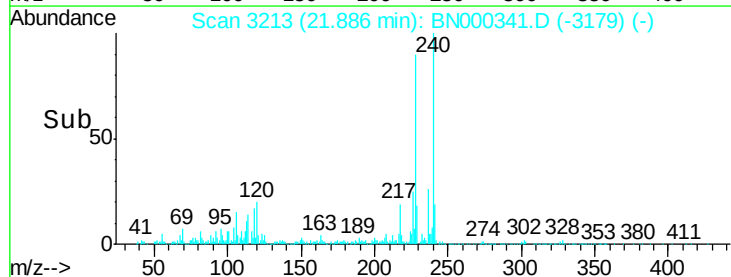
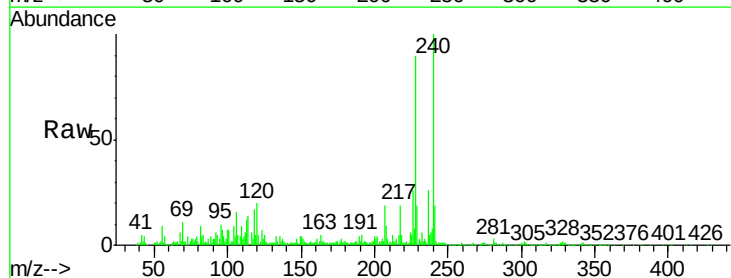
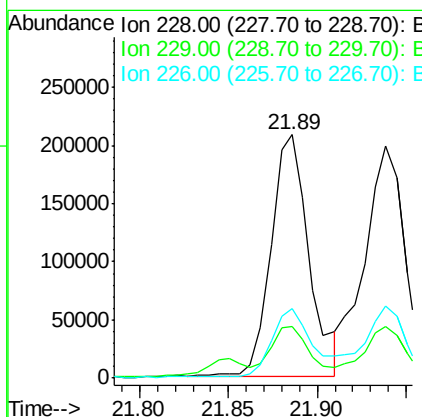
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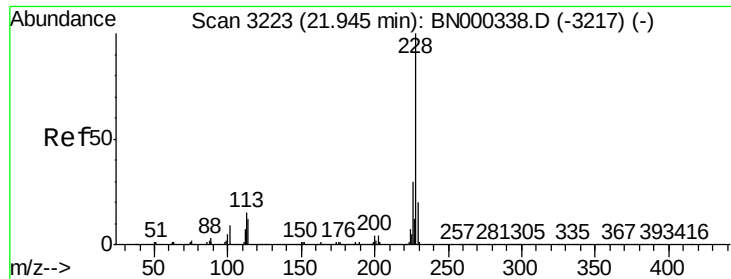
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#20
Benzo(a)anthracene
Concen: 3.674 ng/ul m
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.2	15.7	23.5
226	28.3	21.1	31.7





#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

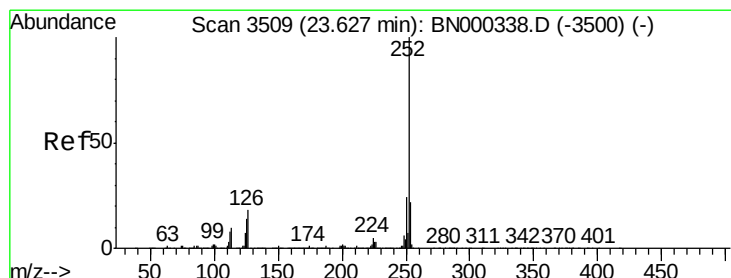
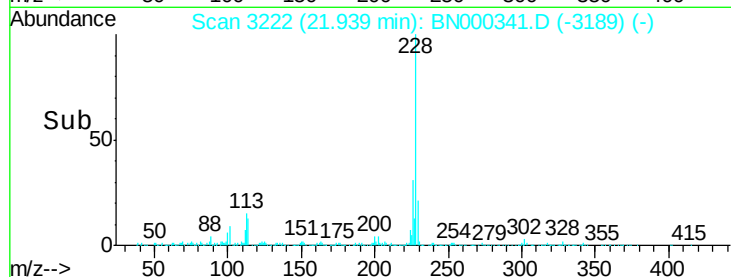
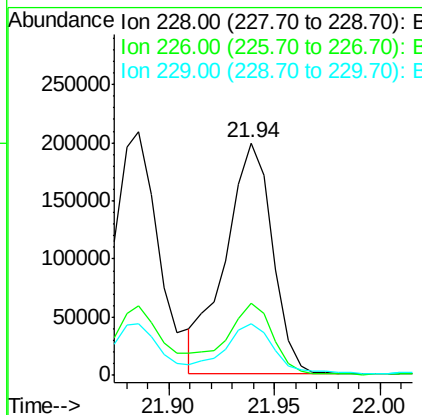
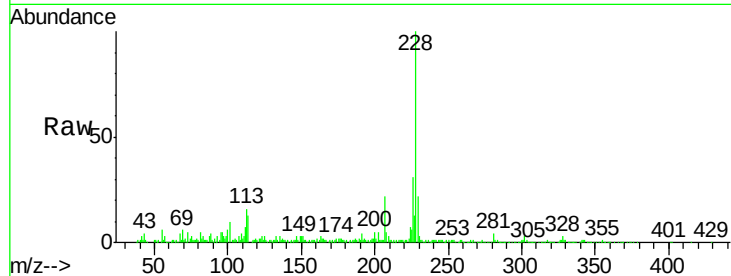
ClientSampled :

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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

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#23

Benzo(b)fluoranthene

Concen: 5.751 ng/ul

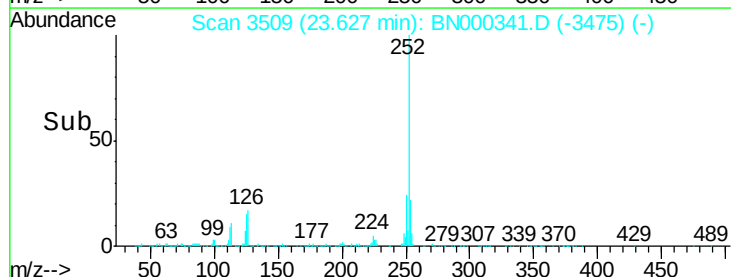
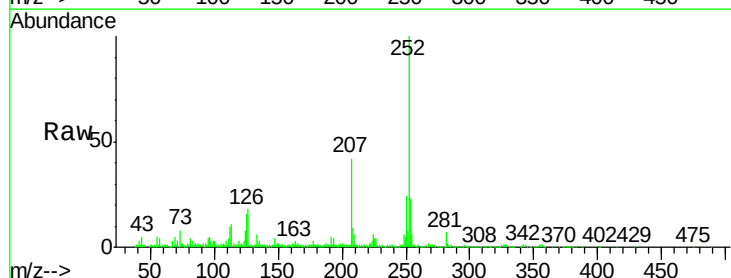
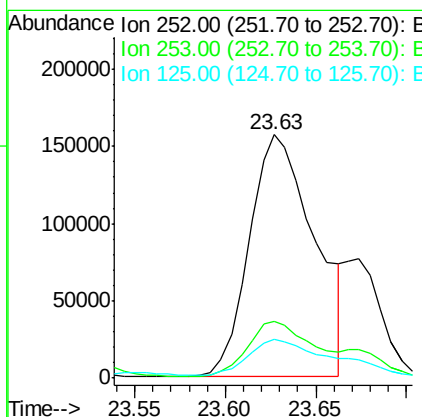
RT: 23.63 min Scan# 3509

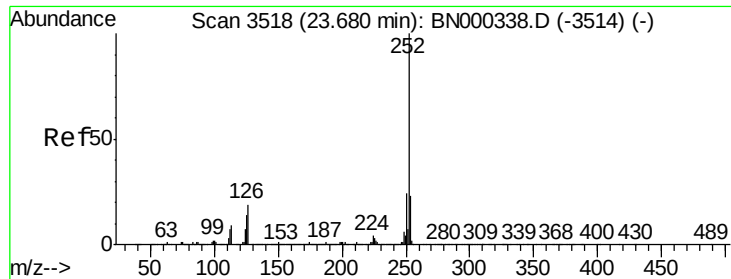
Delta R.T. -0.00 min

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#





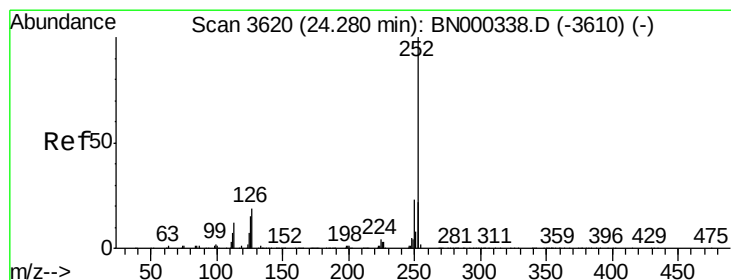
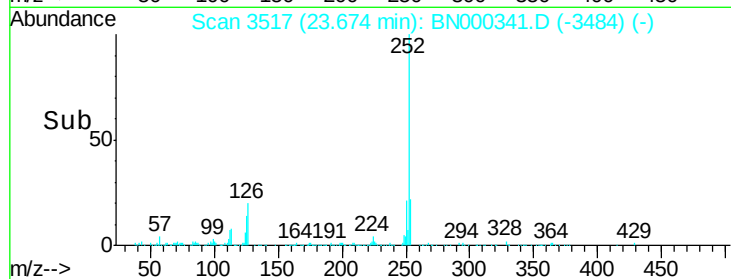
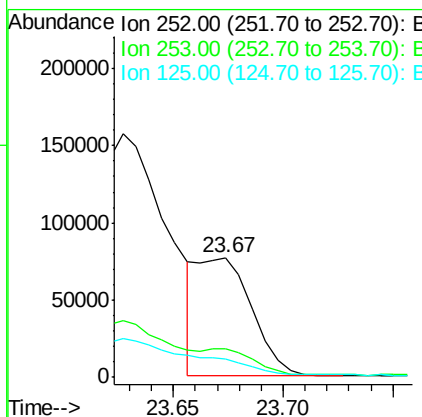
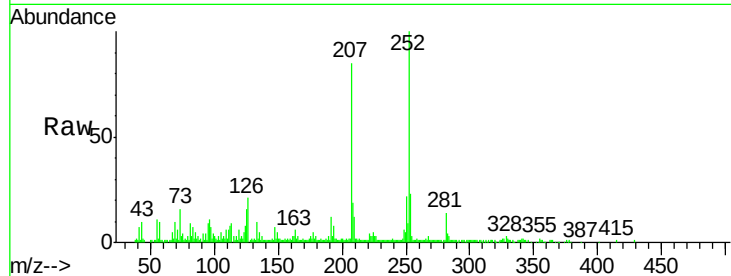
#24
Benzo(k)fluoranthene
Concen: 2.057 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Instrument :
BNA_N
ClientSampleId :
DAMC7

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	15.8	8.1	12.1#

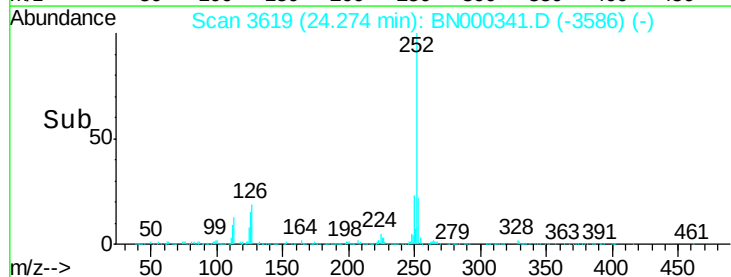
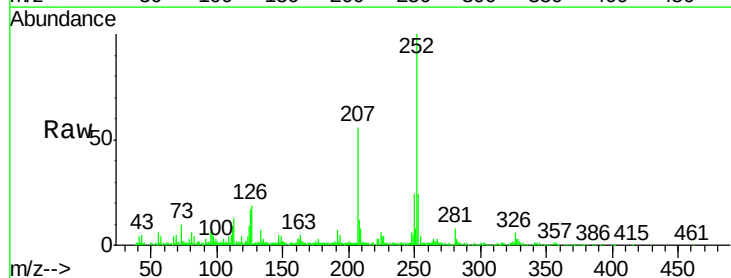
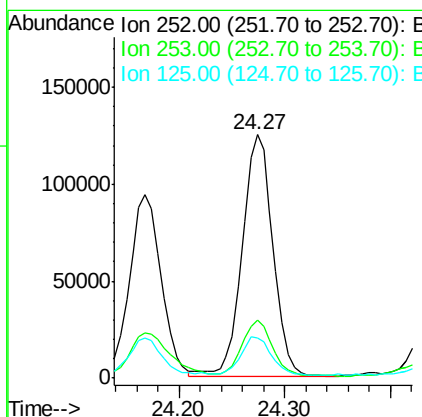
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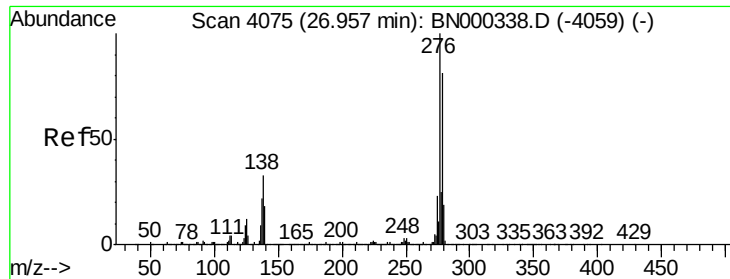
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#26
Benzo(a)pyrene
Concen: 3.858 ng/ul
RT: 24.27 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BN000341.D
Acq: 13 Mar 2018 10:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	16.7	8.2	12.4#





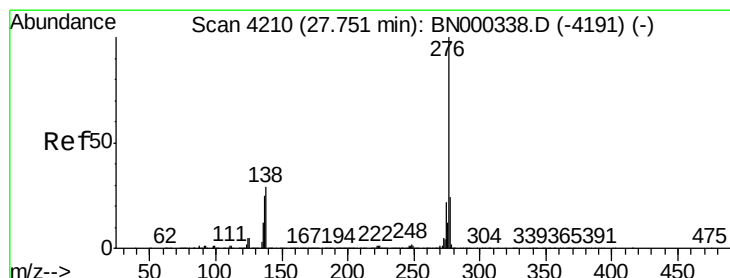
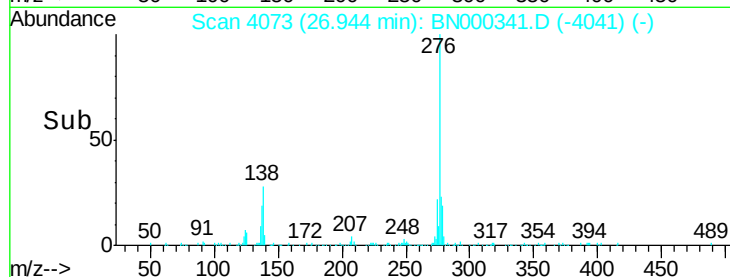
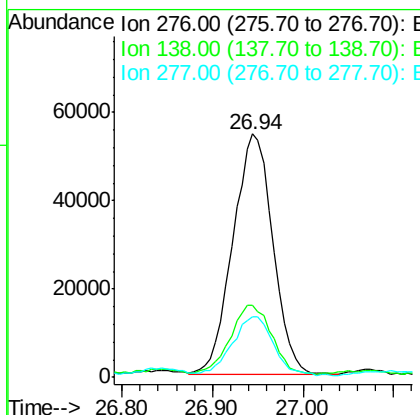
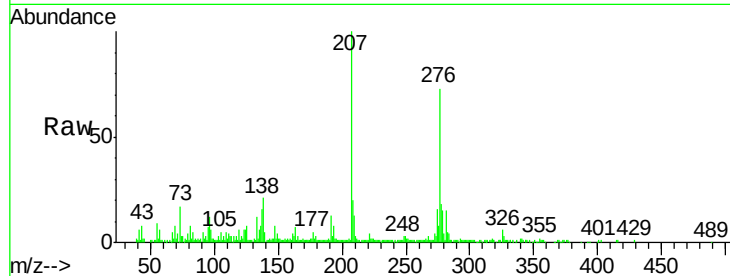
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.363 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000341.D
 Acq: 13 Mar 2018 10:38

Instrument :
 BNA_N
 ClientSampled :
 DAMC7

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

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#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

