

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
 Data File : BN000402.D
 Acq On : 15 Mar 2018 07:18
 Operator : JU/SJ
 Sample : J1845-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM93

Manual Integrations
 APPROVED

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Quant Time: Mar 15 08:18:34 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:55:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	224424	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1077043	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	613047	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1371230	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1213685	20.00	ng/ul	0.00
22) Perylene-d12	24.40	264	1101984	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1931736	31.75	ng/ul	0.00
10) Fluorene-d10	16.05	176	1268864	30.80	ng/ul	0.00
14) Anthracene-d10	17.89	188	1958523	30.57	ng/ul	0.00
18) Pyrene-d10	20.14	212	2081176	35.05	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	1564706	31.09	ng/ul	0.00
Target Compounds				Qvalue		
13) Phenanthrene	17.83	178	322517	4.101	ng/ul	99
16) Fluoranthene	19.80	202	661253	7.783	ng/ul#	92
19) Pyrene	20.17	202	555001	7.243	ng/ul#	91
20) Benzo(a)anthracene	21.89	228	268265	3.555	ng/ul	97
21) Chrysene	21.95	228	281889	3.937	ng/ul	98
23) Benzo(b)fluoranthene	23.63	252	370848m	5.644	ng/ul	
24) Benzo(k)fluoranthene	23.68	252	119976m	1.951	ng/ul	
26) Benzo(a)pyrene	24.29	252	239682	3.832	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.97	276	175952	2.609	ng/ul#	81
29) Benzo(g,h,i)perylene	27.76	276	188793	3.353	ng/ul#	85

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

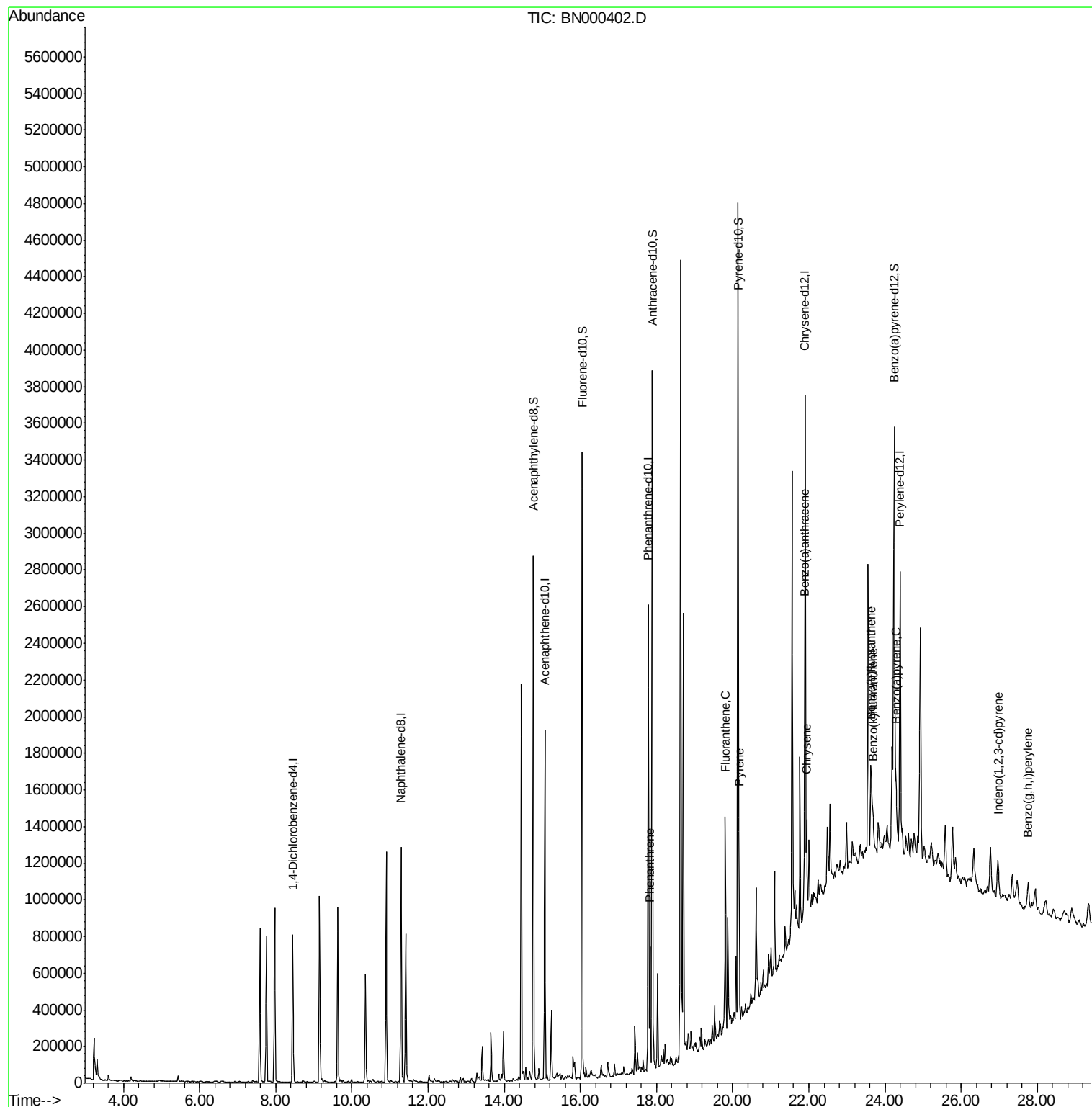
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031418\
Data File : BN000402.D
Acq On : 15 Mar 2018 07:18
Operator : JU/SJ
Sample : J1845-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

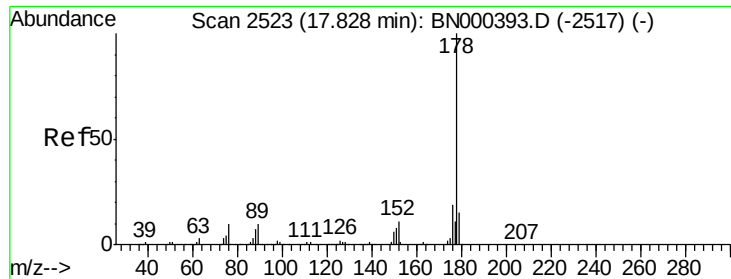
Instrument :
BNA_N
ClientSampled :
DAM93

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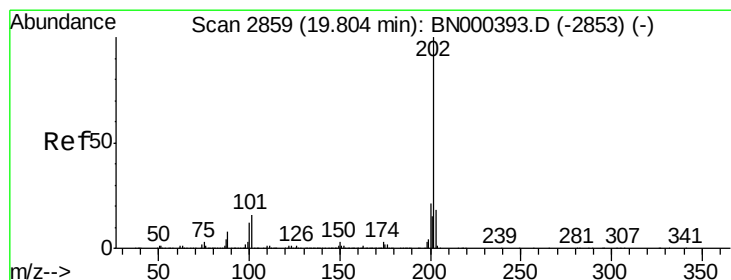
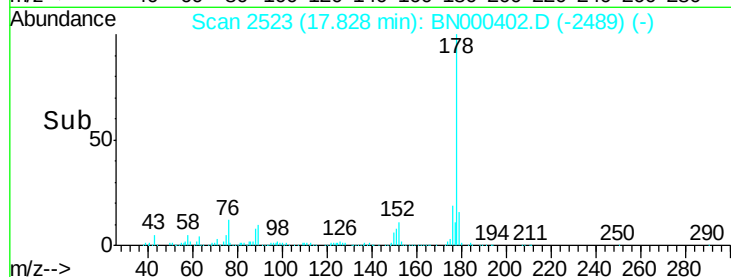
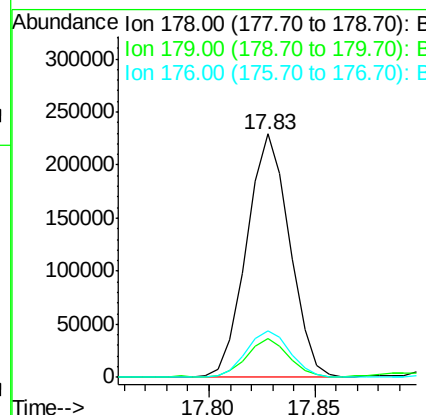
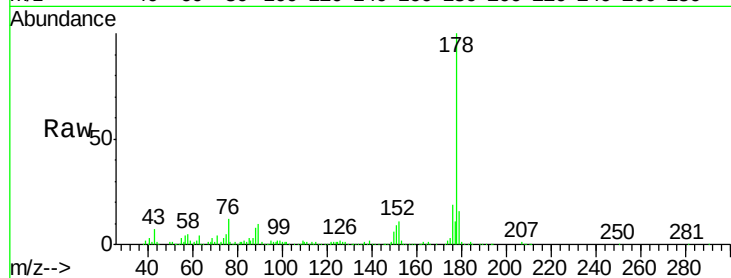
#13
Phenanthrene
Concen: 4.101 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

Instrument :
BNA_N
ClientSampleId :
DAM93

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.0	15.1	22.7

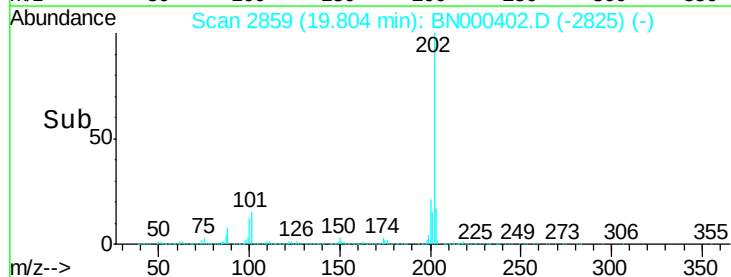
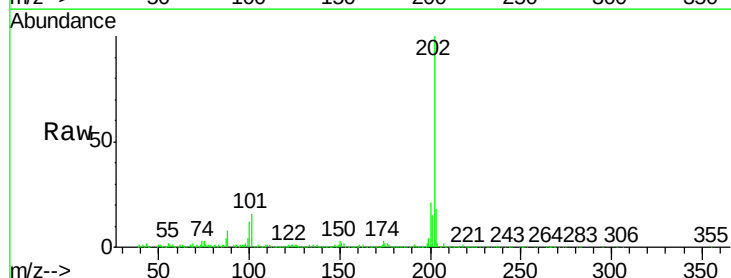
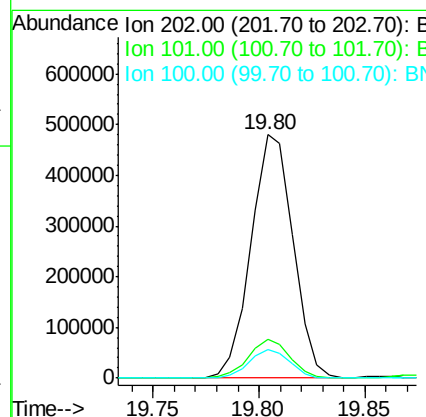
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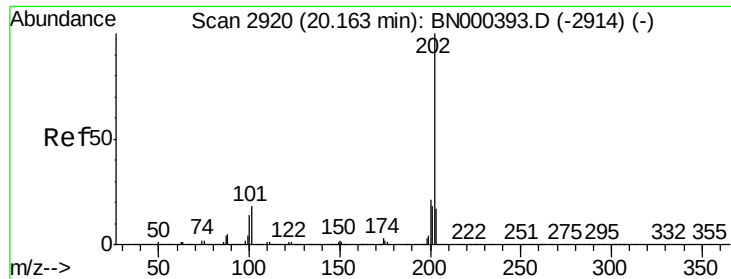
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#16
Fluoranthene
Concen: 7.783 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000402.D
Acq: 15 Mar 2018 07:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	11.7	7.4	11.0#





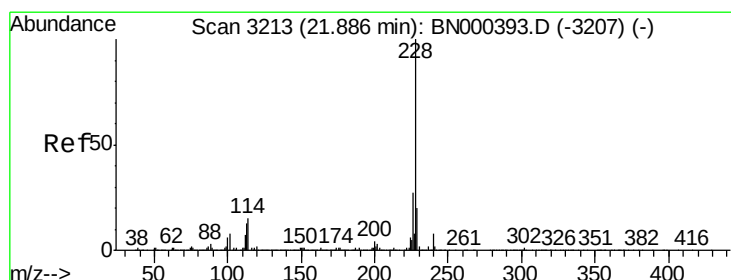
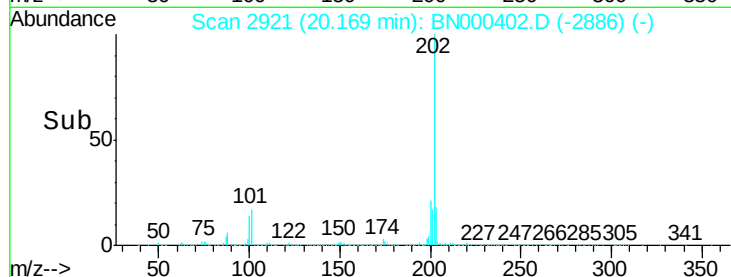
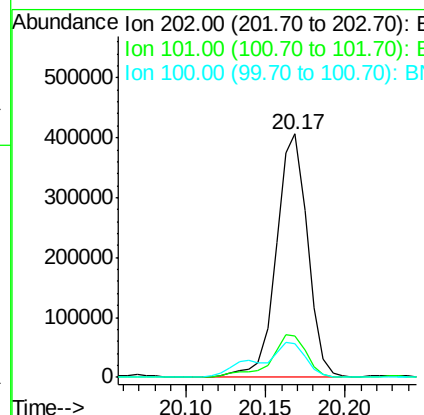
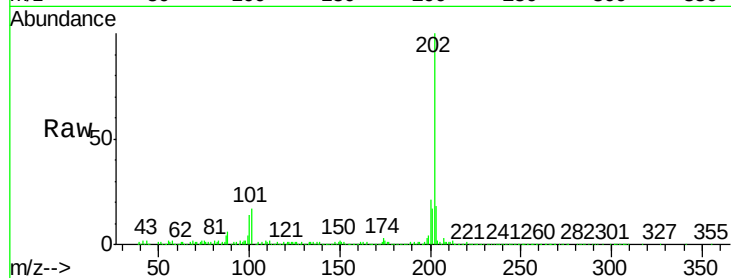
#19
 Pyrene
 Concen: 7.243 ng/ul
 RT: 20.17 min Scan# 2921
 Delta R.T. 0.01 min
 Lab File: BN000402.D
 Acq: 15 Mar 2018 07:18

Instrument :
 BNA_N
 ClientSampled :
 DAM93

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.1	11.0	16.4#
100	14.1	8.1	12.1#

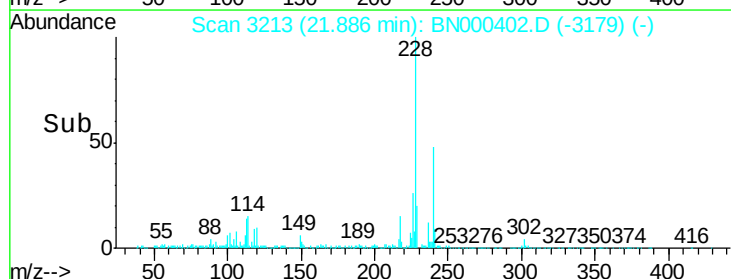
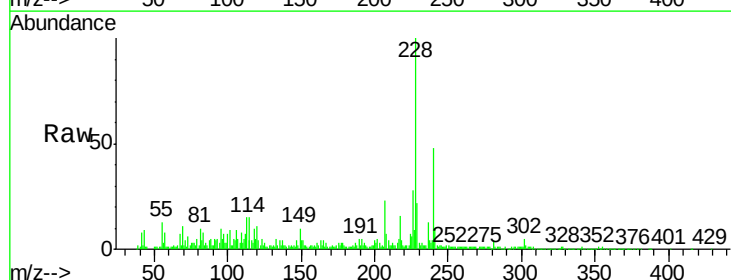
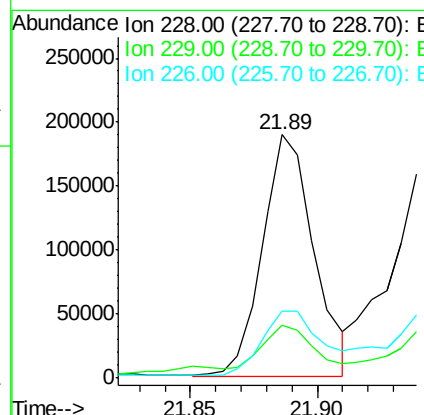
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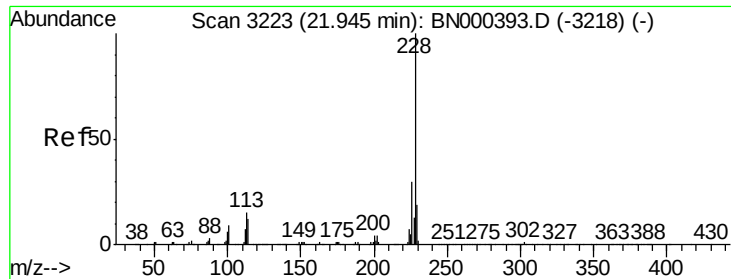
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#20
 Benzo(a)anthracene
 Concen: 3.555 ng/ul
 RT: 21.89 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BN000402.D
 Acq: 15 Mar 2018 07:18

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.7	23.5
226	27.6	21.1	31.7





#21

Chrysene

Concen: 3.937 ng/ul

RT: 21.95 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BN000402.D

Acq: 15 Mar 2018 07:18

Instrument :

BNA_N

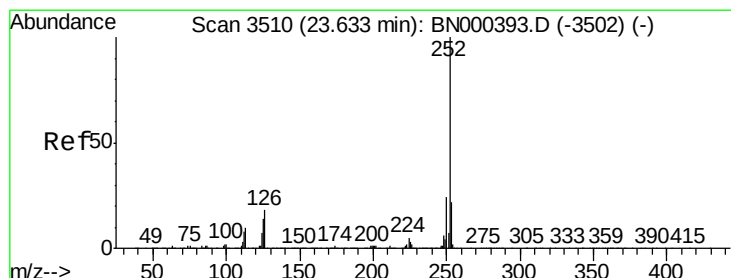
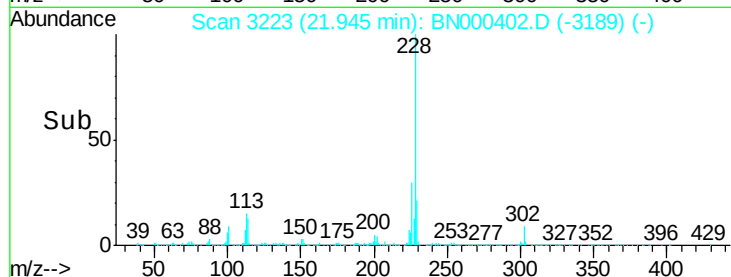
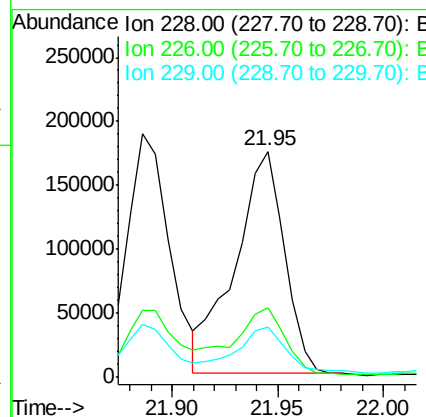
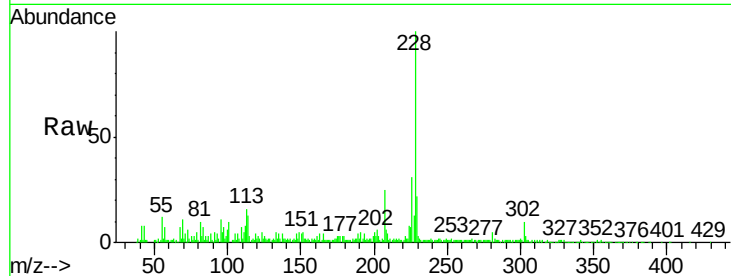
ClientSampled :

DAM93

Tgt Ion:	228	Resp:	281889
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.5	36.7
229	22.0	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 5.644 ng/ul m

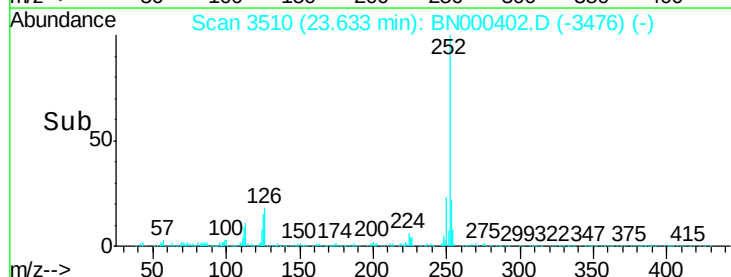
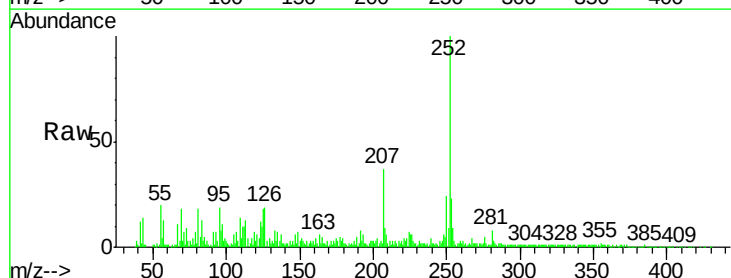
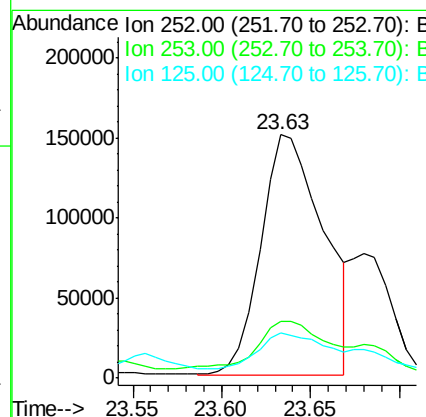
RT: 23.63 min Scan# 3510

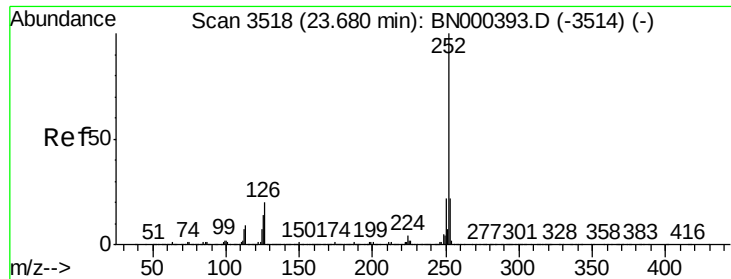
Delta R.T. -0.00 min

Lab File: BN000402.D

Acq: 15 Mar 2018 07:18

Tgt Ion:	252	Resp:	370848
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.0	27.0
125	18.4	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.951 ng/ul m

RT: 23.68 min Scan# 3518

Delta R.T. -0.00 min

Lab File: BN000402.D

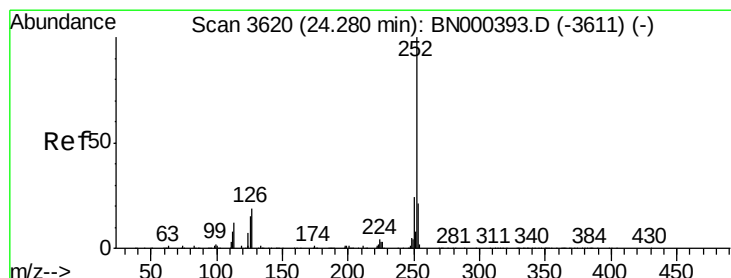
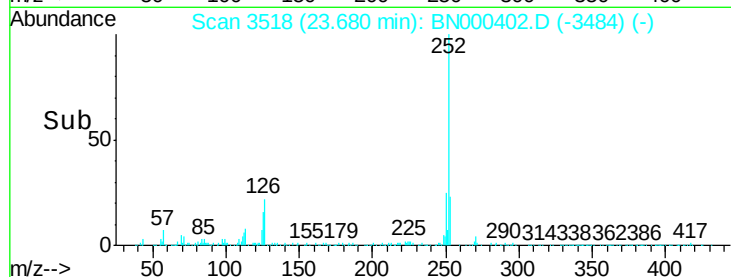
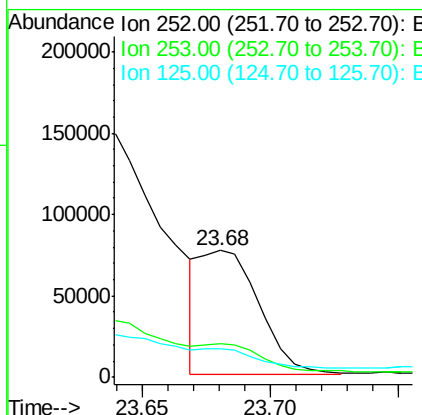
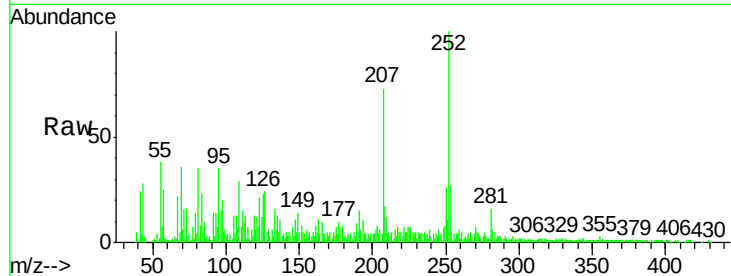
Acq: 15 Mar 2018 07:18

Instrument :
BNA_N
ClientSampleId :
DAM93

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	119976		
253	26.8	18.0	27.0	
125	22.5	8.1	12.1#	

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#26

Benzo(a)pyrene

Concen: 3.832 ng/ul

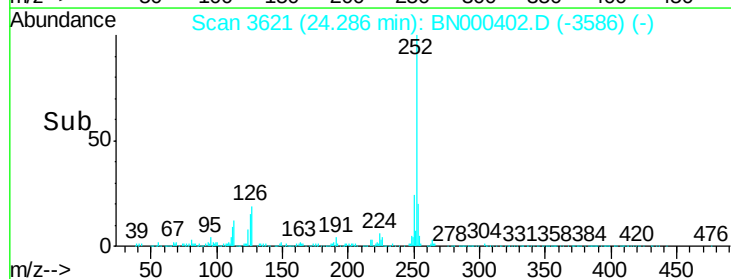
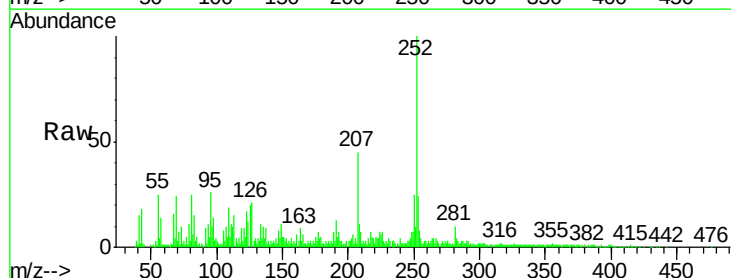
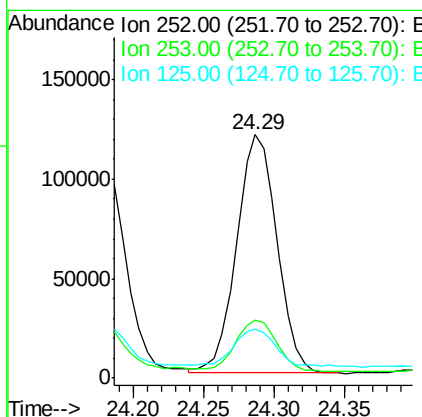
RT: 24.29 min Scan# 3621

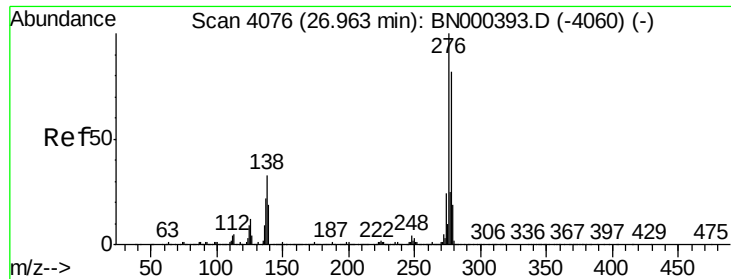
Delta R.T. 0.01 min

Lab File: BN000402.D

Acq: 15 Mar 2018 07:18

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	239682		
253	23.8	17.2	25.8	
125	20.0	8.2	12.4#	





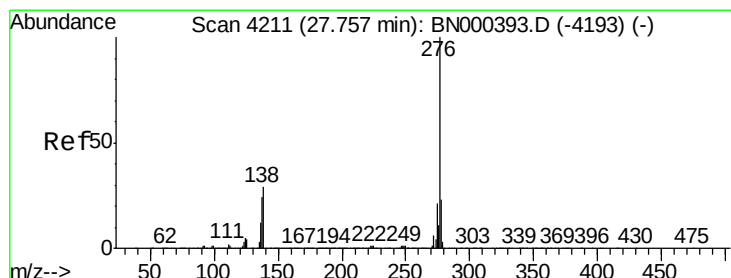
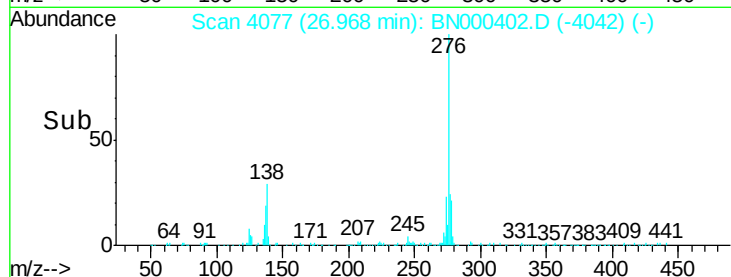
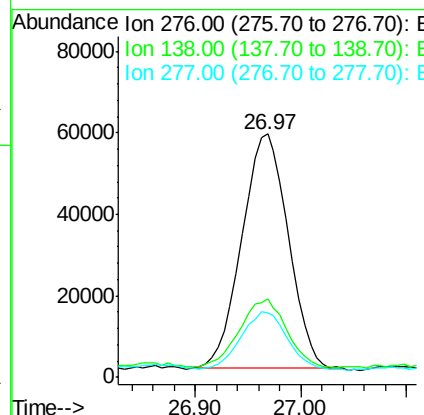
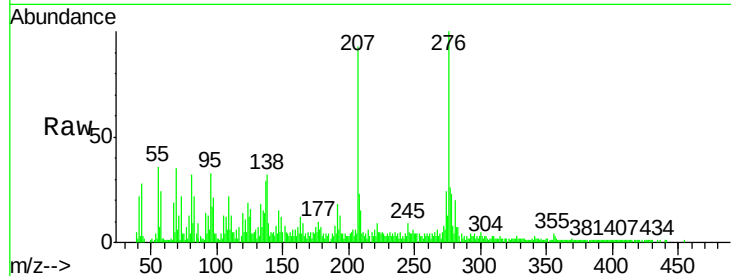
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.609 ng/ul
 RT: 26.97 min Scan# 4077
 Delta R.T. 0.01 min
 Lab File: BN000402.D
 Acq: 15 Mar 2018 07:18

Instrument :
 BNA_N
 ClientSampleId :
 DAM93

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.1	14.4	21.6#
277	26.4	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 3.353 ng/ul
 RT: 27.76 min Scan# 4212
 Delta R.T. 0.01 min
 Lab File: BN000402.D
 Acq: 15 Mar 2018 07:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.0	15.3	22.9#
277	25.7	19.0	28.4

