

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS24MSD

Manual Integrations
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Quant Time: Apr 26 12:29:11 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	137037	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	551372	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	261256	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	515031	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	491514	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	527415	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	831826	33.15	ng/ul	0.00
10) Fluorene-d10	15.26	176	555222	33.15	ng/ul	0.00
14) Anthracene-d10	17.10	188	793891	33.71	ng/ul	0.00
18) Pyrene-d10	19.41	212	846987	33.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	912863	36.64	ng/ul	0.02
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	603769	35.189	ng/ul	96
13) Phenanthrene	17.05	178	95570	3.402	ng/ul	99
15) Anthracene	17.14	178	33137	1.176	ng/ul	97
16) Fluoranthene	19.07	202	201056	7.055	ng/ul	96
19) Pyrene	19.44	202	1239543	39.262	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	113991	3.880	ng/ul	93
21) Chrysene	21.25	228	104614	3.788	ng/ul	96
23) Benzo(b)fluoranthene	22.76	252	139883m	4.667	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	44041m	1.502	ng/ul	
26) Benzo(a)pyrene	23.32	252	90974	3.176	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.59	276	62688	1.812	ng/ul#	85
29) Benzo(g,h,i)perylene	26.26	276	61368	2.121	ng/ul#	89

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

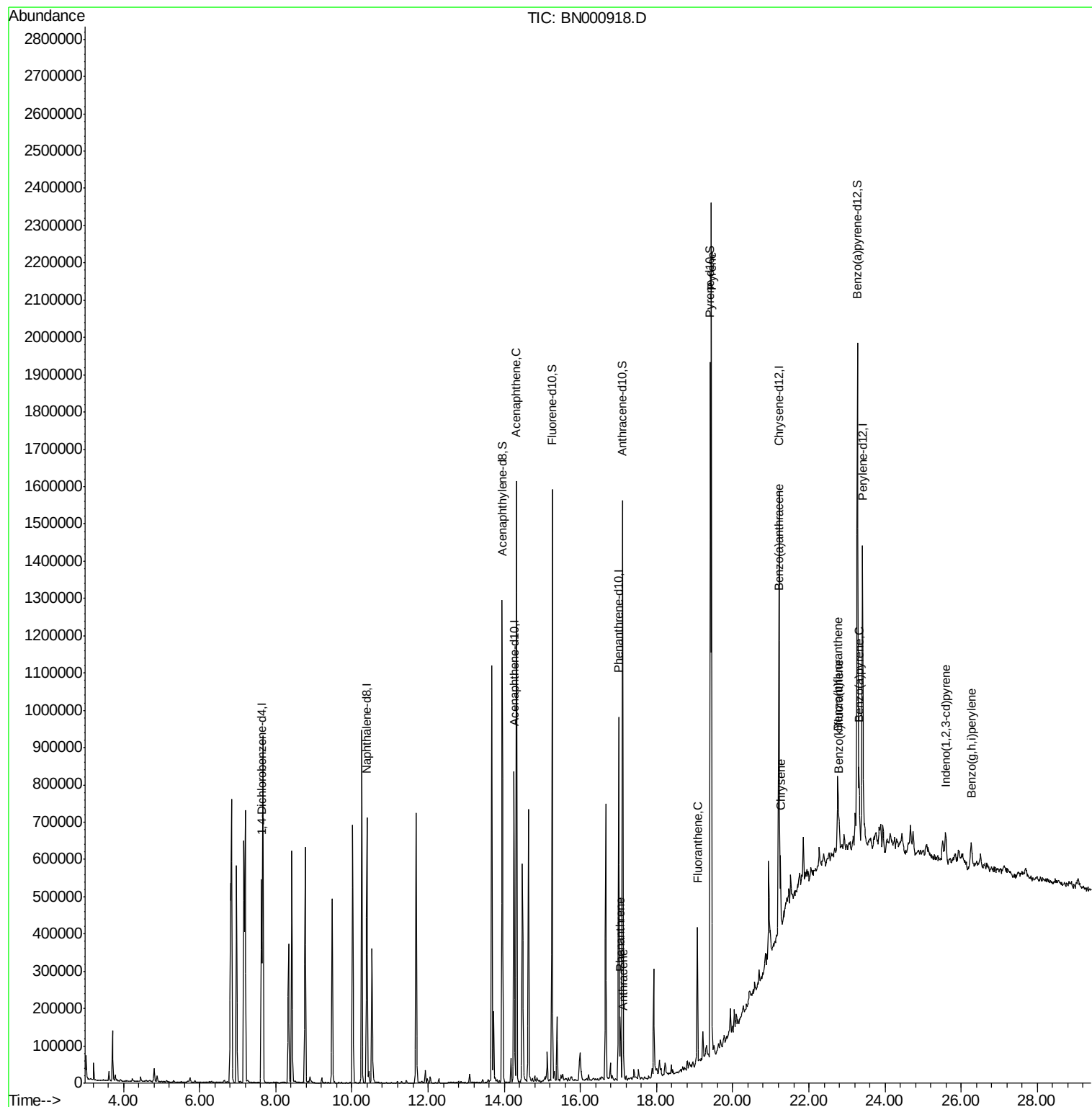
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

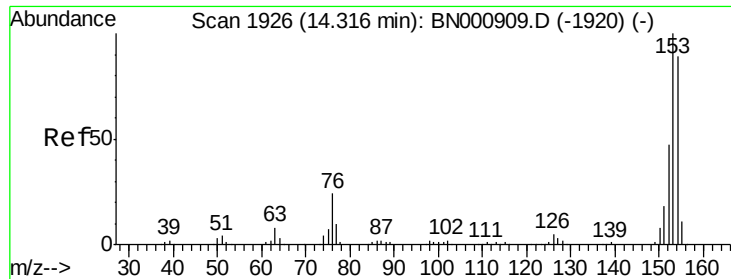
Instrument :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
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#9

Acenaphthene

Concen: 35.189 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BN000918.D

Acq: 26 Apr 2018 06:49

Instrument :

BNA_N

ClientSampleId :

DAS24MSD

Tot Ion:153 Resp: 603769

Ion Ratio Lower Upper

153 100

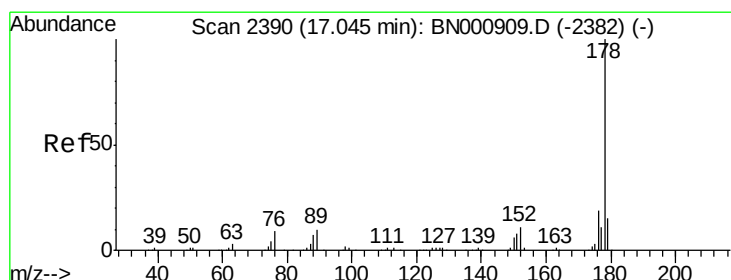
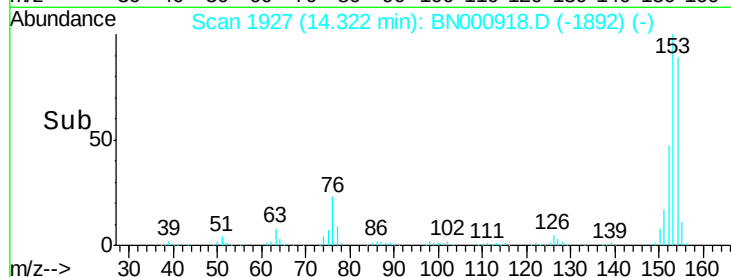
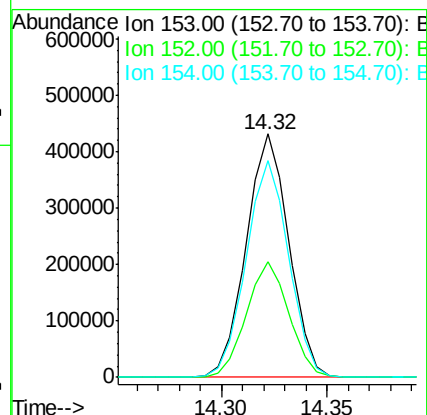
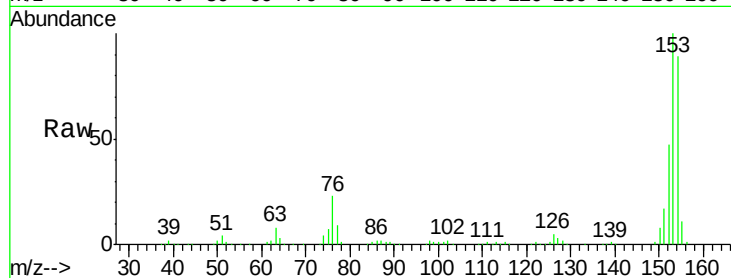
152 47.5 39.0 58.6

154 88.8 66.8 100.2

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#13

Phenanthrene

Concen: 3.402 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BN000918.D

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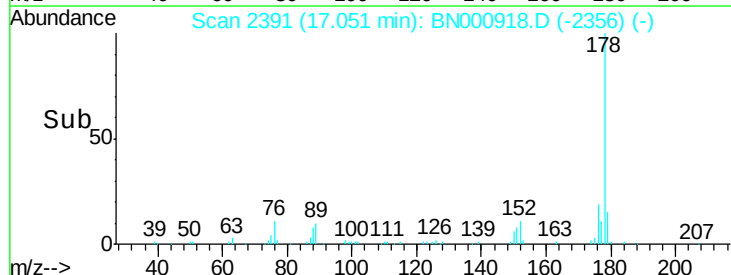
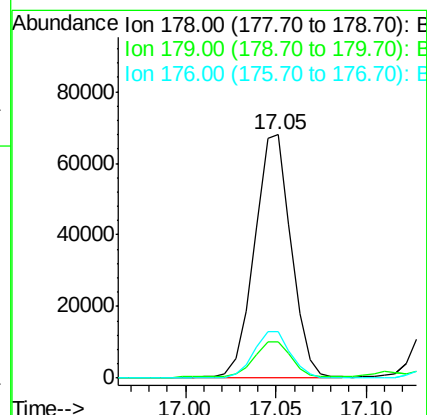
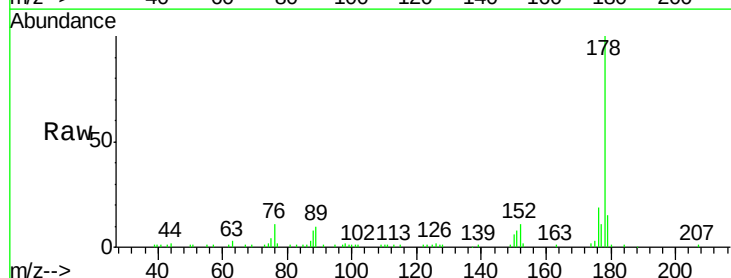
Tgt Ion:178 Resp: 95570

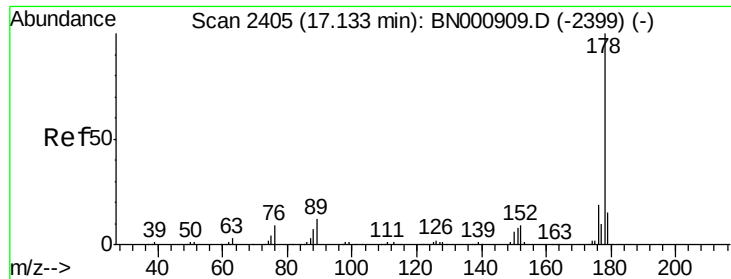
Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 19.3 15.1 22.7





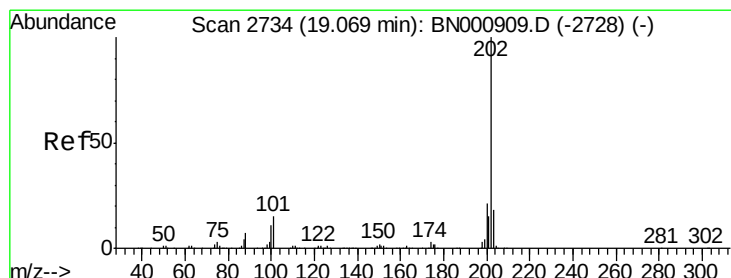
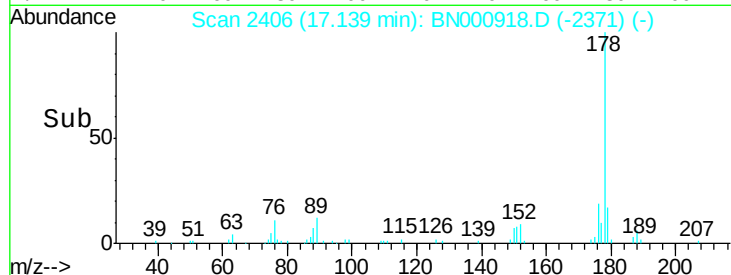
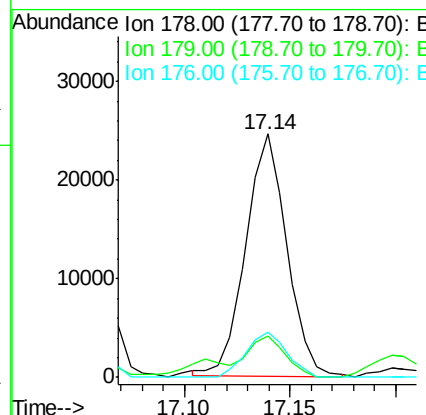
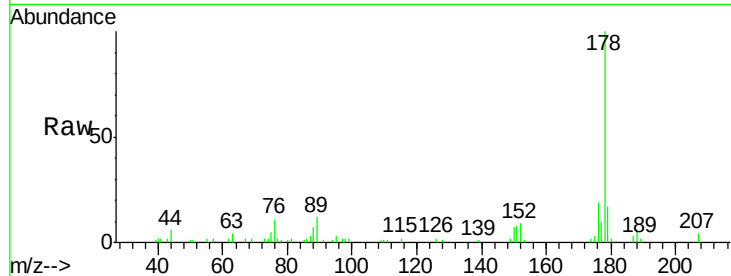
#15
 Anthracene
 Concen: 1.176 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BN000918.D
 Acq: 26 Apr 2018 06:49

Instrument :
 BNA_N
 ClientSampleId :
 DAS24MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.8	17.8
176	18.5	15.2	22.8

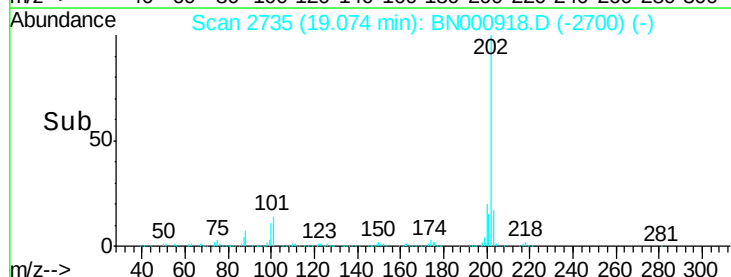
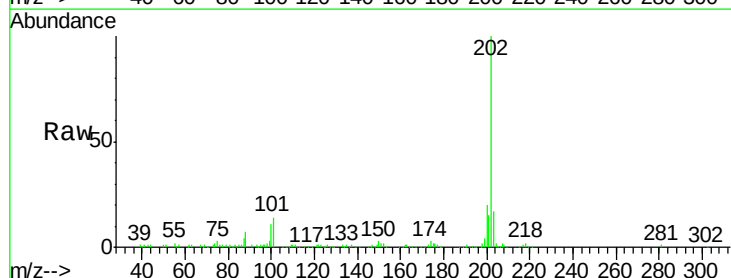
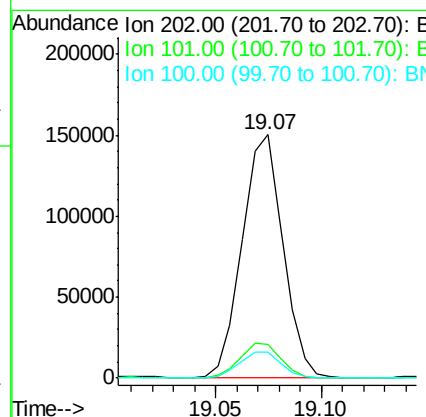
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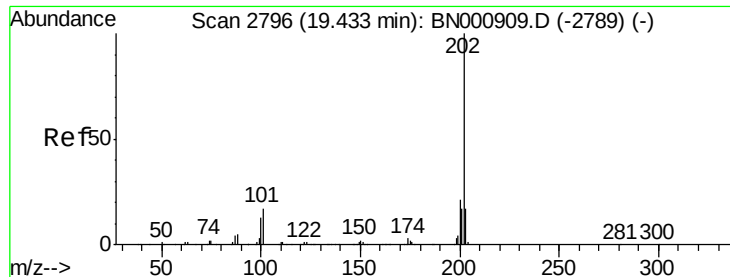
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#16
 Fluoranthene
 Concen: 7.055 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. 0.01 min
 Lab File: BN000918.D
 Acq: 26 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.9	14.9
100	10.9	7.4	11.0





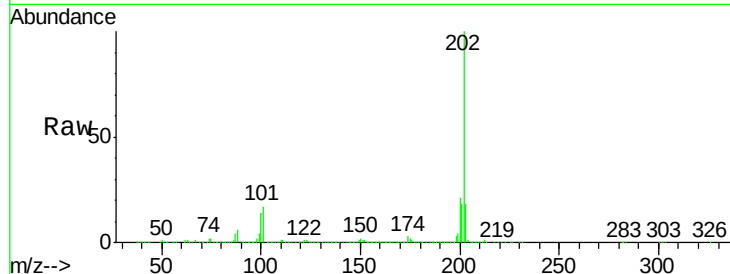
#19
Pvrene
Concen: 39.262 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN000918.D
Acq: 26 Apr 2018 06:49

Instrument :
BNA_N
ClientSampleId :
DAS24MSD

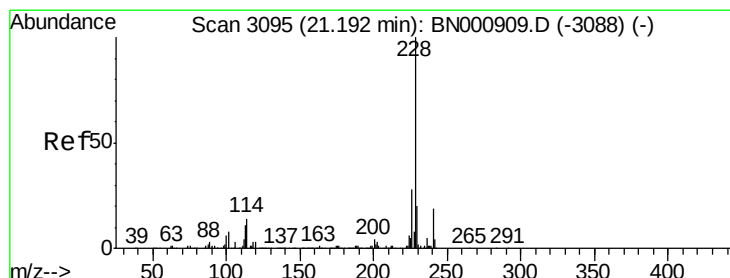
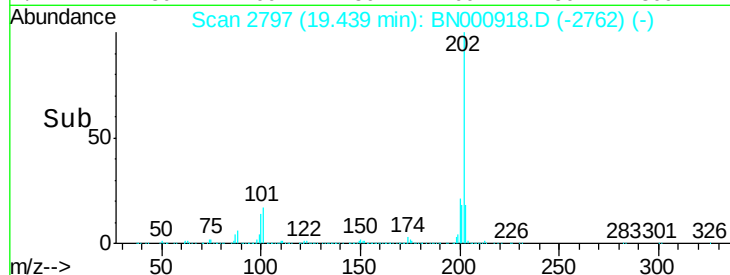
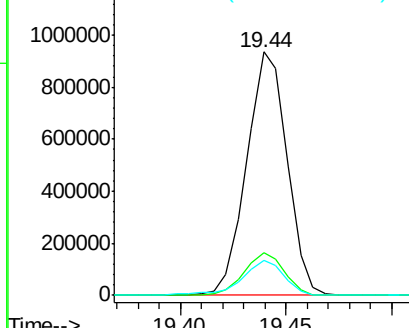
Tot Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	14.4	8.1	12.1#

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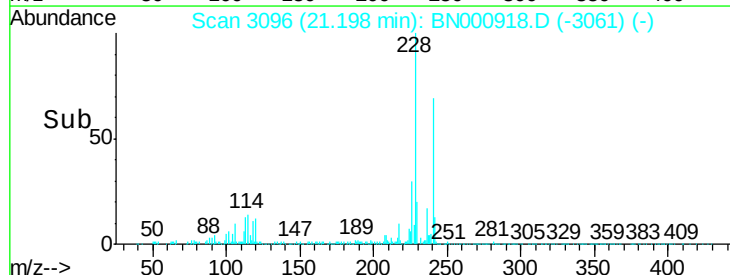
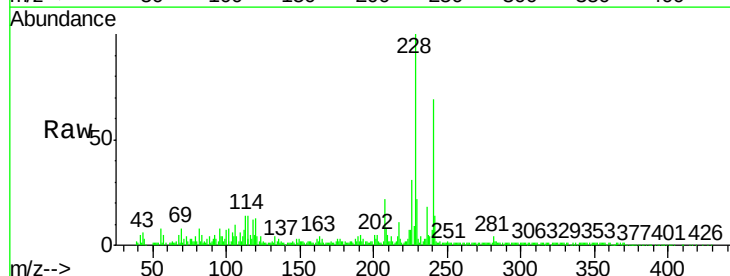
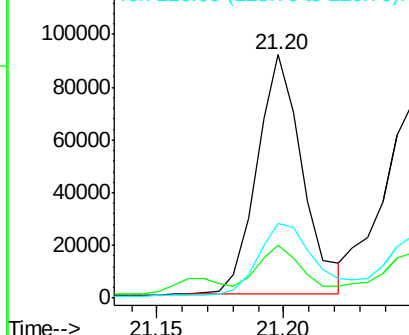
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

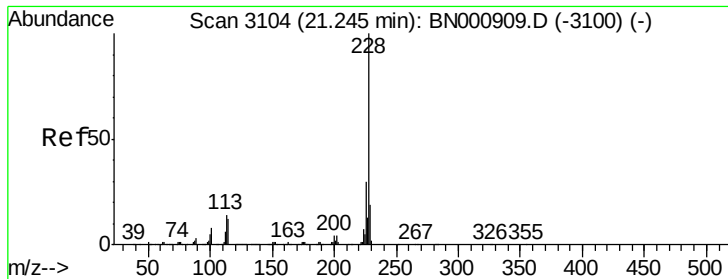


#20
Benzo(a)anthracene
Concen: 3.880 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000918.D
Acq: 26 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	30.7	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





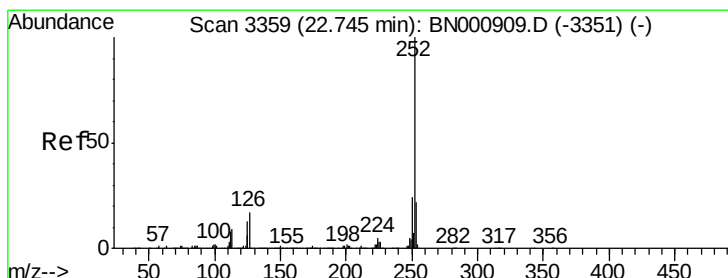
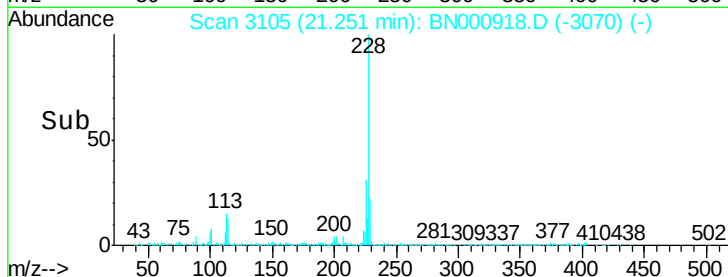
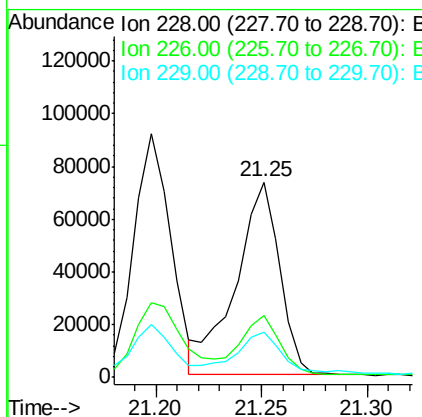
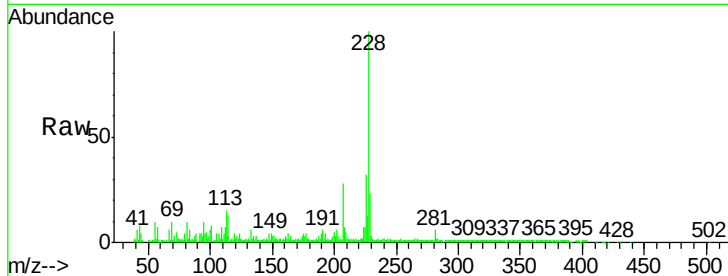
#21
Chrysene
Concen: 3.788 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BN000918.D
Acq: 26 Apr 2018 06:49

Instrument :
BNA_N
ClientSampleId :
DAS24MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	23.1	15.8	23.8

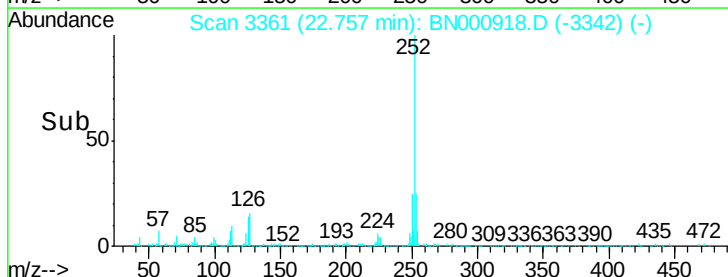
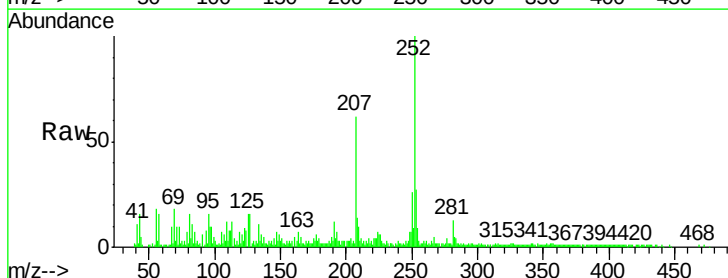
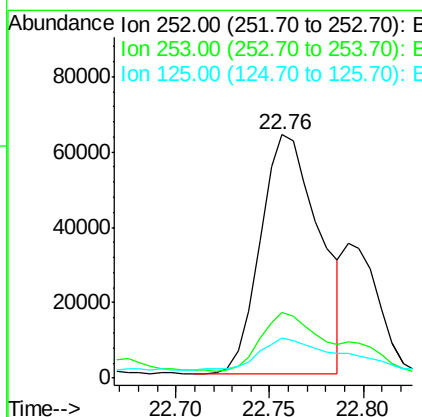
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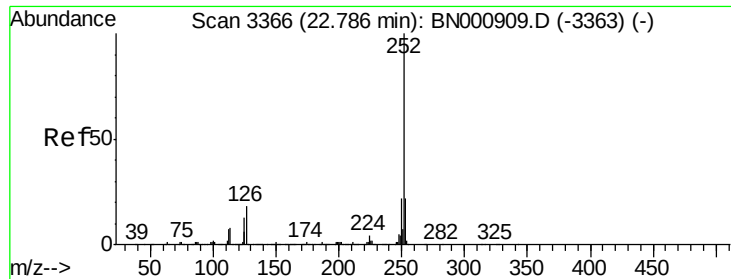
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#23
Benzo(b)fluoranthene
Concen: 4.667 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. 0.01 min
Lab File: BN000918.D
Acq: 26 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0
125	16.4	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 1.502 ng/ul

RT: 22.79 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BN000918.D

Acq: 26 Apr 2018 06:49

Instrument :

BNA_N

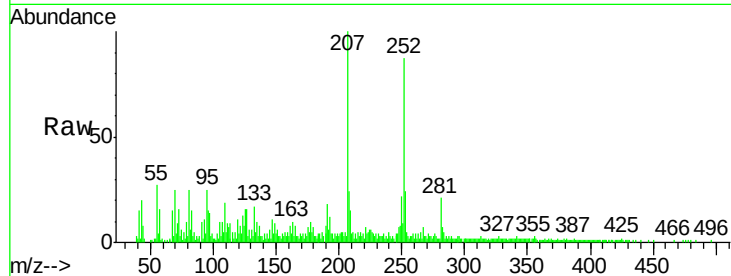
ClientSampled :

DAS24MSD

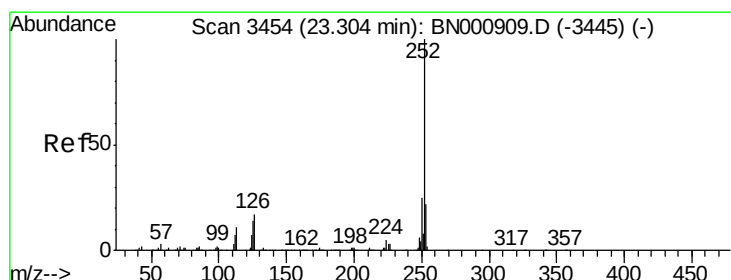
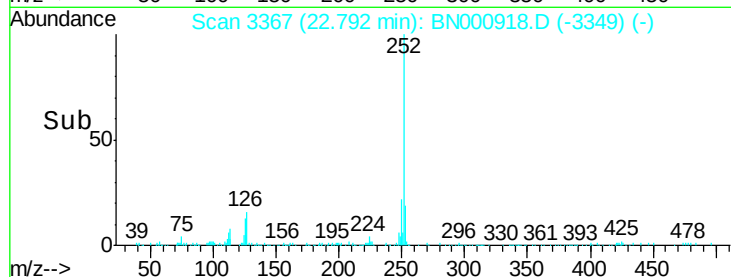
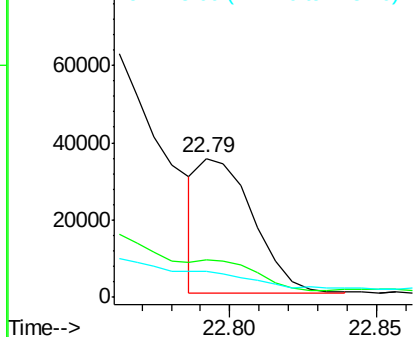
Tot Ion:	252	Resp:	44041
Ion Ratio	Lower	Upper	
252	100		
253	27.3	18.0	27.0#
125	18.4	8.1	12.1#

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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: 3.176 ng/ul

RT: 23.32 min Scan# 3456

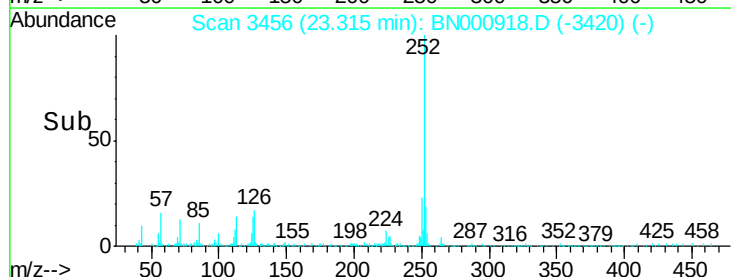
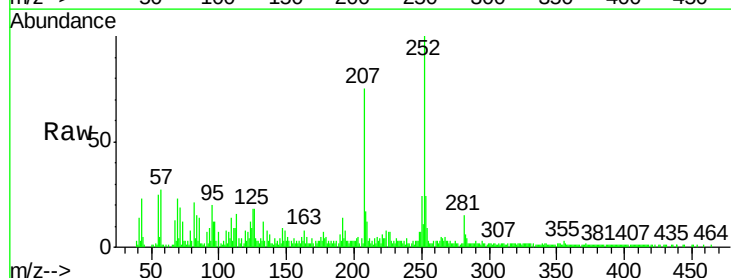
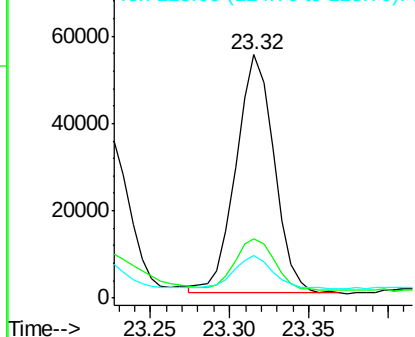
Delta R.T. 0.01 min

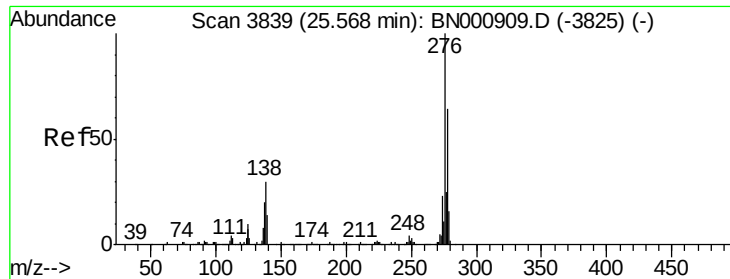
Lab File: BN000918.D

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Tgt Ion:	252	Resp:	90974
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.2	25.8
125	17.5	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





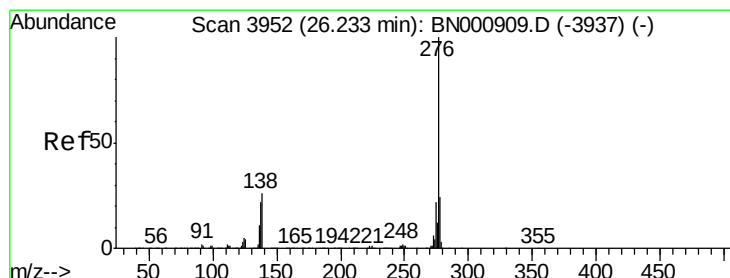
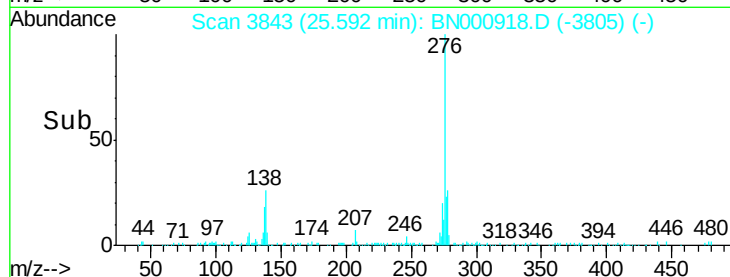
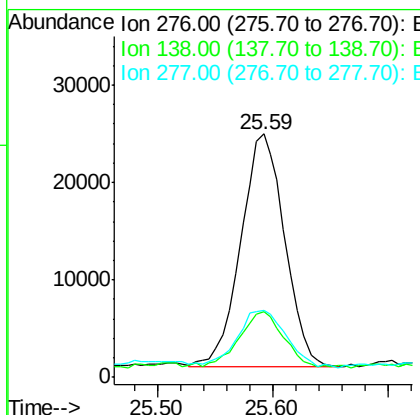
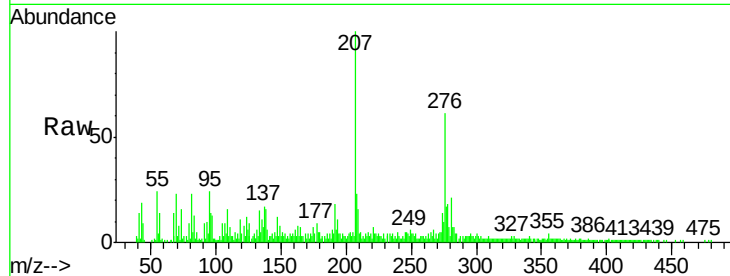
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.812 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. 0.02 min
 Lab File: BN000918.D
 Acq: 26 Apr 2018 06:49

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	14.4	21.6#
277	27.6	18.0	27.0#

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#29
 Benzo(g,h,i)perylene
 Concen: 2.121 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. 0.03 min
 Lab File: BN000918.D
 Acq: 26 Apr 2018 06:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	15.3	22.9#
277	25.8	19.0	28.4

