

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
 Data File : BN000952.D
 Acq On : 27 Apr 2018 02:44
 Operator : JU/SJ
 Sample : J2526-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS67

Manual Integrations
 APPROVED

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Quant Time: Apr 27 09:10:16 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 08:22:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	168664	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	699106	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	324081	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	572773	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	524956	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	552865	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	886225	28.47	ng/ul	0.00
10) Fluorene-d10	15.26	176	583832	28.10	ng/ul	0.00
14) Anthracene-d10	17.10	188	772843	29.51	ng/ul	0.00
18) Pyrene-d10	19.41	212	778808	28.95	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	840278	32.17	ng/ul	0.00
Target Compounds				Qvalue		
13) Phenanthrene	17.05	178	127409	4.078	ng/ul	99
15) Anthracene	17.14	178	32275	1.030	ng/ul	97
16) Fluoranthene	19.07	202	214696	6.774	ng/ul#	93
19) Pyrene	19.44	202	175088	5.193	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	109217m	3.480	ng/ul	
21) Chrysene	21.25	228	99286	3.366	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	170724m	5.434	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	40778m	1.326	ng/ul	
26) Benzo(a)pyrene	23.31	252	106078	3.533	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	86834	2.394	ng/ul#	89
29) Benzo(g,h,i)perylene	26.25	276	76652	2.527	ng/ul#	92

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

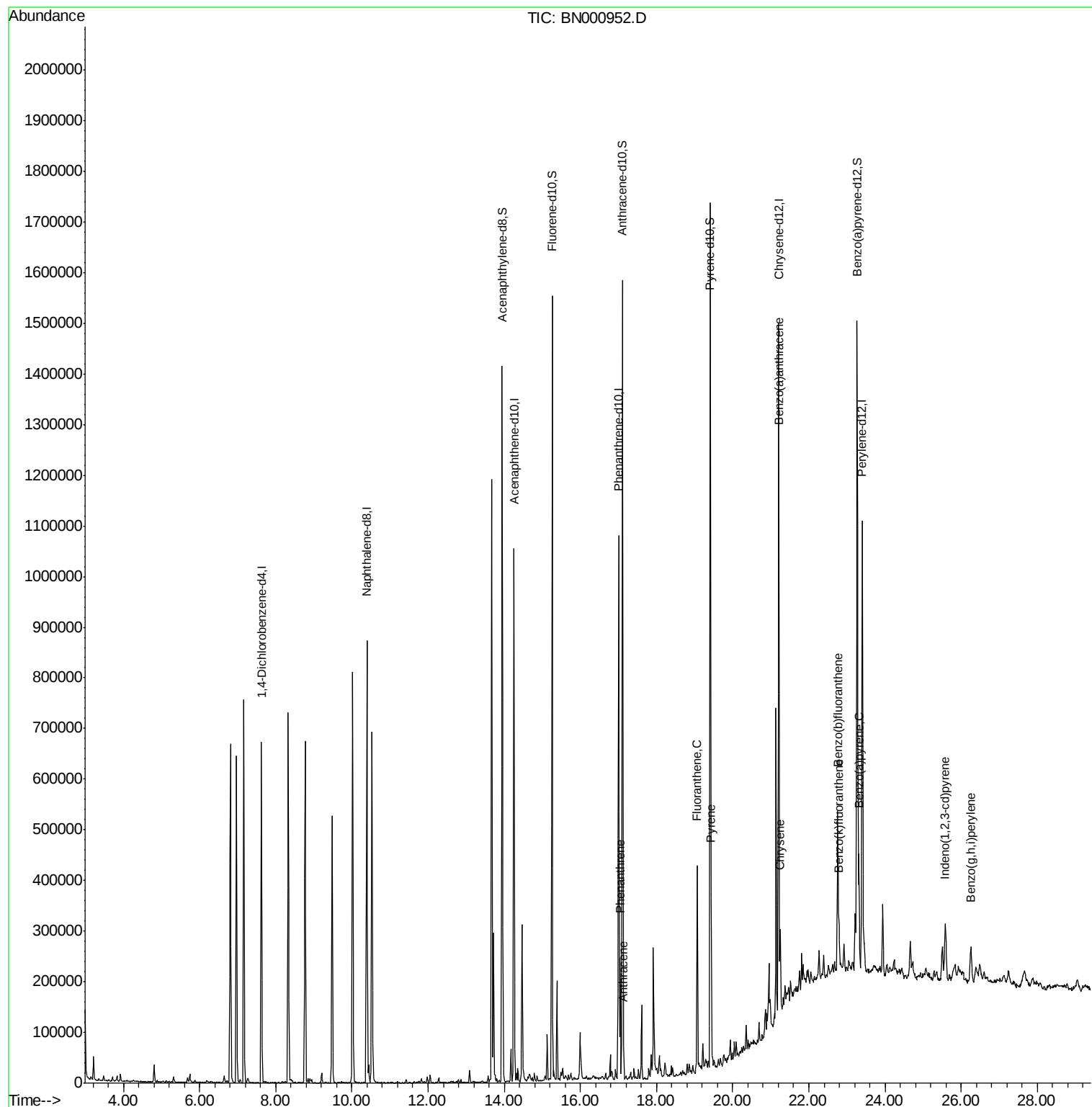
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042618\
Data File : BN000952.D
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ALS Vial : 25 Sample Multiplier: 1

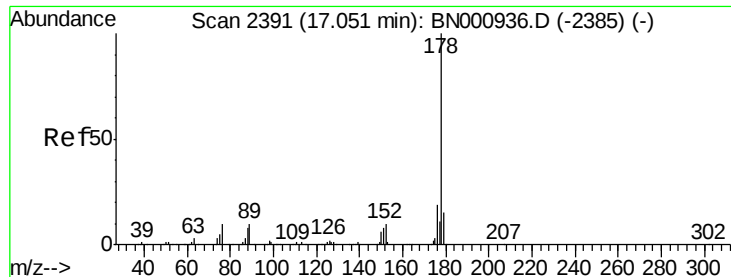
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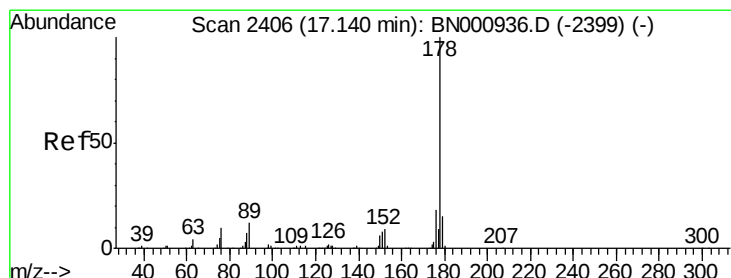
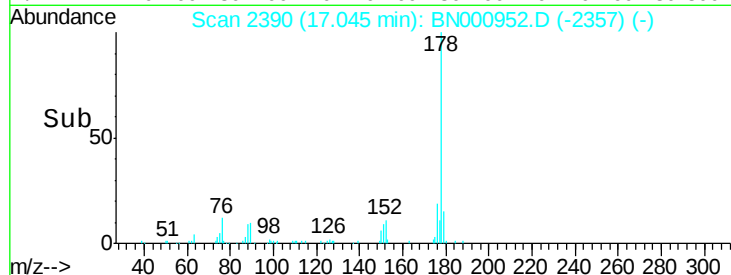
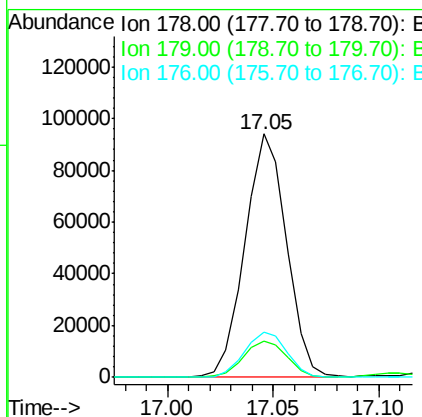
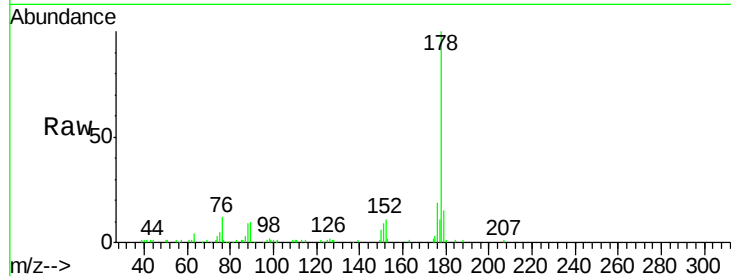
#13
Phenanthrene
Concen: 4.078 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Instrument :
BNA_N
ClientSampleId :
DAS67

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.8	15.1	22.7

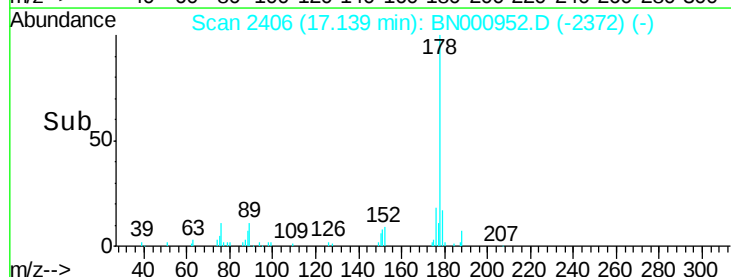
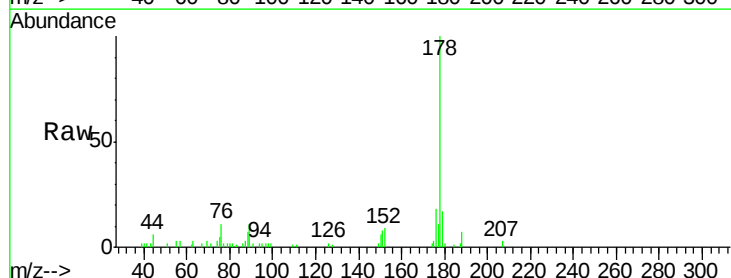
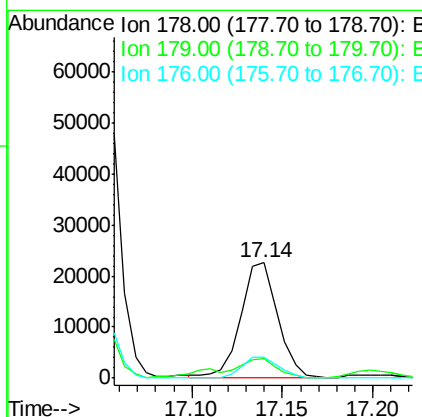
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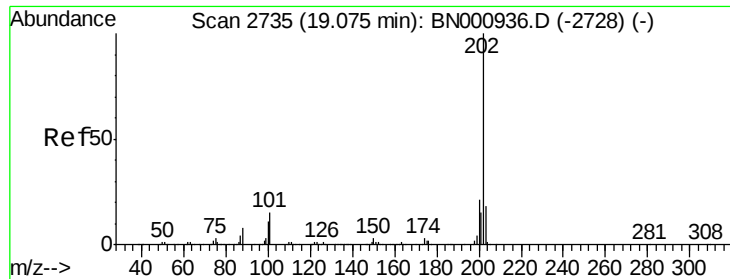
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#15
Anthracene
Concen: 1.030 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.8	17.8
176	18.1	15.2	22.8





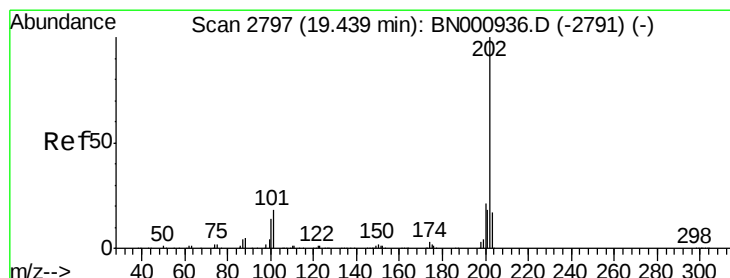
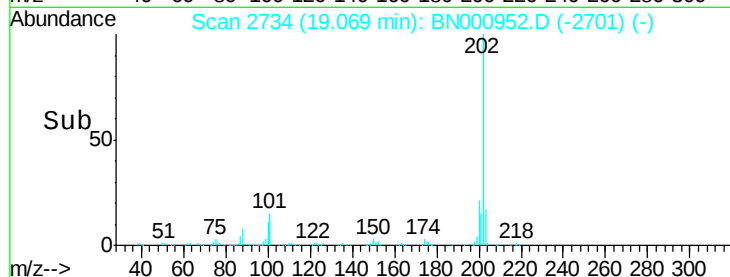
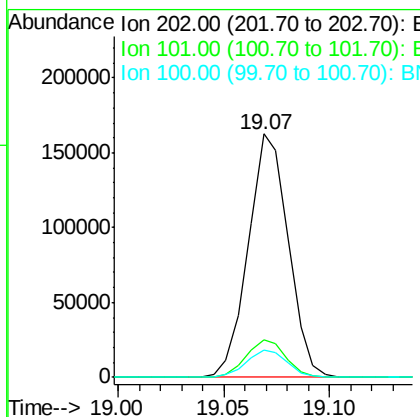
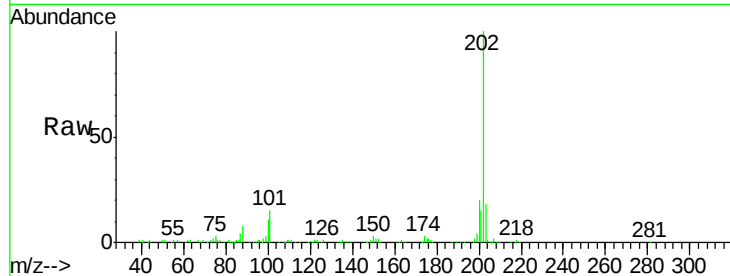
#16
Fluoranthene
Concen: 6.774 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Instrument :
BNA_N
ClientSampleId :
DAS67

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.2	9.9	14.9#
100	11.3	7.4	11.0#

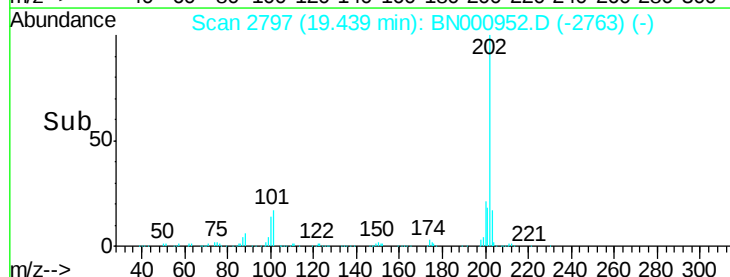
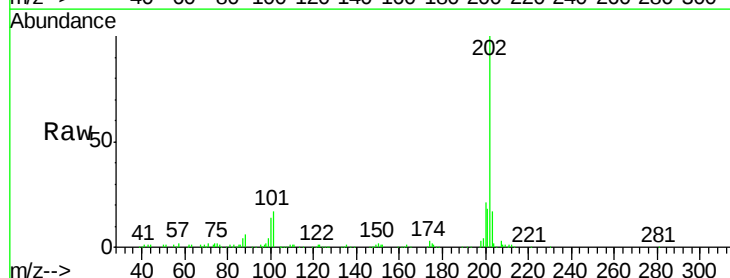
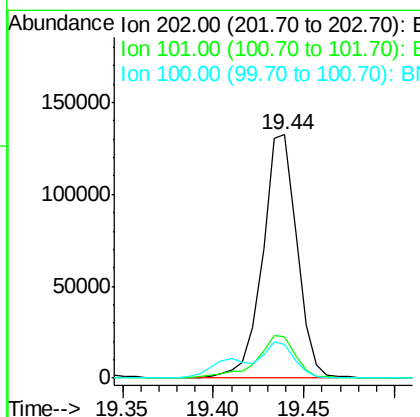
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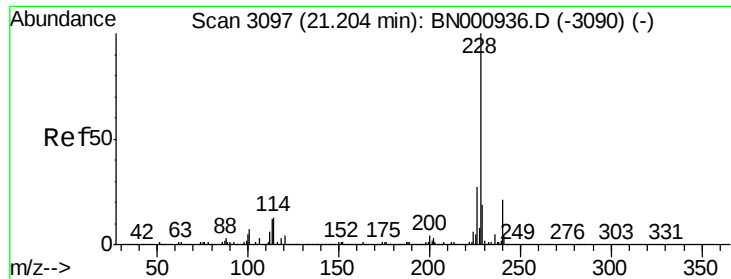
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#19
Pyrene
Concen: 5.193 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.2	11.0	16.4#
100	13.9	8.1	12.1#





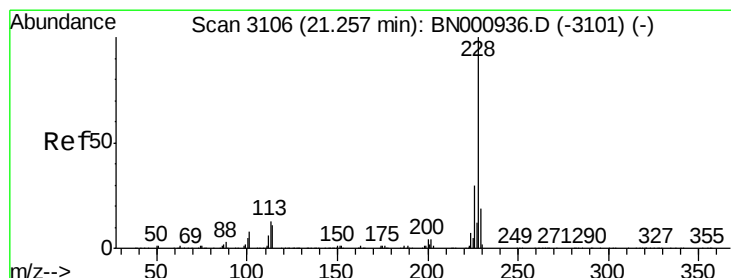
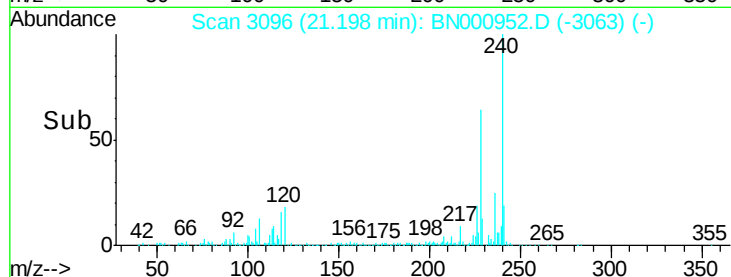
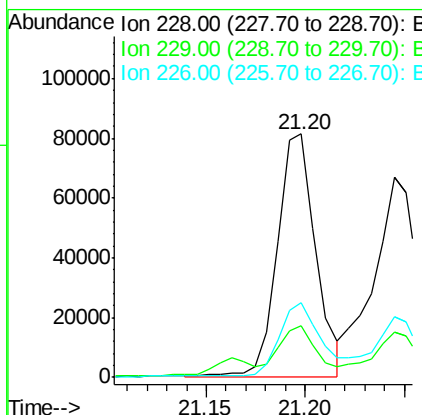
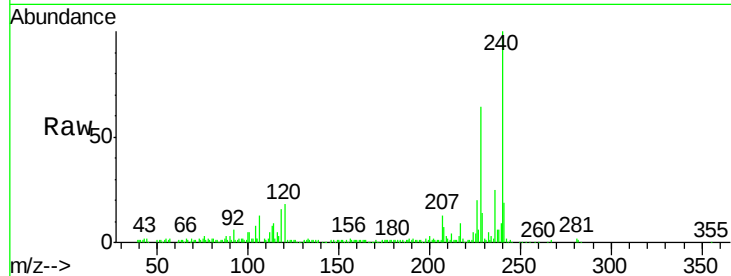
#20
Benzo(a)anthracene
Concen: 3.480 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Instrument :
BNA_N
ClientSampleId :
DAS67

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	30.7	21.1	31.7

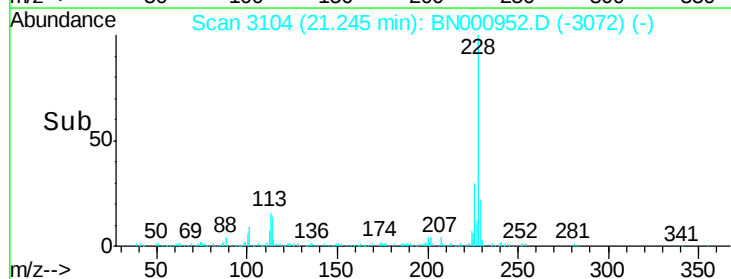
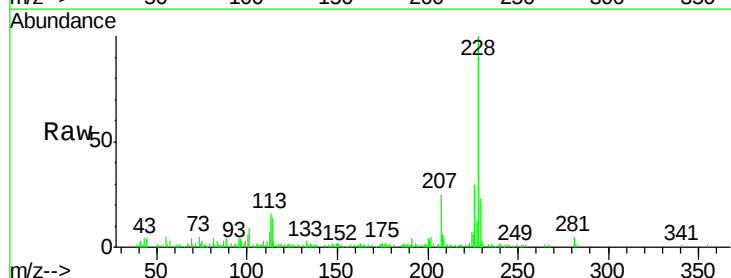
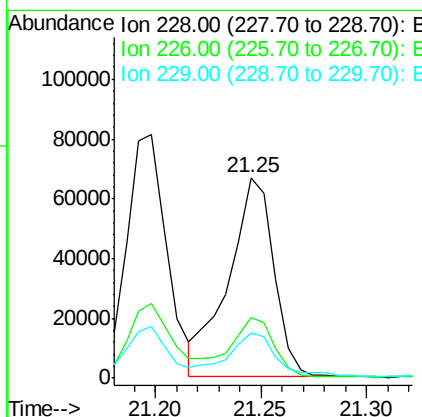
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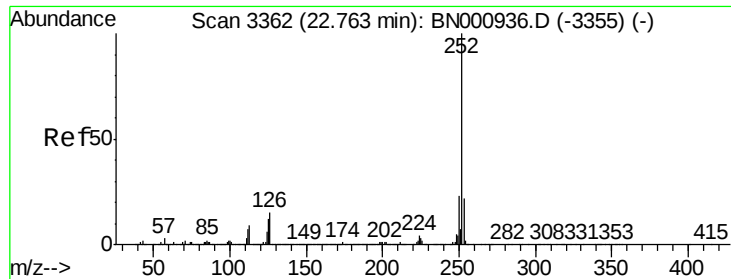
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#21
Chrysene
Concen: 3.366 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	22.5	15.8	23.8





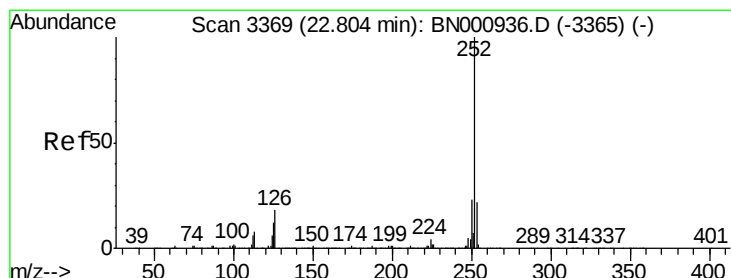
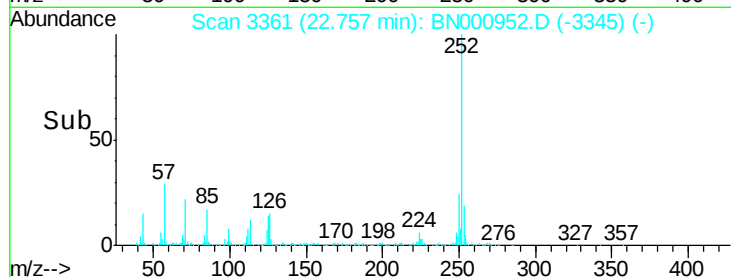
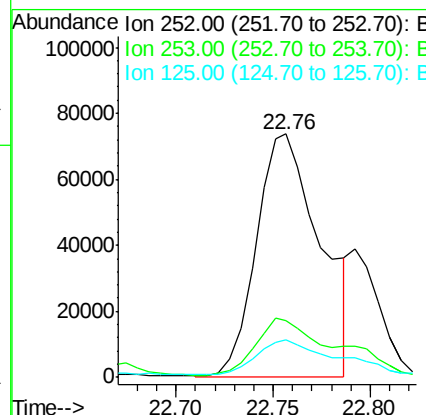
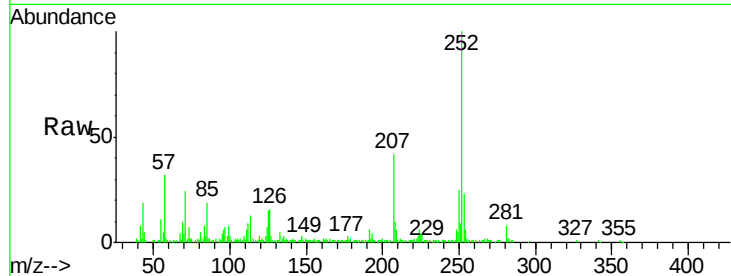
#23
Benzo(b)fluoranthene
Concen: 5.434 ng/ul m
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Instrument :
BNA_N
ClientSampled :
DAS67

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.5	8.0	12.0

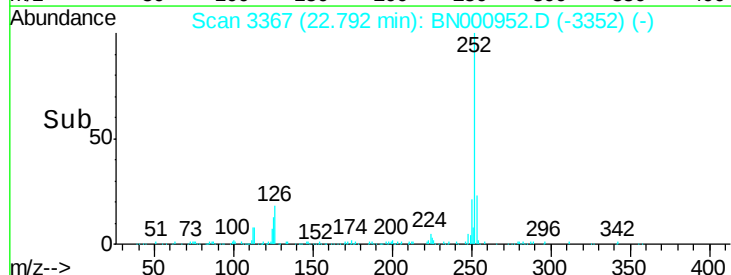
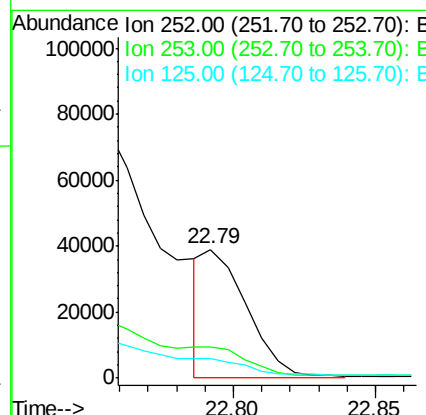
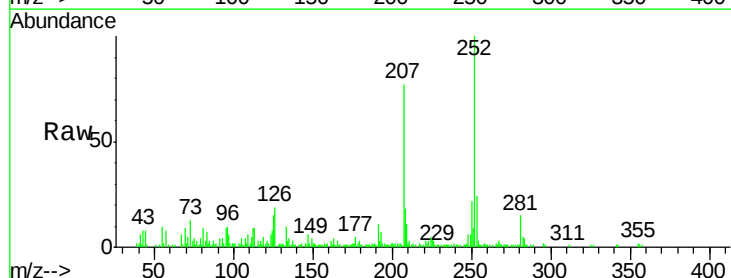
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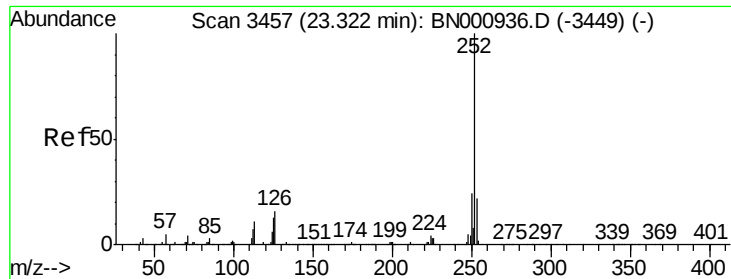
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#24
Benzo(k)fluoranthene
Concen: 1.326 ng/ul m
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	15.4	8.1	12.1





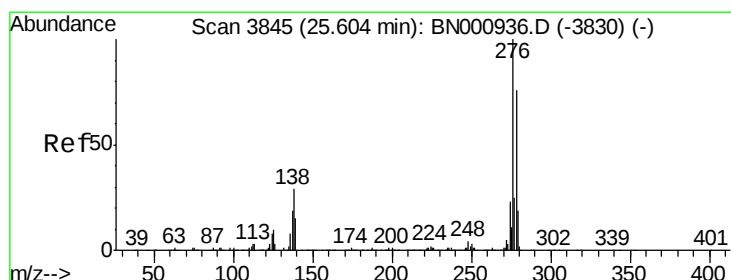
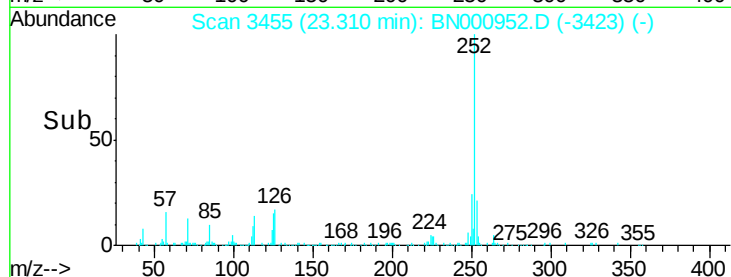
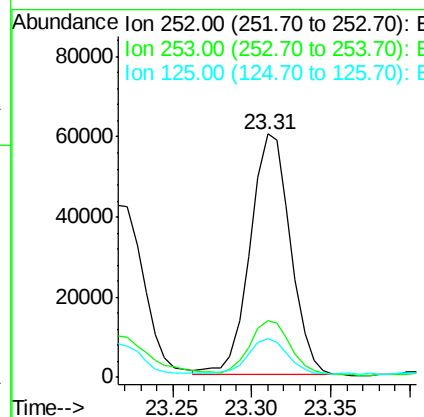
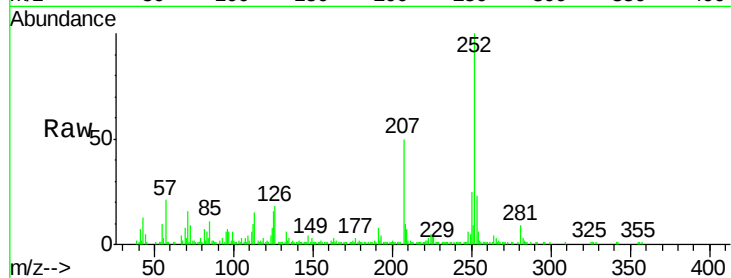
#26
Benzo(a)pyrene
Concen: 3.533 ng/u1
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Instrument :
BNA_N
ClientSampleId :
DAS67

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.2	25.8
125	16.0	8.2	12.4

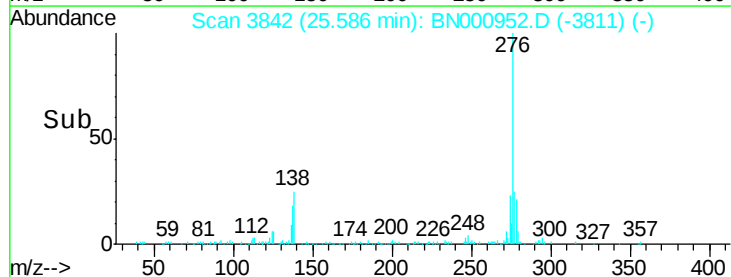
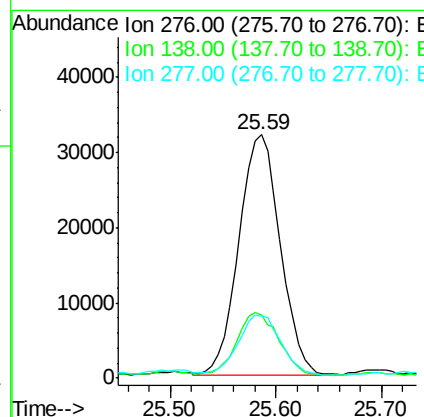
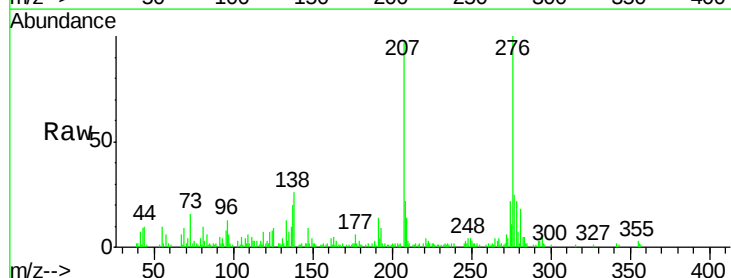
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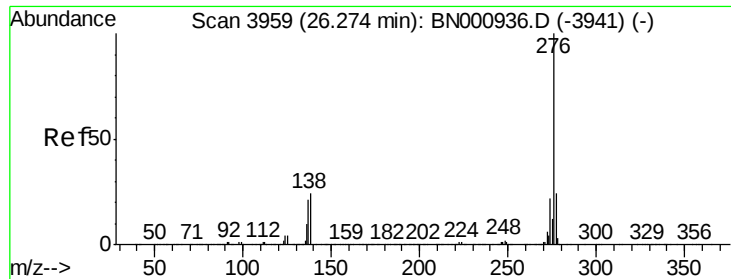
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.394 ng/u1
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.0	14.4	21.6
277	25.3	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 2.527 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.02 min

Lab File: BN000952.D

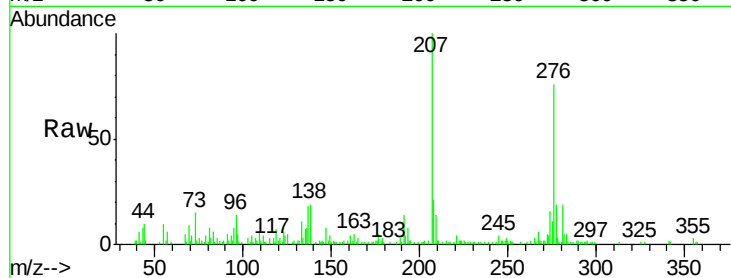
Acq: 27 Apr 2018 02:44

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	276	Resp:	76652
Ion Ratio	Lower	Upper	
276	100		
138	25.4	15.3	22.9#
277	25.1	19.0	28.4

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