

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
 Data File : BN000308.D
 Acq On : 12 Mar 2018 13:45
 Operator : JU/SJ
 Sample : J1843-09MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM67MS

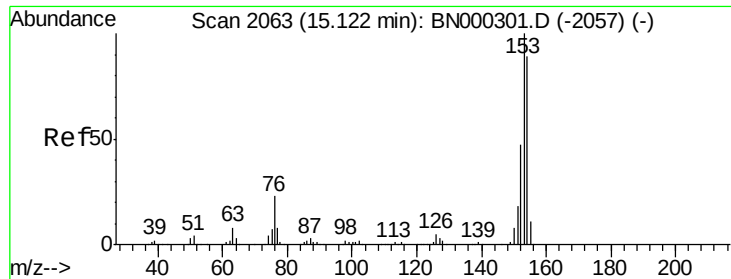
Manual Integrations
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Quant Time: Mar 12 14:22:23 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	252293	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1213470	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	680920	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1459241	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1557048	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1546349	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2520262	37.29	ng/ul	0.00
10) Fluorene-d10	16.04	176	1681898	36.75	ng/ul	0.00
14) Anthracene-d10	17.87	188	2567861	37.66	ng/ul	0.00
18) Pyrene-d10	20.13	212	2843594	37.33	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2698232	38.21	ng/ul	0.01
Target Compounds						
9) Acenaphthene	15.12	153	1807743	38.245	ng/ul	96
13) Phenanthrene	17.82	178	204689	2.446	ng/ul	99
16) Fluoranthene	19.80	202	463619	5.127	ng/ul#	93
19) Pyrene	20.16	202	4207272	42.798	ng/ul#	89
20) Benzo(a)anthracene	21.87	228	242211	2.502	ng/ul	98
21) Chrysene	21.93	228	258810	2.817	ng/ul	98
23) Benzo(b)fluoranthene	23.62	252	394616m	4.280	ng/ul	
24) Benzo(k)fluoranthene	23.66	252	123754m	1.434	ng/ul	
26) Benzo(a)pyrene	24.27	252	248544	2.832	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.92	276	165955	1.754	ng/ul#	82
29) Benzo(g,h,i)perylene	27.72	276	161211	2.040	ng/ul#	85

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



#9

Acenaphthene

Concen: 38.245 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

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Tgt Ion:153 Resp: 1807743

Ion Ratio Lower Upper

153 100

152 48.3 39.0 58.6

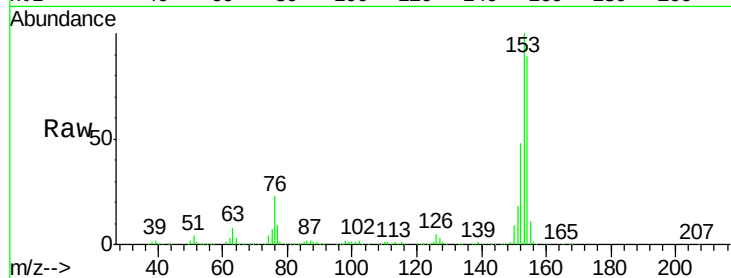
154 89.2 66.8 100.2

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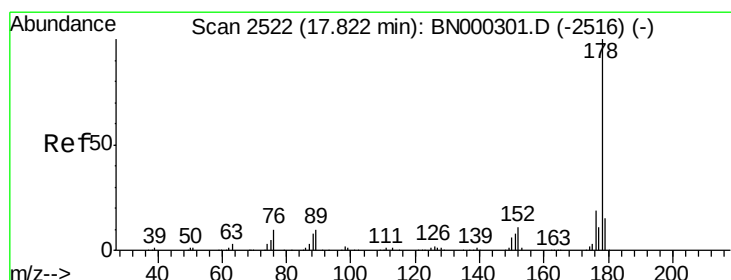
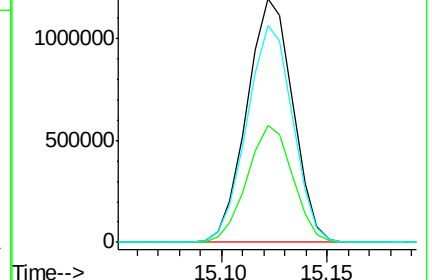
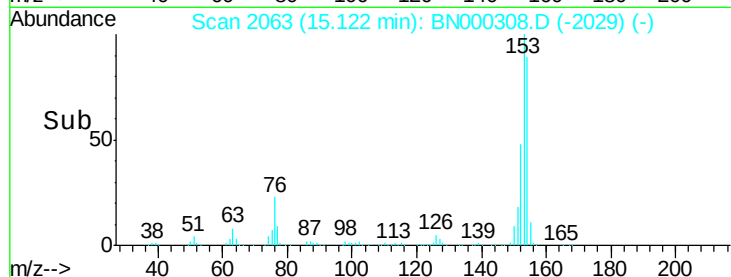
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 2.446 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

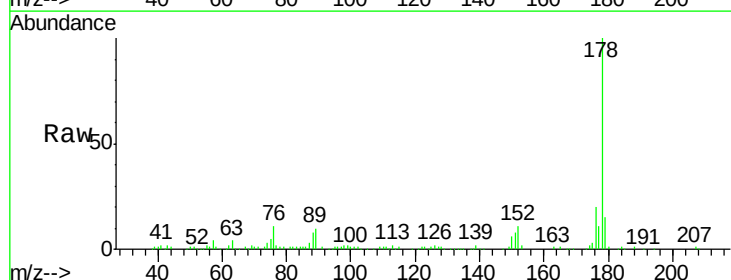
Tgt Ion:178 Resp: 204689

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

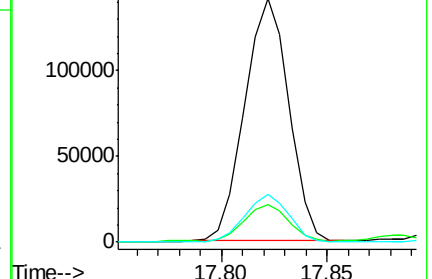
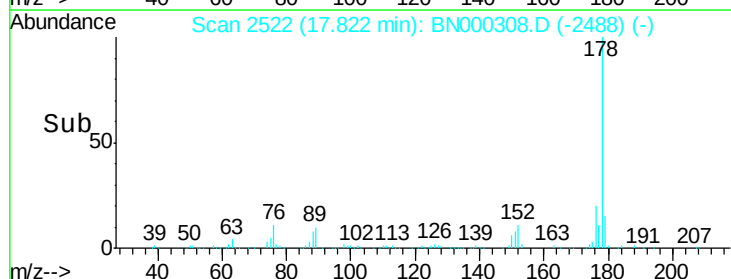
176 19.5 15.1 22.7

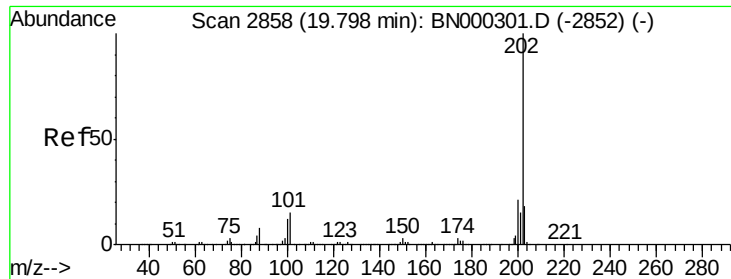


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 5.127 ng/ul

RT: 19.80 min Scan# 2858

Delta R.T. -0.00 min

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Acq: 12 Mar 2018 13:45

Instrument :

BNA_N

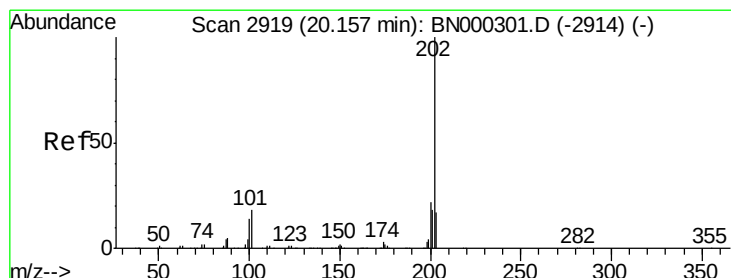
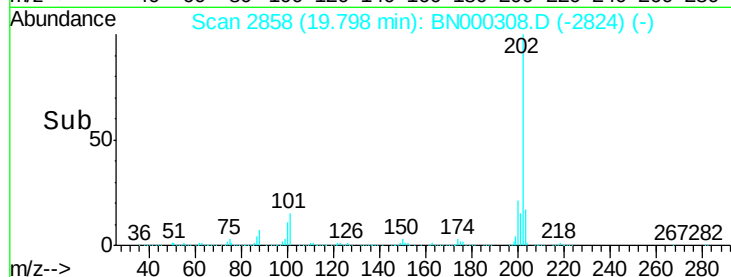
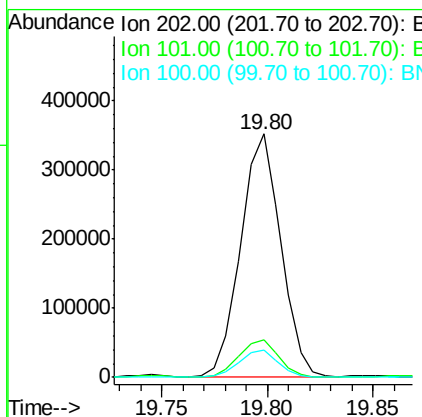
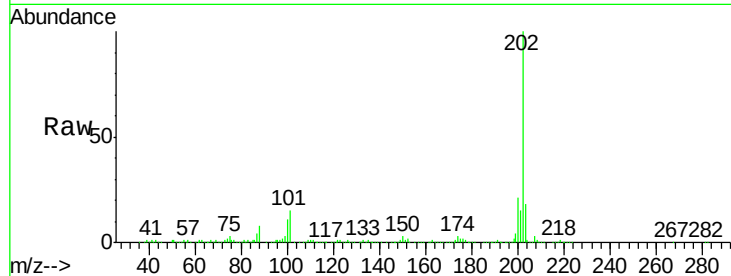
ClientSampleId :

DAM67MS

Tgt	Ion	202	Resp:	463619
Ion	Ratio	Lower	Upper	
202	100			
101	15.3	9.9	14.9#	
100	11.3	7.4	11.0#	

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#19

Pyrene

Concen: 42.798 ng/ul

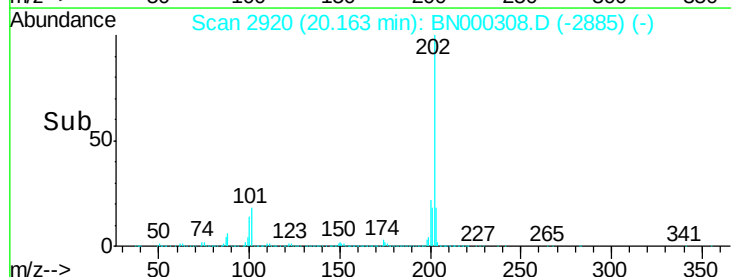
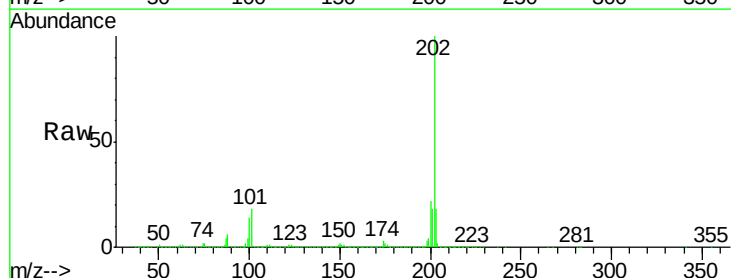
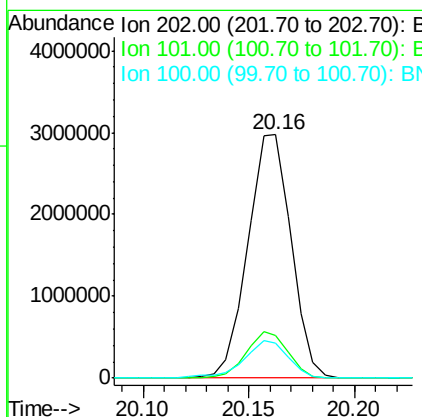
RT: 20.16 min Scan# 2920

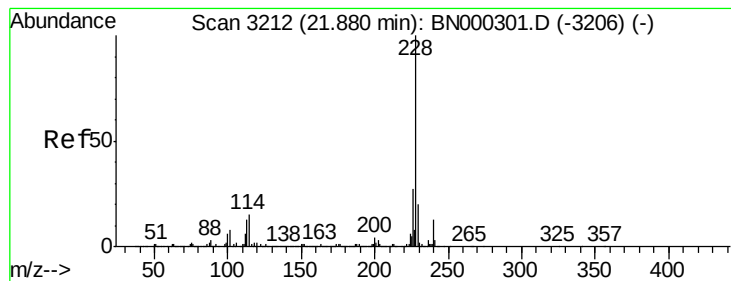
Delta R.T. 0.01 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

Tgt	Ion	202	Resp:	4207272
Ion	Ratio	Lower	Upper	
202	100			
101	17.7	11.0	16.4#	
100	14.4	8.1	12.1#	





#20

Benzo(a)anthracene

Concen: 2.502 ng/ul

RT: 21.87 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

Instrument :

BNA_N

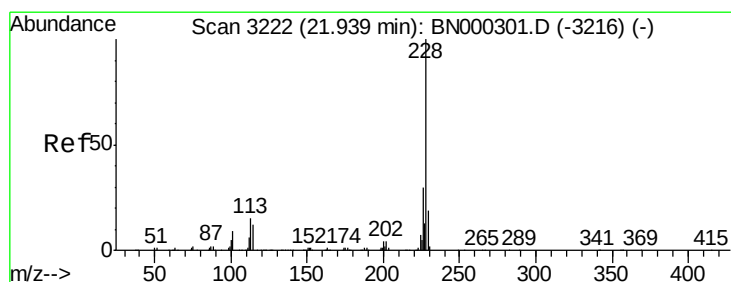
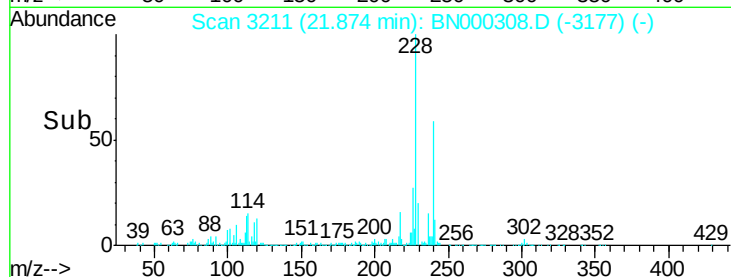
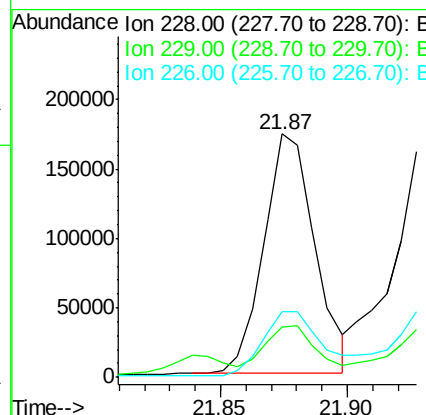
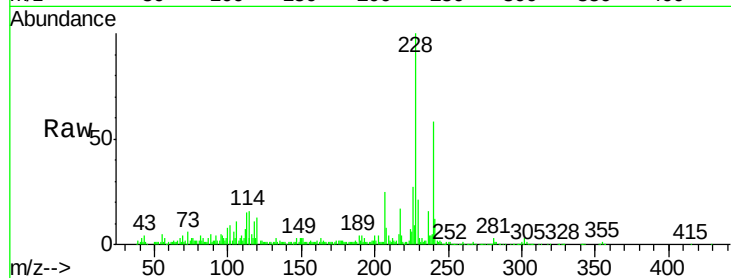
ClientSampleId :

DAM67MS

Tgt Ion:	228	Resp:	242211
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.7	23.5
226	27.2	21.1	31.7

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#21

Chrysene

Concen: 2.817 ng/ul

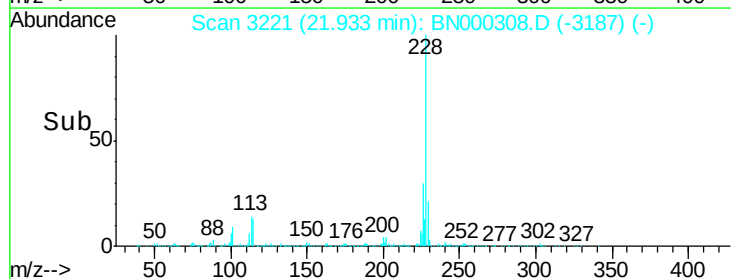
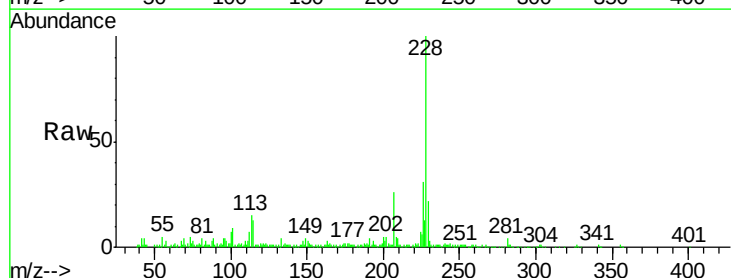
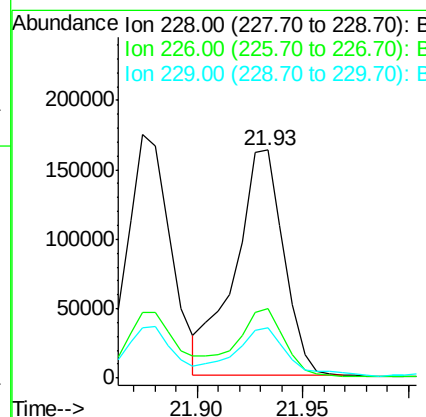
RT: 21.93 min Scan# 3221

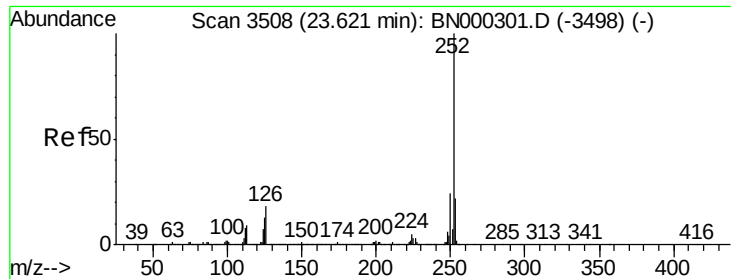
Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

Tgt Ion:	228	Resp:	258810
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.5	36.7
229	22.0	15.8	23.8





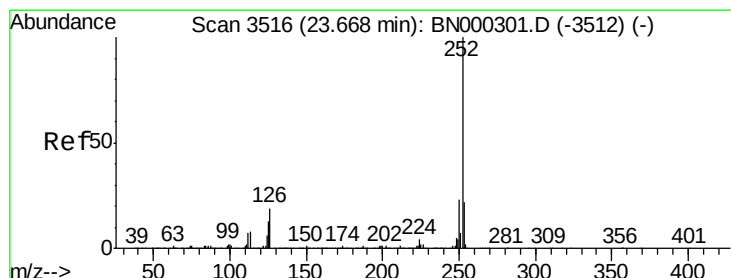
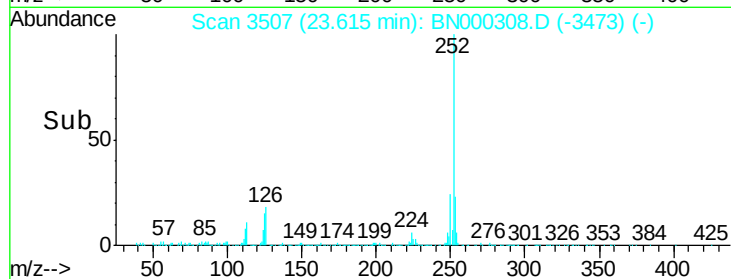
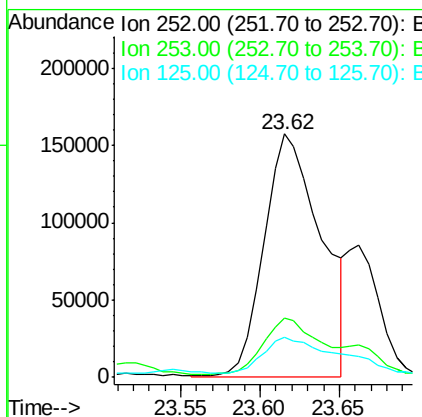
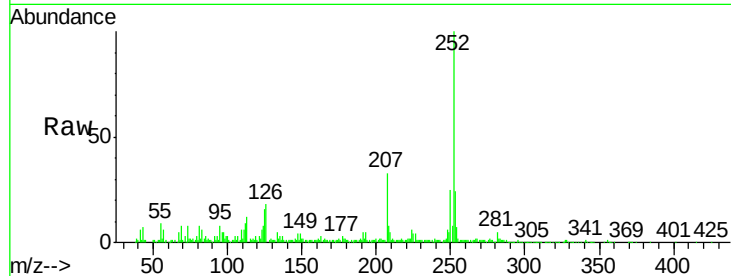
#23
Benzo(b)fluoranthene
Concen: 4.280 ng/ul m
RT: 23.62 min Scan# 3507
Delta R.T. -0.00 min
Lab File: BN000308.D
Acq: 12 Mar 2018 13:45

Instrument :
BNA_N
ClientSampleId :
DAM67MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	16.2	8.0	12.0#

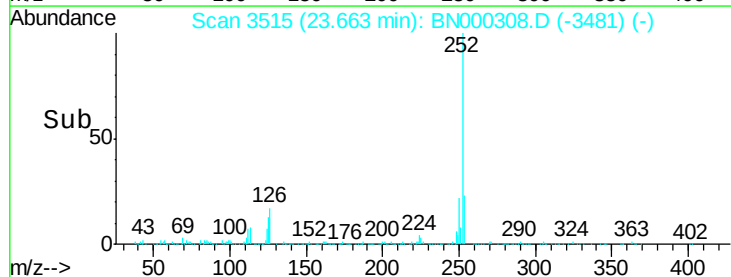
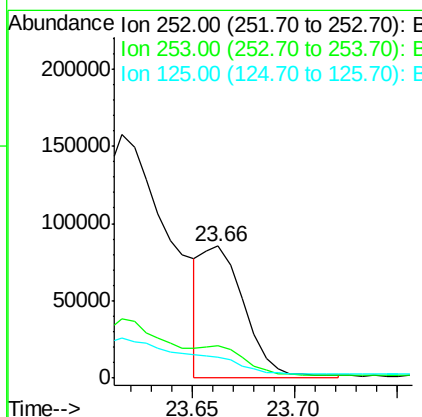
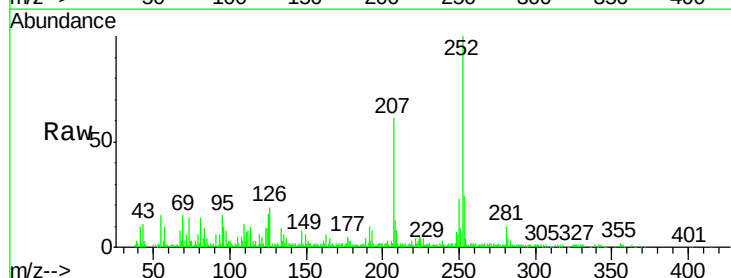
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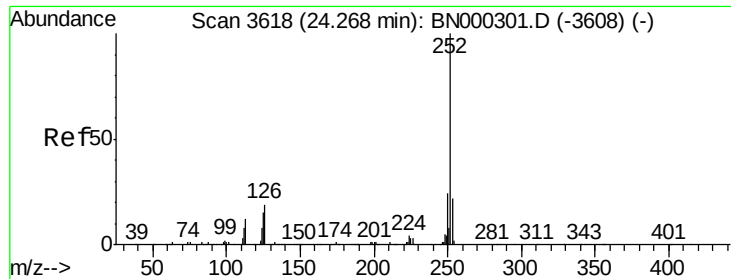
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#24
Benzo(k)fluoranthene
Concen: 1.434 ng/ul m
RT: 23.66 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BN000308.D
Acq: 12 Mar 2018 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	15.9	8.1	12.1#





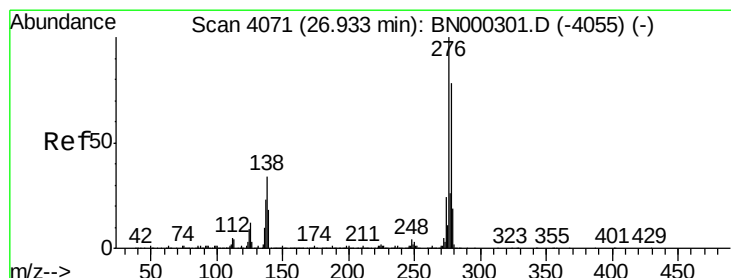
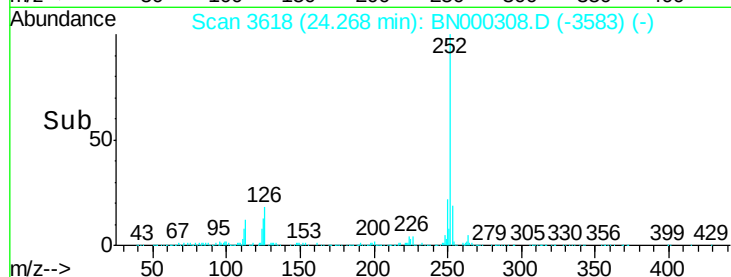
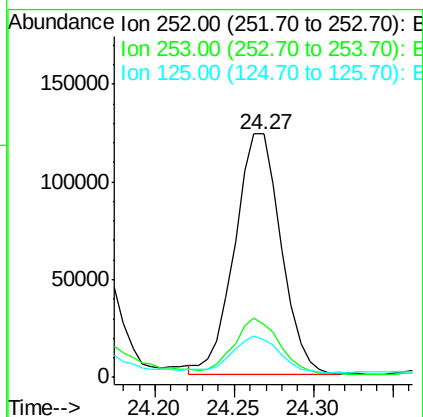
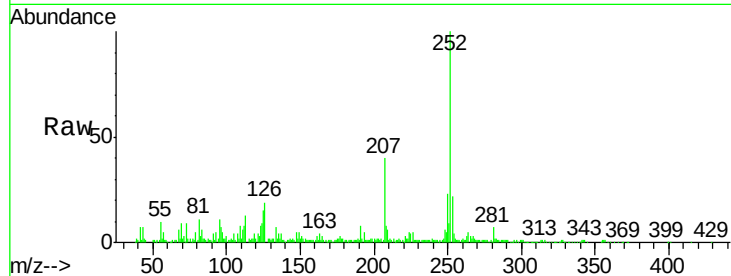
#26
Benzo(a)pyrene
Concen: 2.832 ng/ul
RT: 24.27 min Scan# 3618
Delta R.T. 0.01 min
Lab File: BN000308.D
Acq: 12 Mar 2018 13:45

Instrument :
BNA_N
ClientSampleId :
DAM67MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.2	25.8
125	15.5	8.2	12.4

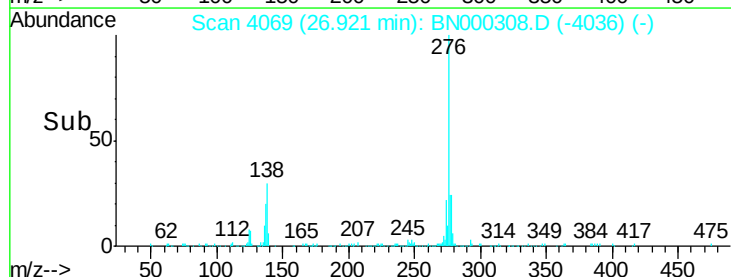
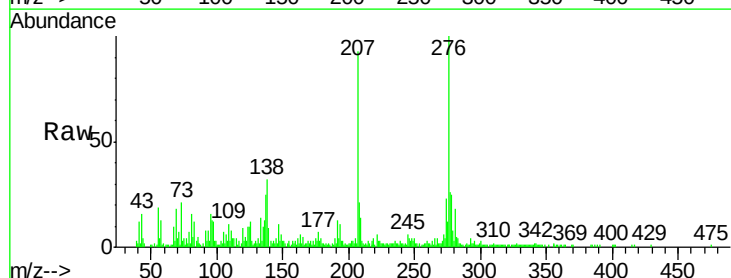
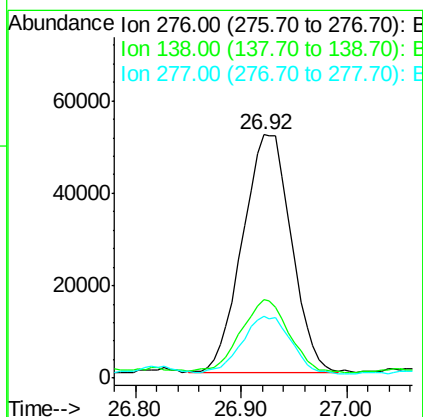
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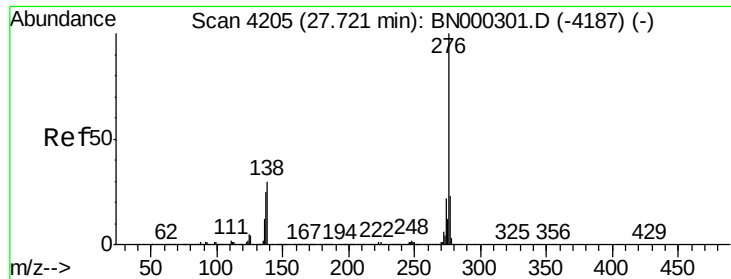
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.754 ng/ul
RT: 26.92 min Scan# 4069
Delta R.T. -0.01 min
Lab File: BN000308.D
Acq: 12 Mar 2018 13:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	32.3	14.4	21.6
277	25.6	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 2.040 ng/ul

RT: 27.72 min Scan# 4204

Delta R.T. -0.00 min

Lab File: BN000308.D

Acq: 12 Mar 2018 13:45

Instrument :

BNA_N

ClientSampleId :

DAM67MS

Tgt	Ion	276	Resp:	161211
	Ratio	100	Lower	Upper
138	31.7	15.3	22.9#	
277	25.6	19.0	28.4	

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