

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000343.D
 Acq On : 13 Mar 2018 11:47
 Operator : JU/SJ
 Sample : J1845-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM96

Manual Integrations
 APPROVED

Sohil
 3/14/2018 5:45:46 PM

Quant Time: Mar 14 07:01:25 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	167397	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	827426	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	489894	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1125957	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1280139	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1277261	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1579896	32.49	ng/ul	0.00
10) Fluorene-d10	16.05	176	1053262	31.99	ng/ul	0.00
14) Anthracene-d10	17.88	188	1683234	32.00	ng/ul	0.00
18) Pyrene-d10	20.14	212	1940034	30.98	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1877649	32.19	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	186136	2.883	ng/ul	98
16) Fluoranthene	19.80	202	449555	6.444	ng/ul#	93
19) Pyrene	20.17	202	422996	5.234	ng/ul#	92
20) Benzo(a)anthracene	21.89	228	251012	3.154	ng/ul	98
21) Chrysene	21.94	228	255359	3.381	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	359240m	4.717	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	122656m	1.720	ng/ul	
26) Benzo(a)pyrene	24.28	252	244870	3.378	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.94	276	164154	2.100	ng/ul#	86
29) Benzo(g,h,i)perylene	27.74	276	164899	2.527	ng/ul#	90

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

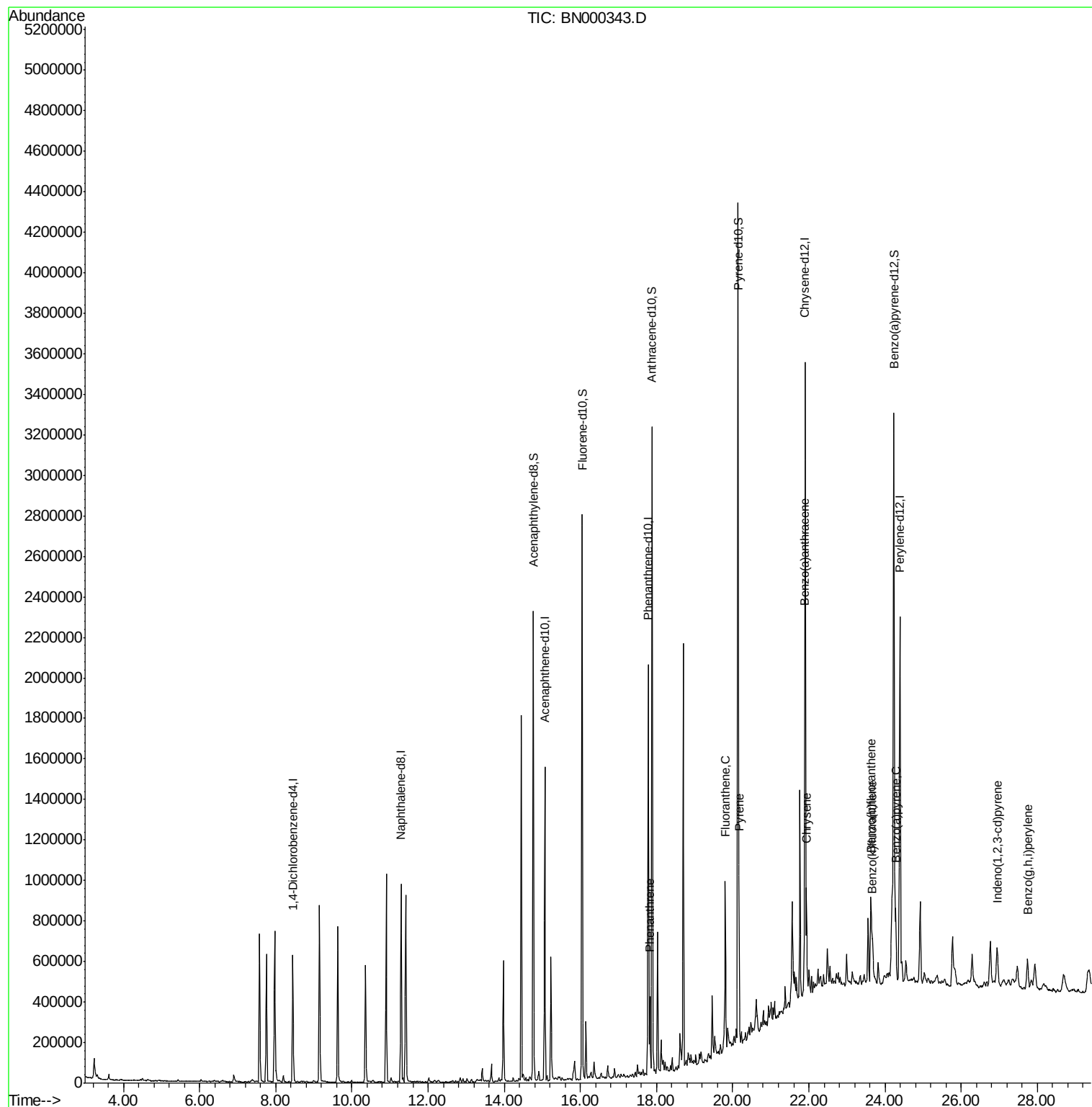
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
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ALS Vial : 7 Sample Multiplier: 1

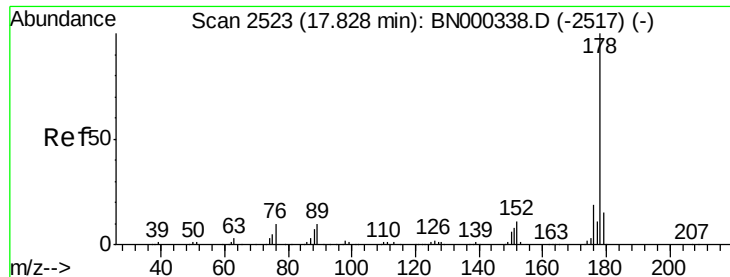
Instrument :
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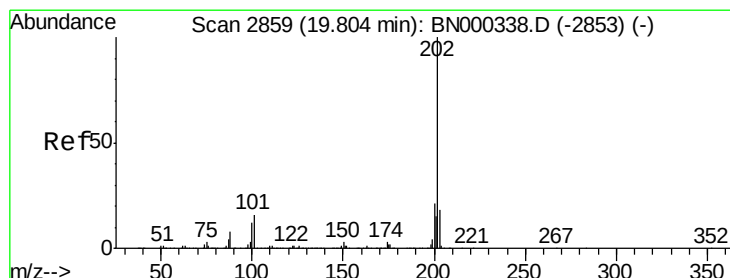
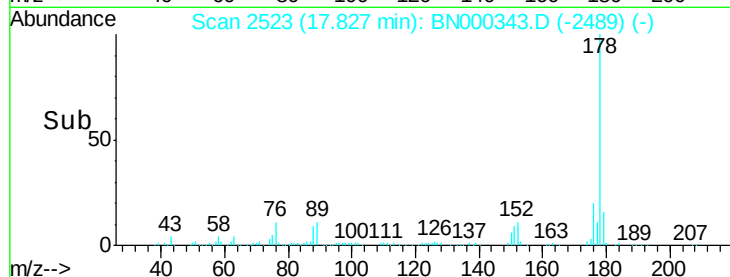
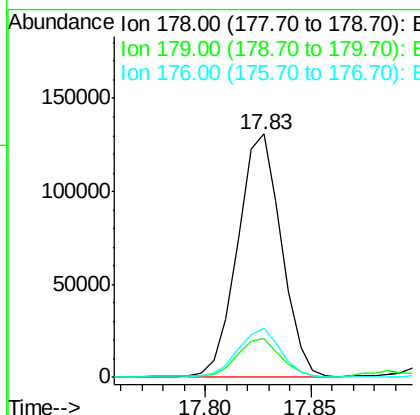
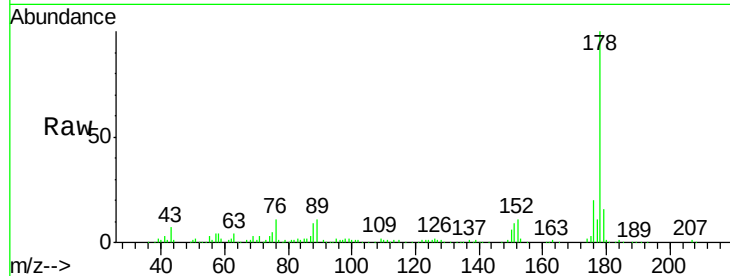
#13
Phenanthrene
Concen: 2.883 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000343.D
Acq: 13 Mar 2018 11:47

Instrument :
BNA_N
ClientSampleId :
DAM96

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	20.3	15.1	22.7

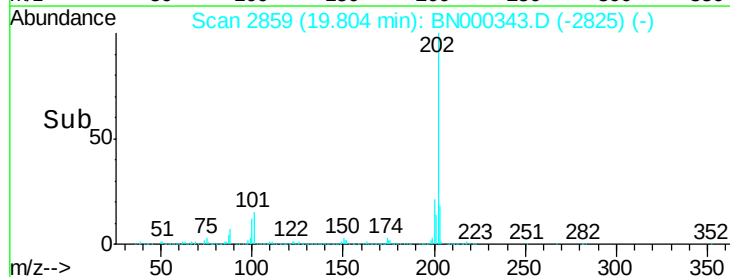
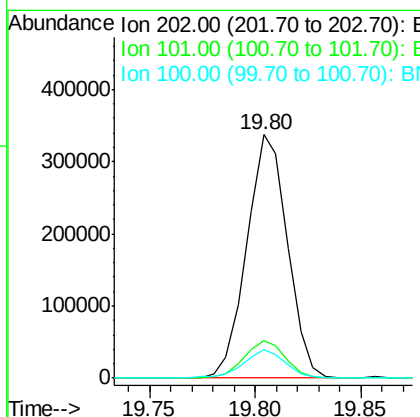
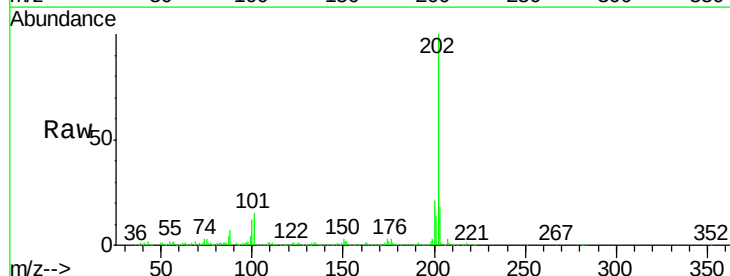
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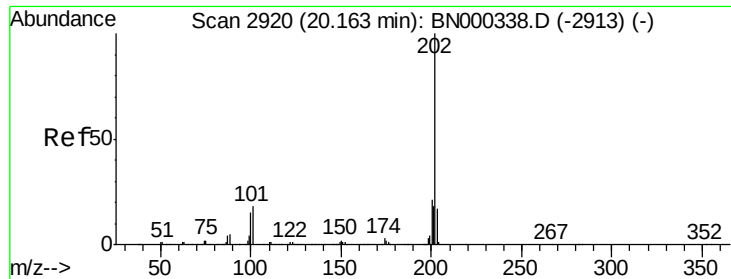
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#16
Fluoranthene
Concen: 6.444 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000343.D
Acq: 13 Mar 2018 11:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.9	7.4	11.0#





#19

Pvrene

Concen: 5.234 ng/ul

RT: 20.17 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

Instrument :

BNA_N

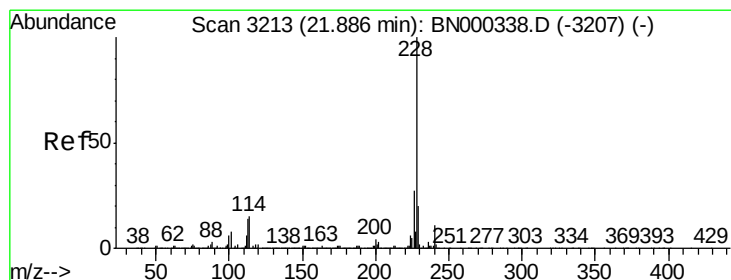
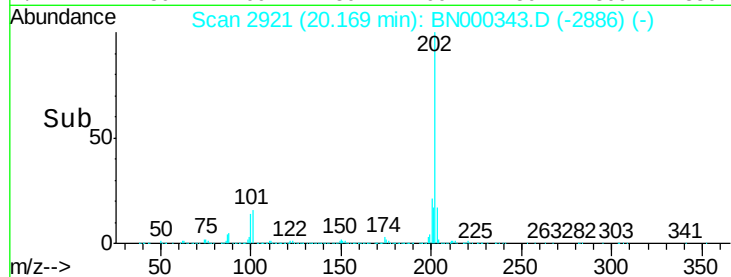
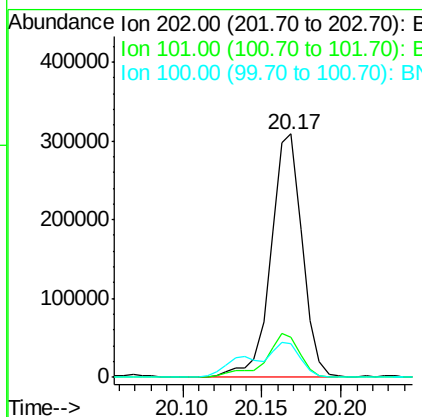
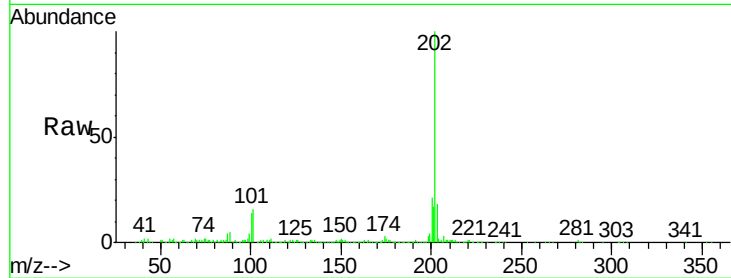
ClientSampled :

DAM96

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		422996		
101	16.3		11.0	16.4	
100	13.7		8.1	12.1	

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#20

Benzo(a)anthracene

Concen: 3.154 ng/ul

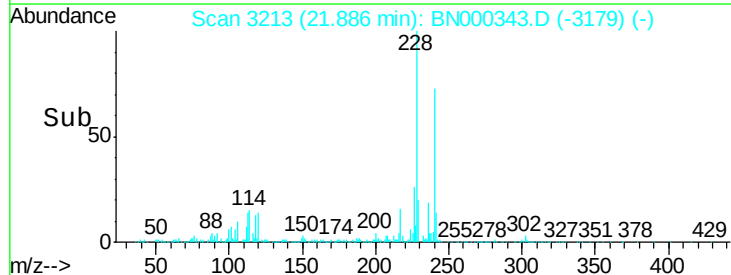
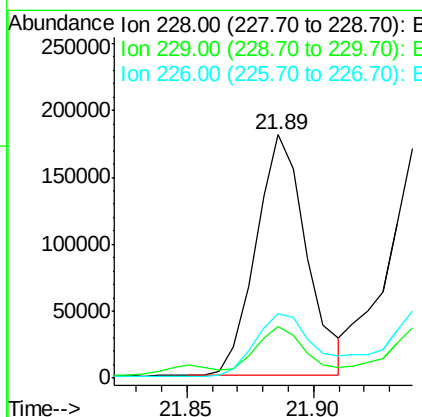
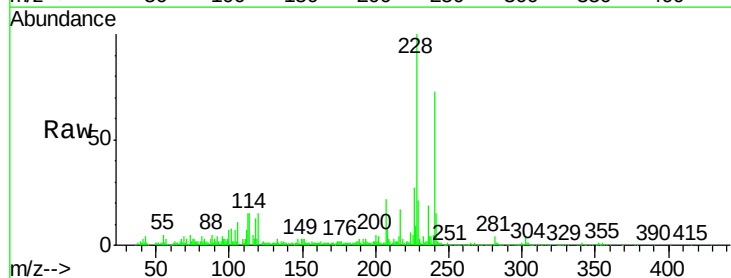
RT: 21.89 min Scan# 3213

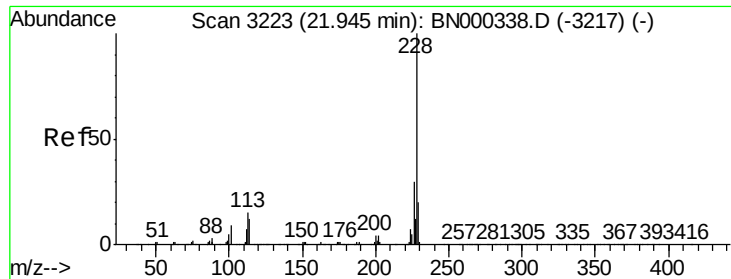
Delta R.T. -0.00 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		251012		
229	21.0		15.7	23.5	
226	26.6		21.1	31.7	





#21

Chrysene

Concen: 3.381 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

Instrument :

BNA_N

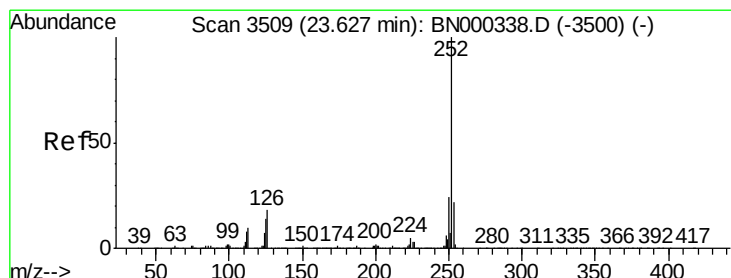
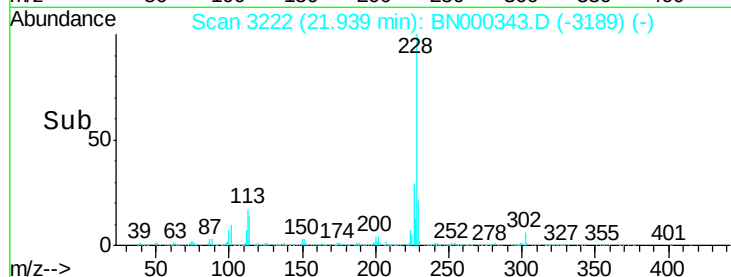
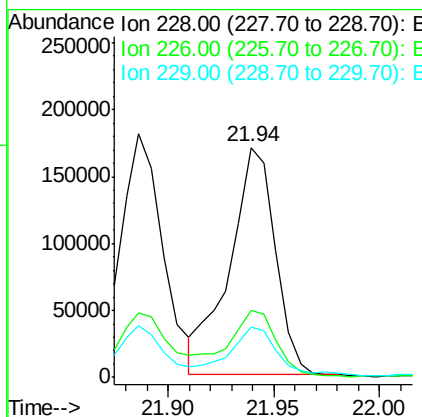
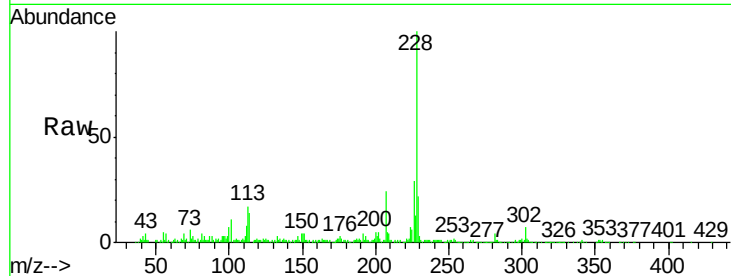
ClientSampled :

DAM96

Tot Ion:	228	Resp:	255359
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.5	36.7
229	22.1	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 4.717 ng/ul m

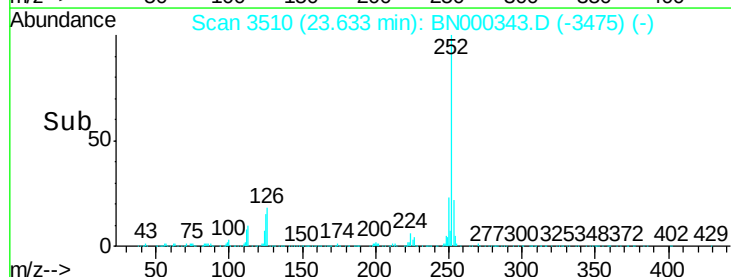
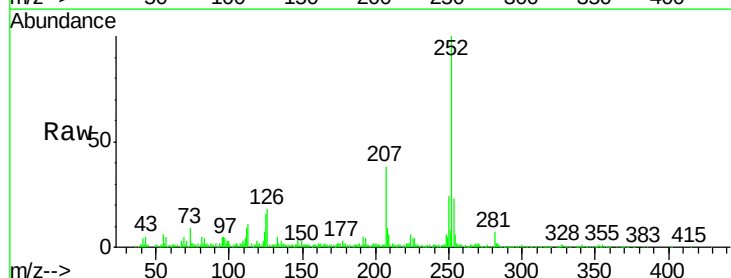
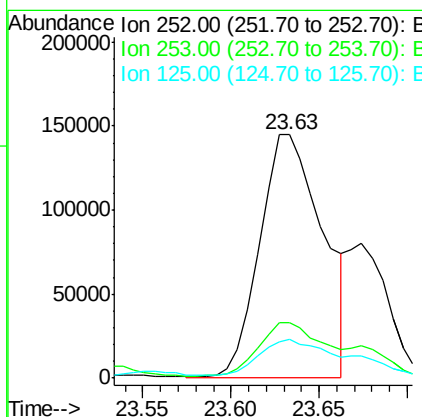
RT: 23.63 min Scan# 3510

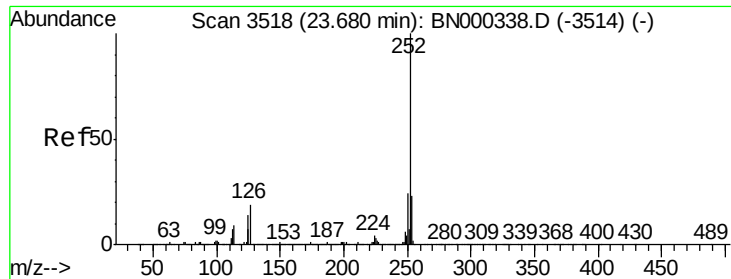
Delta R.T. 0.01 min

Lab File: BN000343.D

Acq: 13 Mar 2018 11:47

Tgt Ion:	252	Resp:	359240
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	16.1	8.0	12.0#





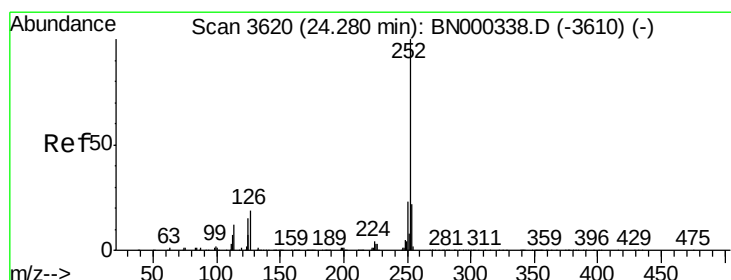
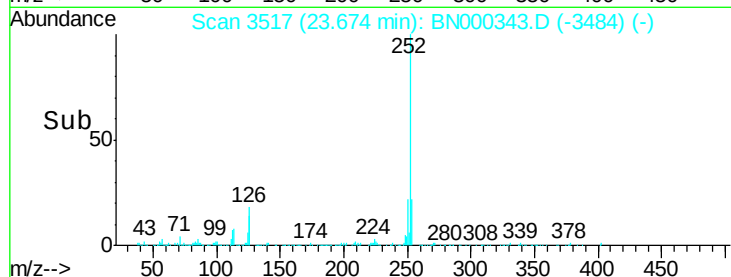
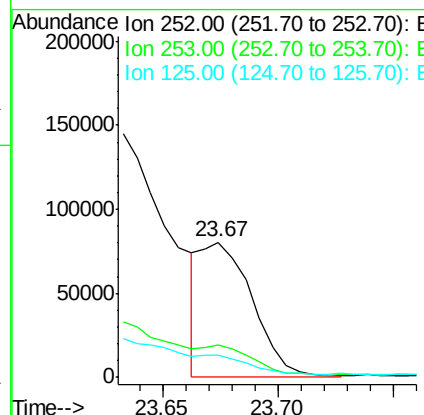
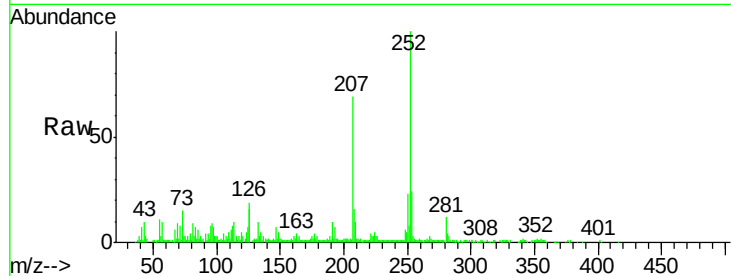
#24
Benzo(k)fluoranthene
Concen: 1.720 ng/ul
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000343.D
Acq: 13 Mar 2018 11:47

Instrument :
BNA_N
ClientSampled :
DAM96

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.0	27.0
125	16.0	8.1	12.1

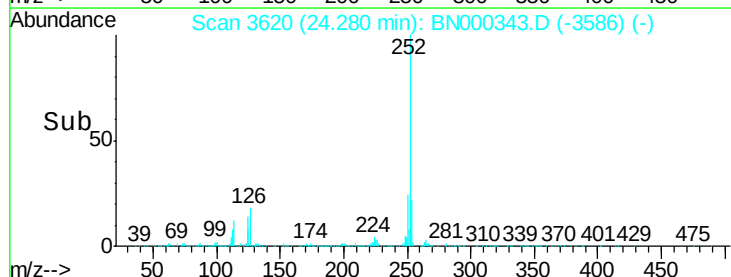
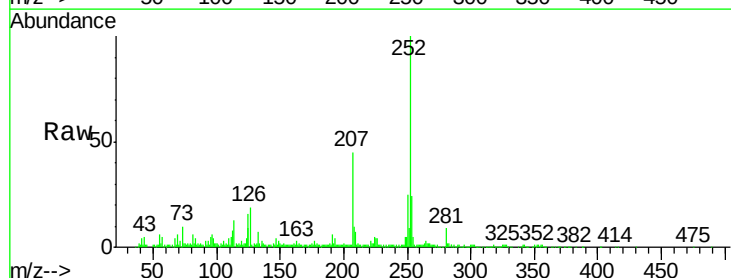
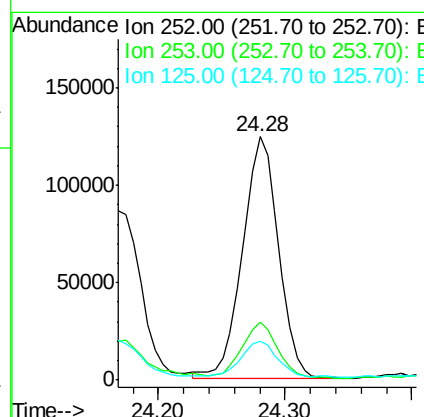
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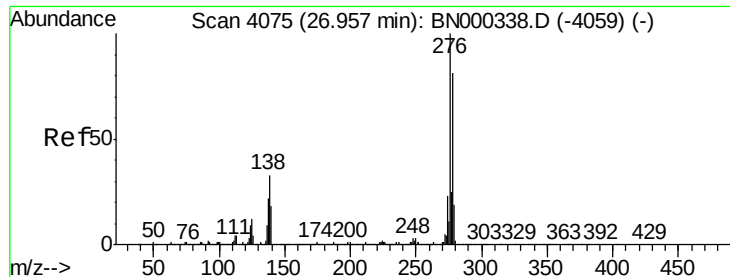
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#26
Benzo(a)pyrene
Concen: 3.378 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000343.D
Acq: 13 Mar 2018 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	16.0	8.2	12.4





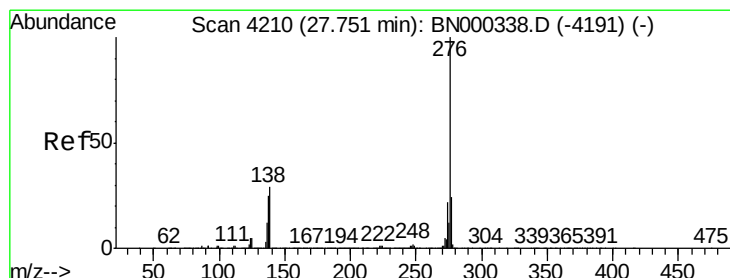
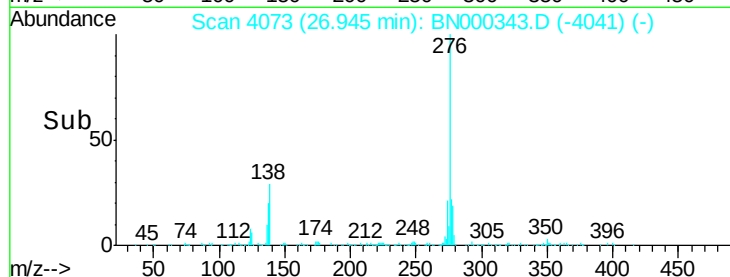
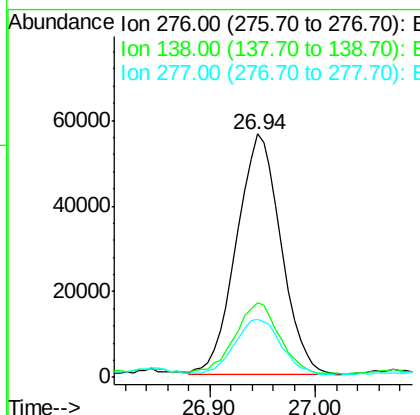
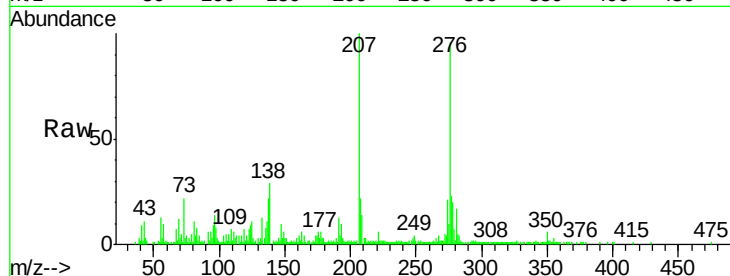
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.100 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000343.D
 Acq: 13 Mar 2018 11:47

Instrument :
 BNA_N
 ClientSampled :
 DAM96

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	14.4	21.6#
277	23.7	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 2.527 ng/ul
 RT: 27.74 min Scan# 4209
 Delta R.T. -0.01 min
 Lab File: BN000343.D
 Acq: 13 Mar 2018 11:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	15.3	22.9#
277	25.3	19.0	28.4

