

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000344.D
 Acq On : 13 Mar 2018 12:22
 Operator : JU/SJ
 Sample : J1845-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM97

Manual Integrations
 APPROVED

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Quant Time: Mar 14 07:03:53 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	168625	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	821934	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	472691	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1070288	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1253241	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1244328	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1416256	30.19	ng/ul	0.00
10) Fluorene-d10	16.04	176	939304	29.57	ng/ul	0.00
14) Anthracene-d10	17.88	188	1510420	30.20	ng/ul	0.00
18) Pyrene-d10	20.13	212	1780558	29.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1744178	30.70	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	169824	2.767	ng/ul	99
16) Fluoranthene	19.80	202	415908	6.271	ng/ul#	95
19) Pyrene	20.16	202	368063	4.652	ng/ul#	90
20) Benzo(a)anthracene	21.88	228	211905m	2.720	ng/ul	
21) Chrysene	21.94	228	207310	2.804	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	294872	3.974	ng/ul#	94
24) Benzo(k)fluoranthene	23.67	252	80760m	1.163	ng/ul	
26) Benzo(a)pyrene	24.27	252	186915	2.647	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.94	276	121277	1.593	ng/ul#	82
29) Benzo(g,h,i)perylene	27.74	276	122708	1.930	ng/ul#	89

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

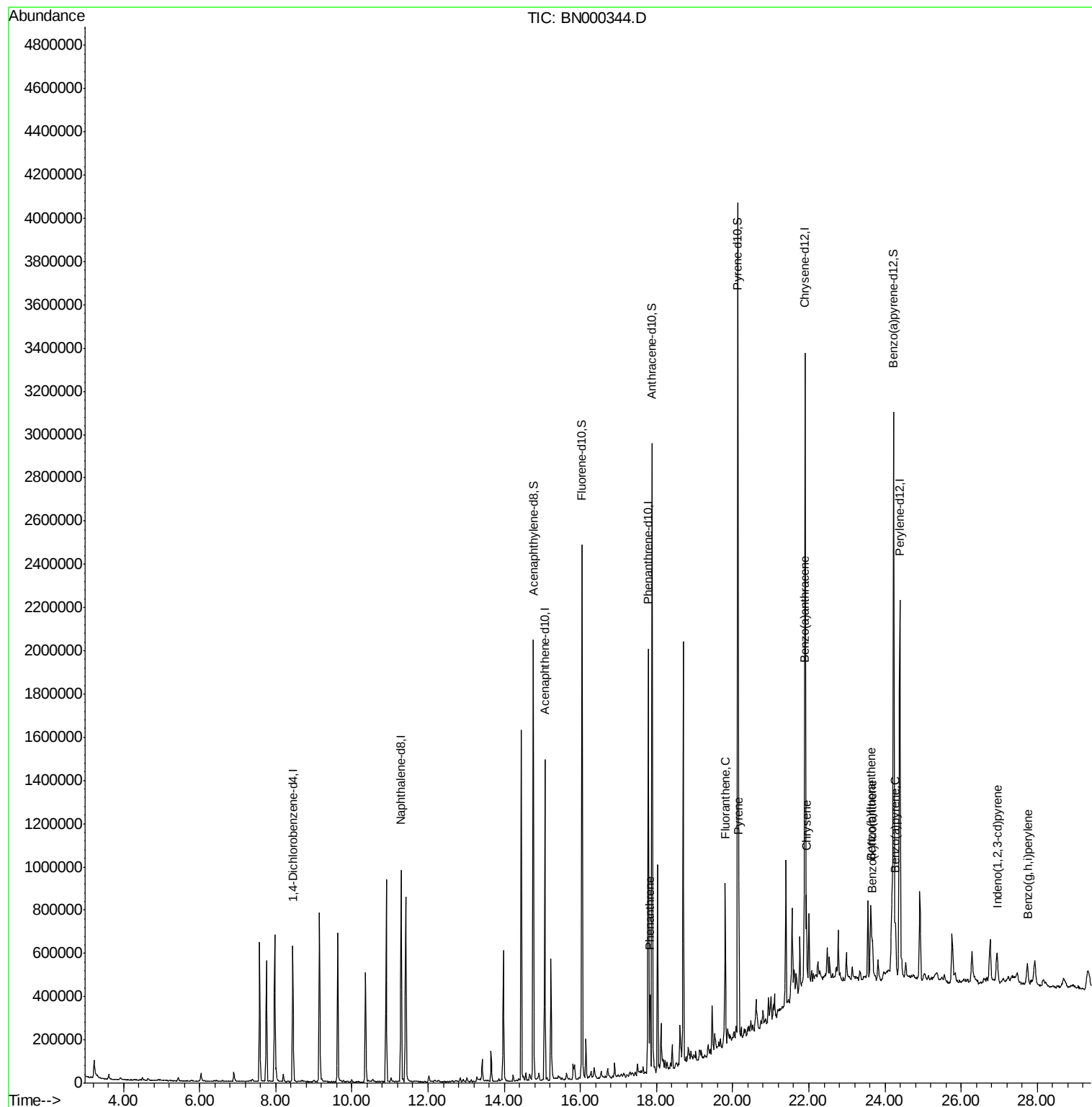
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
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ALS Vial : 8 Sample Multiplier: 1

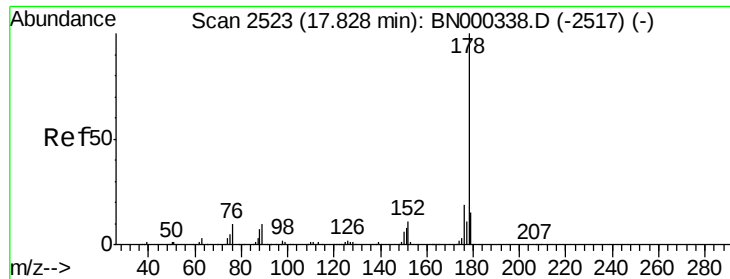
Instrument :
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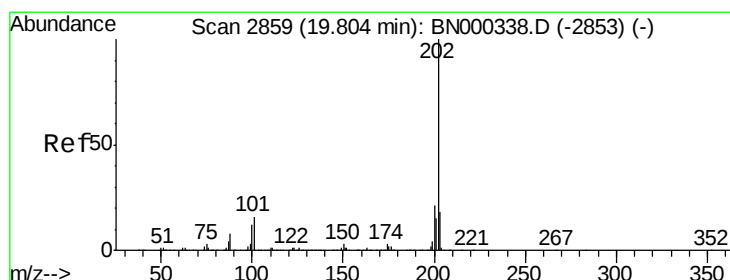
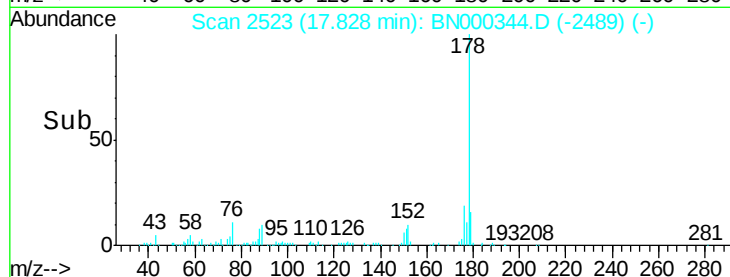
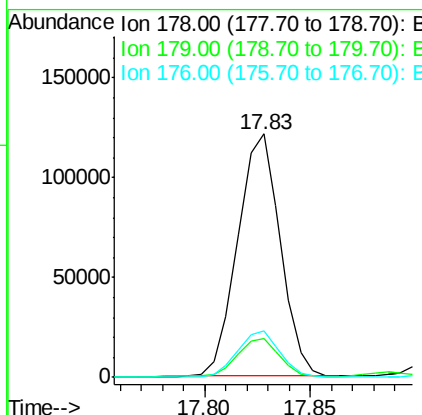
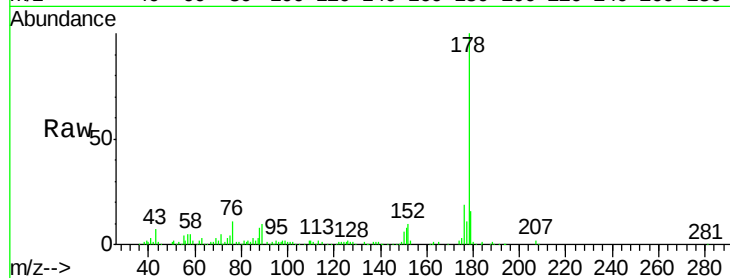
#13
Phenanthrene
Concen: 2.767 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

Instrument :
BNA_N
ClientSampleId :
DAM97

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.2	15.1	22.7

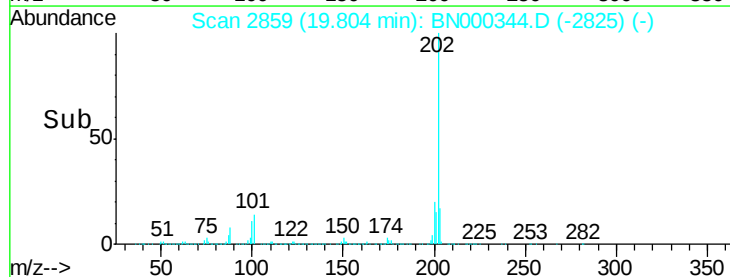
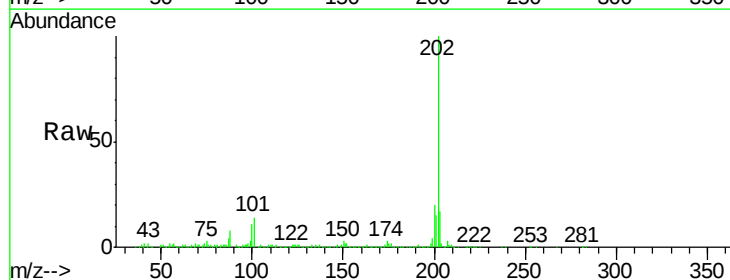
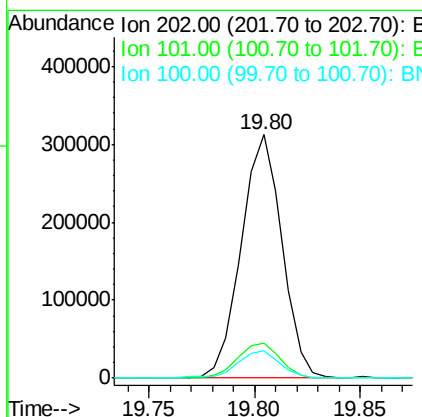
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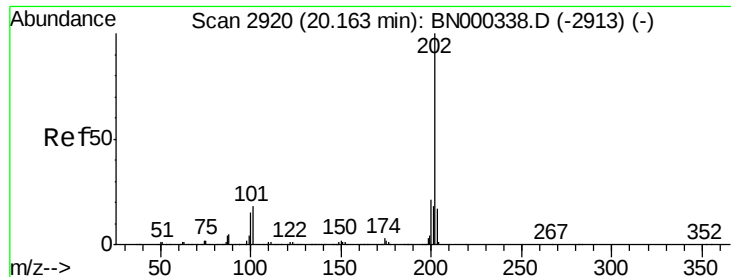
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#16
Fluoranthene
Concen: 6.271 ng/ul
RT: 19.80 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.9	14.9
100	11.2	7.4	11.0





#19

Pvrene

Concen: 4.652 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

Instrument :

BNA_N

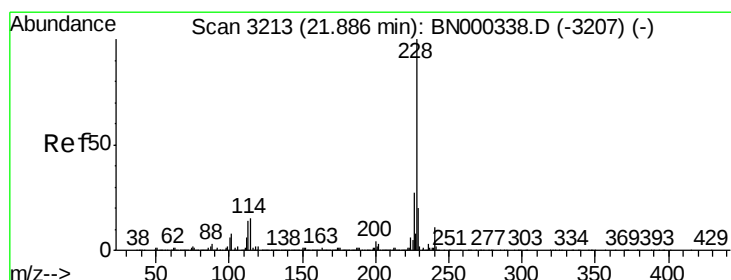
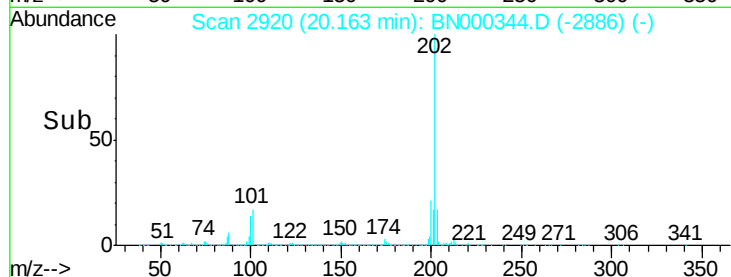
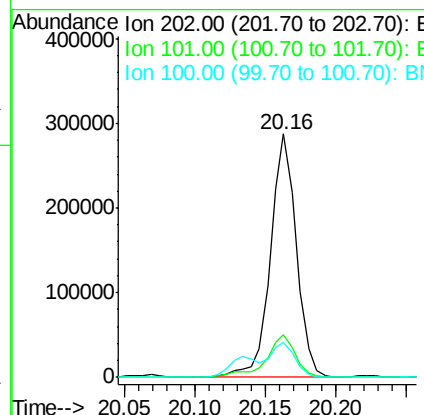
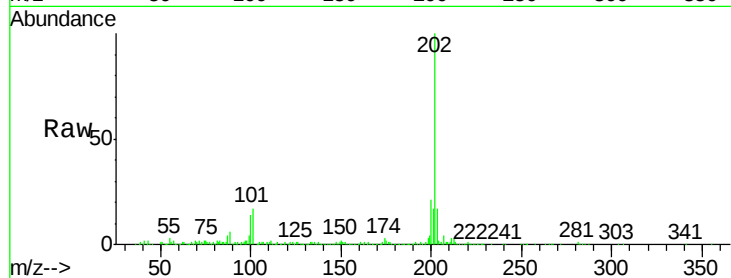
ClientSampleId :

DAM97

Tot Ion:	202	Resp:	368063
Ion Ratio	Lower	Upper	
202	100		
101	17.4	11.0	16.4#
100	14.2	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 2.720 ng/ul m

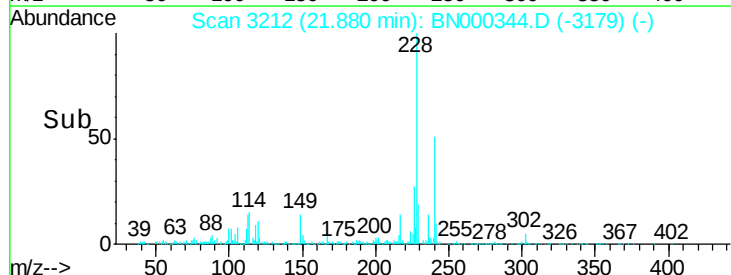
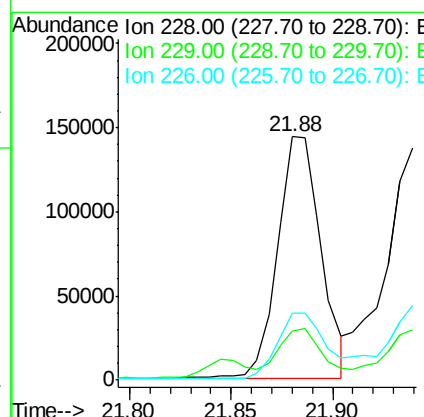
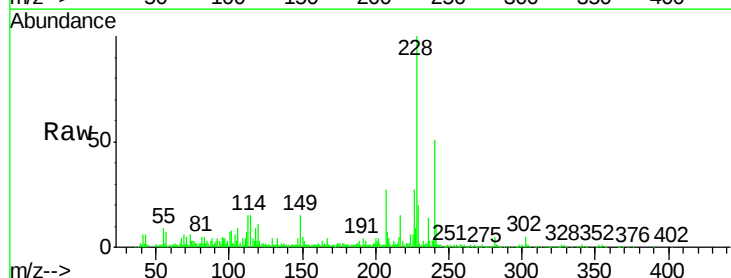
RT: 21.88 min Scan# 3212

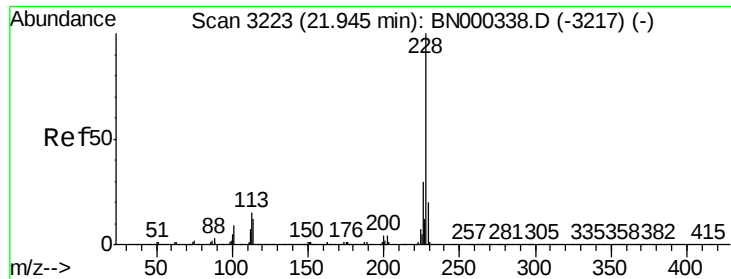
Delta R.T. -0.01 min

Lab File: BN000344.D

Acq: 13 Mar 2018 12:22

Tgt Ion:	228	Resp:	211905
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.7	23.5
226	27.3	21.1	31.7





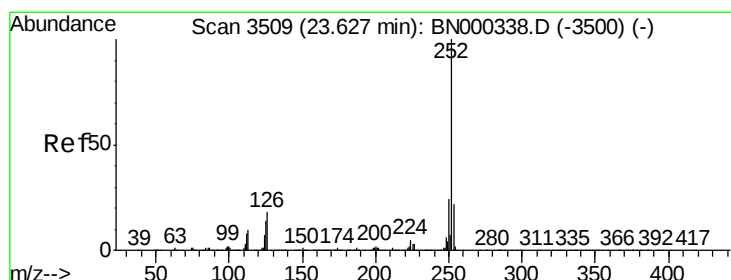
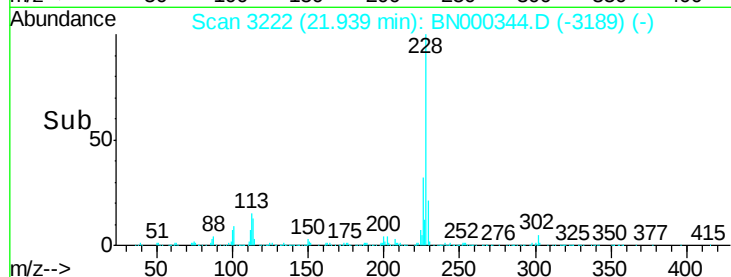
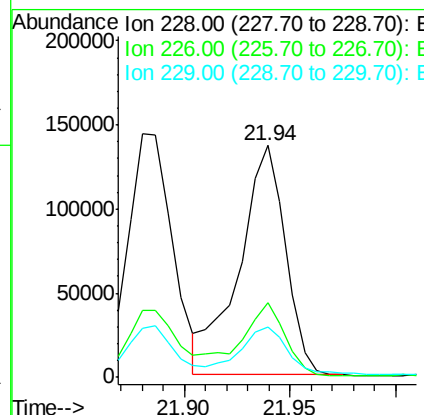
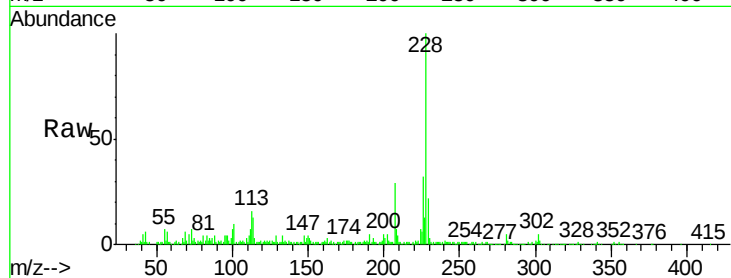
#21
Chrysene
Concen: 2.804 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

Instrument :
BNA_N
ClientSampled :
DAM97

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.5	36.7
229	21.9	15.8	23.8

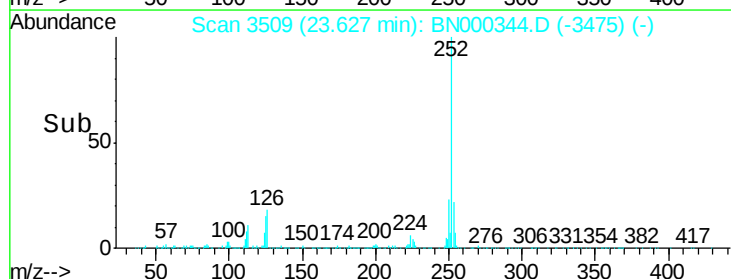
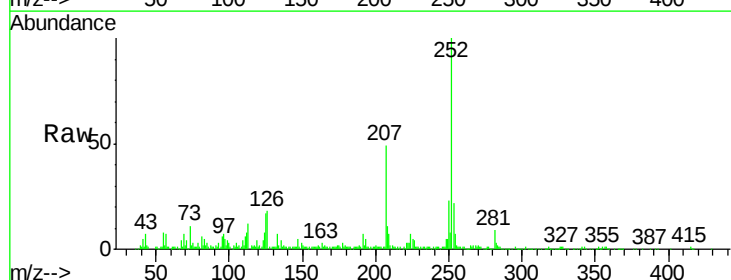
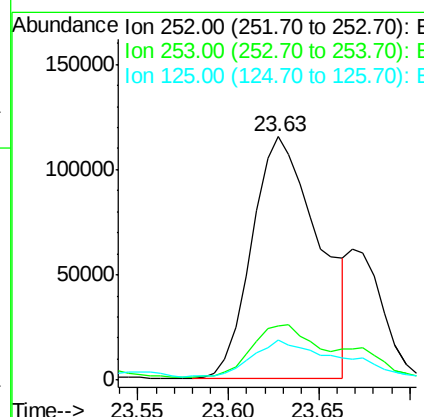
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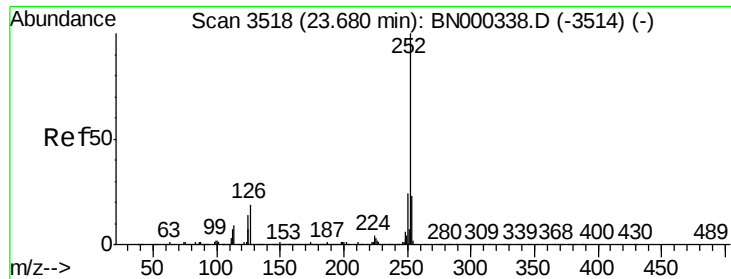
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#23
Benzo(b)fluoranthene
Concen: 3.974 ng/ul
RT: 23.63 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	16.5	8.0	12.0





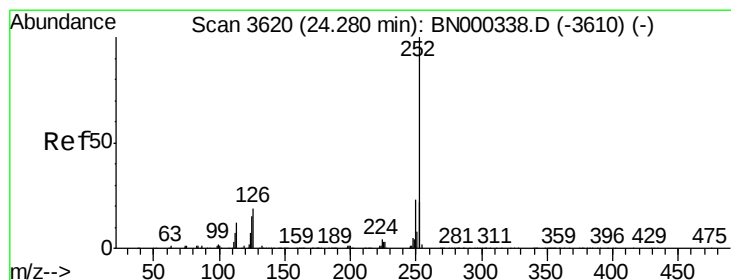
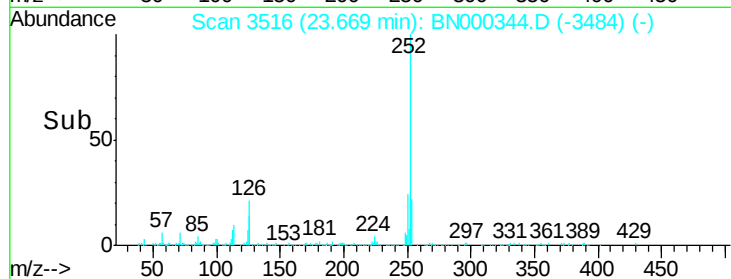
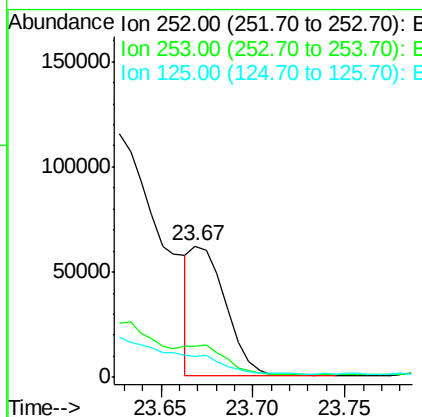
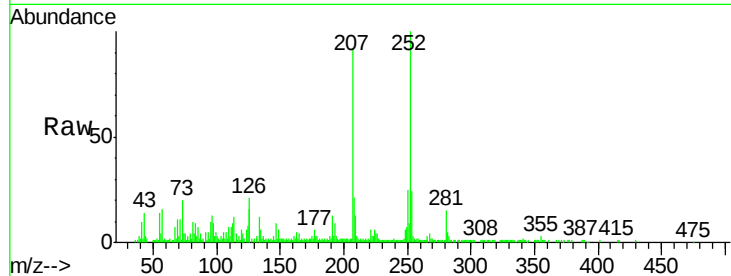
#24
Benzo(k)fluoranthene
Concen: 1.163 ng/ul m
RT: 23.67 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

Instrument :
BNA_N
ClientSampleId :
DAM97

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	16.4	8.1	12.1

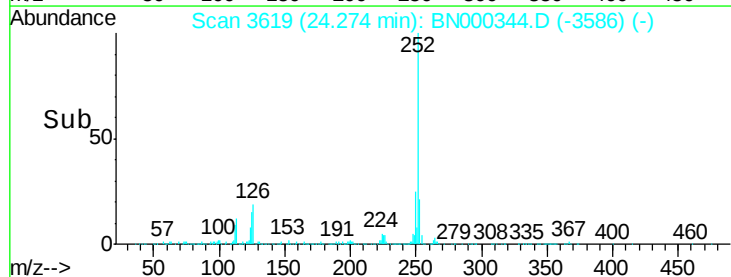
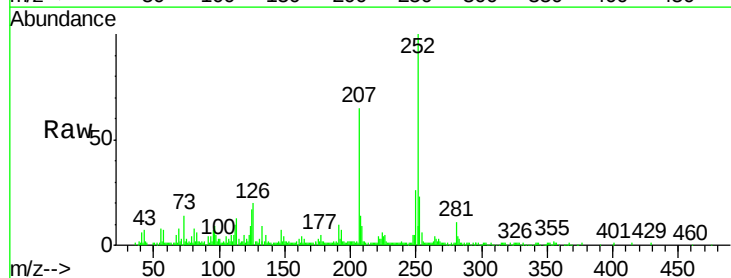
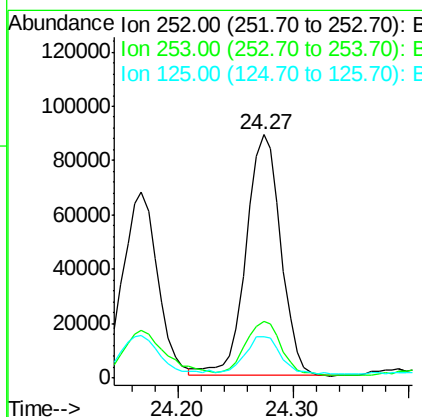
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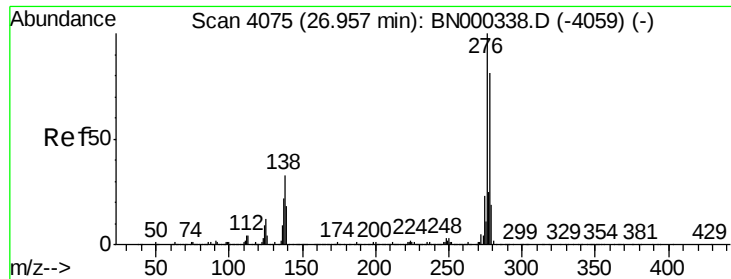
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#26
Benzo(a)pyrene
Concen: 2.647 ng/ul
RT: 24.27 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BN000344.D
Acq: 13 Mar 2018 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	17.2	8.2	12.4





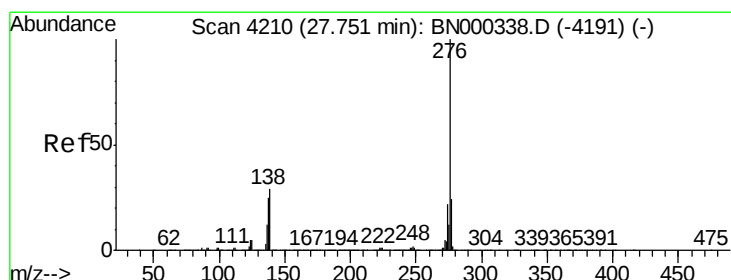
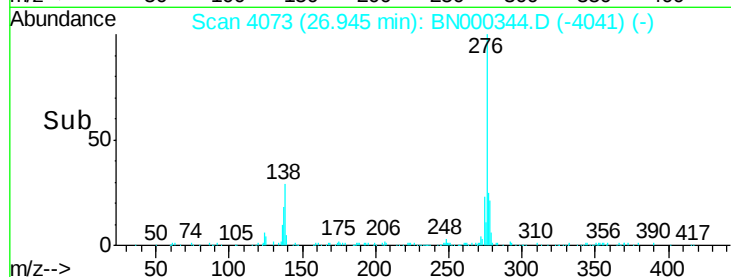
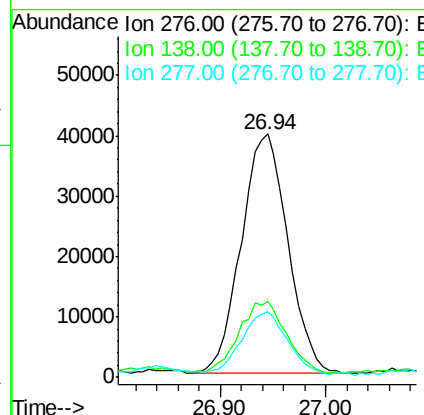
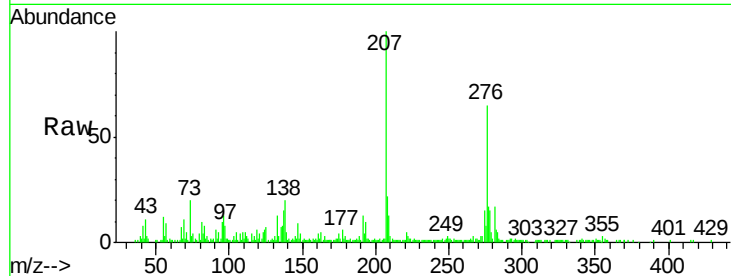
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.593 ng/ul
 RT: 26.94 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BN000344.D
 Acq: 13 Mar 2018 12:22

Instrument :
 BNA_N
 ClientSampled :
 DAM97

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.3	14.4	21.6#
277	26.7	18.0	27.0

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#29
 Benzo(g,h,i)perylene
 Concen: 1.930 ng/ul
 RT: 27.74 min Scan# 4208
 Delta R.T. -0.01 min
 Lab File: BN000344.D
 Acq: 13 Mar 2018 12:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	15.3	22.9#
277	24.4	19.0	28.4

