

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000358.D
 Acq On : 13 Mar 2018 20:27
 Operator : JU/SJ
 Sample : J1845-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM92

Manual Integrations
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 3/14/2018 5:46:22 PM

Quant Time: Mar 14 08:35:06 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	193665	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	935120	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	534620	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1218495	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1238131	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1152419	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1605017	30.25	ng/ul	0.00
10) Fluorene-d10	16.05	176	1060649	29.52	ng/ul	0.00
14) Anthracene-d10	17.89	188	1724894	30.30	ng/ul	0.00
18) Pyrene-d10	20.14	212	1975423	32.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1583509	30.09	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.79	152	114453	2.146	ng/ul	99
13) Phenanthrene	17.83	178	543145	7.773	ng/ul	99
15) Anthracene	17.92	178	101890	1.437	ng/ul	98
16) Fluoranthene	19.80	202	1161057	15.378	ng/ul#	93
19) Pyrene	20.16	202	968437	12.389	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	419137	5.445	ng/ul	97
21) Chrysene	21.94	228	464065m	6.353	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	724002	10.536	ng/ul#	95
24) Benzo(k)fluoranthene	23.67	252	170007m	2.643	ng/ul	
26) Benzo(a)pyrene	24.28	252	473796	7.244	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.95	276	390044	5.531	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.95	278	84962	1.470	ng/ul#	84
29) Benzo(a,h,i)perylene	27.74	276	425766	7.231	ng/ul#	88

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

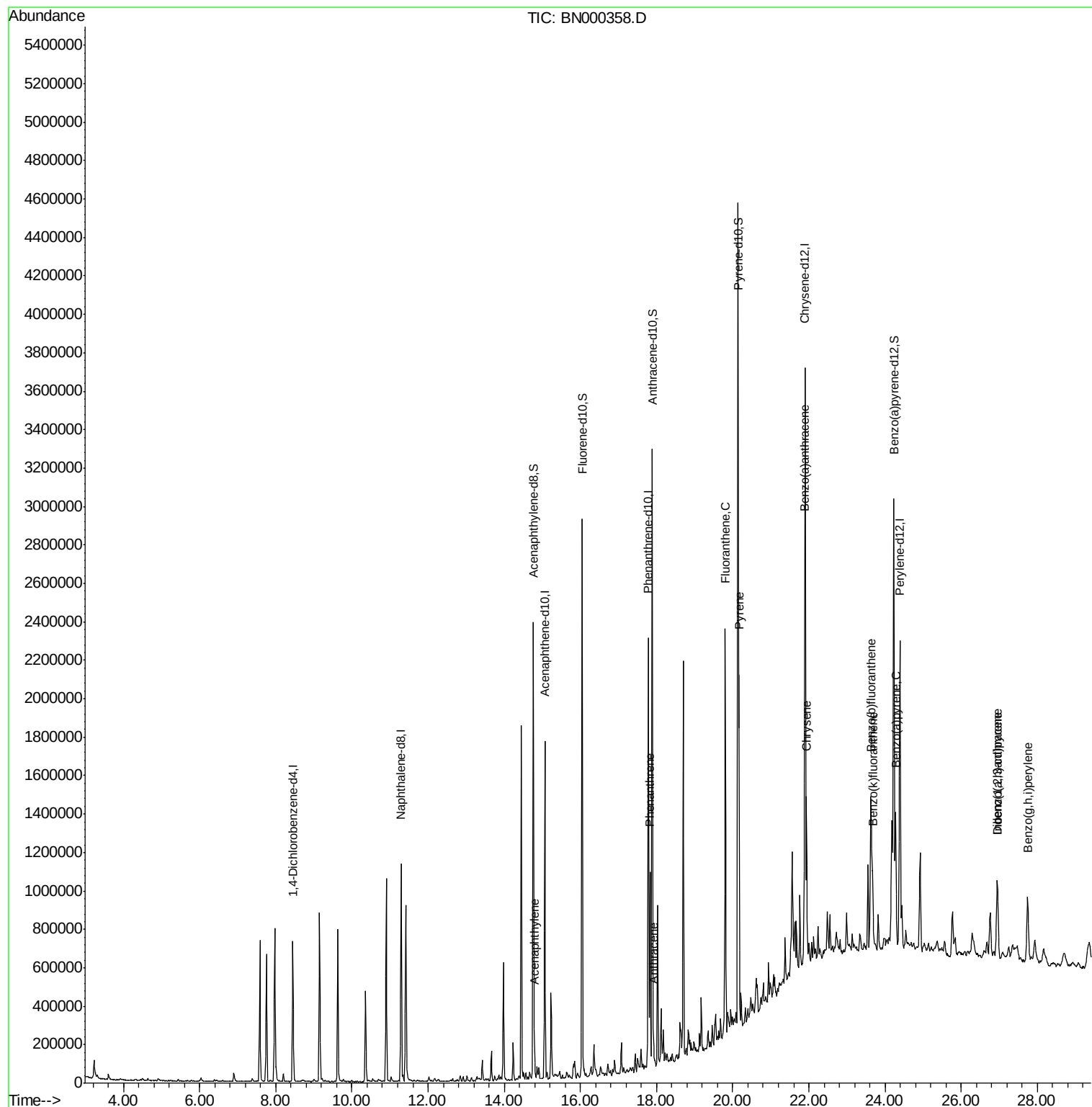
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000358.D
Acq On : 13 Mar 2018 20:27
Operator : JU/SJ
Sample : J1845-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

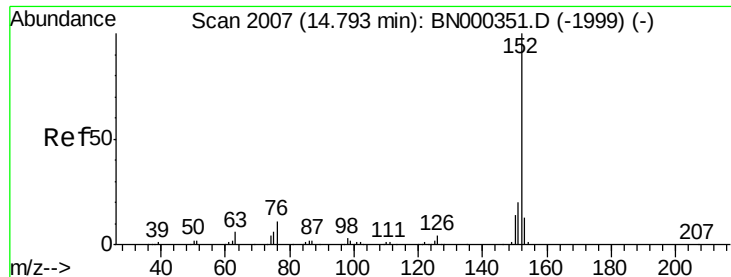
Instrument :
BNA_N
ClientSampled :
DAM92

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Quant Time: Mar 14 08:35:06 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 2.146 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

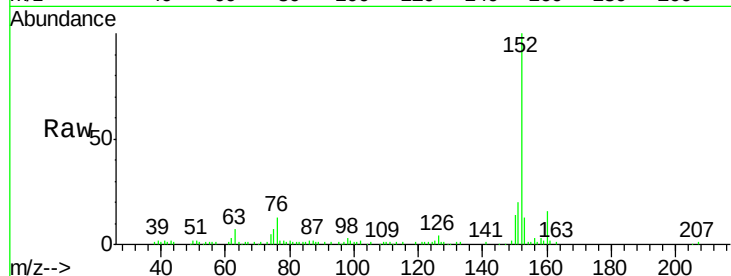
ClientSampled :

DAM92

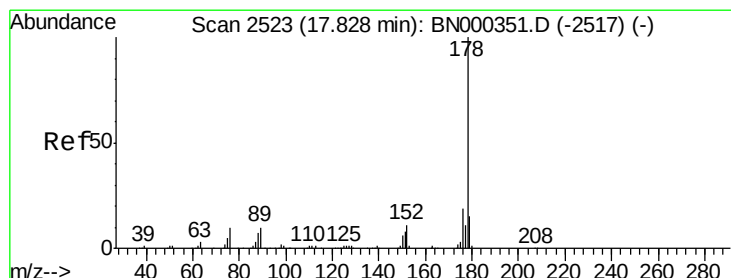
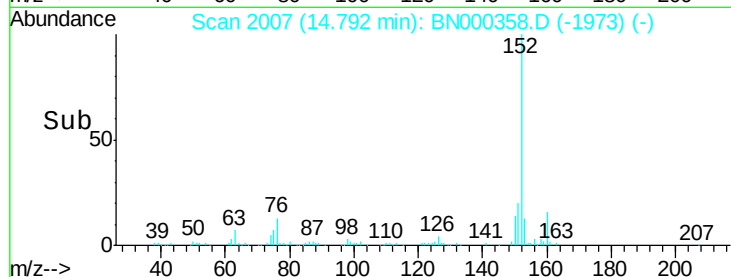
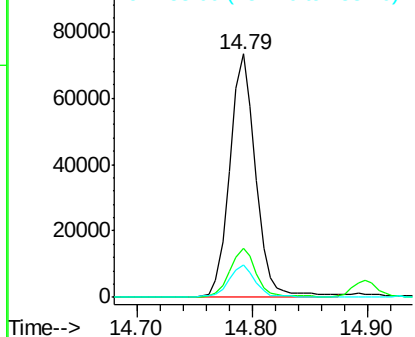
Tot Ion:	152	Resp:	114453
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.7	25.1
153	13.1	10.2	15.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 7.773 ng/ul

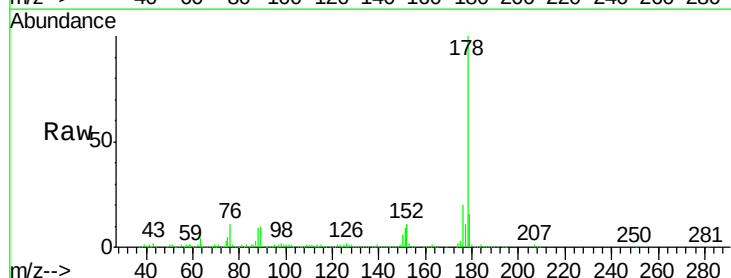
RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

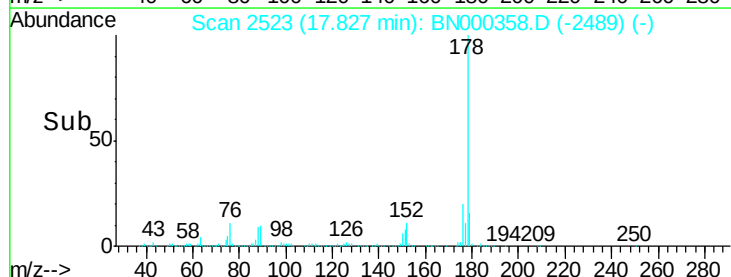
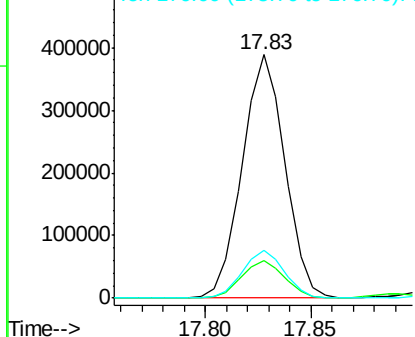
Lab File: BN000358.D

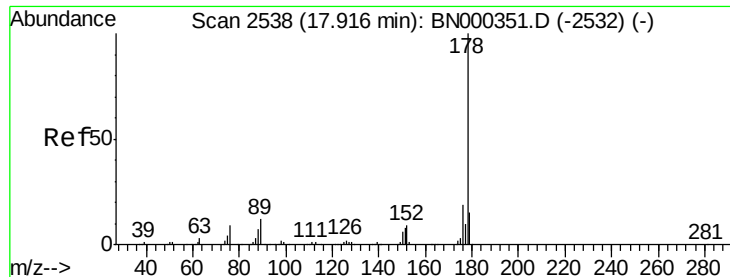
Acq: 13 Mar 2018 20:27

Tgt Ion:	178	Resp:	543145
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.8	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





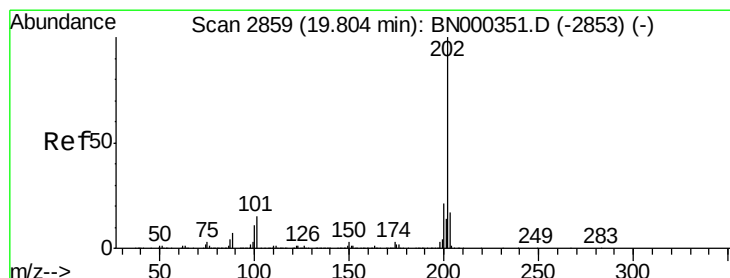
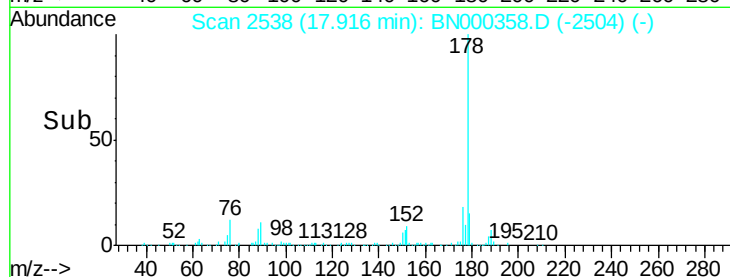
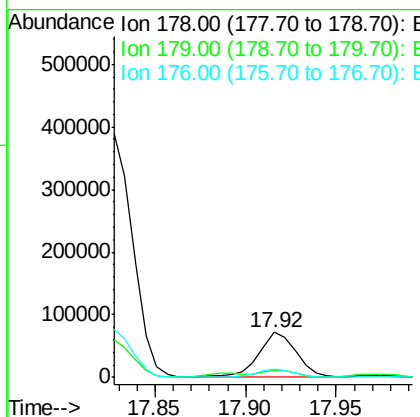
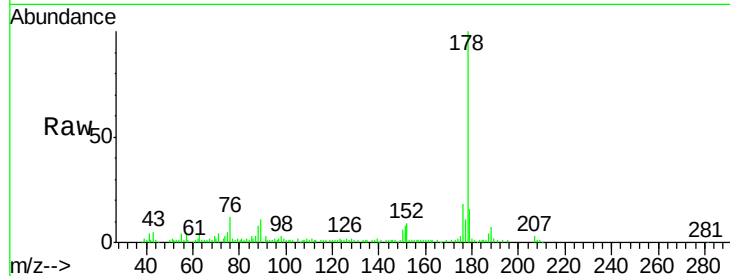
#15
 Anthracene
 Concen: 1.437 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN000358.D
 Acq: 13 Mar 2018 20:27

Instrument :
 BNA_N
 ClientSampled :
 DAM92

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.8	17.8
176	18.0	15.2	22.8

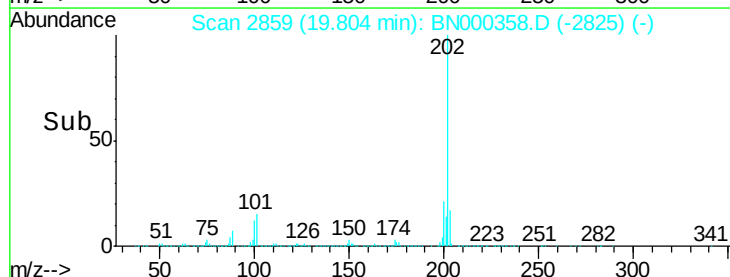
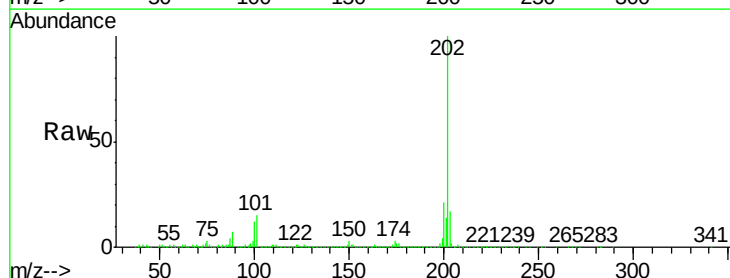
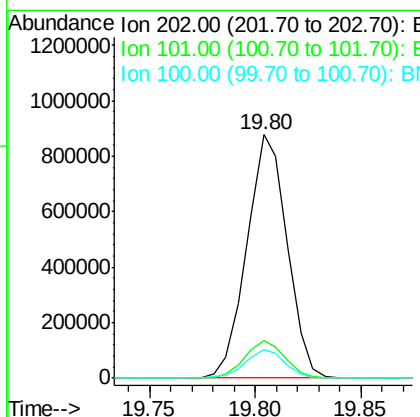
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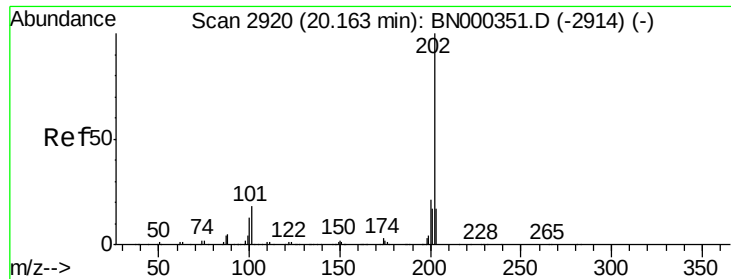
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#16
 Fluoranthene
 Concen: 15.378 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000358.D
 Acq: 13 Mar 2018 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.6	7.4	11.0#





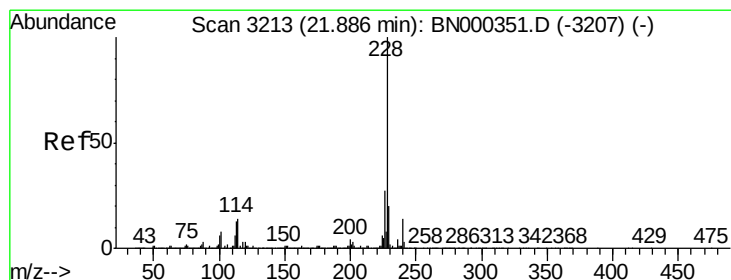
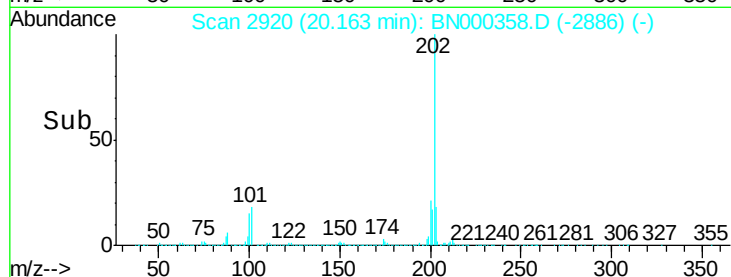
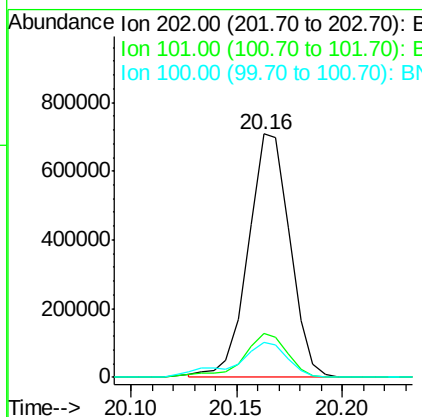
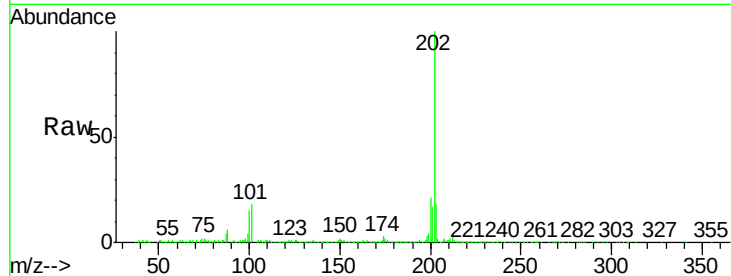
#19
 Pvrene
 Concen: 12.389 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BN000358.D
 Acq: 13 Mar 2018 20:27

Instrument :
 BNA_N
 ClientSampleId :
 DAM92

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.9	11.0	16.4#
100	14.5	8.1	12.1#

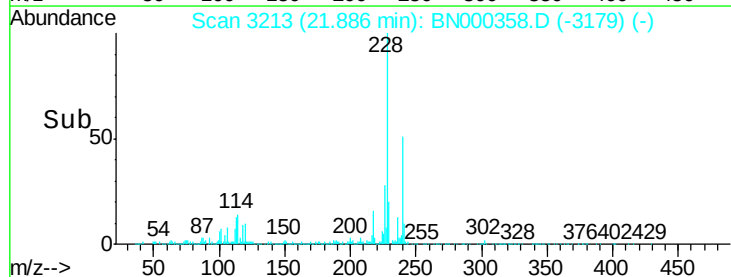
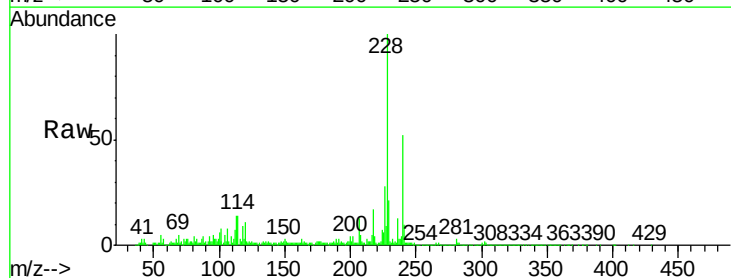
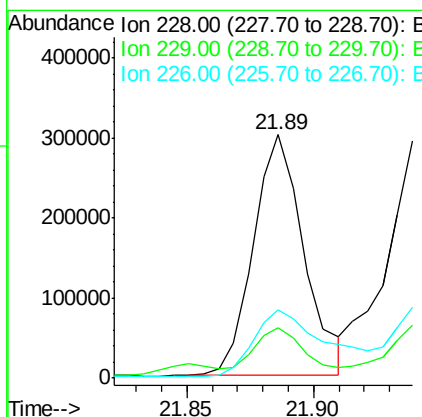
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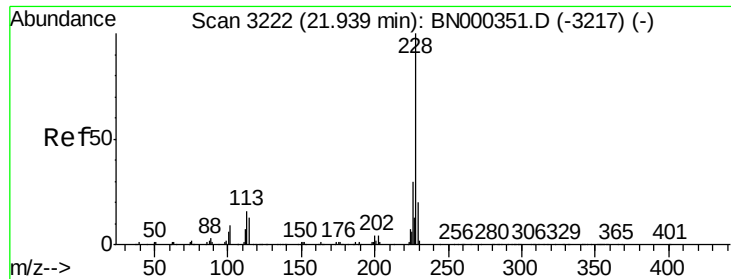
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#20
 Benzo(a)anthracene
 Concen: 5.445 ng/ul
 RT: 21.89 min Scan# 3213
 Delta R.T. -0.00 min
 Lab File: BN000358.D
 Acq: 13 Mar 2018 20:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	15.7	23.5
226	28.2	21.1	31.7





#21

Chrysene

Concen: 6.353 ng/ul m

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

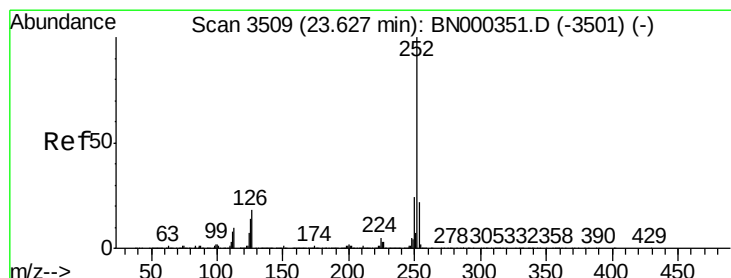
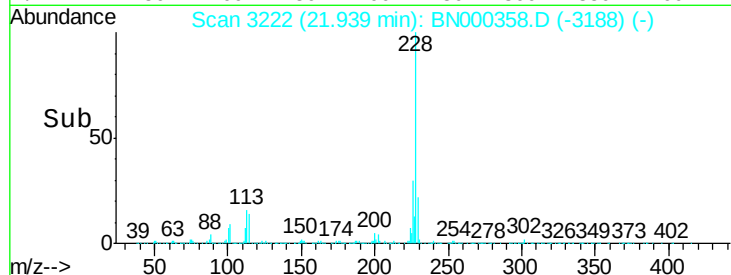
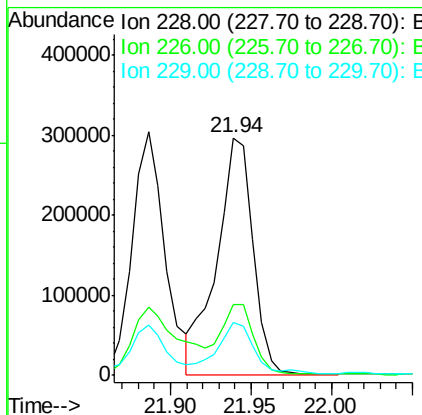
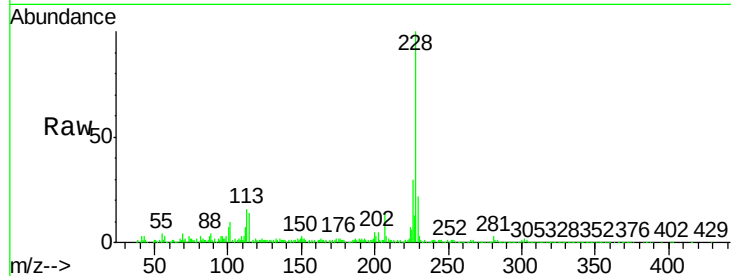
ClientSampled :

DAM92

Tot Ion:	228	Resp:	464065
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.5	36.7
229	22.4	15.8	23.8

Manual Integrations
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#23

Benzo(b)fluoranthene

Concen: 10.536 ng/ul

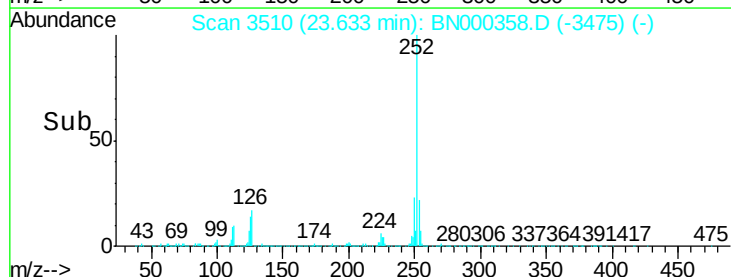
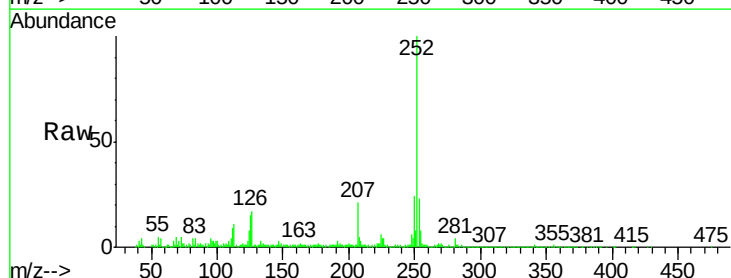
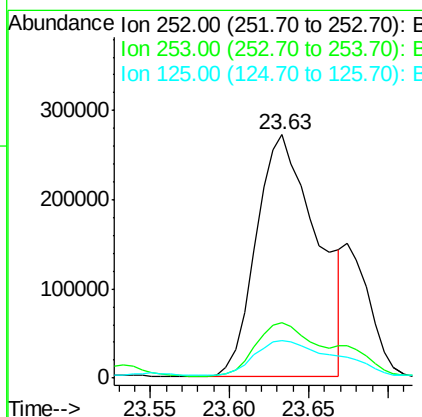
RT: 23.63 min Scan# 3510

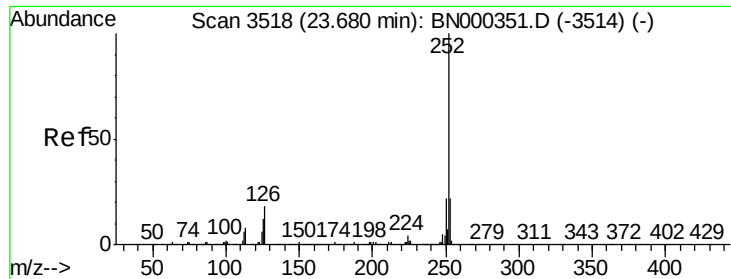
Delta R.T. 0.01 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Tgt Ion:	252	Resp:	724002
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	15.4	8.0	12.0#





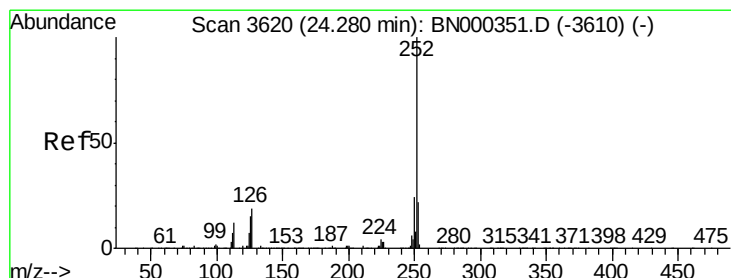
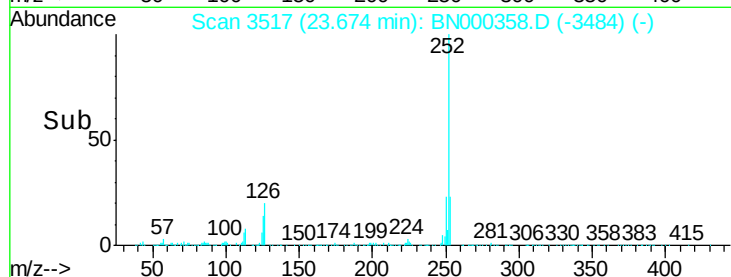
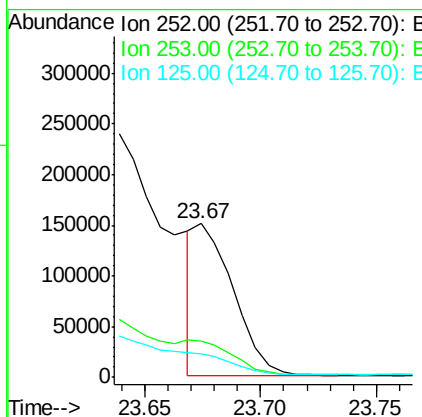
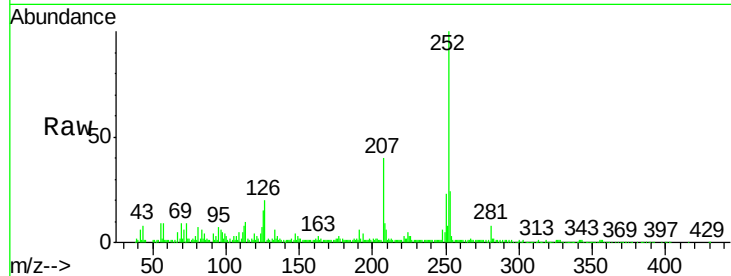
#24
Benzo(k)fluoranthene
Concen: 2.643 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000358.D
Acq: 13 Mar 2018 20:27

Instrument :
BNA_N
ClientSampleId :
DAM92

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	15.2	8.1	12.1

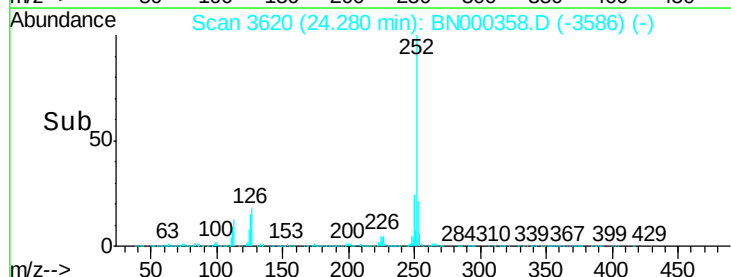
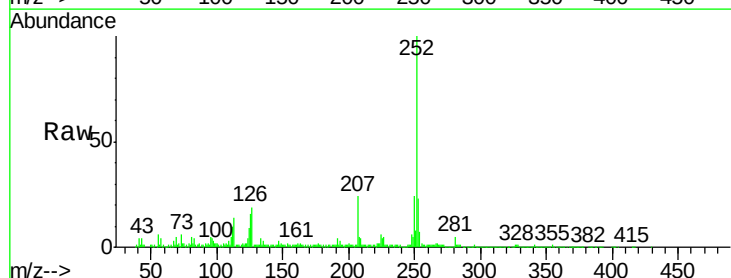
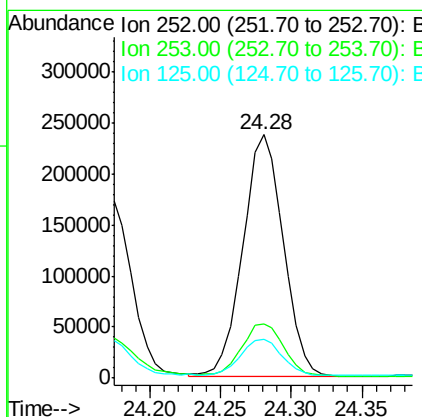
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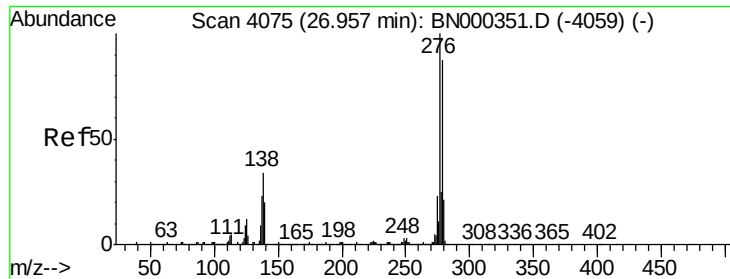
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#26
Benzo(a)pyrene
Concen: 7.244 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000358.D
Acq: 13 Mar 2018 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	16.2	8.2	12.4





#27

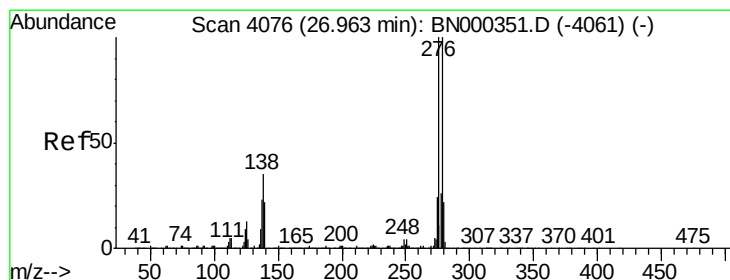
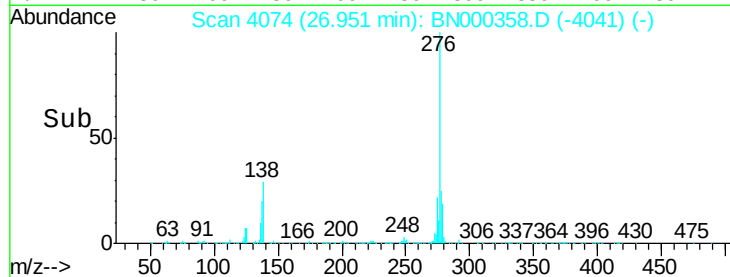
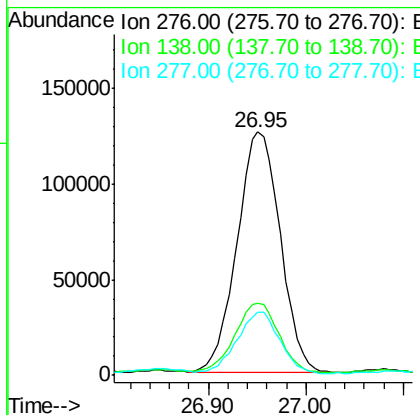
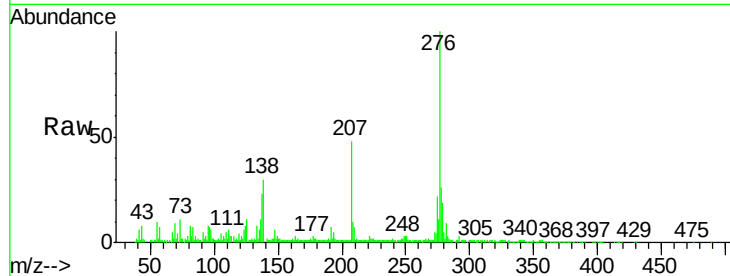
Indeno(1,2,3-cd)pyrene
Concen: 5.531 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000358.D
Acq: 13 Mar 2018 20:27

Instrument :
BNA_N
ClientSampled :
DAM92

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	14.4	21.6#
277	25.7	18.0	27.0

Manual Integrations
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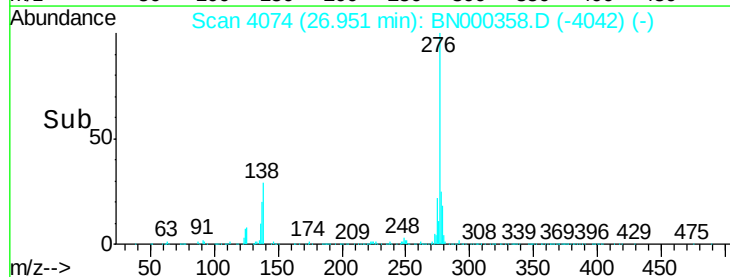
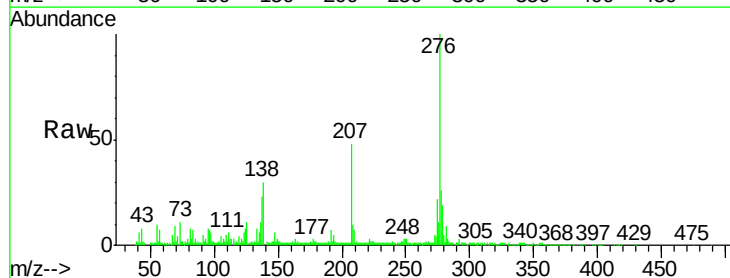
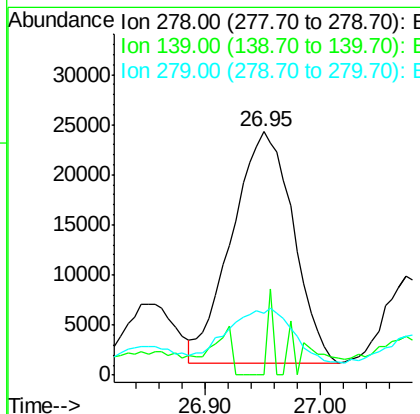
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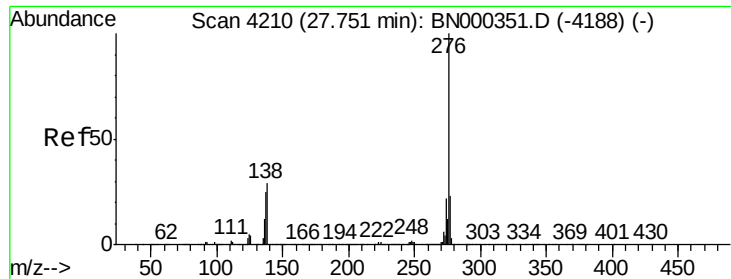


#28

Dibenzo(a,h)anthracene
Concen: 1.470 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000358.D
Acq: 13 Mar 2018 20:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	25.4	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 7.231 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

ClientSampleId :

DAM92

Tot Ion:	276	Resp:	425766
Ion Ratio	Lower	Upper	
276	100		
138	29.8	15.3	22.9#
277	24.6	19.0	28.4

Manual Integrations
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3/14/2018 5:46:22 PM

