

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000348.D
 Acq On : 13 Mar 2018 14:40
 Operator : JU/SJ
 Sample : J1845-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD0

Manual Integrations
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Quant Time: Mar 14 07:22:26 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	194806	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	928022	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	535114	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1215191	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1400071	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1338134	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1781467	33.54	ng/ul	0.00
10) Fluorene-d10	16.05	176	1166696	32.44	ng/ul	0.00
14) Anthracene-d10	17.88	188	1885832	33.21	ng/ul	0.00
18) Pyrene-d10	20.13	212	2197643	32.09	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2047822	33.51	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthylene	14.79	152	102857	1.927	ng/ul	98
13) Phenanthrene	17.83	178	334224	4.796	ng/ul	99
15) Anthracene	17.92	178	96887	1.370	ng/ul	100
16) Fluoranthene	19.80	202	1013521	13.460	ng/ul#	94
19) Pyrene	20.16	202	894333	10.118	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	567528	6.520	ng/ul	96
21) Chrysene	21.94	228	565777	6.850	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	839741	10.524	ng/ul#	94
24) Benzo(k)fluoranthene	23.67	252	230364m	3.084	ng/ul	
26) Benzo(a)pyrene	24.27	252	511097	6.730	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.94	276	353192	4.313	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.94	278	94318	1.405	ng/ul#	78
29) Benzo(a,h,i)perylene	27.74	276	355654	5.202	ng/ul#	89

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

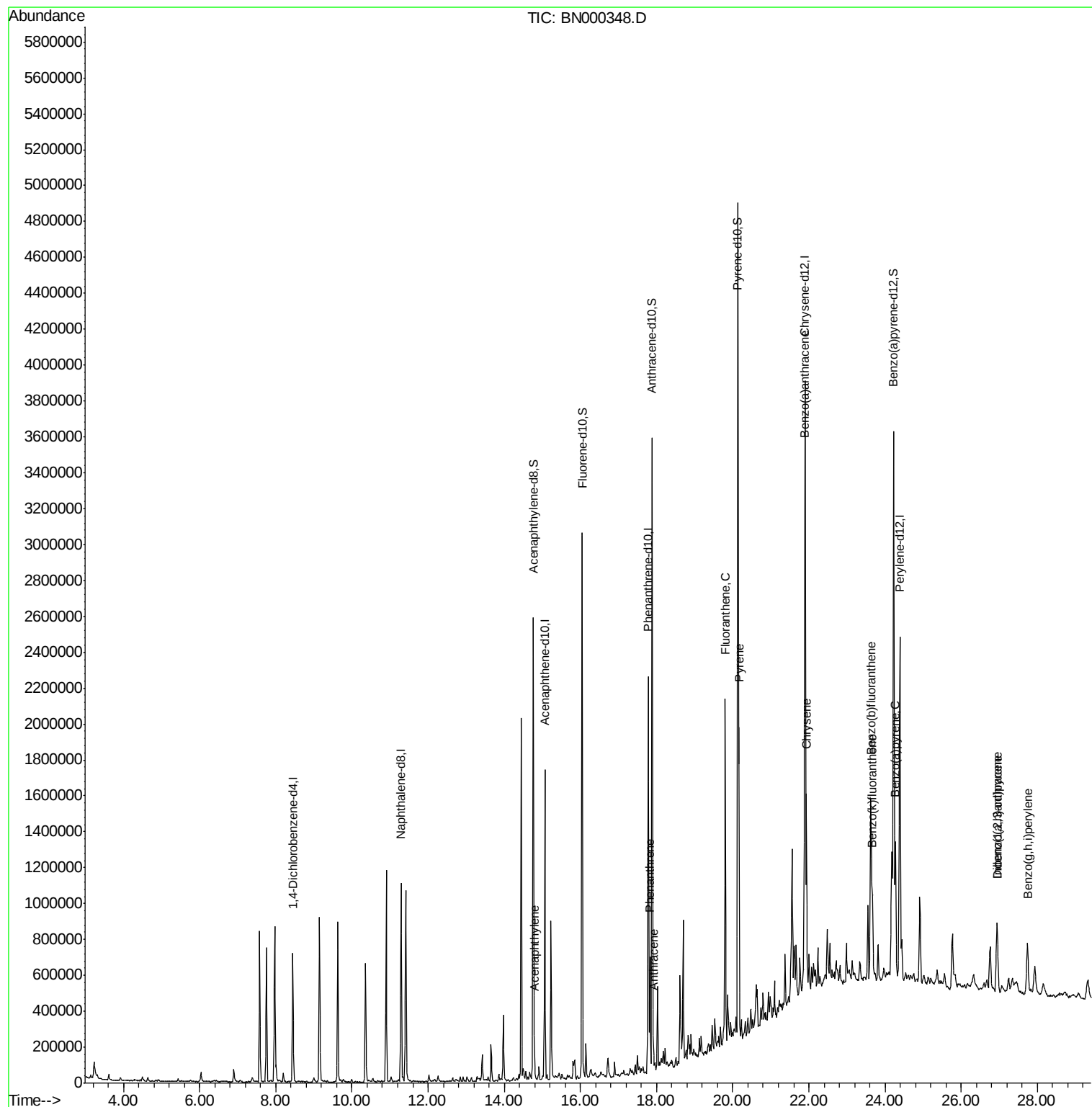
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000348.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

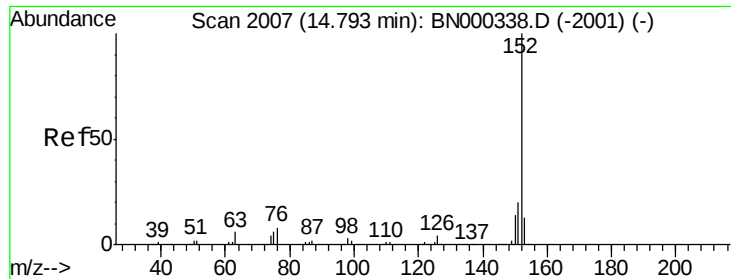
Instrument :
BNA_N
ClientSampled :
DAMD0

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Quant Time: Mar 14 07:22:26 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





#8

Acenaphthylene

Concen: 1.927 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

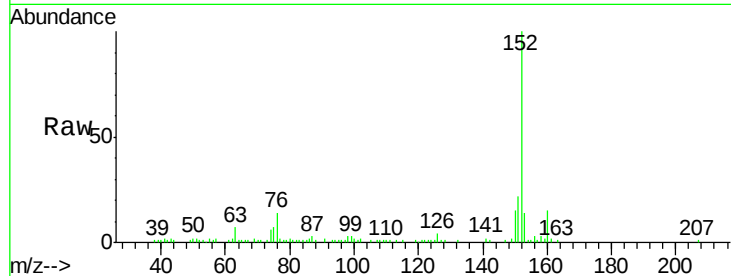
ClientSampleId :

DAMD0

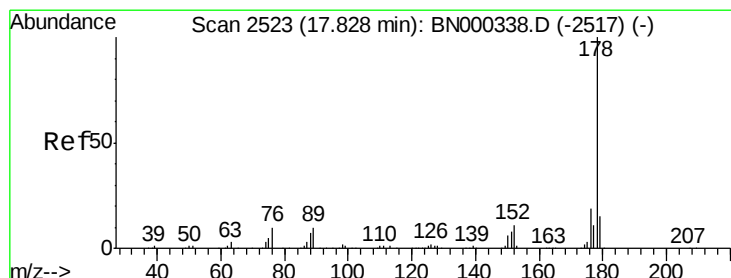
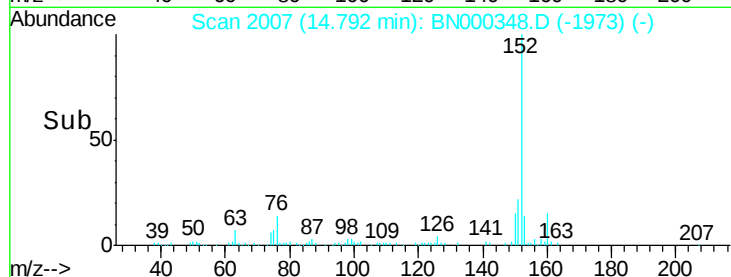
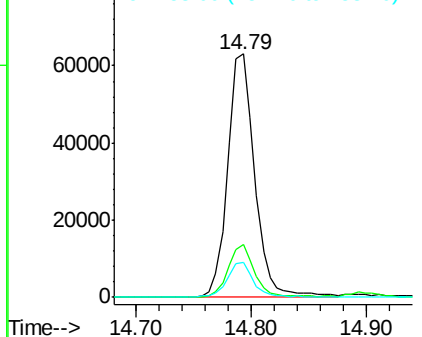
Tot Ion:	152	Resp:	102857
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.7	25.1
153	14.4	10.2	15.4

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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: 4.796 ng/ul

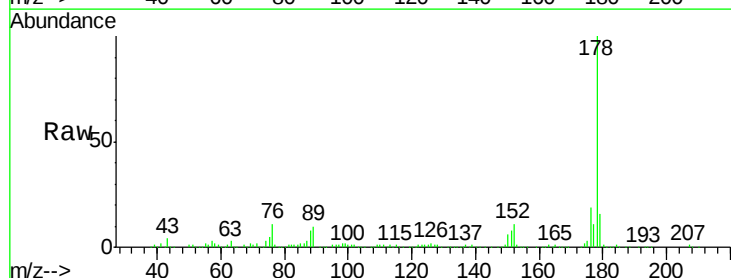
RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

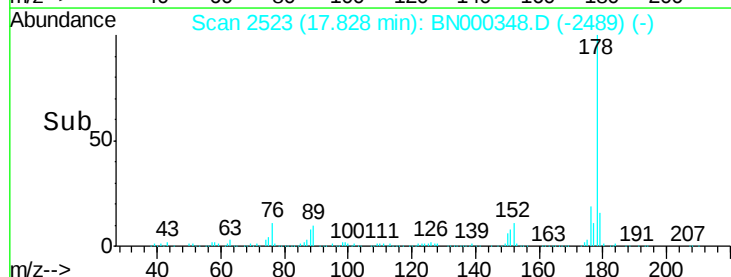
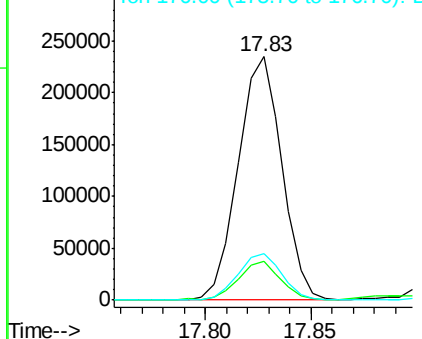
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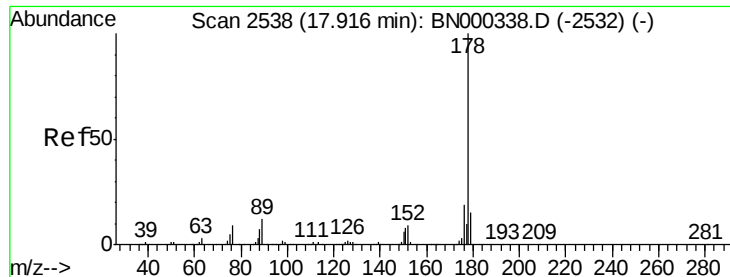
Acq: 13 Mar 2018 14:40

Tgt Ion:	178	Resp:	334224
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.2	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





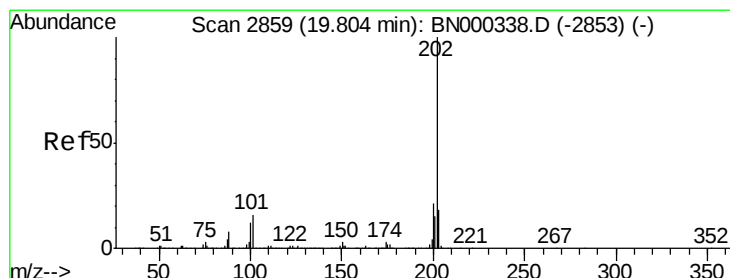
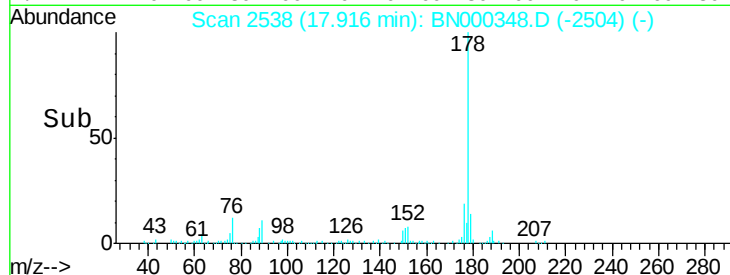
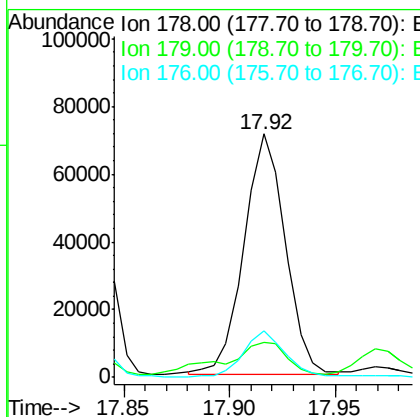
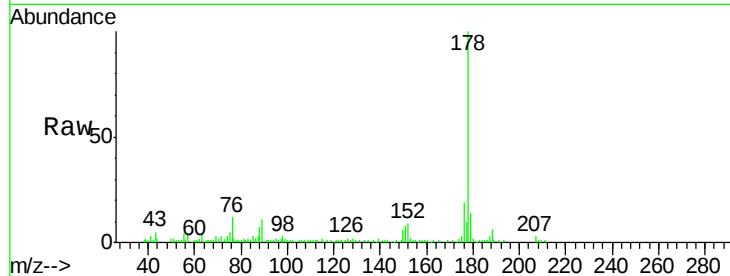
#15
 Anthracene
 Concen: 1.370 ng/ul
 RT: 17.92 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BN000348.D
 Acq: 13 Mar 2018 14:40

Instrument :
 BNA_N
 ClientSampled :
 DAMD0

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.8	17.8
176	19.0	15.2	22.8

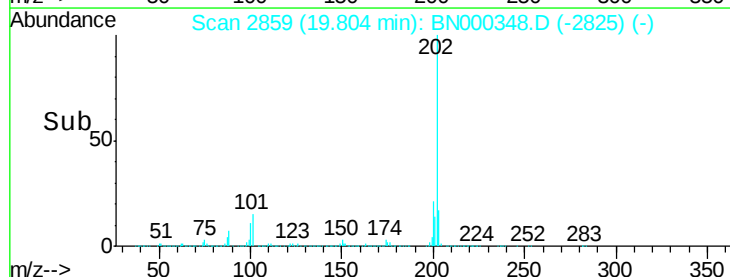
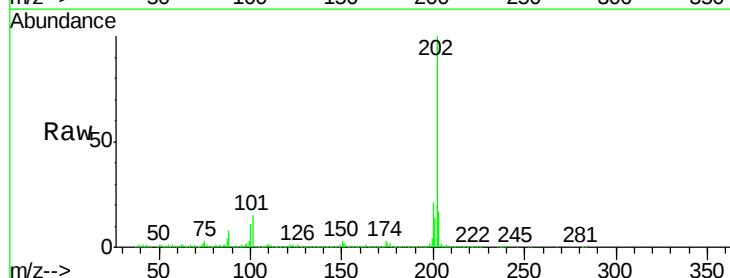
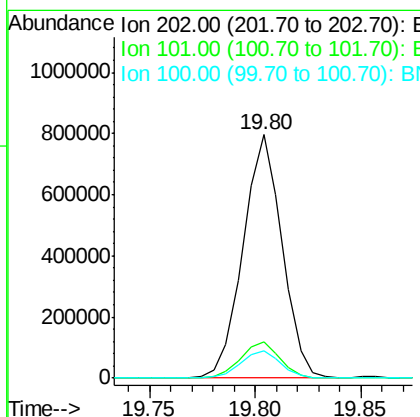
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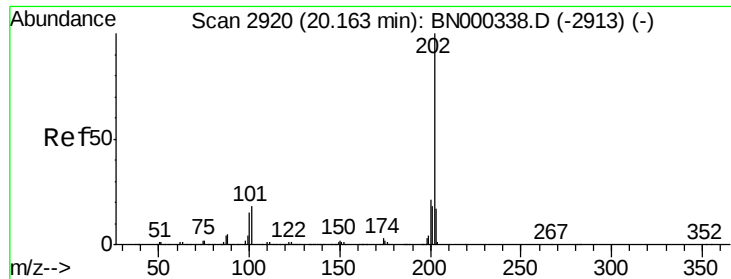
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#16
 Fluoranthene
 Concen: 13.460 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000348.D
 Acq: 13 Mar 2018 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9#
100	11.4	7.4	11.0#





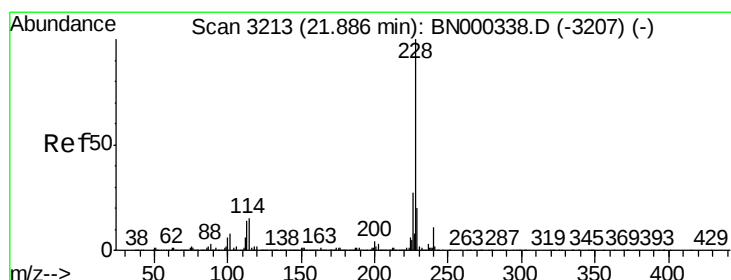
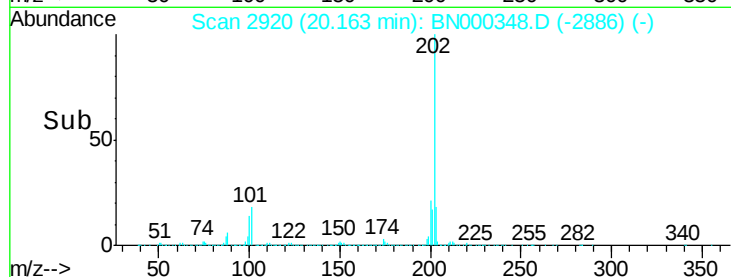
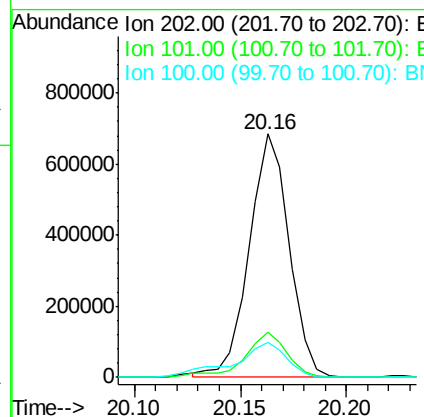
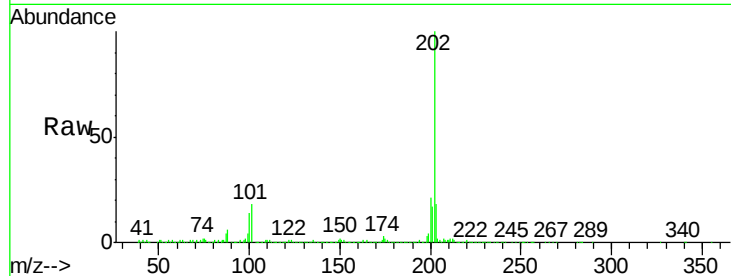
#19
Pvrene
Concen: 10.118 ng/ul
RT: 20.16 min Scan# 2920
Delta R.T. -0.00 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Instrument :
BNA_N
ClientSampleId :
DAMD0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.4	11.0	16.4#
100	14.3	8.1	12.1#

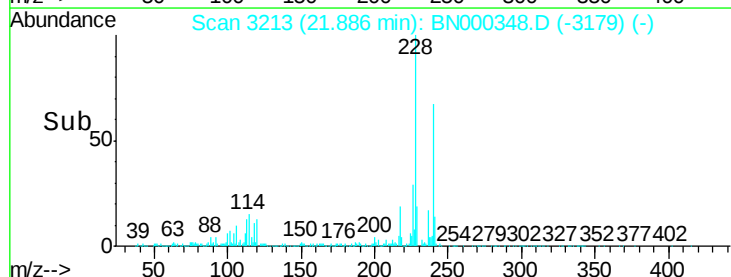
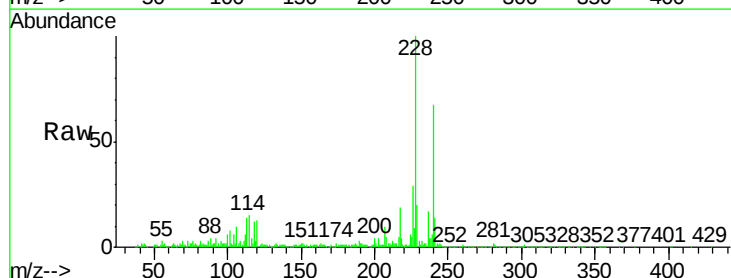
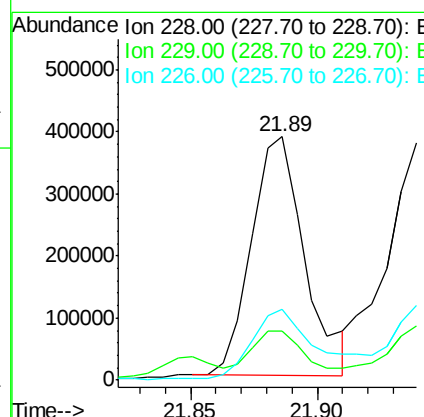
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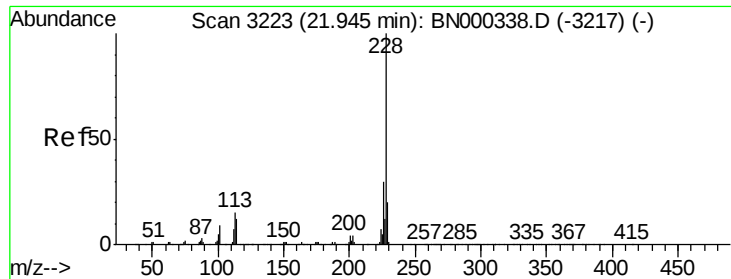
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#20
Benzo(a)anthracene
Concen: 6.520 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.3	15.7	23.5
226	29.2	21.1	31.7





#21

Chrysene

Concen: 6.850 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

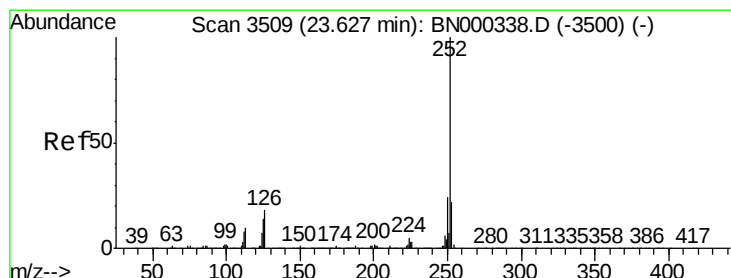
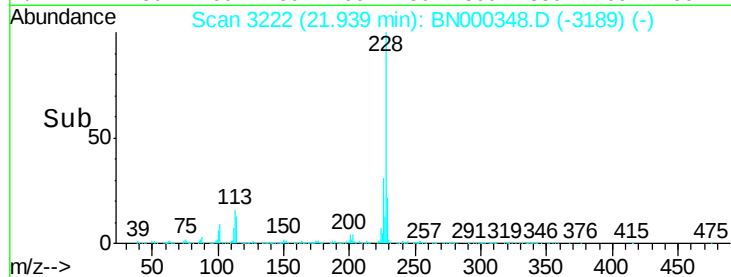
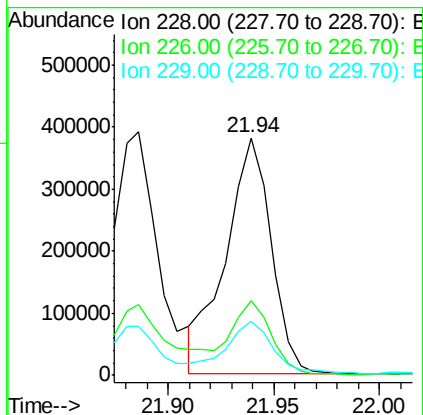
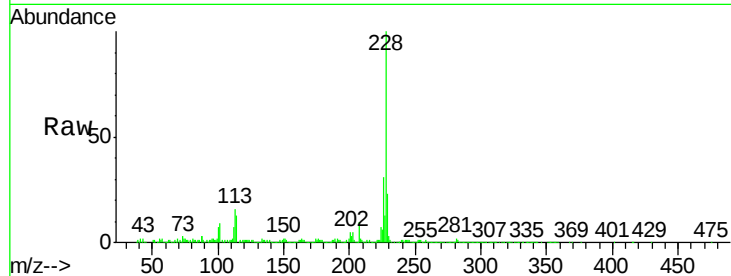
ClientSampled :

DAMD0

Tot Ion:	228	Resp:	565777
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.5	36.7
229	22.6	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 10.524 ng/ul

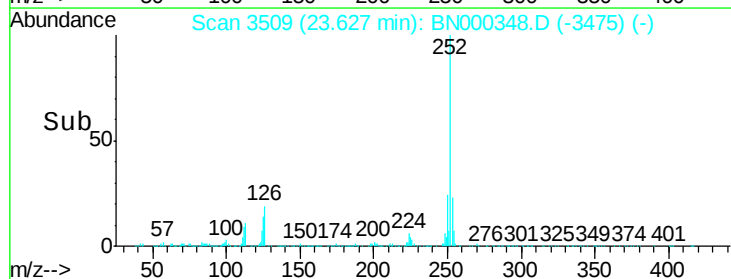
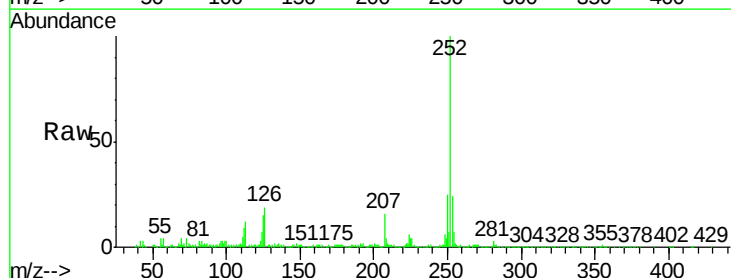
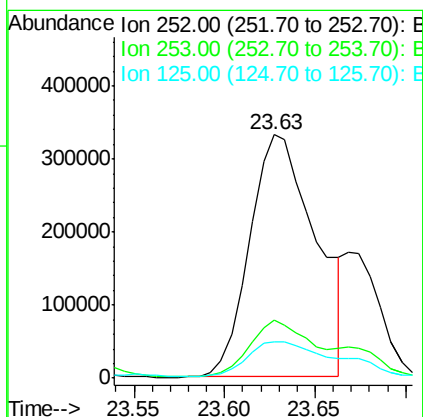
RT: 23.63 min Scan# 3509

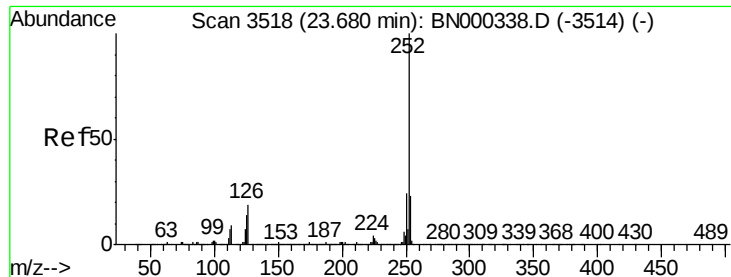
Delta R.T. -0.00 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Tgt Ion:	252	Resp:	839741
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	15.0	8.0	12.0#





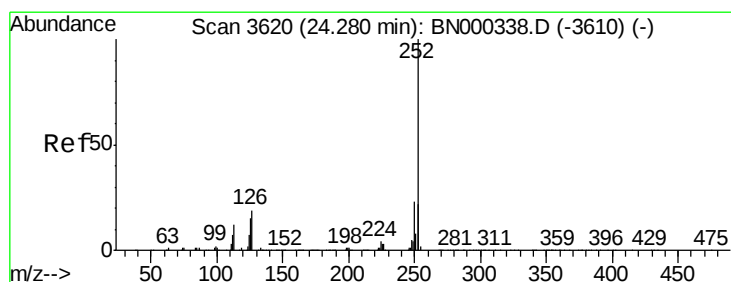
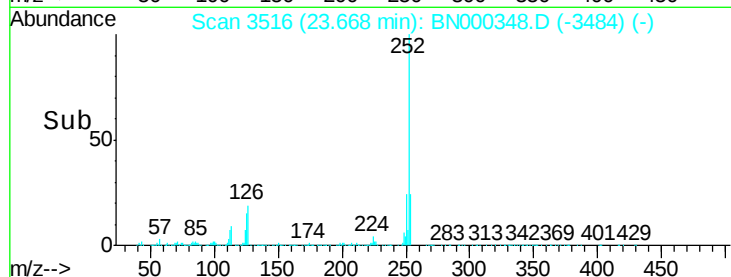
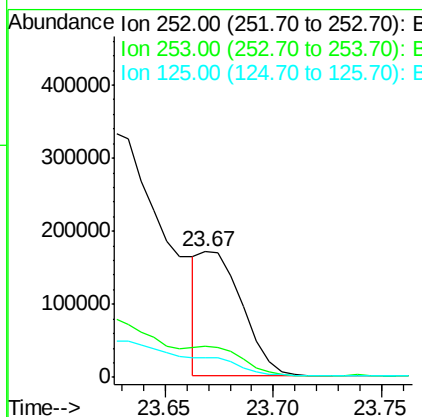
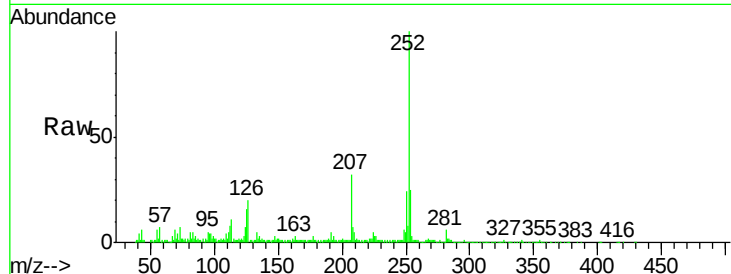
#24
Benzo(k)fluoranthene
Concen: 3.084 ng/ul m
RT: 23.67 min Scan# 3516
Delta R.T. -0.01 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Instrument :
BNA_N
ClientSampled :
DAMD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	16.1	8.1	12.1#

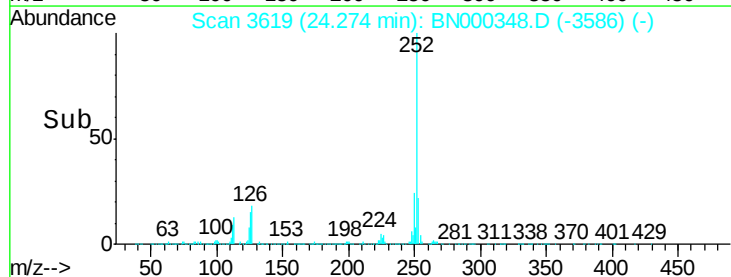
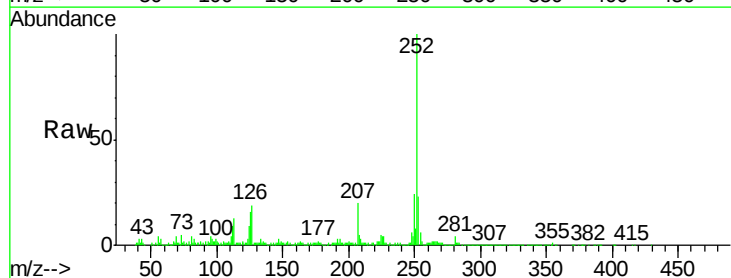
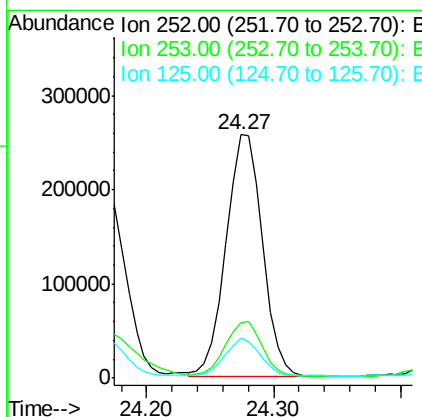
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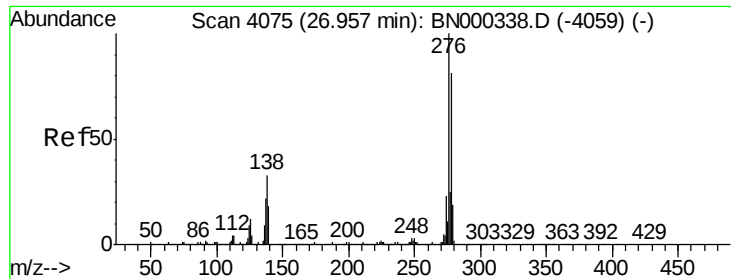
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#26
Benzo(a)pyrene
Concen: 6.730 ng/ul
RT: 24.27 min Scan# 3619
Delta R.T. -0.01 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	16.3	8.2	12.4#





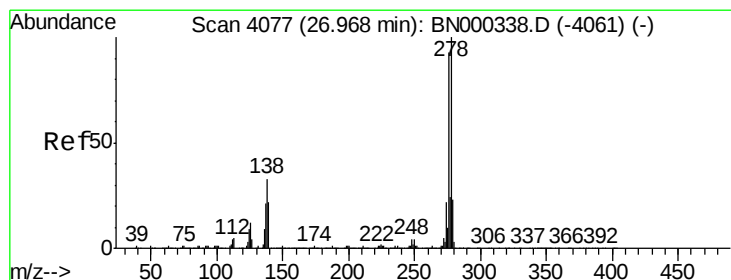
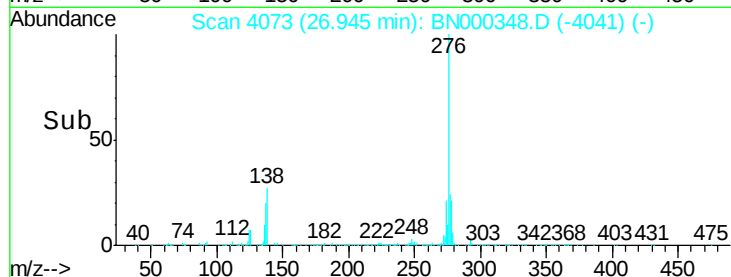
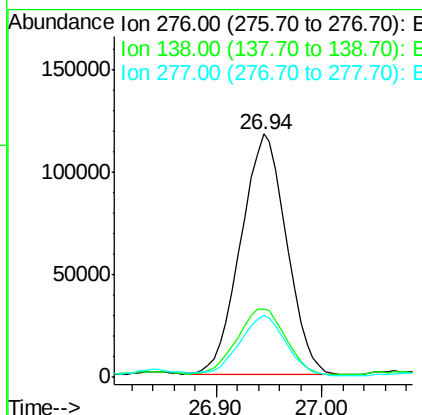
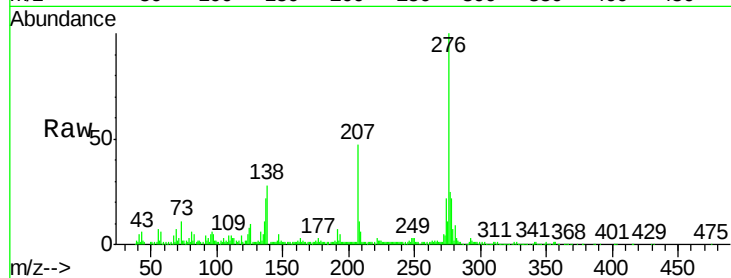
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.313 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Instrument :
BNA_N
ClientSampled :
DAMD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	14.4	21.6#
277	25.2	18.0	27.0

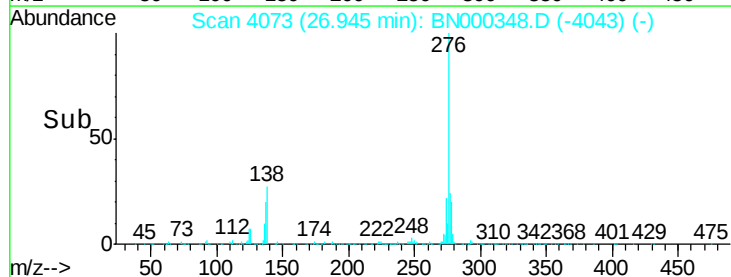
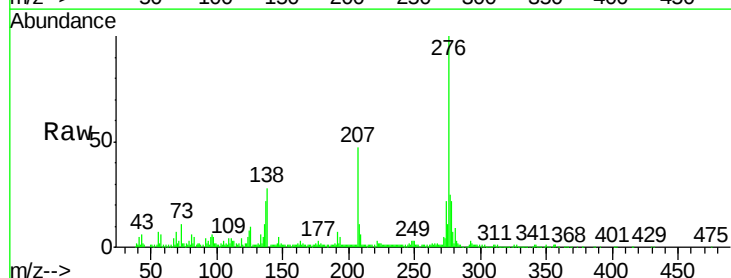
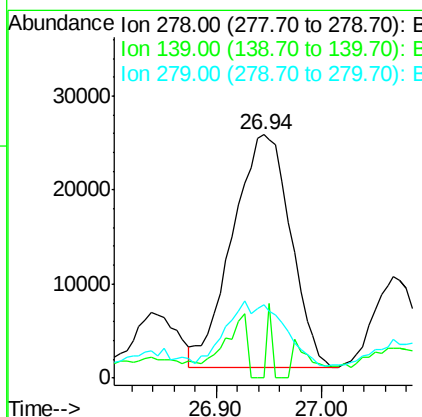
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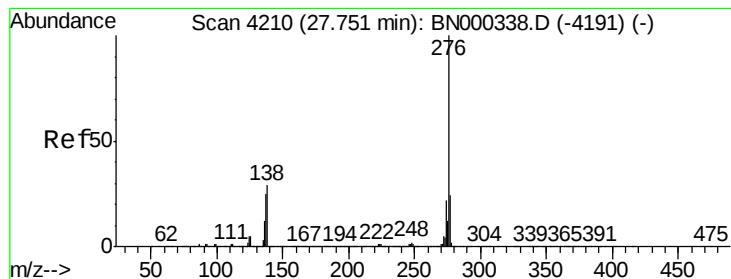
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#28
Dibenzo(a,h)anthracene
Concen: 1.405 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.02 min
Lab File: BN000348.D
Acq: 13 Mar 2018 14:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	30.2	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 5.202 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000348.D

Acq: 13 Mar 2018 14:40

Instrument :

BNA_N

ClientSampleId :

DAMD0

Tot Ion:	276	Resp:	355654
Ion Ratio	Lower	Upper	
276	100		
138	29.6	15.3	22.9#
277	24.3	19.0	28.4

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