

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARR9

Manual Integrations
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Quant Time: Apr 26 08:43:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141279	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	592175	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	298945	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	611691	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	586994	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	619732	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	665689	23.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	464091	24.22	ng/ul	0.00
14) Anthracene-d10	17.10	188	661766	23.66	ng/ul	0.00
18) Pyrene-d10	19.40	212	725699	24.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	762596	26.05	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	102583	3.075	ng/ul	100
16) Fluoranthene	19.06	202	261267	7.719	ng/ul#	92
19) Pyrene	19.43	202	240800	6.387	ng/ul#	93
20) Benzo(a)anthracene	21.19	228	155021m	4.418	ng/ul	
21) Chrysene	21.24	228	174349m	5.286	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	292904m	8.317	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	84836m	2.462	ng/ul	
26) Benzo(a)pyrene	23.30	252	165542	4.918	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.57	276	141185	3.473	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.57	278	36502	1.077	ng/ul#	82
29) Benzo(g,h,i)perylene	26.23	276	143129	4.209	ng/ul#	94

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

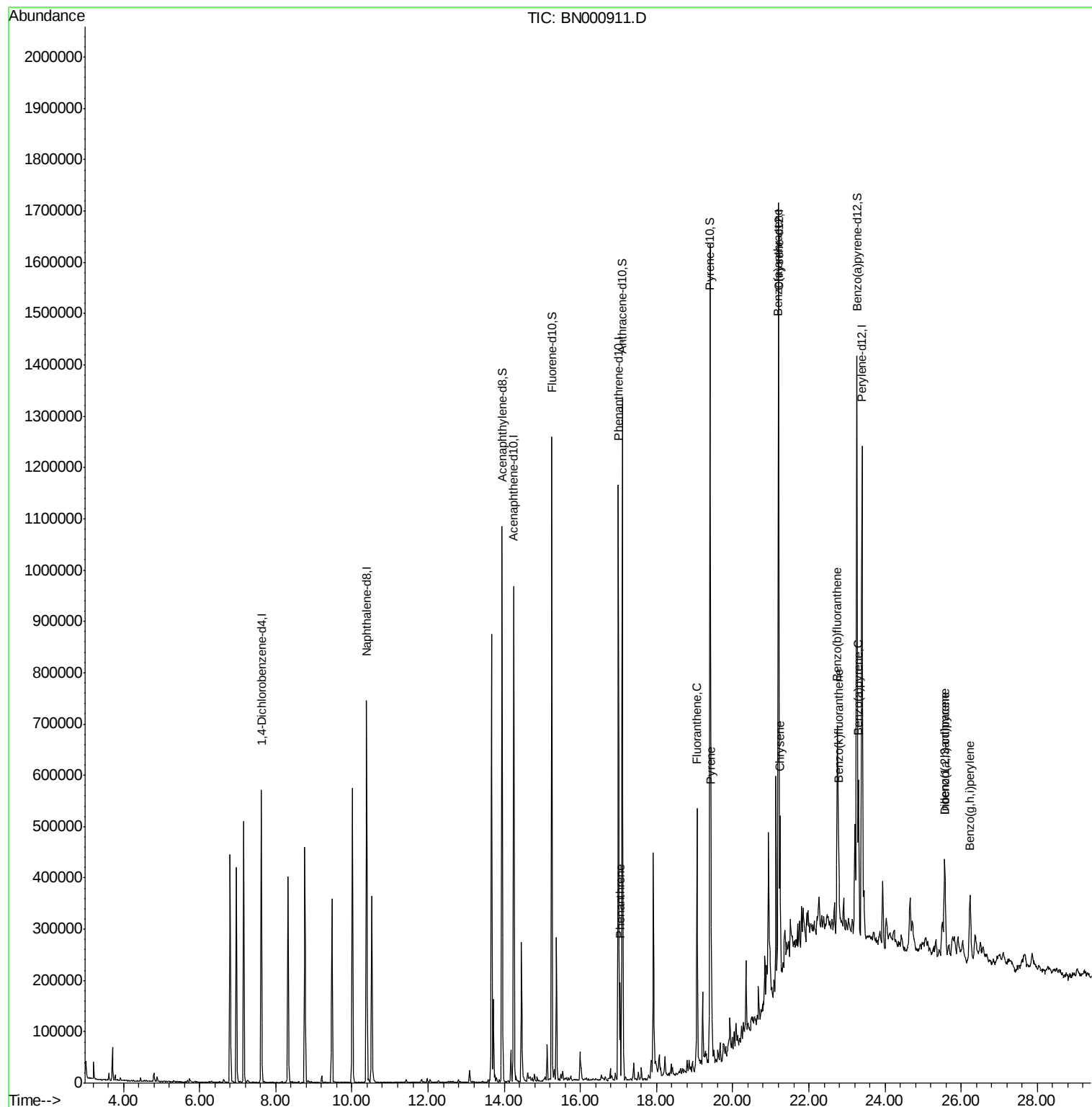
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

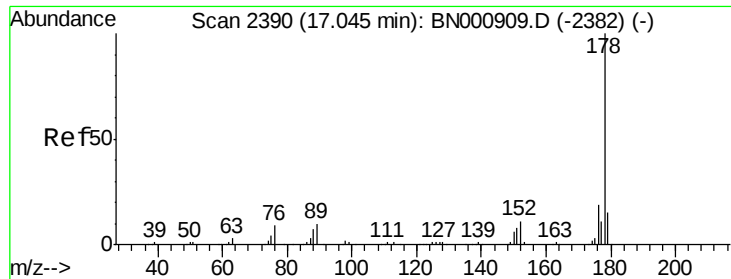
Instrument :
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Quant Time: Apr 26 08:43:40 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 3.075 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

Instrument :

BNA_N

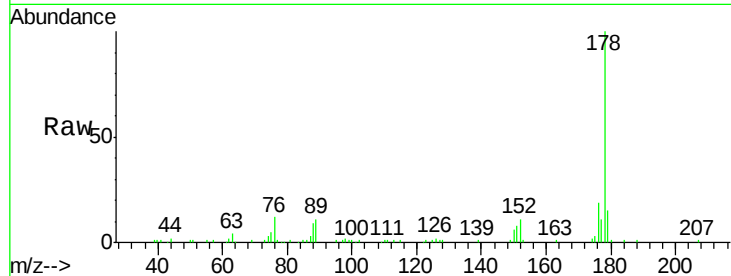
ClientSampled :

DARR9

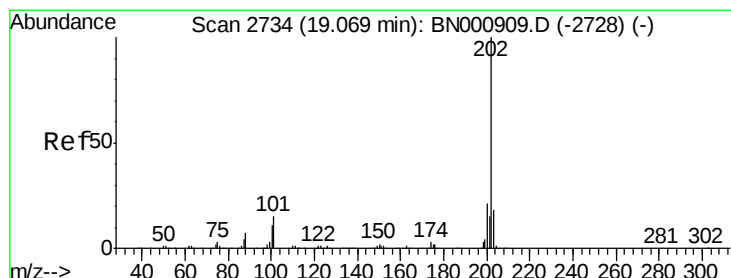
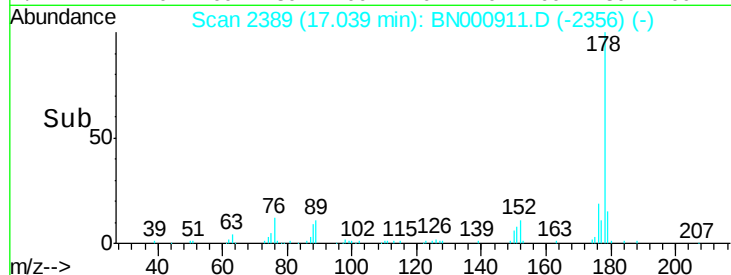
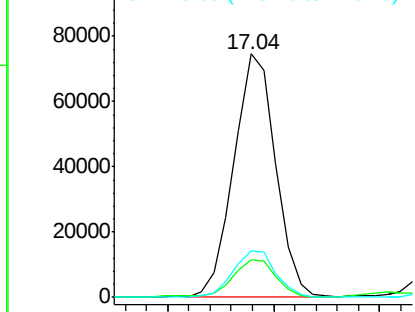
Tot Ion:	178	Resp:	102583
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.3	18.5
176	19.0	15.1	22.7

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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: 7.719 ng/ul

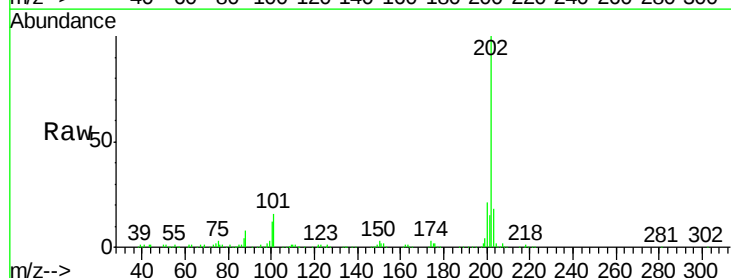
RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

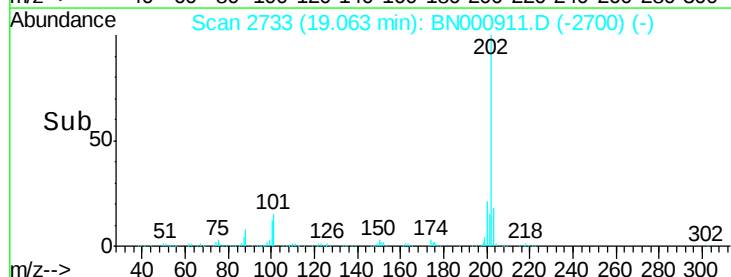
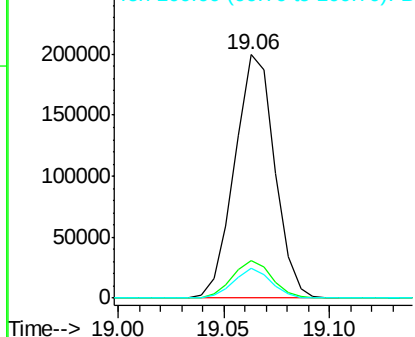
Lab File: BN000911.D

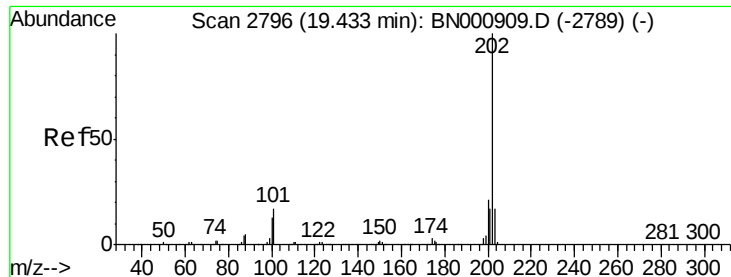
Acq: 26 Apr 2018 02:46

Tgt Ion:	202	Resp:	261267
Ion Ratio	Lower	Upper	
202	100		
101	15.6	9.9	14.9#
100	12.0	7.4	11.0#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





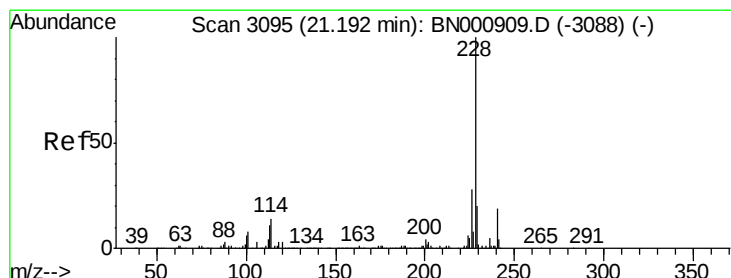
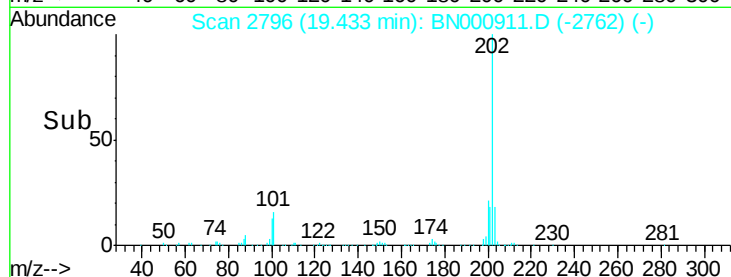
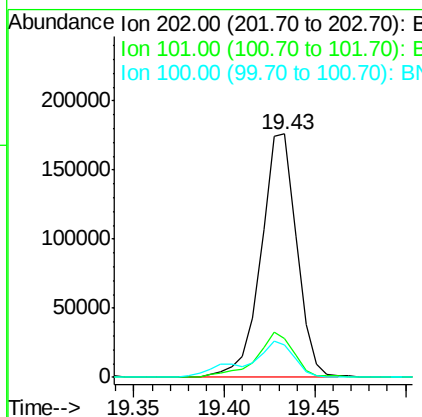
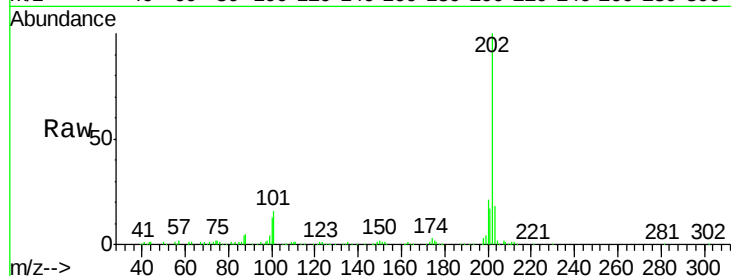
#19
Pvrene
Concen: 6.387 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.0	11.0	16.4
100	13.4	8.1	12.1

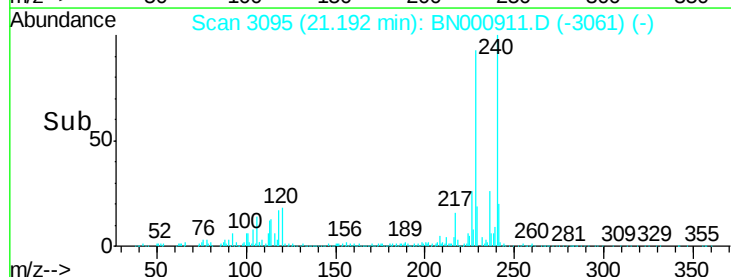
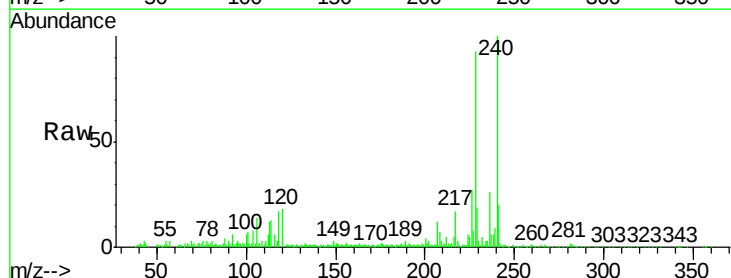
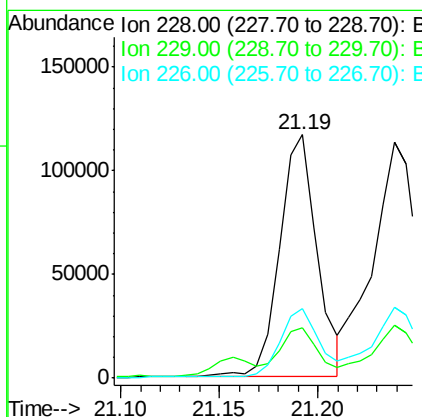
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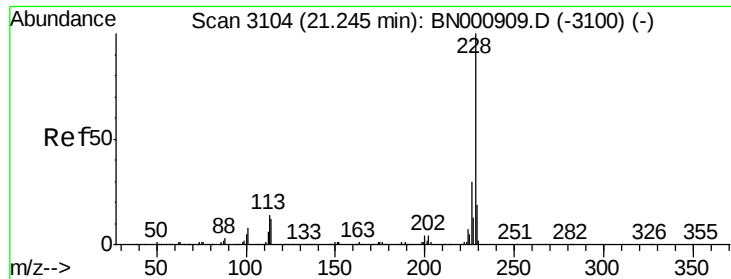
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#20
Benzo(a)anthracene
Concen: 4.418 ng/ul m
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.4	21.1	31.7





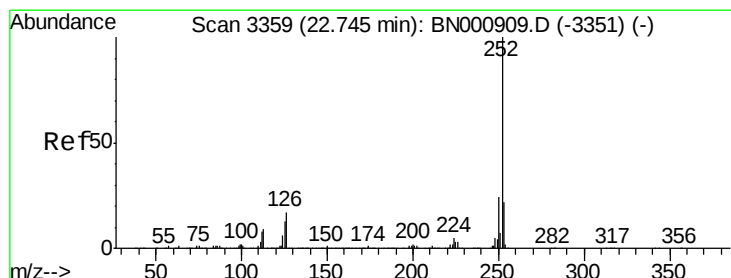
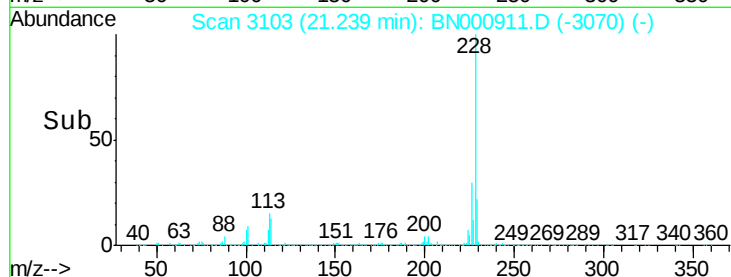
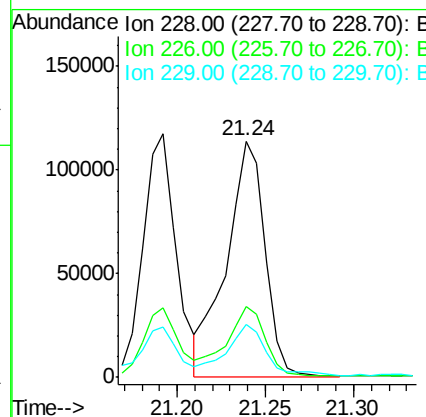
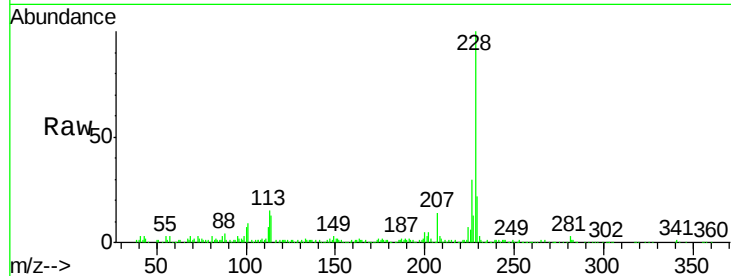
#21
Chrysene
Concen: 5.286 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Instrument :
BNA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	22.2	15.8	23.8

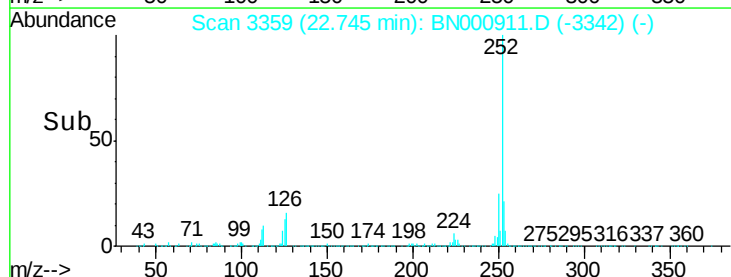
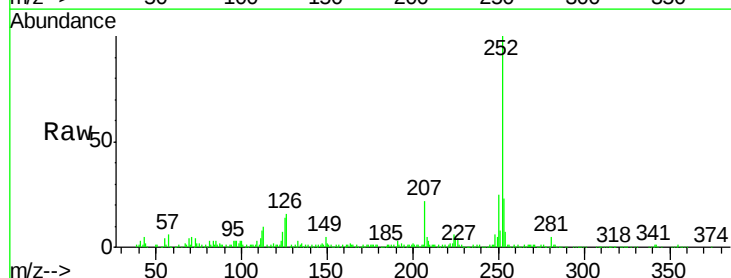
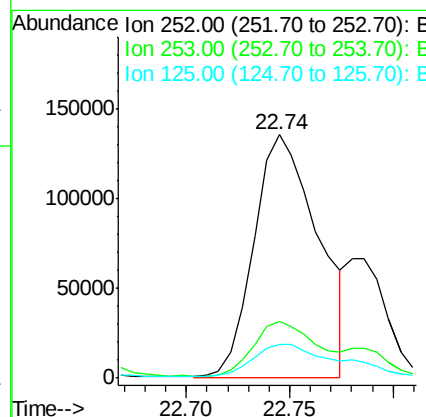
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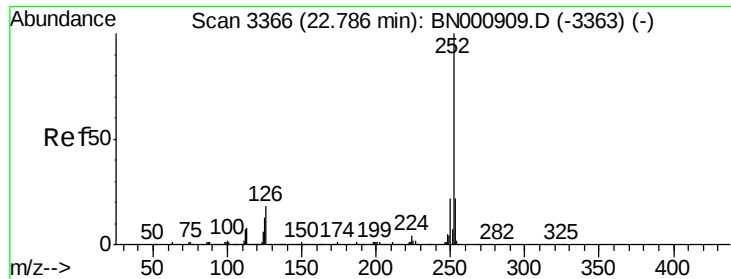
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#23
Benzo(b)fluoranthene
Concen: 8.317 ng/ul m
RT: 22.74 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	13.9	8.0	12.0#





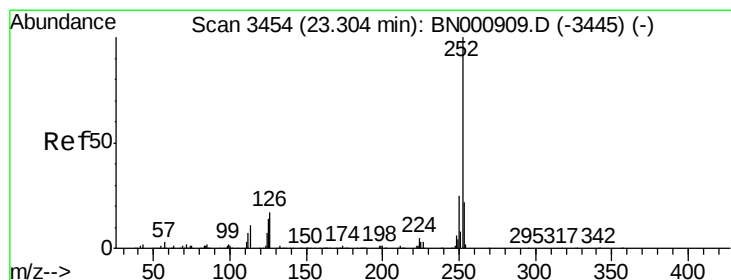
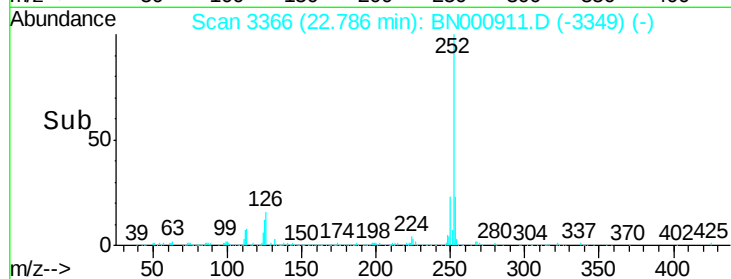
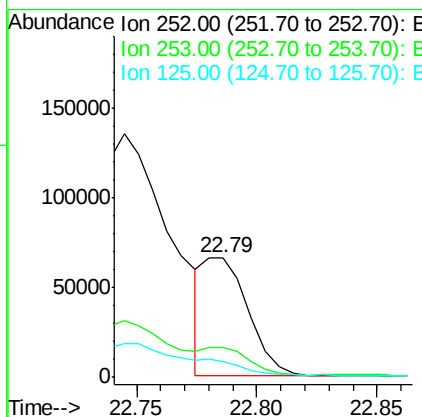
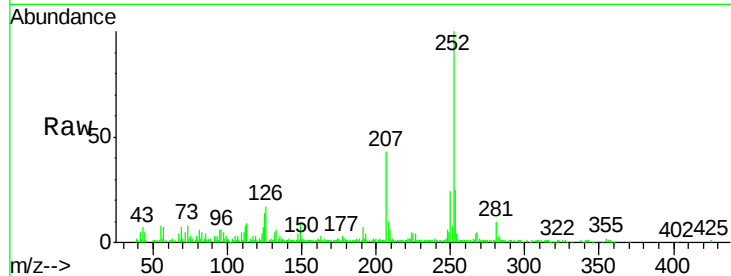
#24
Benzo(k)fluoranthene
Concen: 2.462 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Instrument :
BNA_N
ClientSampled :
DARR9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	13.6	8.1	12.1

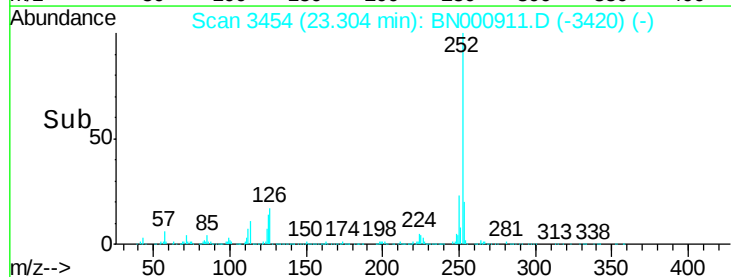
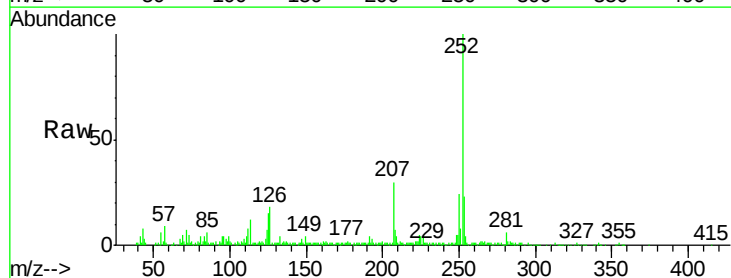
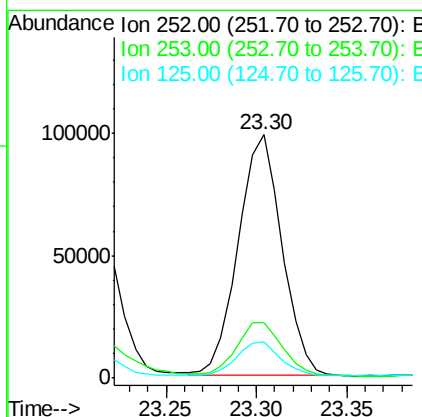
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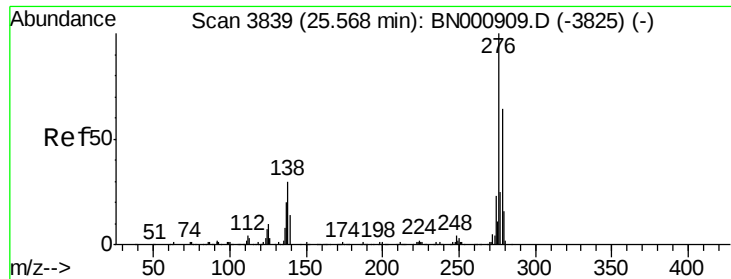
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#26
Benzo(a)pyrene
Concen: 4.918 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.00 min
Lab File: BN000911.D
Acq: 26 Apr 2018 02:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	14.8	8.2	12.4





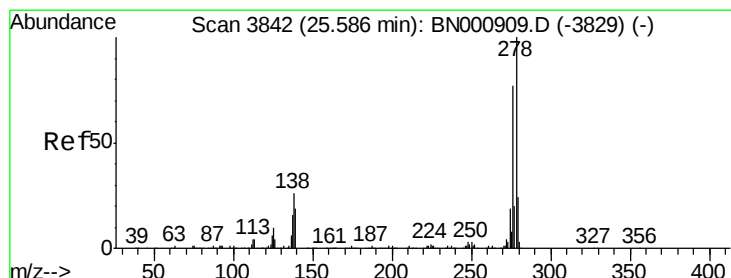
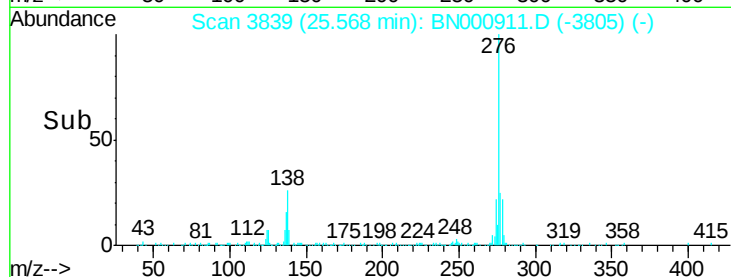
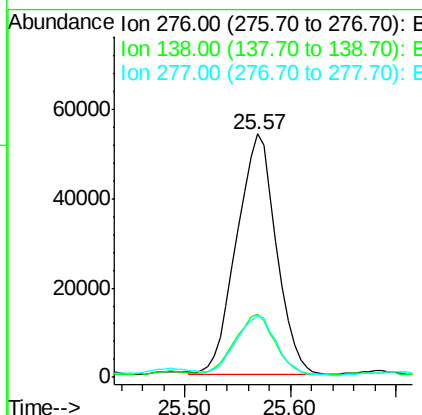
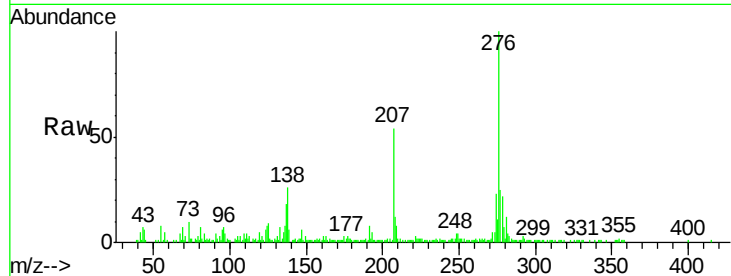
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.473 ng/ul
 RT: 25.57 min Scan# 3839
 Delta R.T. -0.00 min
 Lab File: BN000911.D
 Acq: 26 Apr 2018 02:46

Instrument :
 BNA_N
 ClientSampleId :
 DARR9

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.6	14.4	21.6#
277	25.3	18.0	27.0

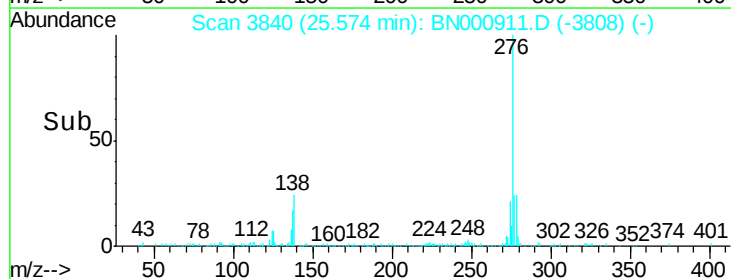
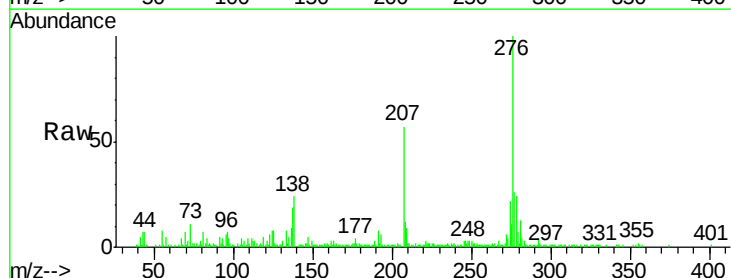
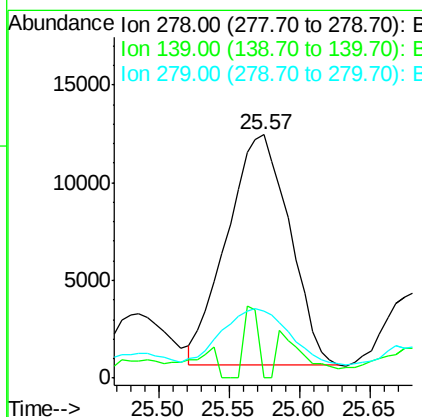
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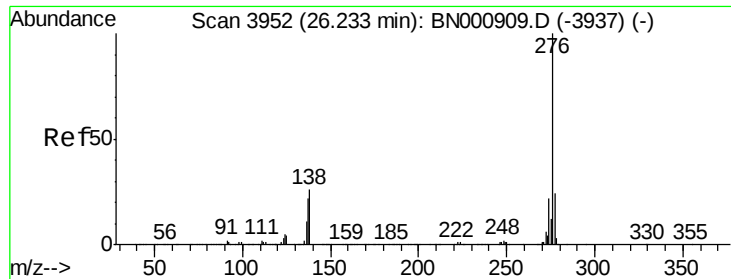
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.077 ng/ul
 RT: 25.57 min Scan# 3840
 Delta R.T. -0.01 min
 Lab File: BN000911.D
 Acq: 26 Apr 2018 02:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	27.3	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 4.209 ng/ul

RT: 26.23 min Scan# 3952

Delta R.T. -0.00 min

Lab File: BN000911.D

Acq: 26 Apr 2018 02:46

Instrument :

BNA_N

ClientSampleId :

DARR9

Tot Ion:276 Resp: 143129

Ion Ratio Lower Upper

276 100

138 25.2 15.3 22.9#

277 23.3 19.0 28.4

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