

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS24MS

Manual Integrations
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Quant Time: Apr 26 08:56:24 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	7.63	152	160419	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	656034	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	304348	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	561065	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	506730	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	550810	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	932279	31.90	ng/ul	0.01
10) Fluorene-d10	15.26	176	619722	31.76	ng/ul	0.00
14) Anthracene-d10	17.10	188	849737	33.12	ng/ul	0.00
18) Pyrene-d10	19.41	212	871106	33.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	950697	36.54	ng/ul	0.02
Target Compounds				Ovalue		
9) Acenaphthene	14.32	153	609303	30.483	ng/ul	96
13) Phenanthrene	17.05	178	94991	3.104	ng/ul	99
15) Anthracene	17.14	178	40052	1.305	ng/ul	98
16) Fluoranthene	19.07	202	258808	8.336	ng/ul	96
19) Pyrene	19.44	202	1184385m	36.389	ng/ul	
20) Benzo(a)anthracene	21.20	228	151800m	5.011	ng/ul	
21) Chrysene	21.25	228	131718m	4.626	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	171681m	5.485	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	51232m	1.673	ng/ul	
26) Benzo(a)pyrene	23.32	252	109387	3.657	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.59	276	72214	1.999	ng/ul#	86
29) Benzo(g,h,i)perylene	26.26	276	66485	2.200	ng/ul#	86

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

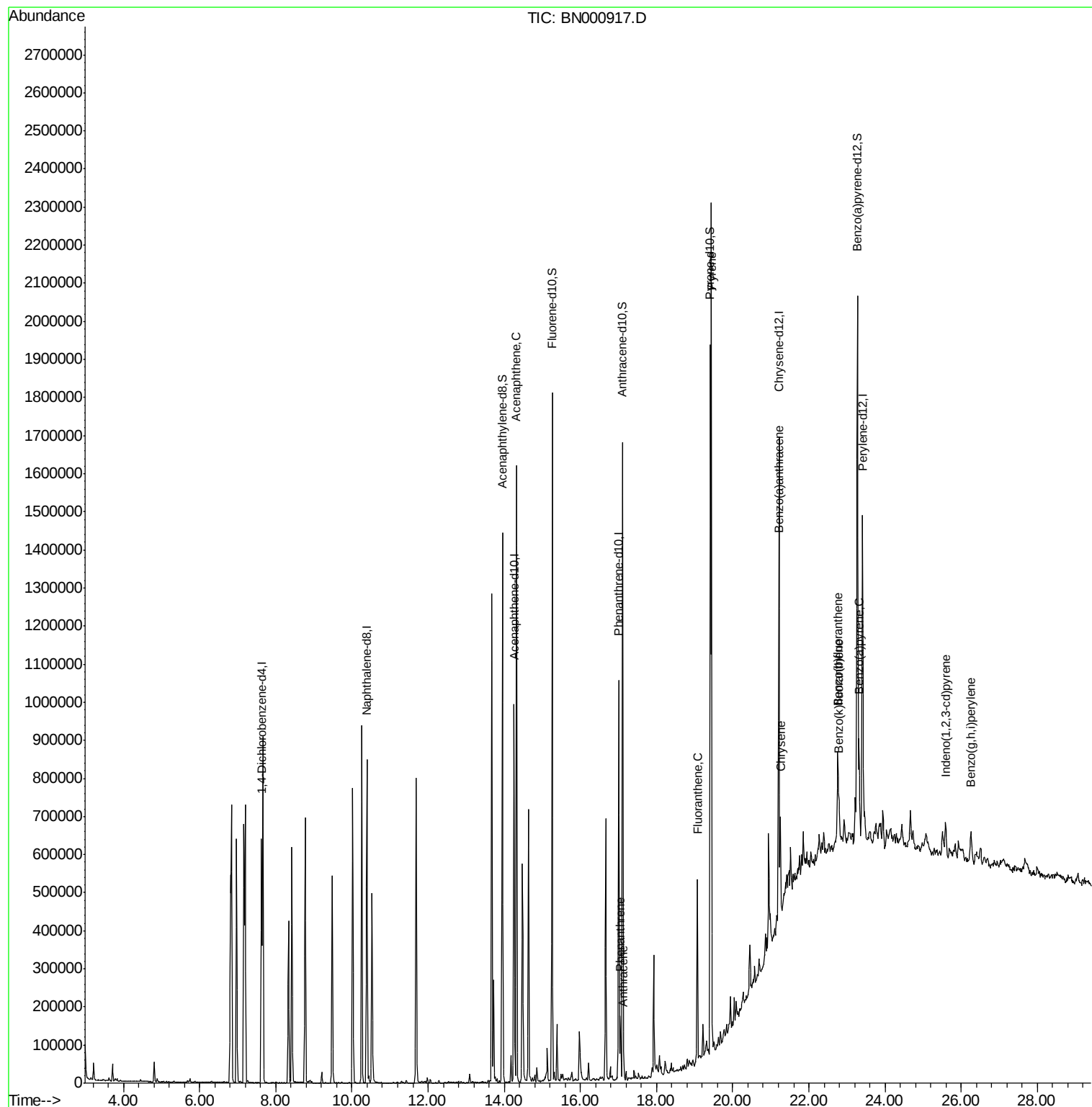
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

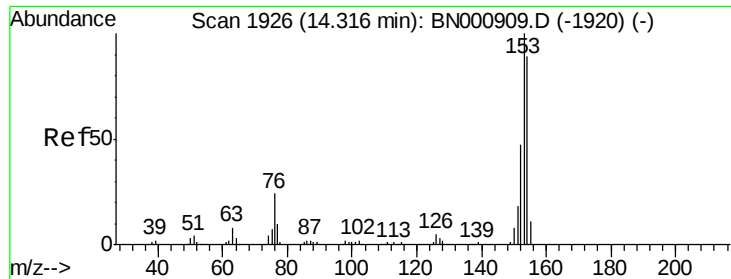
Instrument :
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Quant Time: Apr 26 08:56:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration





#9

Acenaphthene

Concen: 30.483 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BN000917.D

Acq: 26 Apr 2018 06:14

Instrument :

BNA_N

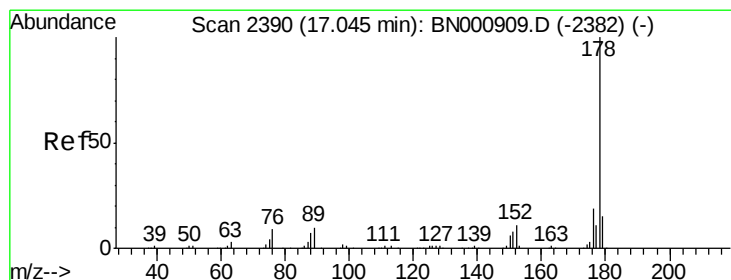
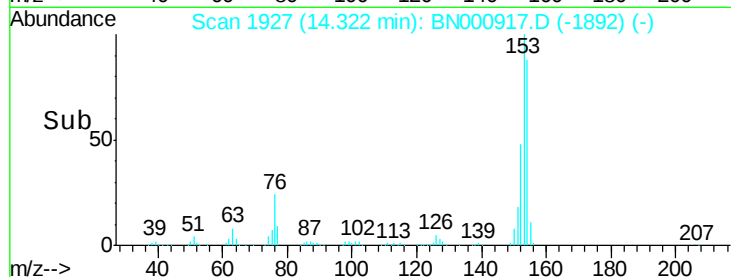
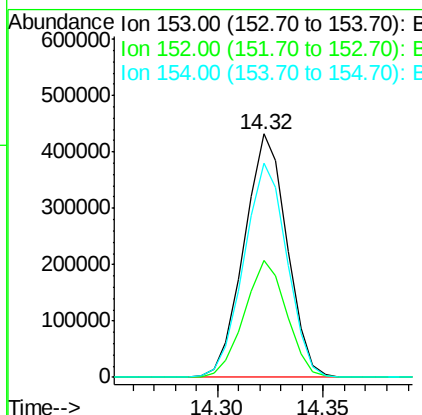
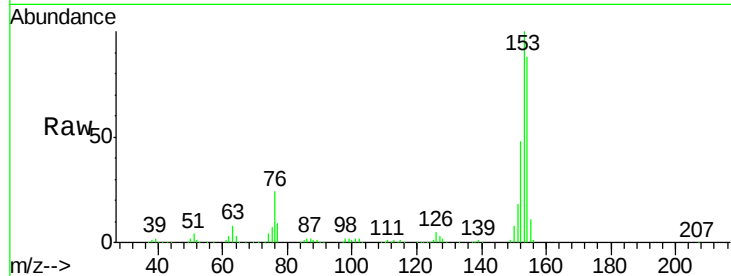
ClientSampleId :

DAS24MS

Tot Ion:	153	Resp:	609303
Ion Ratio	Lower	Upper	
153	100		
152	47.8	39.0	58.6
154	88.2	66.8	100.2

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#13

Phenanthrene

Concen: 3.104 ng/ul

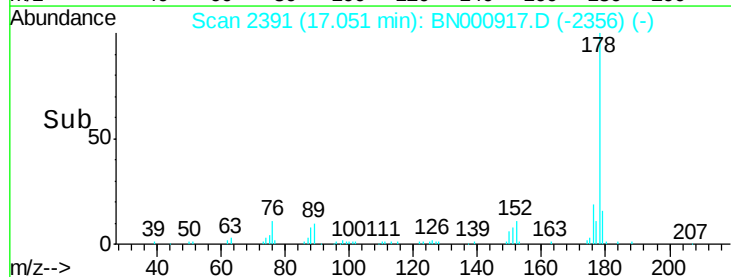
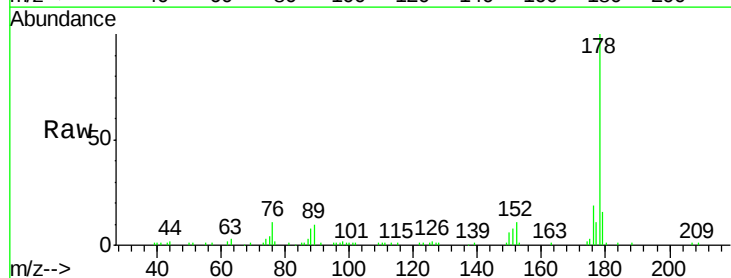
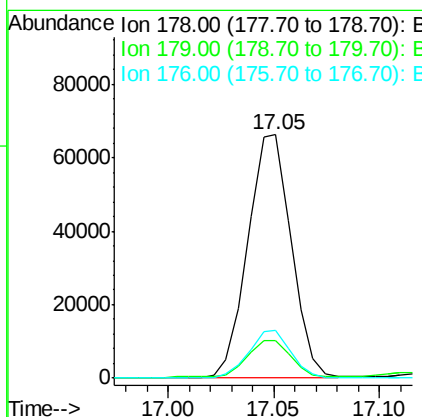
RT: 17.05 min Scan# 2391

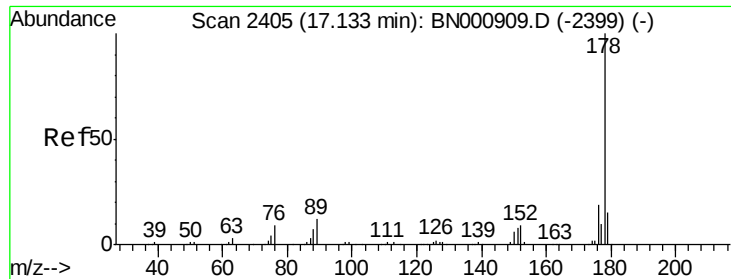
Delta R.T. 0.01 min

Lab File: BN000917.D

Acq: 26 Apr 2018 06:14

Tgt Ion:	178	Resp:	94991
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.5	15.1	22.7





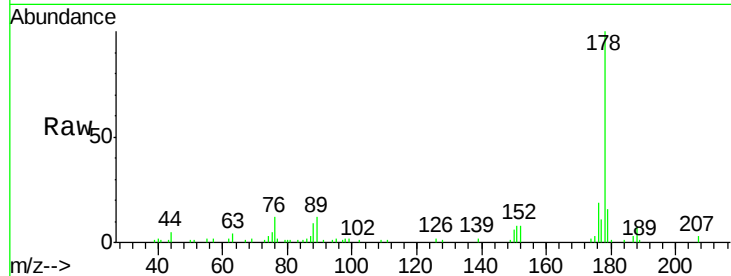
#15
 Anthracene
 Concen: 1.305 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. 0.01 min
 Lab File: BN000917.D
 Acq: 26 Apr 2018 06:14

Instrument :
 BNA_N
 ClientSampleId :
 DAS24MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.8	17.8
176	18.7	15.2	22.8

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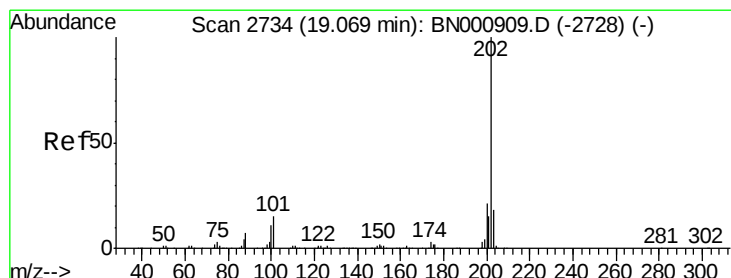
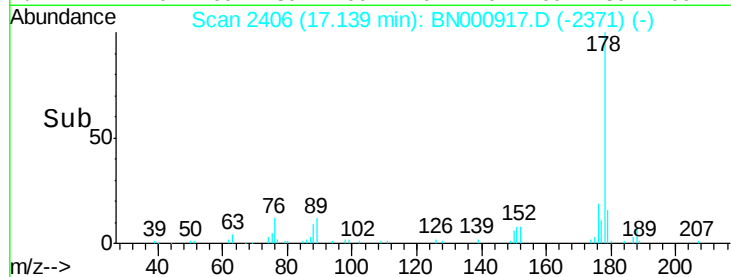
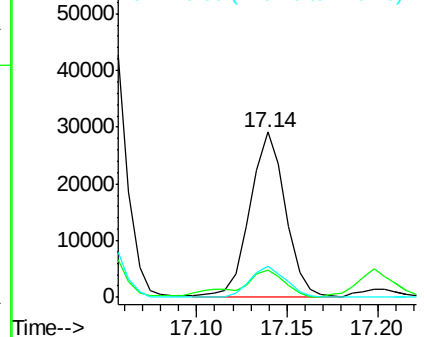


Abundance

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: 8.336 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. 0.01 min
 Lab File: BN000917.D
 Acq: 26 Apr 2018 06:14

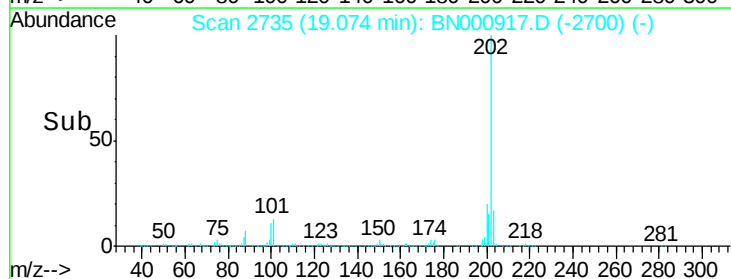
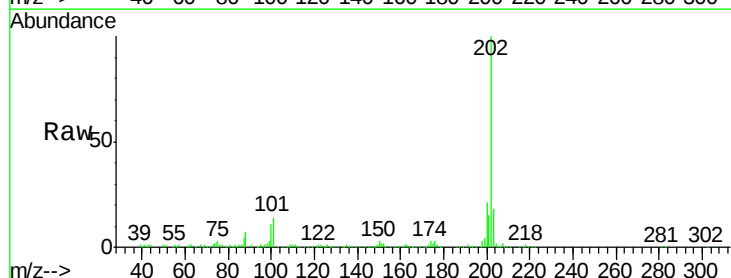
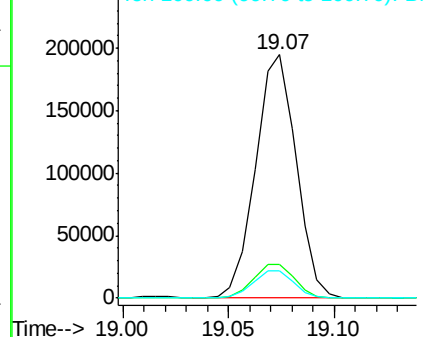
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.9	14.9
100	11.0	7.4	11.0

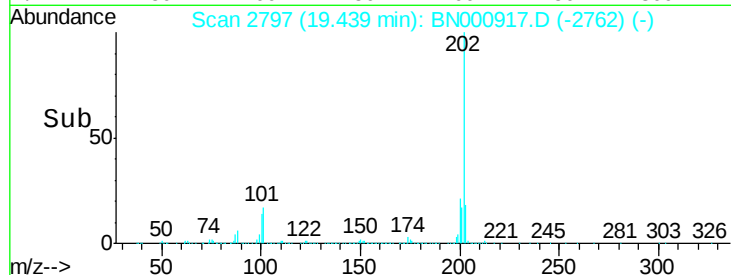
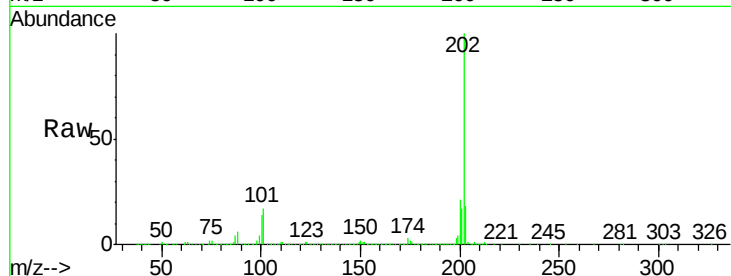
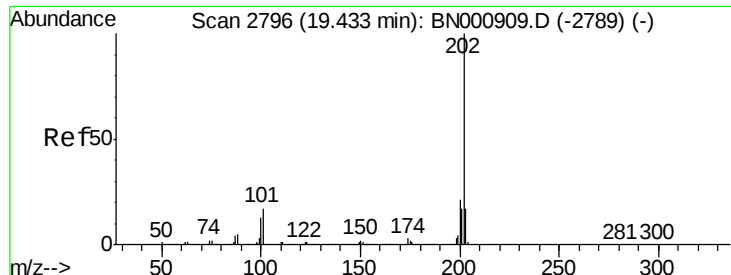
Abundance

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





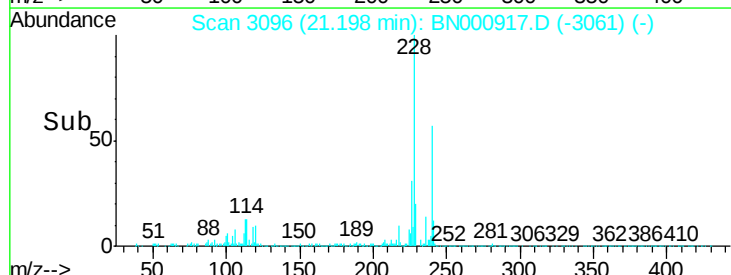
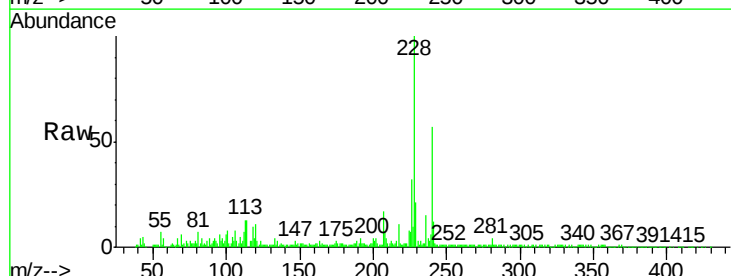
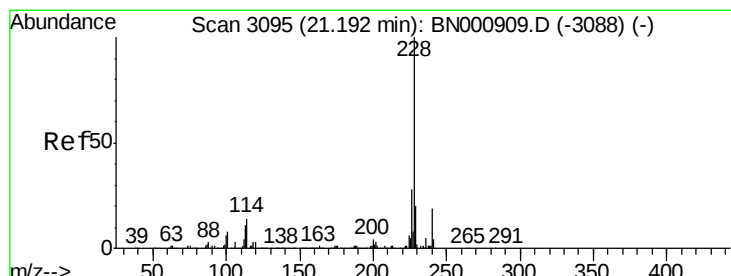
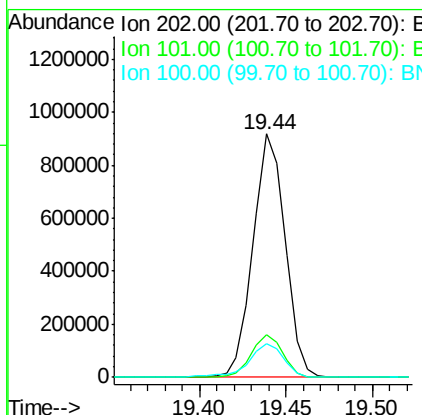
#19
Pvrene
Concen: 36.389 ng/ul m
RT: 19.44 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BN000917.D
Acq: 26 Apr 2018 06:14

Instrument :
BNA_N
ClientSampleId :
DAS24MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.3	11.0	16.4#
100	14.1	8.1	12.1#

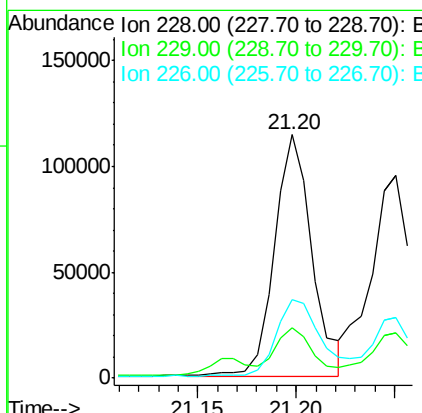
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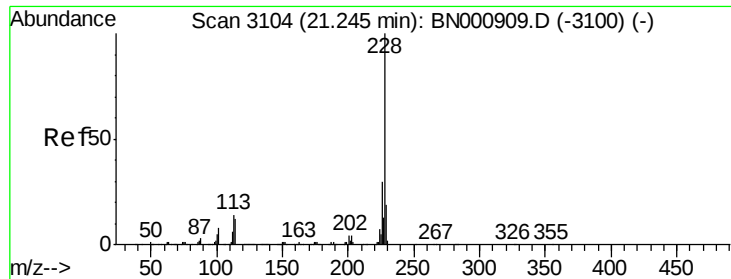
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#20
Benzo(a)anthracene
Concen: 5.011 ng/ul m
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BN000917.D
Acq: 26 Apr 2018 06:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	32.1	21.1	31.7#





#21

Chrysene

Concen: 4.626 ng/ul m

RT: 21.25 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BN000917.D

Acq: 26 Apr 2018 06:14

Instrument :

BNA_N

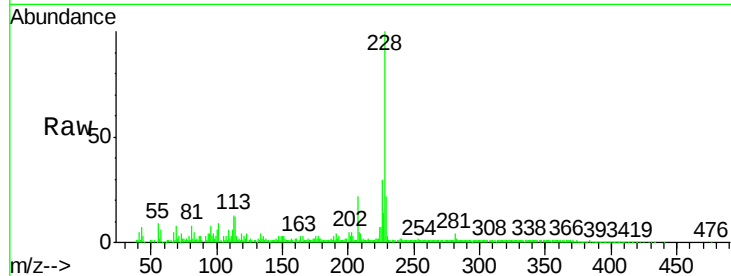
ClientSampleId :

DAS24MS

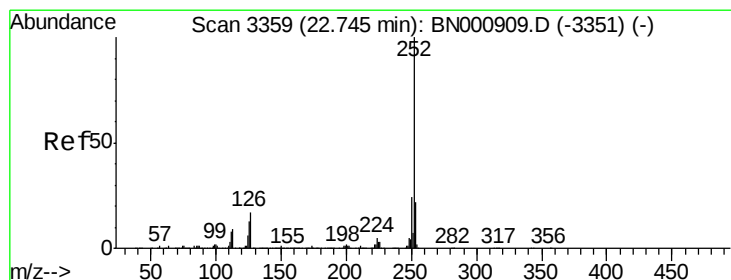
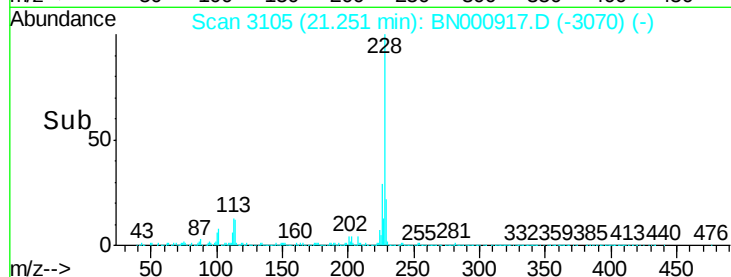
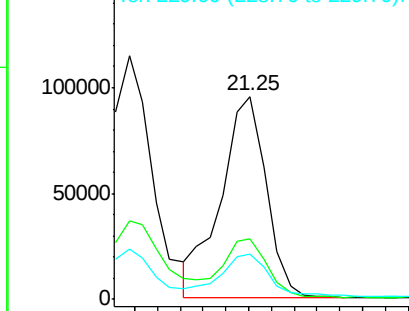
Tot Ion:	228	Resp:	131718
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.5	36.7
229	22.4	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#23

Benzo(b)fluoranthene

Concen: 5.485 ng/ul m

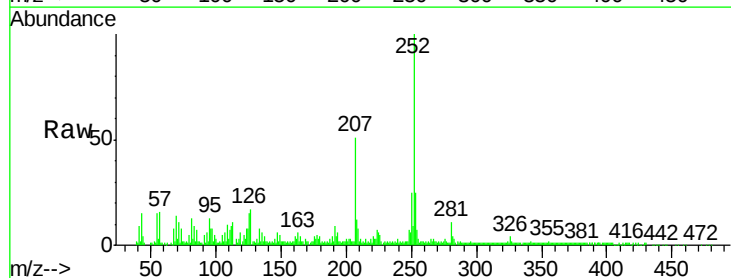
RT: 22.76 min Scan# 3361

Delta R.T. 0.01 min

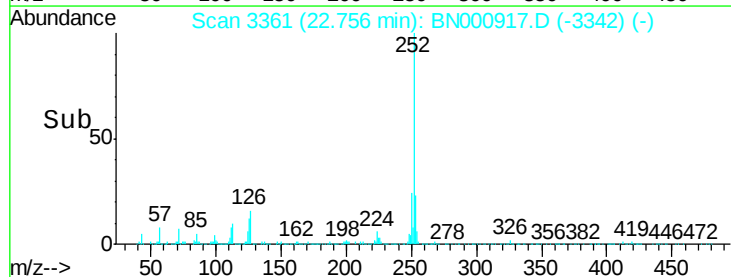
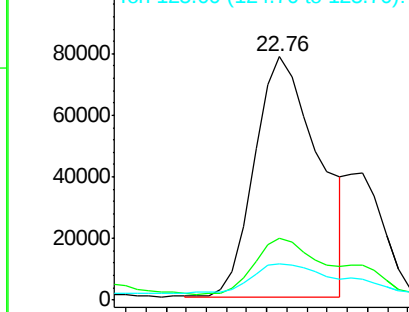
Lab File: BN000917.D

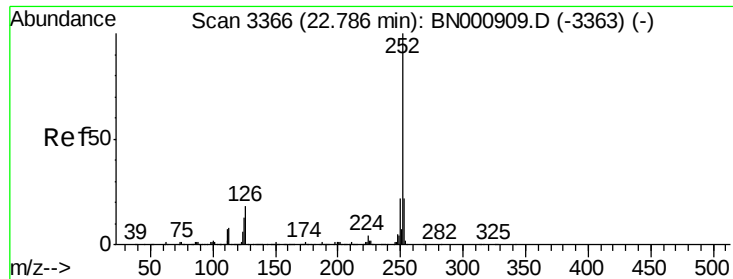
Acq: 26 Apr 2018 06:14

Tgt Ion:	252	Resp:	171681
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.0	27.0
125	15.1	8.0	12.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





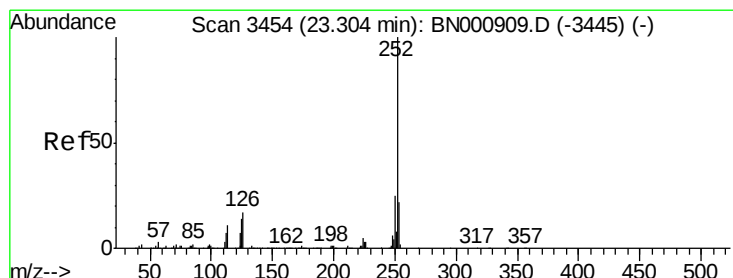
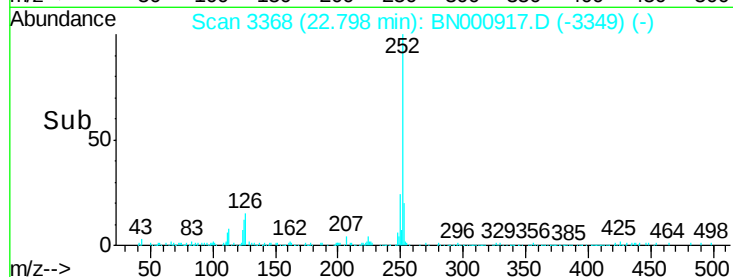
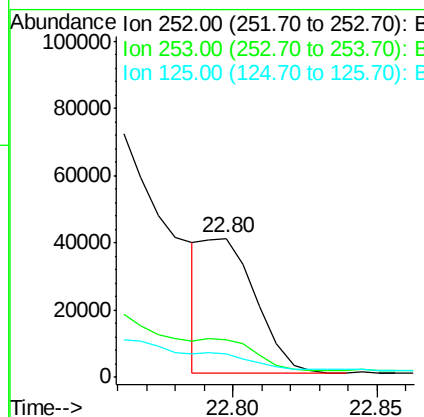
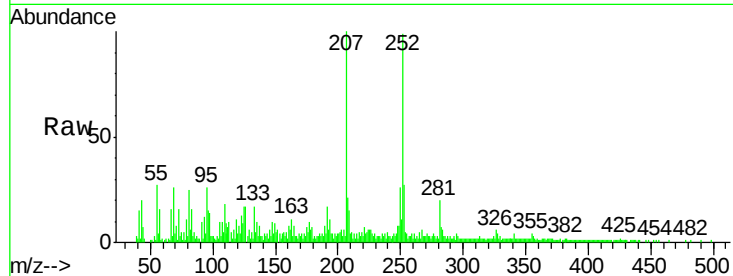
#24
Benzo(k)fluoranthene
Concen: 1.673 ng/ul m
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BN000917.D
Acq: 26 Apr 2018 06:14

Instrument :
BNA_N
ClientSampleId :
DAS24MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.0	27.0#
125	16.8	8.1	12.1#

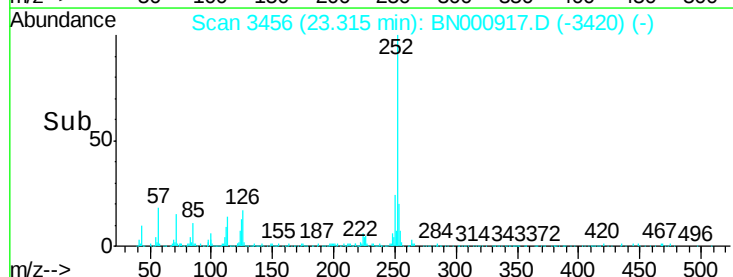
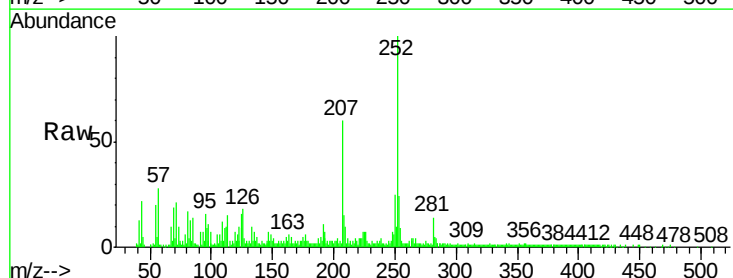
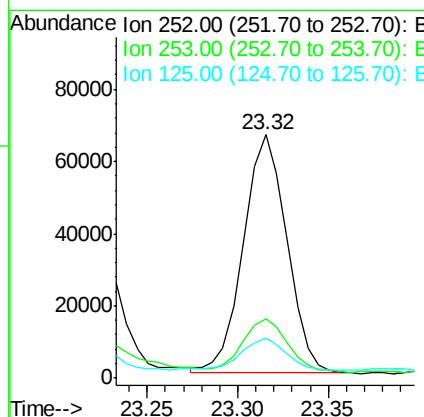
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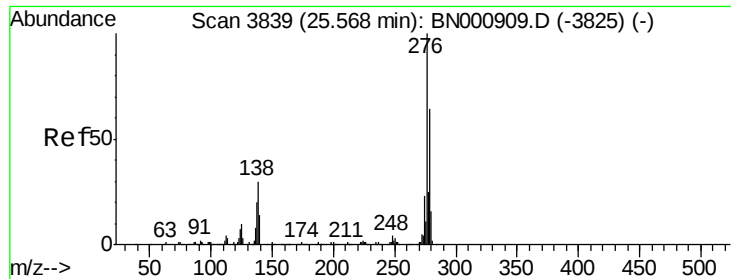
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#26
Benzo(a)pyrene
Concen: 3.657 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BN000917.D
Acq: 26 Apr 2018 06:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	16.2	8.2	12.4#





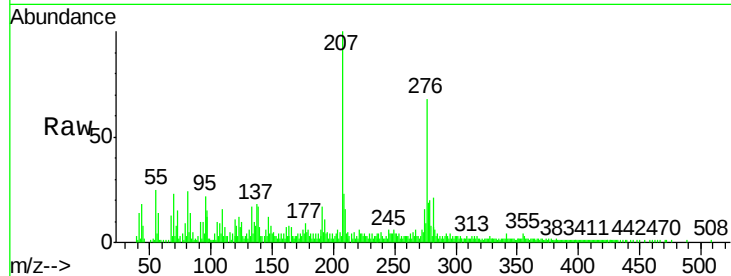
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.999 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. 0.02 min
 Lab File: BN000917.D
 Acq: 26 Apr 2018 06:14

Instrument :
 BNA_N
 ClientSampleId :
 DAS24MS

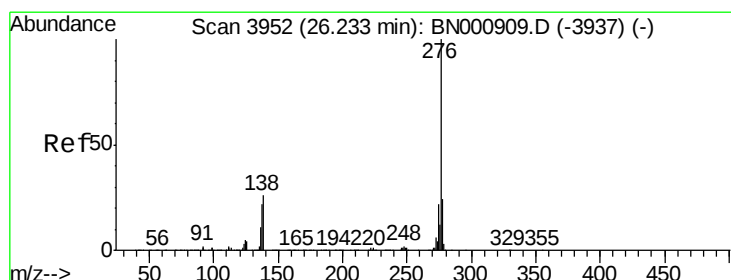
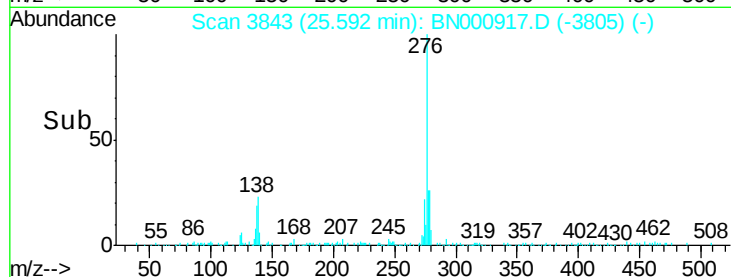
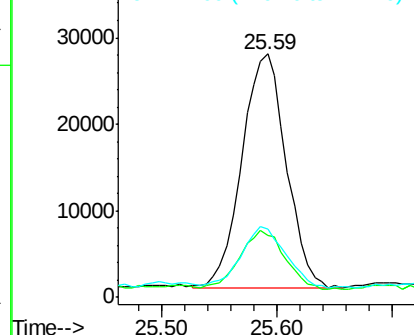
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	14.4	21.6#
277	28.2	18.0	27.0#

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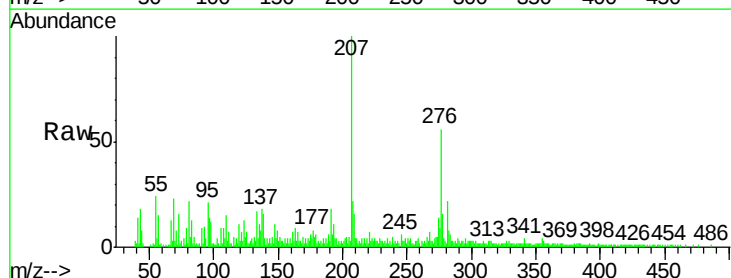


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#29
 Benzo(g,h,i)perylene
 Concen: 2.200 ng/ul
 RT: 26.26 min Scan# 3956
 Delta R.T. 0.02 min
 Lab File: BN000917.D
 Acq: 26 Apr 2018 06:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.5	15.3	22.9#
277	28.3	19.0	28.4



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

