

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000432.D
 Acq On : 16 Mar 2018 00:40
 Operator : JU/SJ
 Sample : J1866-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMF4

Manual Integrations
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 3/16/2018 12:12:09 PM

Quant Time: Mar 16 07:25:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 06:47:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	252895	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1171646	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	640501	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1344715	20.00	ng/ul	0.00
17) Chrysene-d12	21.92	240	1030176	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	965506	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	2002320	31.50	ng/ul	0.00
10) Fluorene-d10	16.05	176	1282661	29.80	ng/ul	0.00
14) Anthracene-d10	17.90	188	1907099	30.35	ng/ul	0.00
18) Pyrene-d10	20.15	212	1804559	35.81	ng/ul	0.01
25) Benzo(a)pyrene-d12	24.27	264	1346568	30.54	ng/ul	0.02
Target Compounds				Ovalue		
8) Acenaphthylene	14.80	152	92721	1.451	ng/ul	98
13) Phenanthrene	17.84	178	317504	4.117	ng/ul	99
15) Anthracene	17.93	178	131732	1.683	ng/ul	97
16) Fluoranthene	19.82	202	824582	9.896	ng/ul#	94
19) Pyrene	20.18	202	840005	12.915	ng/ul#	88
20) Benzo(a)anthracene	21.90	228	495029	7.730	ng/ul#	93
21) Chrysene	21.96	228	591970	9.740	ng/ul#	95
23) Benzo(b)fluoranthene	23.66	252	643756m	11.181	ng/ul	
24) Benzo(k)fluoranthene	23.70	252	188624m	3.500	ng/ul	
26) Benzo(a)pyrene	24.31	252	631779	11.530	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.01	276	321019	5.434	ng/ul#	81
28) Dibenzo(a,h)anthracene	27.01	278	119046	2.458	ng/ul#	44
29) Benzo(a,h,i)perylene	27.82	276	753960	15.284	ng/ul#	87

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

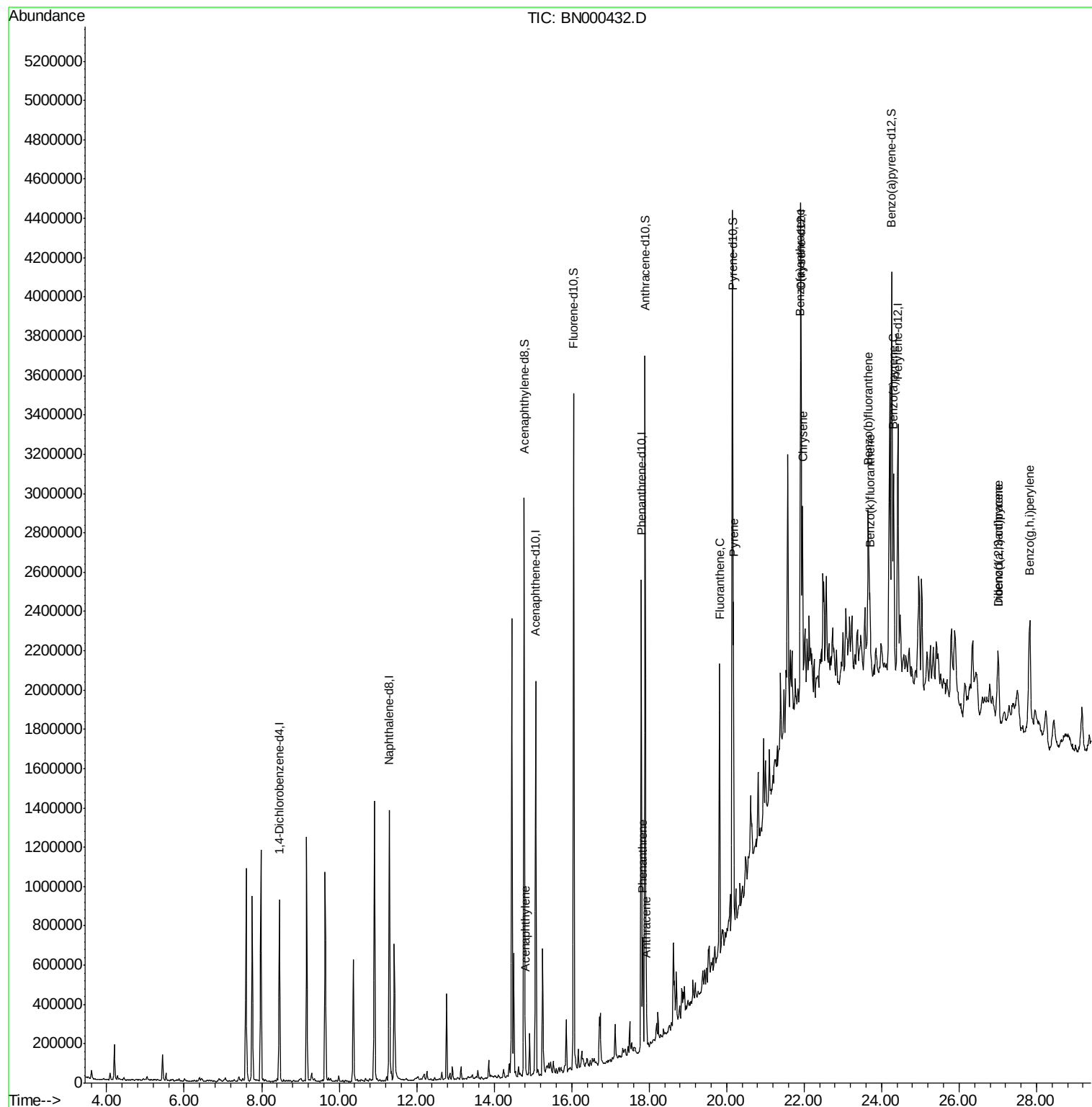
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
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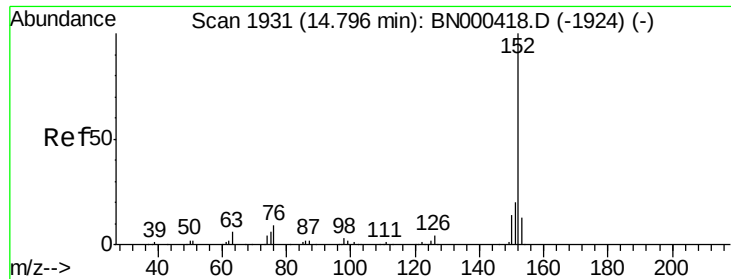
Instrument :
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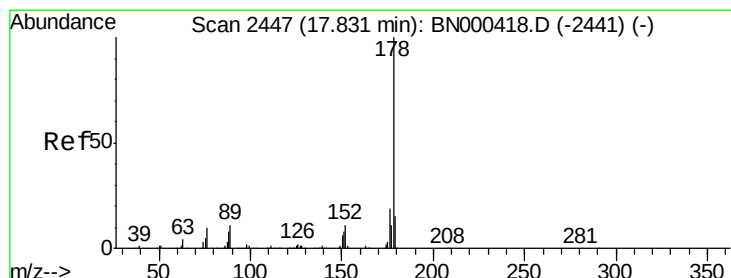
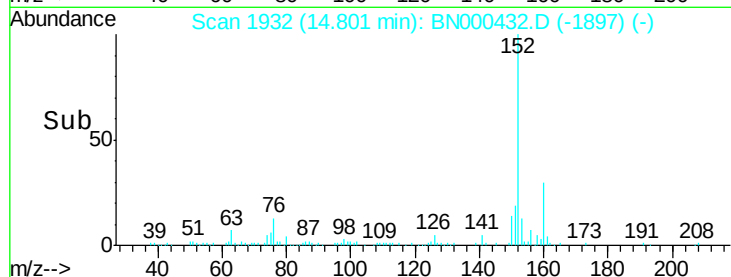
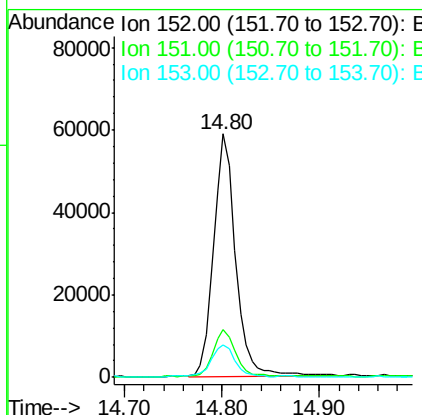
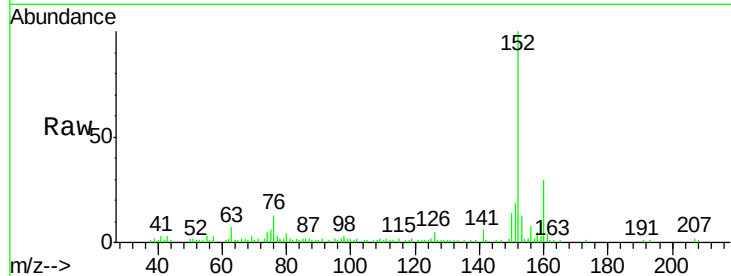
#8
Acenaphthylene
Concen: 1.451 ng/ul
RT: 14.80 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BN000432.D
Acq: 16 Mar 2018 00:40

Instrument :
BNA_N
ClientSampleId :
DAMF4

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1
153	13.2	10.2	15.4

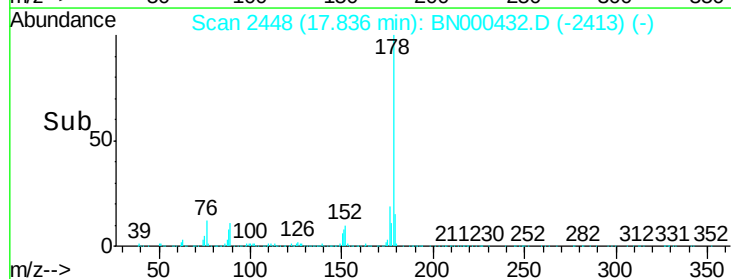
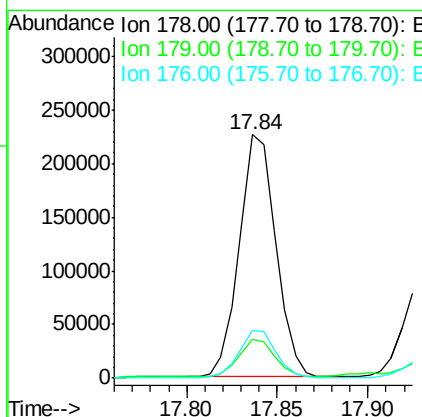
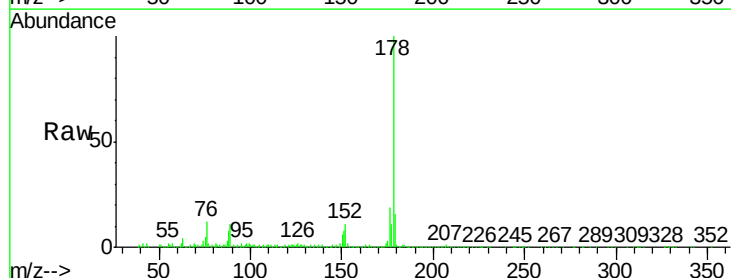
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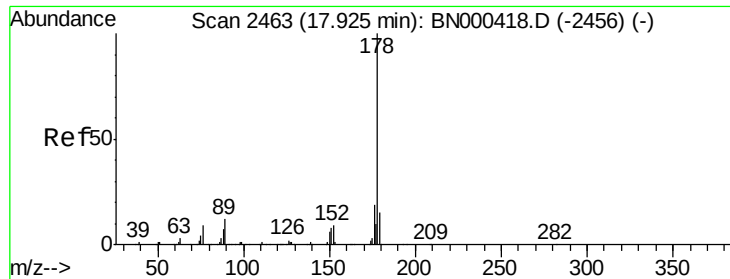
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#13
Phenanthrene
Concen: 4.117 ng/ul
RT: 17.84 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BN000432.D
Acq: 16 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.4	15.1	22.7





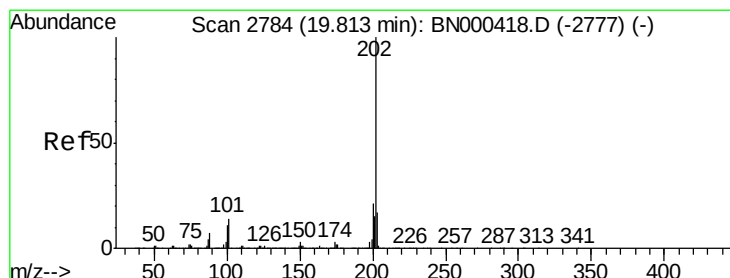
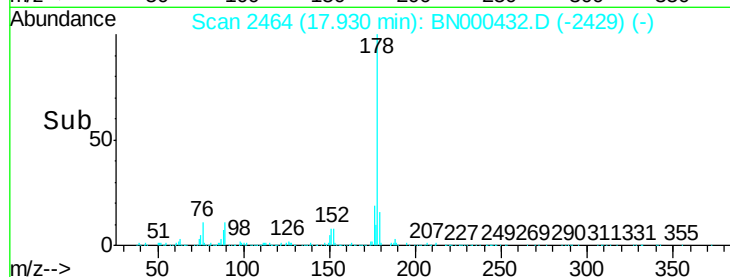
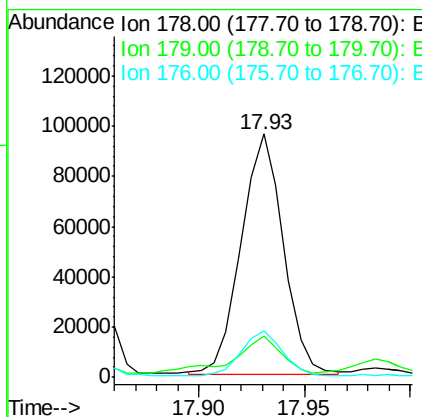
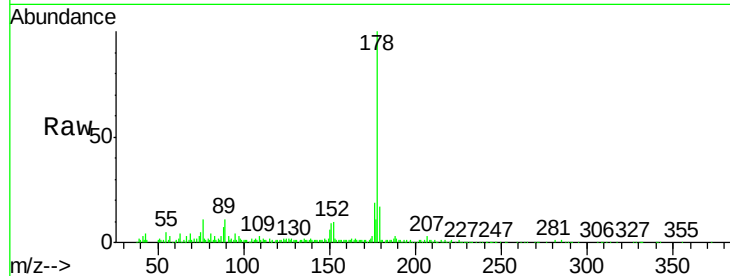
#15
 Anthracene
 Concen: 1.683 ng/ul
 RT: 17.93 min Scan# 2464
 Delta R.T. 0.01 min
 Lab File: BN000432.D
 Acq: 16 Mar 2018 00:40

Instrument :
 BNA_N
 ClientSampleId :
 DAMF4

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.8	17.8
176	19.3	15.2	22.8

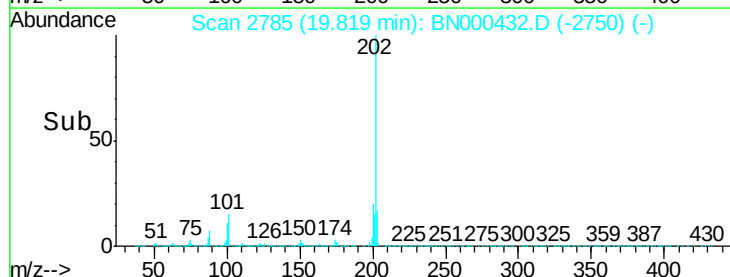
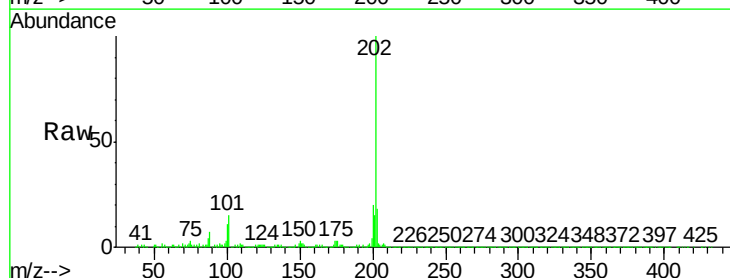
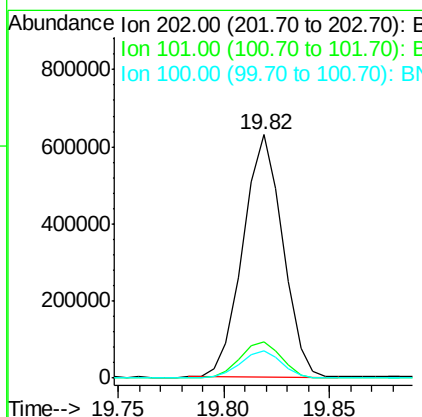
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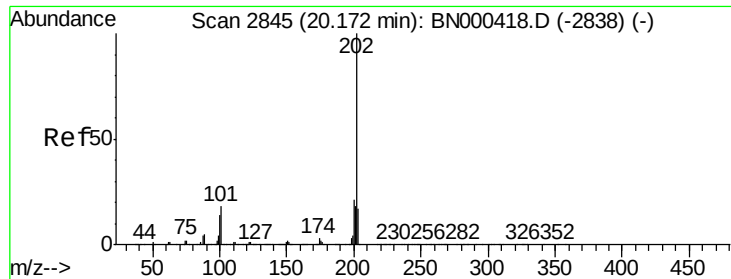
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#16
 Fluoranthene
 Concen: 9.896 ng/ul
 RT: 19.82 min Scan# 2785
 Delta R.T. 0.01 min
 Lab File: BN000432.D
 Acq: 16 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.4	7.4	11.0#





#19

Pvrene

Concen: 12.915 ng/ul

RT: 20.18 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BN000432.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_N

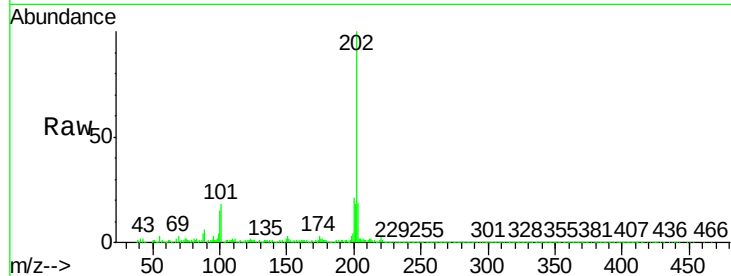
ClientSampleId :

DAMF4

Tot Ion:	202	Resp:	840005
Ion Ratio	Lower	Upper	
202	100		
101	18.2	11.0	16.4#
100	15.1	8.1	12.1#

Manual Integrations
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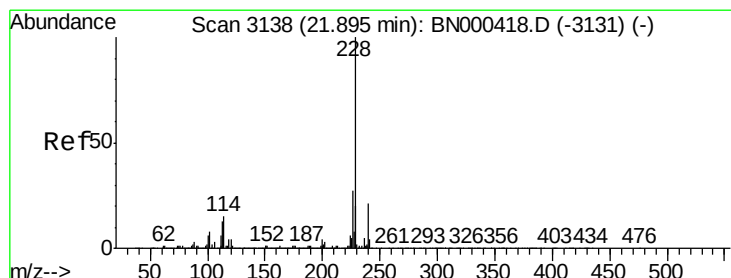
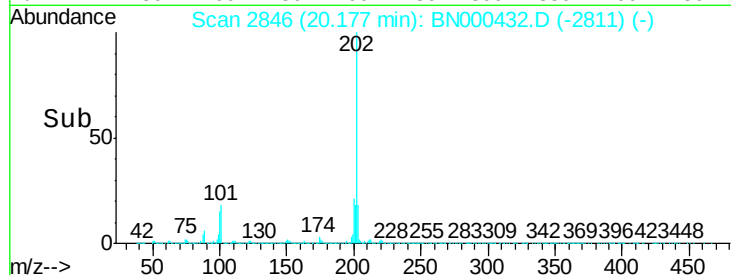
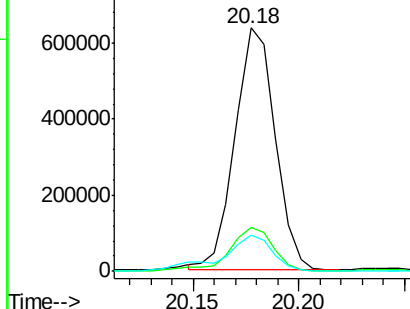
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#20

Benzo(a)anthracene

Concen: 7.730 ng/ul

RT: 21.90 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BN000432.D

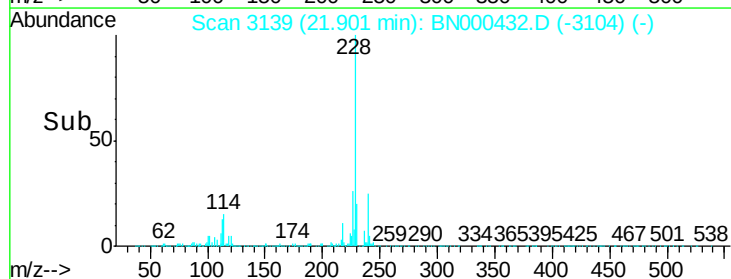
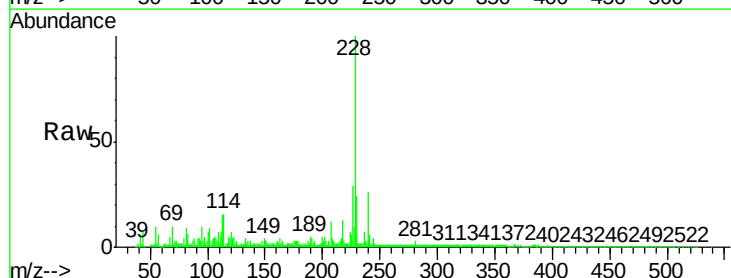
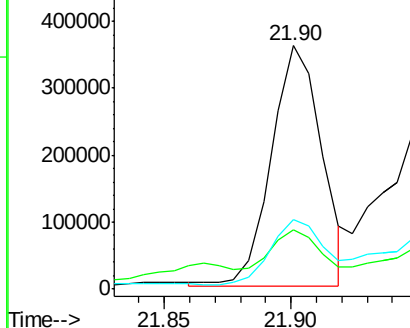
Acq: 16 Mar 2018 00:40

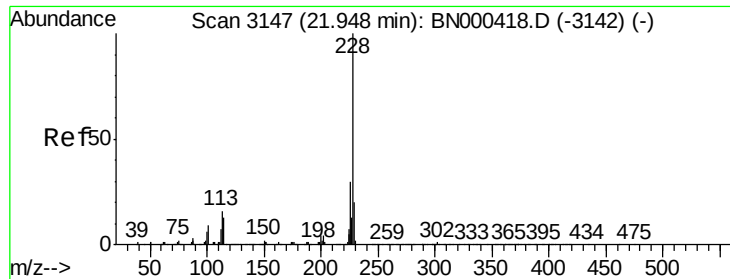
Tgt Ion:	228	Resp:	495029
Ion Ratio	Lower	Upper	
228	100		
229	24.3	15.7	23.5#
226	28.5	21.1	31.7

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 9.740 ng/ul

RT: 21.96 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BN000432.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_N

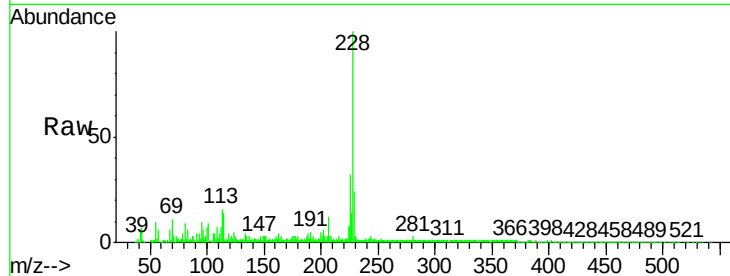
ClientSampled :

DAMF4

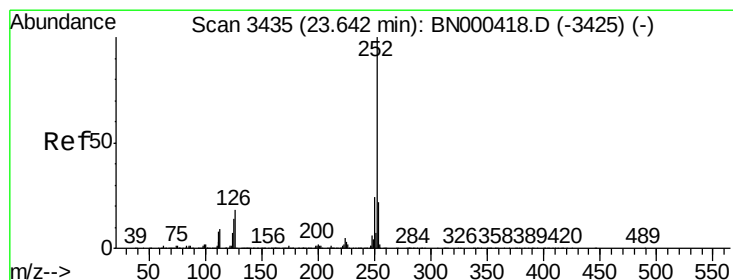
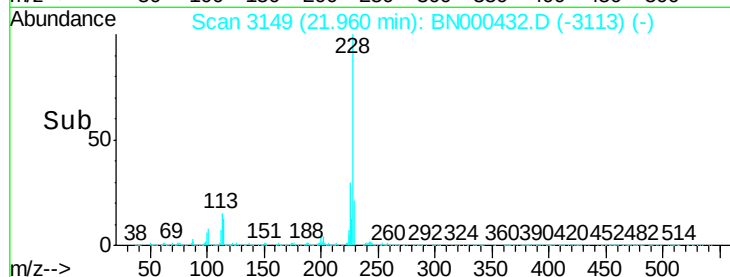
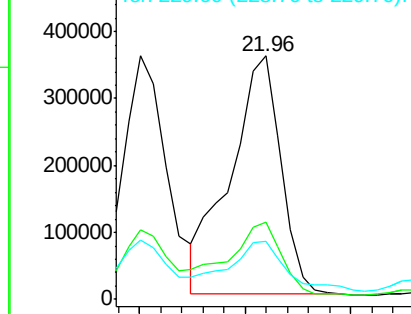
Tot Ion:	228	Resp:	591970
Ion Ratio		Lower	Upper
228	100		
226	31.6	24.5	36.7
229	24.1	15.8	23.8#

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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: 11.181 ng/ul m

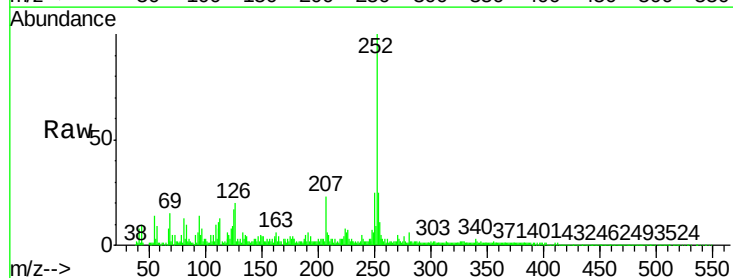
RT: 23.66 min Scan# 3438

Delta R.T. 0.02 min

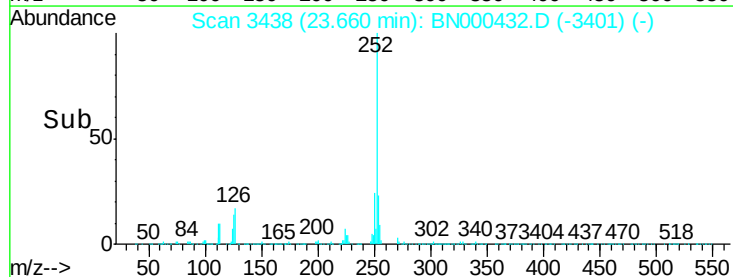
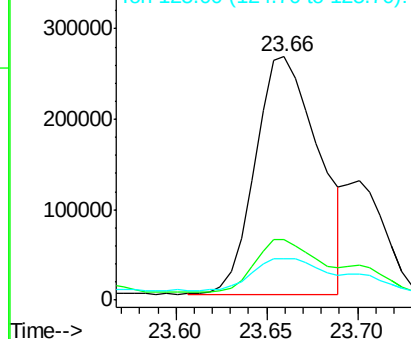
Lab File: BN000432.D

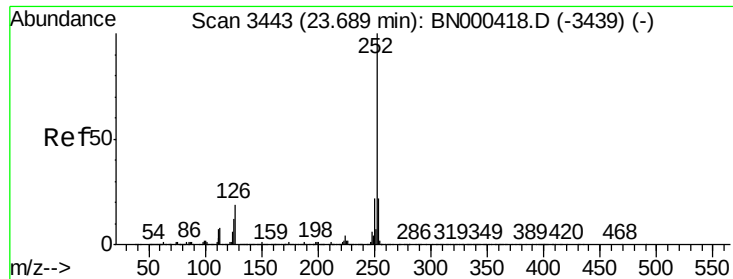
Acq: 16 Mar 2018 00:40

Tgt Ion:	252	Resp:	643756
Ion Ratio		Lower	Upper
252	100		
253	25.1	18.0	27.0
125	17.2	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: 3.500 ng/ul m

RT: 23.70 min Scan# 3445

Delta R.T. 0.01 min

Lab File: BN000432.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_N

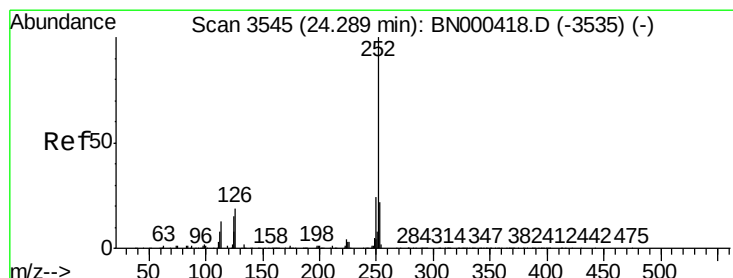
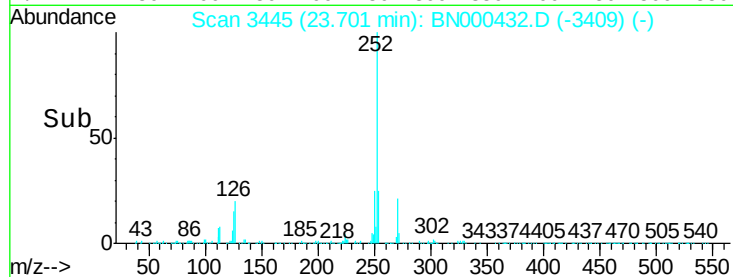
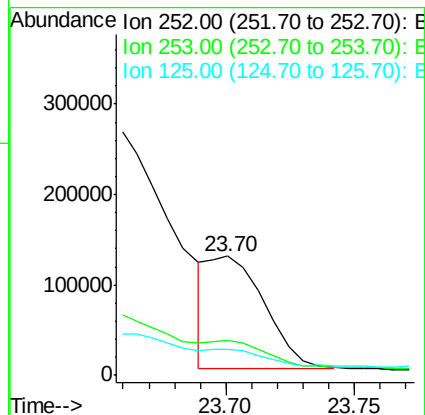
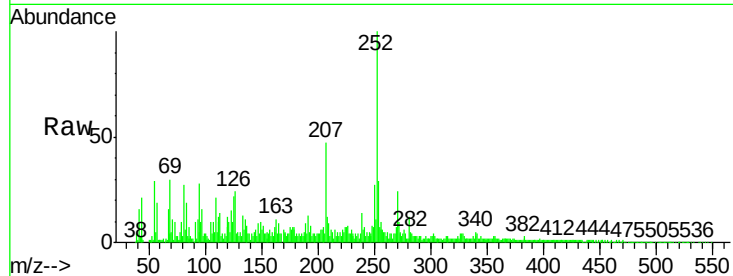
ClientSampleId :

DAMF4

Tot Ion:	252	Resp:	188624
Ion Ratio	Lower	Upper	
252	100		
253	29.4	18.0	27.0#
125	21.6	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 11.530 ng/ul

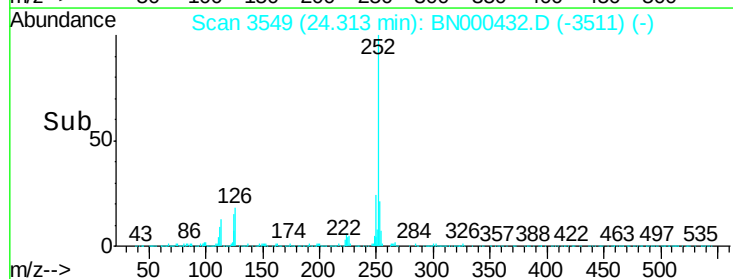
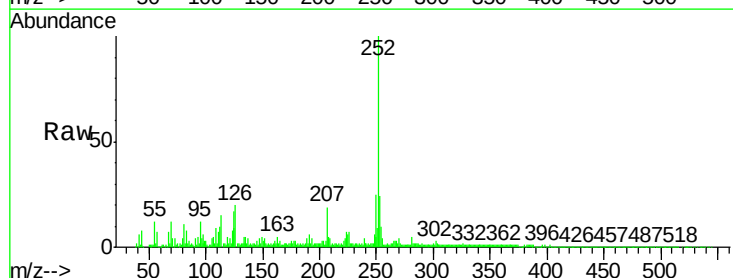
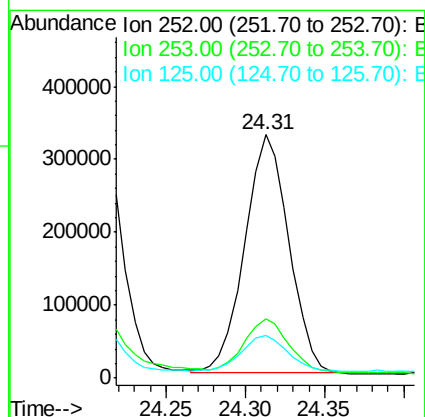
RT: 24.31 min Scan# 3549

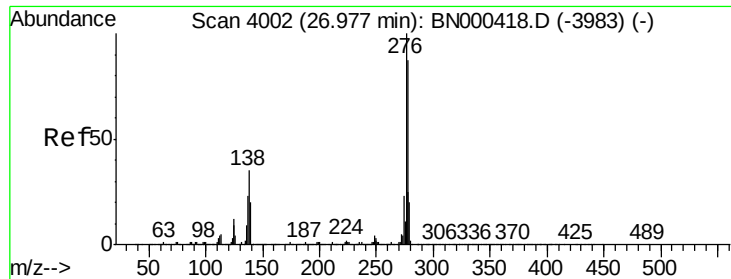
Delta R.T. 0.02 min

Lab File: BN000432.D

Acq: 16 Mar 2018 00:40

Tgt Ion:	252	Resp:	631779
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.2	25.8
125	17.4	8.2	12.4#





#27

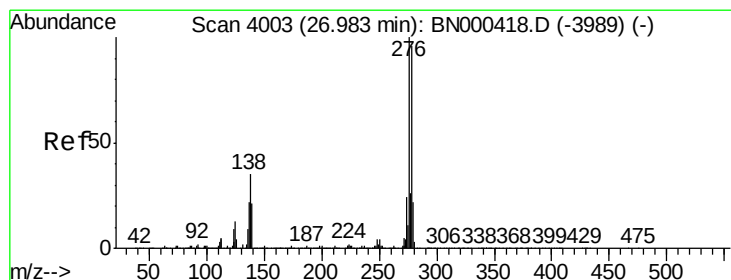
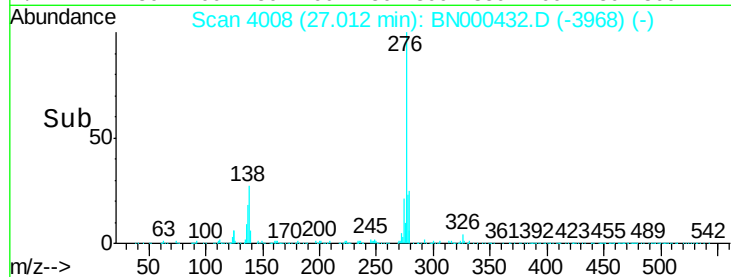
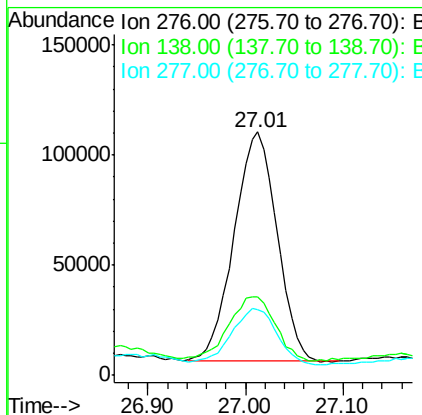
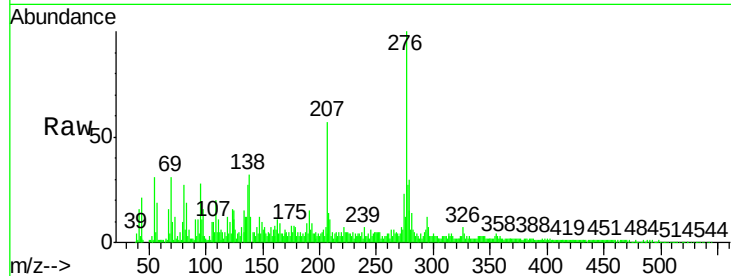
Indeno(1,2,3-cd)pyrene
Concen: 5.434 ng/ul
RT: 27.01 min Scan# 4008
Delta R.T. 0.04 min
Lab File: BN000432.D
Acq: 16 Mar 2018 00:40

Instrument :
BNA_N
ClientSampled :
DAMF4

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	14.4	21.6#
277	27.0	18.0	27.0#

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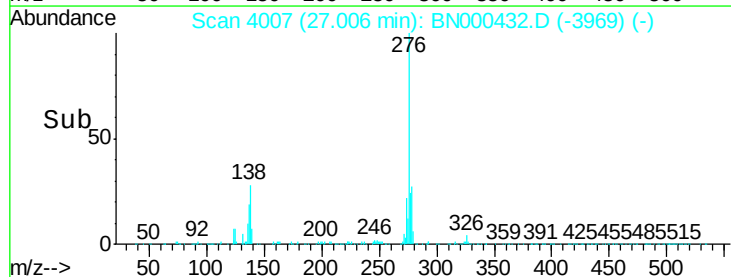
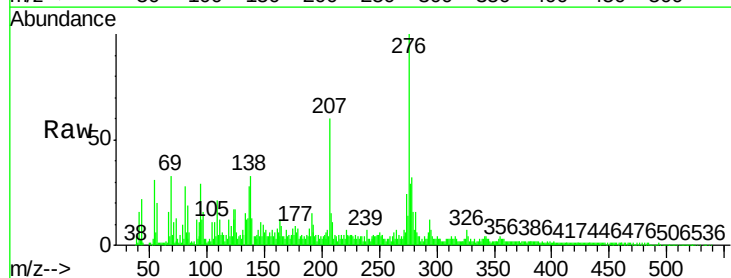
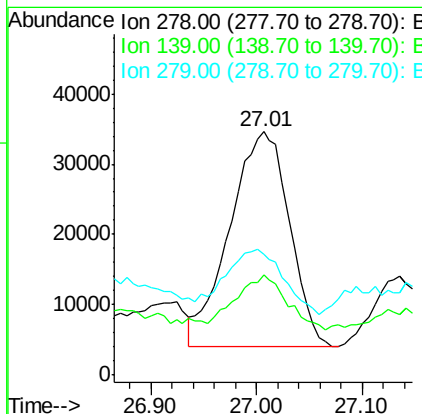
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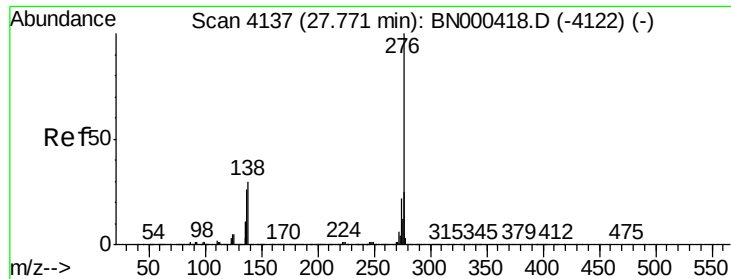


#28

Dibenzo(a,h)anthracene
Concen: 2.458 ng/ul
RT: 27.01 min Scan# 4007
Delta R.T. 0.02 min
Lab File: BN000432.D
Acq: 16 Mar 2018 00:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	41.2	12.2	18.4#
279	49.5	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 15.284 ng/ul

RT: 27.82 min Scan# 4146

Delta R.T. 0.05 min

Lab File: BN000432.D

Acq: 16 Mar 2018 00:40

Instrument :

BNA_N

ClientSampleId :

DAMF4

Tot Ion:	276	Resp:	753960
Ion Ratio		Lower	Upper
276	100		
138	30.8	15.3	22.9#
277	25.1	19.0	28.4

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