

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
 Data File : BN000417.D
 Acq On : 15 Mar 2018 15:58
 Operator : JU/SJ
 Sample : J1864-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMB5

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Quant Time: Mar 16 06:38:15 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 05:42:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	259824	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1212820	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	658404	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1371145	20.00	ng/ul	0.00
17) Chrysene-d12	21.91	240	1036510	20.00	ng/ul	0.00
22) Perylene-d12	24.41	264	948250	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	1041593	15.94	ng/ul	0.00
10) Fluorene-d10	16.05	176	673697	15.22	ng/ul	0.00
14) Anthracene-d10	17.89	188	999464	15.60	ng/ul	0.00
18) Pyrene-d10	20.14	212	964312	19.02	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.24	264	684532	15.81	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	86909	1.358	ng/ul	99
9) Acenaphthene	15.13	153	57083	1.249	ng/ul	99
11) Fluorene	16.10	166	70915	1.407	ng/ul	94
13) Phenanthrene	17.83	178	1204638	15.319	ng/ul	99
15) Anthracene	17.92	178	274554	3.441	ng/ul	99
16) Fluoranthene	19.81	202	1738936	20.467	ng/ul#	93
19) Pyrene	20.17	202	1347736	20.595	ng/ul#	90
20) Benzo(a)anthracene	21.90	228	629223	9.765	ng/ul	97
21) Chrysene	21.95	228	594356m	9.720	ng/ul	
23) Benzo(b)fluoranthene	23.65	252	770215	13.621	ng/ul#	93
24) Benzo(k)fluoranthene	23.69	252	191948m	3.627	ng/ul	
26) Benzo(a)pyrene	24.29	252	457154	8.495	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.98	276	307676	5.302	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.97	278	83947	1.765	ng/ul#	78
29) Benzo(g,h,i)perylene	27.78	276	297035	6.131	ng/ul#	87

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

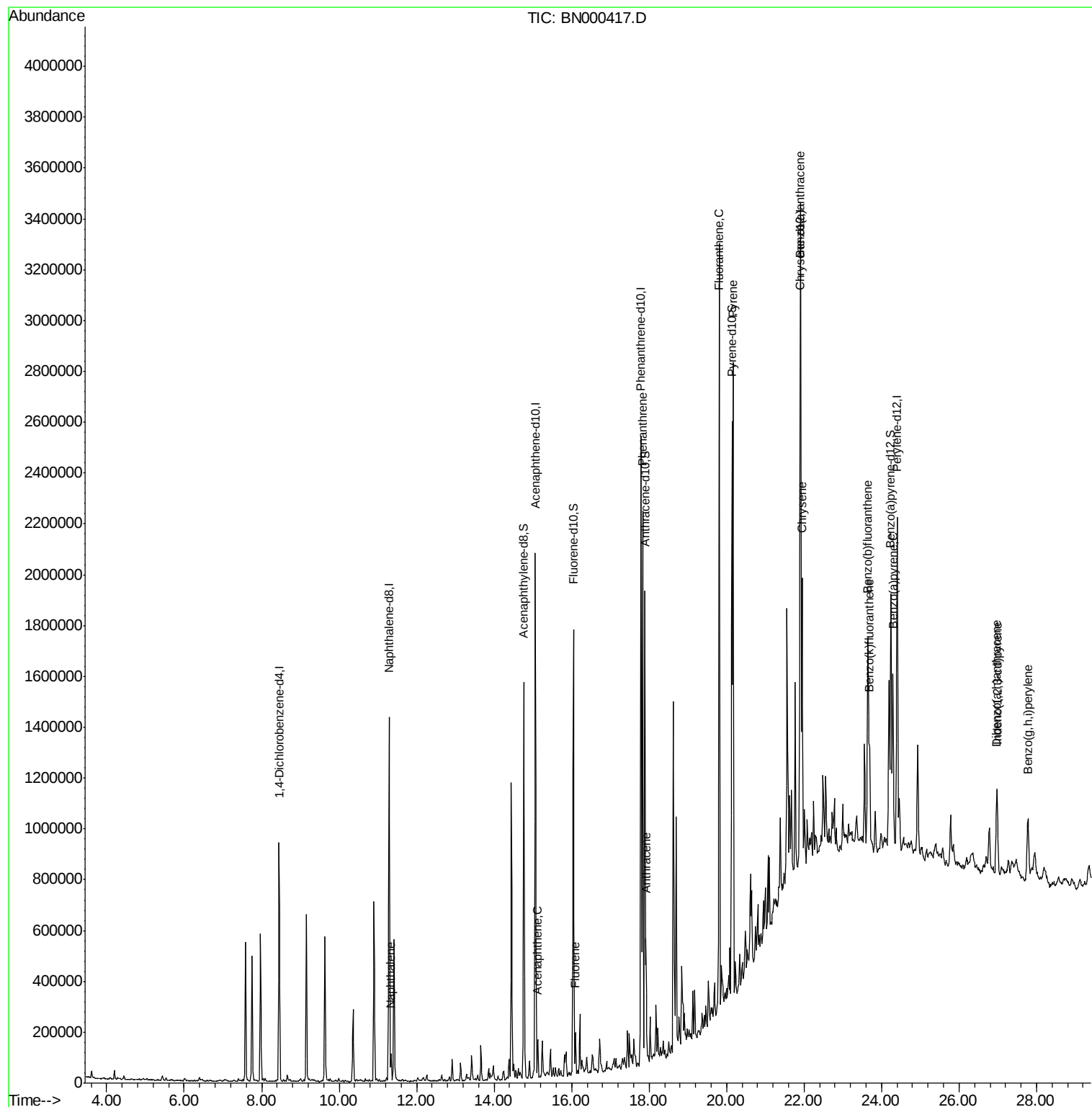
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031518\
Data File : BN000417.D
Acq On : 15 Mar 2018 15:58
Operator : JU/SJ
Sample : J1864-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

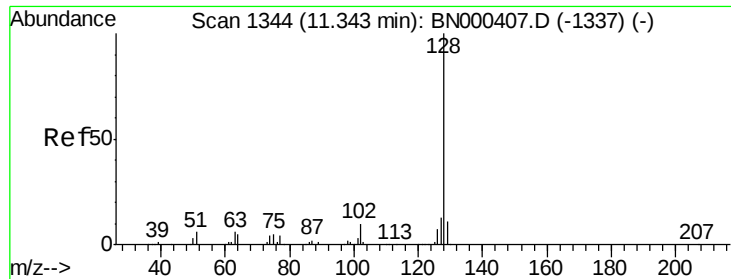
Instrument :
BNA_N
ClientSampled :
DAMB5

Quant Time: Mar 16 06:38:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 05:42:40 2018
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#3

Naphthalene

Concen: 1.358 ng/ul

RT: 11.34 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

Instrument :

BNA_N

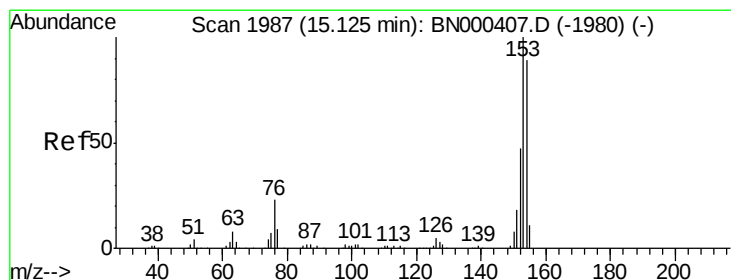
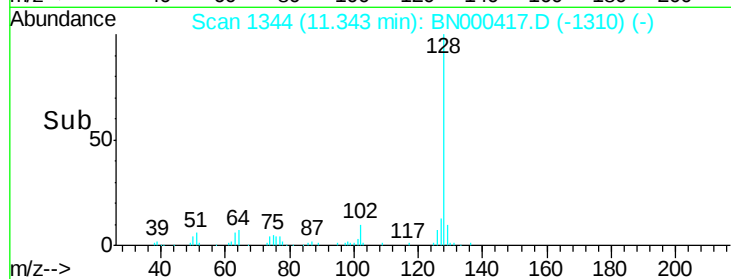
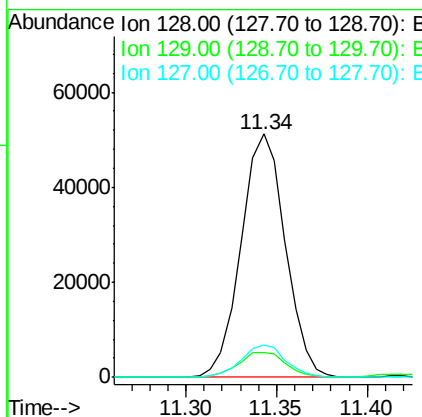
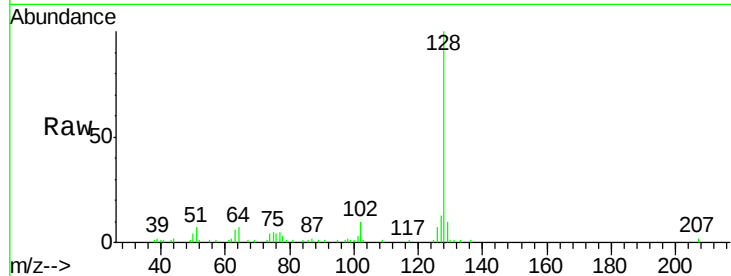
ClientSampleId :

DAMB5

Tot Ion:	128	Resp:	86909
Ion Ratio	Lower	Upper	
128	100		
129	10.3	8.7	13.1
127	13.4	10.6	16.0

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#9

Acenaphthene

Concen: 1.249 ng/ul

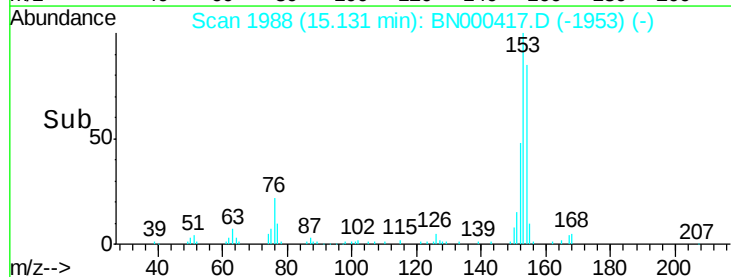
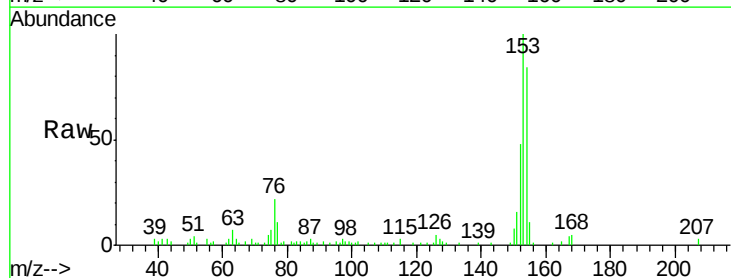
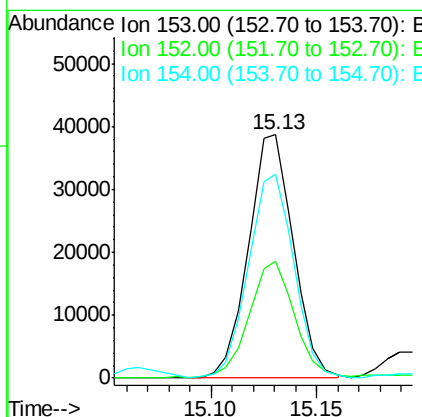
RT: 15.13 min Scan# 1988

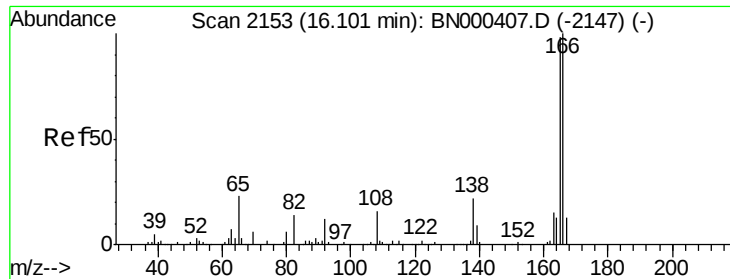
Delta R.T. 0.01 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

Tgt Ion:	153	Resp:	57083
Ion Ratio	Lower	Upper	
153	100		
152	47.9	39.0	58.6
154	83.9	66.8	100.2





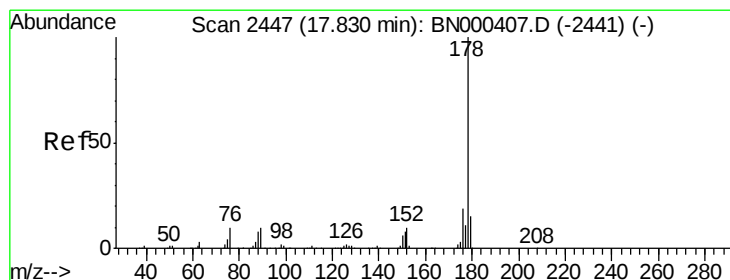
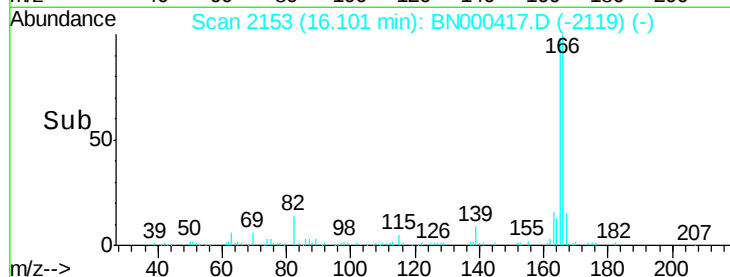
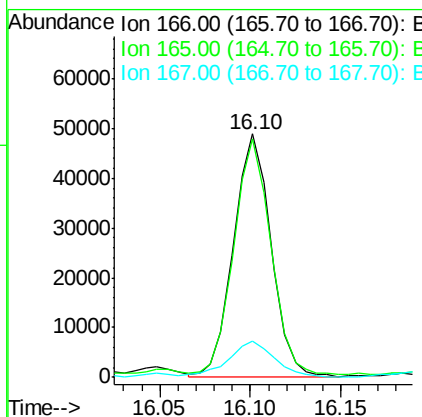
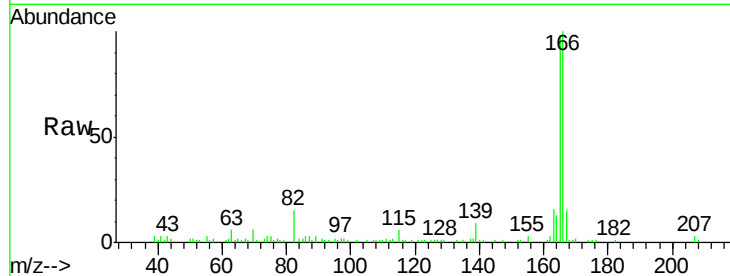
#11
Fluorene
 Concen: 1.407 ng/ul
 RT: 16.10 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BN000417.D
 Acq: 15 Mar 2018 15:58

Instrument :
 BNA_N
 ClientSampleId :
 DAMB5

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	83.8	125.8
167	14.8	11.5	17.3

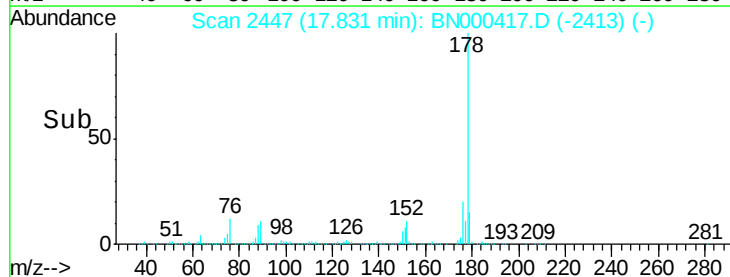
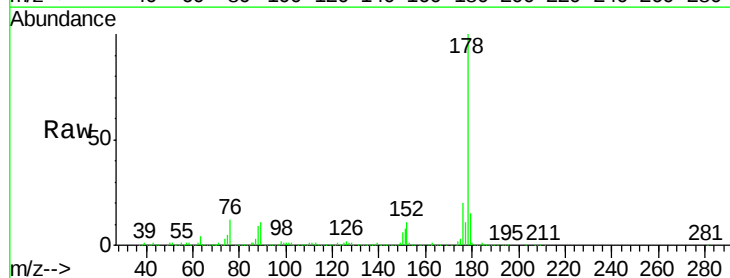
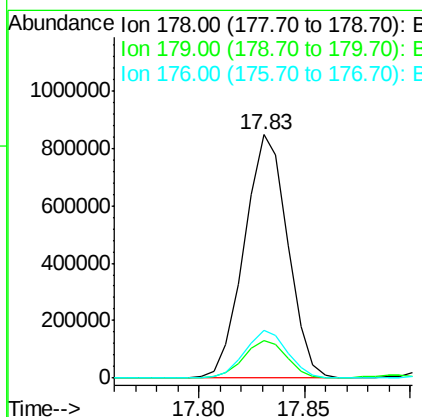
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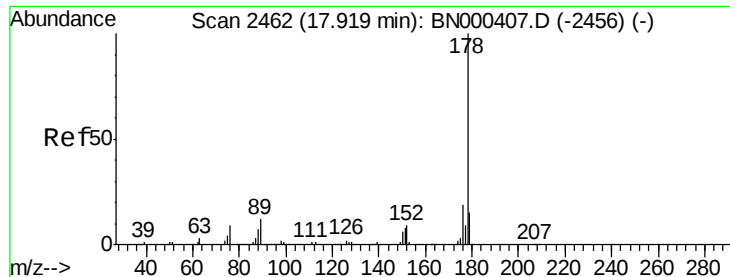
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#13
Phenanthrene
 Concen: 15.319 ng/ul
 RT: 17.83 min Scan# 2447
 Delta R.T. 0.00 min
 Lab File: BN000417.D
 Acq: 15 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.6	15.1	22.7





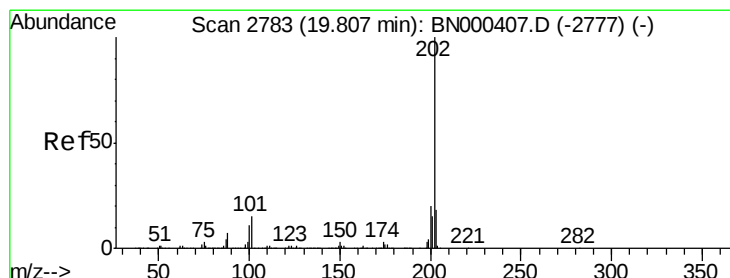
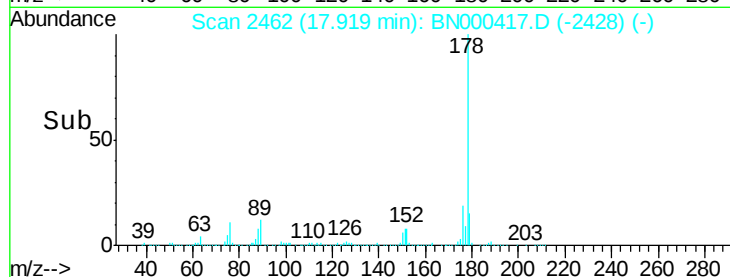
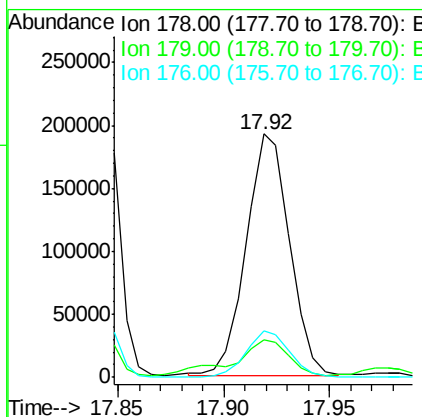
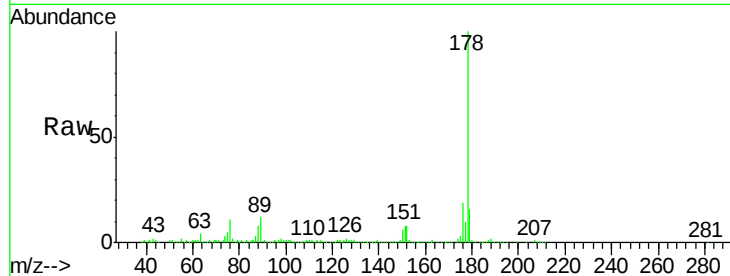
#15
 Anthracene
 Concen: 3.441 ng/ul
 RT: 17.92 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BN000417.D
 Acq: 15 Mar 2018 15:58

Instrument :
 BNA_N
 ClientSampleId :
 DAMB5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.9	15.2	22.8

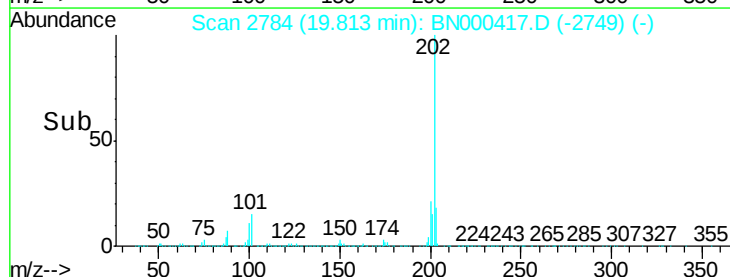
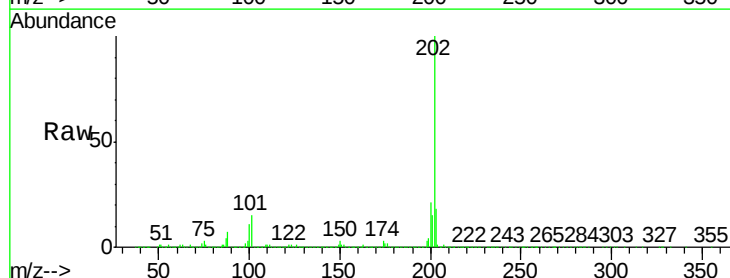
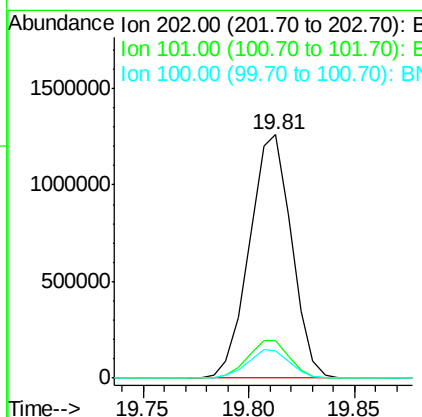
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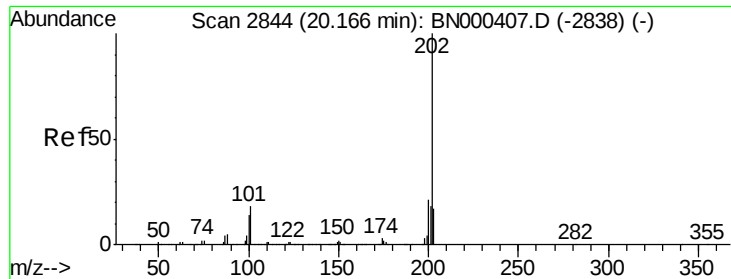
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#16
 Fluoranthene
 Concen: 20.467 ng/ul
 RT: 19.81 min Scan# 2784
 Delta R.T. 0.01 min
 Lab File: BN000417.D
 Acq: 15 Mar 2018 15:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.3	7.4	11.0#





#19

Pvrene

Concen: 20.595 ng/ul

RT: 20.17 min Scan# 2845

Delta R.T. 0.01 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

DAMB5

Tot Ion:202 Resp: 1347736

Ion Ratio Lower Upper

202 100

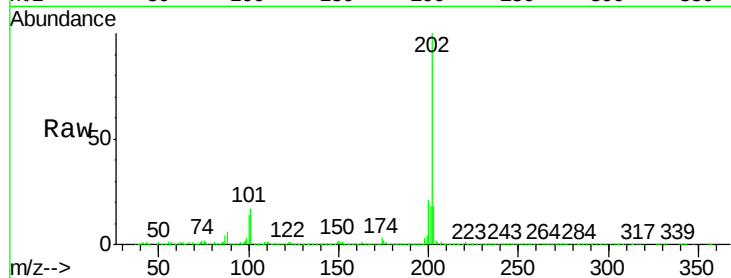
101 17.4 11.0 16.4#

100 14.2 8.1 12.1#

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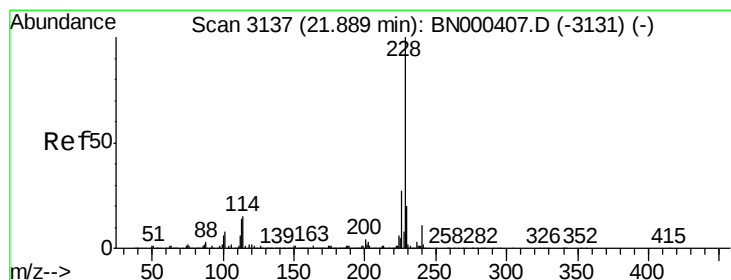
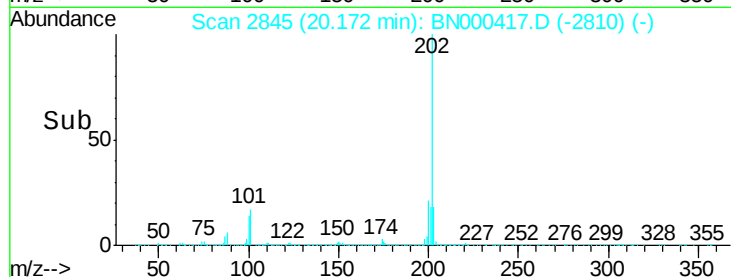
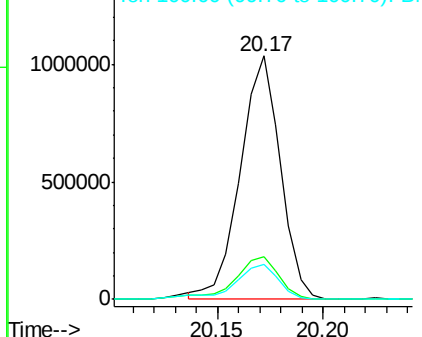
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Benzo(a)anthracene

Concen: 9.765 ng/ul

RT: 21.90 min Scan# 3138

Delta R.T. 0.01 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

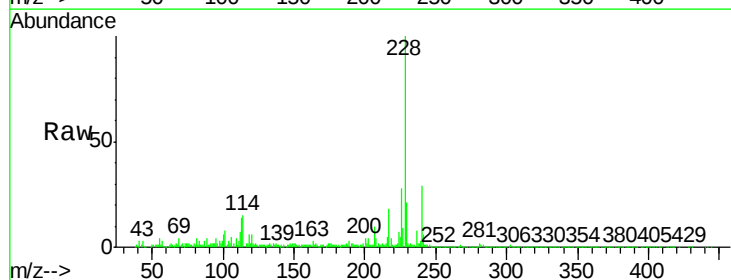
Tgt Ion:228 Resp: 629223

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

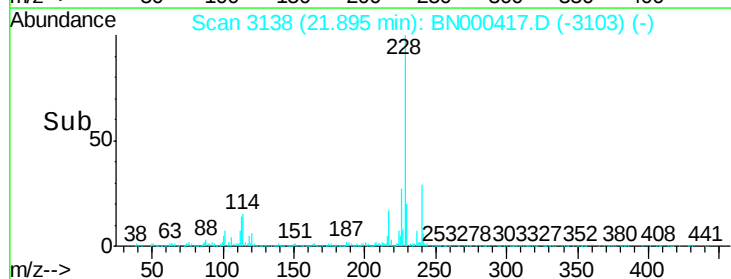
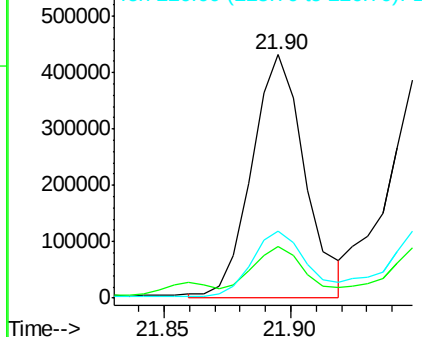
226 27.7 21.1 31.7

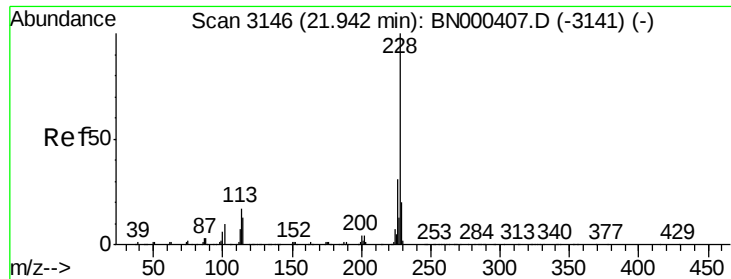


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 9.720 ng/ul m

RT: 21.95 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

Instrument :

BNA_N

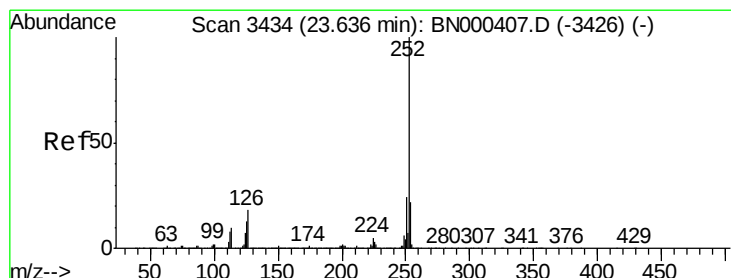
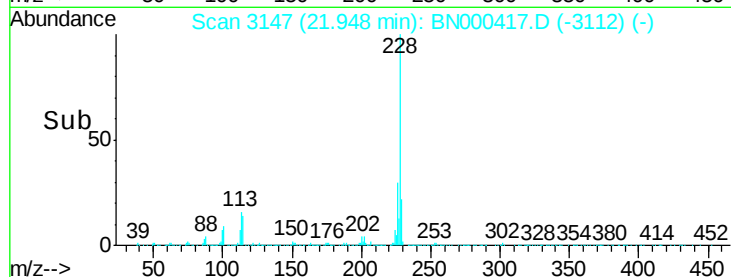
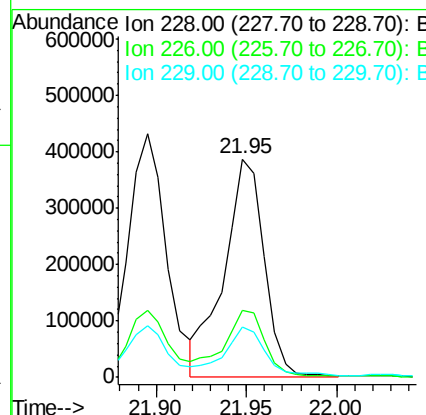
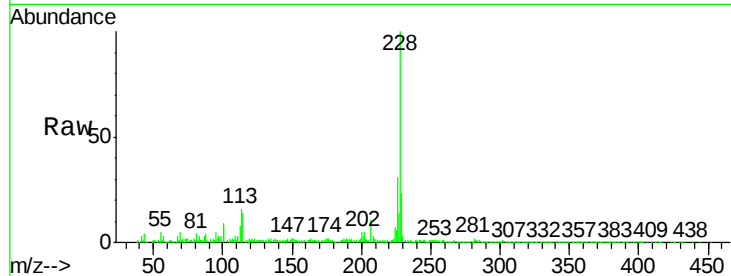
ClientSampled :

DAMB5

Tot Ion:	228	Resp:	594356
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.5	36.7
229	22.9	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 13.621 ng/ul

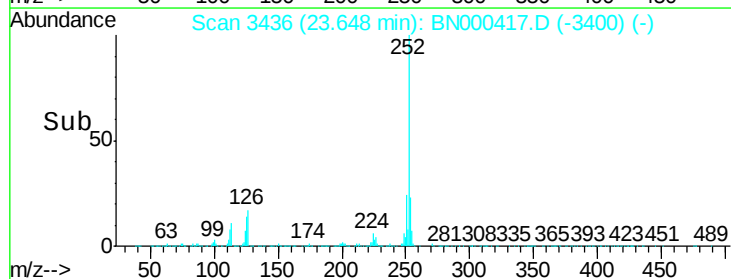
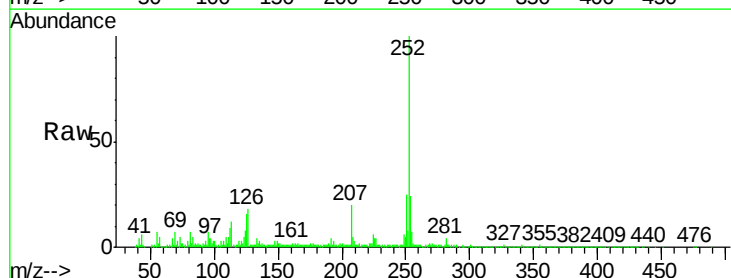
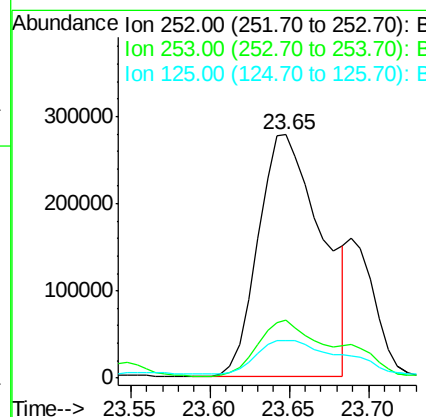
RT: 23.65 min Scan# 3436

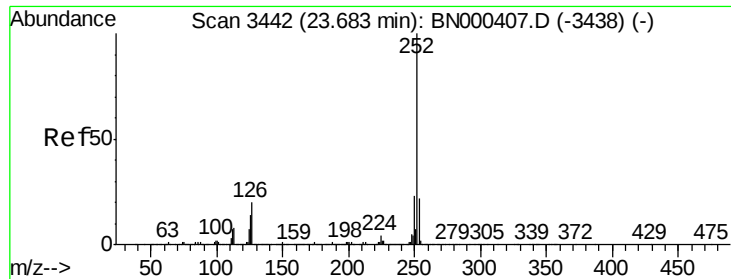
Delta R.T. 0.01 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

Tgt Ion:	252	Resp:	770215
Ion Ratio		Lower	Upper
252	100		
253	23.8	18.0	27.0
125	15.6	8.0	12.0#





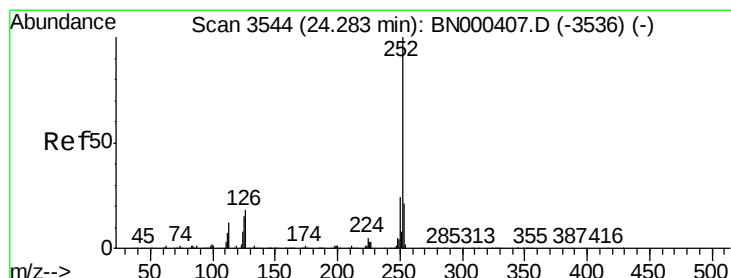
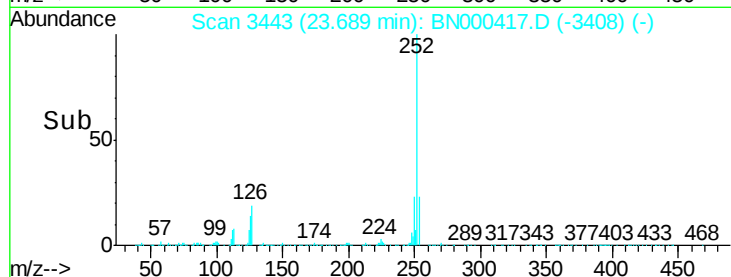
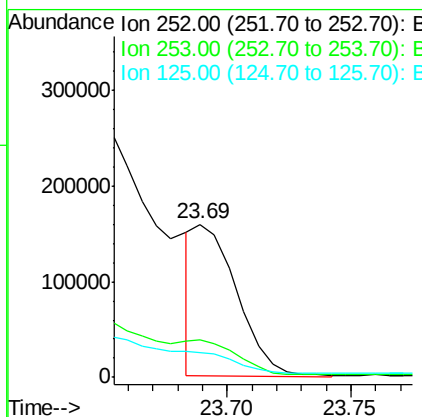
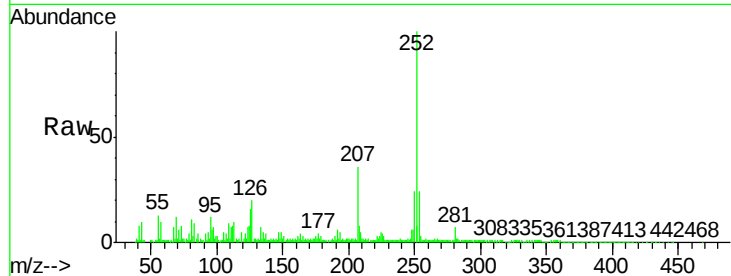
#24
Benzo(k)fluoranthene
Concen: 3.627 ng/ul m
RT: 23.69 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BN000417.D
Acq: 15 Mar 2018 15:58

Instrument :
BNA_N
ClientSampleId :
DAMB5

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.4	18.0	27.0
125	16.3	8.1	12.1#

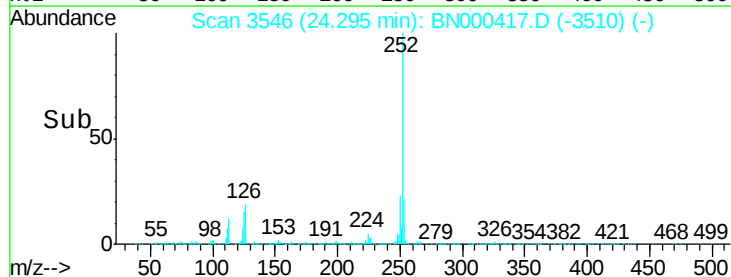
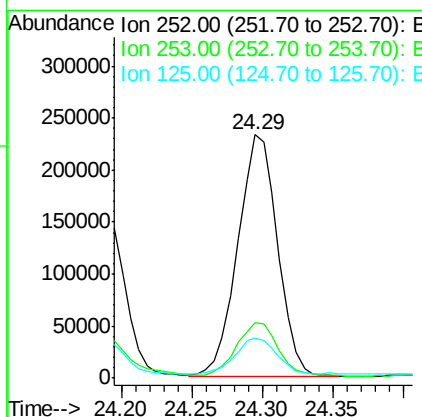
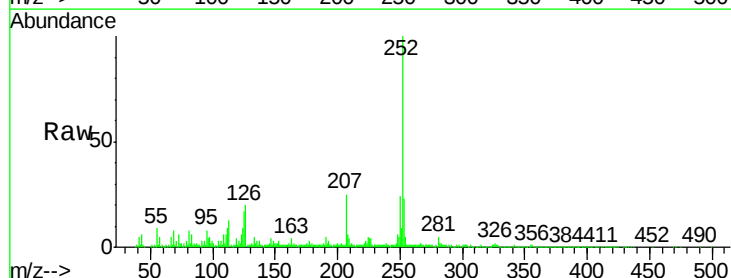
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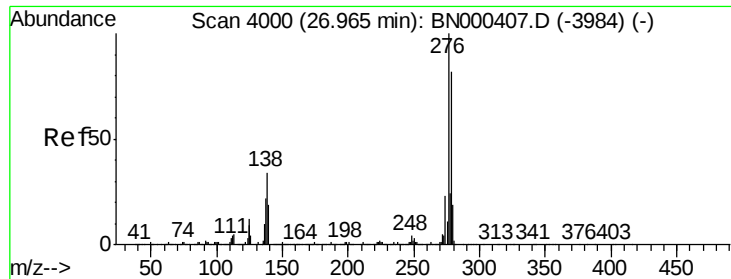
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#26
Benzo(a)pyrene
Concen: 8.495 ng/ul
RT: 24.29 min Scan# 3546
Delta R.T. 0.01 min
Lab File: BN000417.D
Acq: 15 Mar 2018 15:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.8	17.2	25.8
125	16.6	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 5.302 ng/ul

RT: 26.98 min Scan# 4003

Delta R.T. 0.02 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

Instrument :

BNA_N

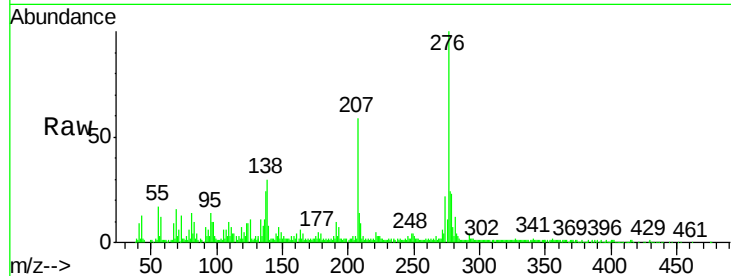
ClientSampleId :

DAMB5

Tot Ion:	276	Resp:	307676
Ion Ratio	Lower	Upper	
276	100		
138	30.2	14.4	21.6#
277	24.5	18.0	27.0

Manual Integrations
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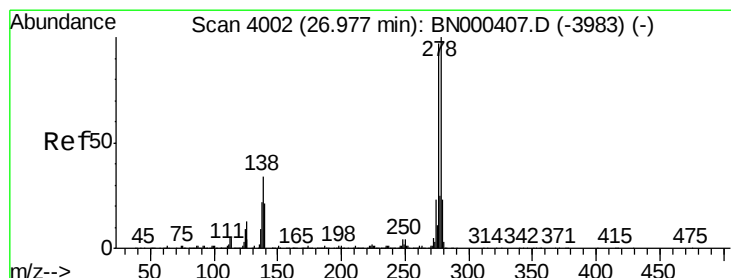
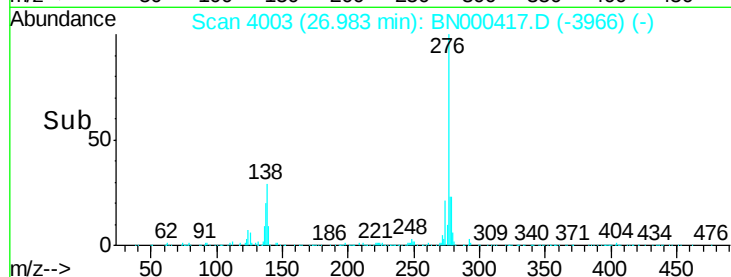
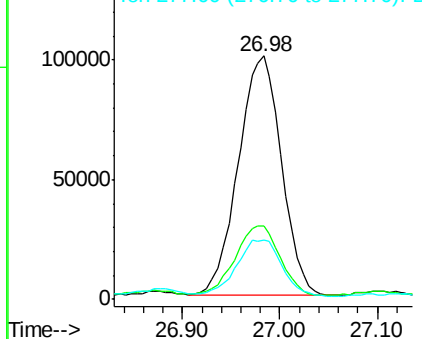
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#28

Dibenzo(a,h)anthracene

Concen: 1.765 ng/ul

RT: 26.97 min Scan# 4001

Delta R.T. -0.01 min

Lab File: BN000417.D

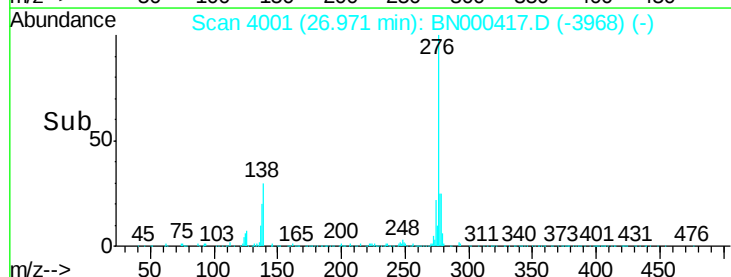
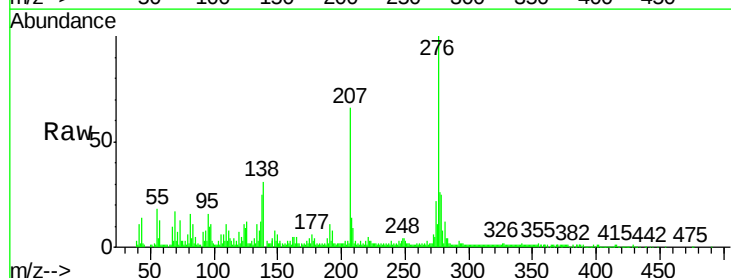
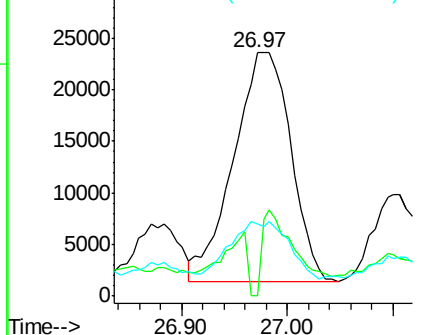
Acq: 15 Mar 2018 15:58

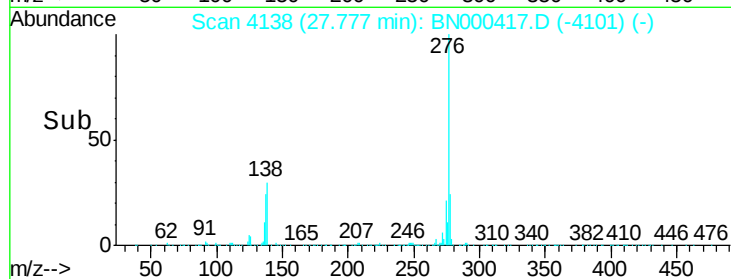
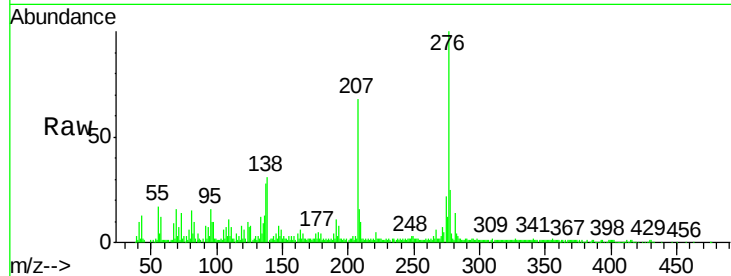
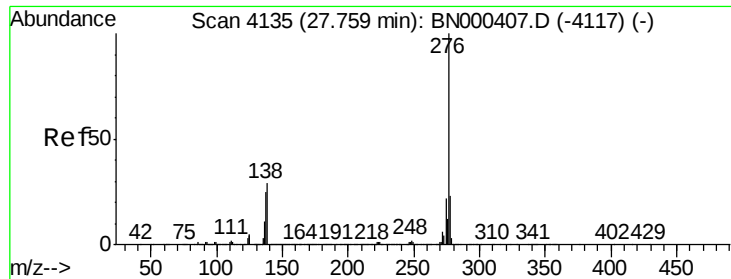
Tgt Ion:	278	Resp:	83947
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.2	18.4#
279	29.9	19.2	28.8#

Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 6.131 ng/ul

RT: 27.78 min Scan# 4138

Delta R.T. 0.02 min

Lab File: BN000417.D

Acq: 15 Mar 2018 15:58

Instrument :

BNA_N

ClientSampleId :

DAMB5

Tot Ion:	276	Resp:	297035
Ion Ratio	Lower	Upper	
276	100		
138	31.0	15.3	22.9#
277	25.1	19.0	28.4

Manual Integrations
APPROVED

Sohil
3/16/2018 12:11:22 PM

