

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
 Data File : BN000438.D
 Acq On : 16 Mar 2018 10:15
 Operator : JU/SJ
 Sample : J1864-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMA6DL

Manual Integrations
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Quant Time: Mar 16 18:00:42 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 16 15:34:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	216424	20.00	ng/ul	0.00
2) Naphthalene-d8	11.30	136	1002978	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.07	164	557120	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.80	188	1184395	20.00	ng/ul	0.01
17) Chrysene-d12	21.92	240	954092	20.00	ng/ul	0.01
22) Perylene-d12	24.42	264	897323	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.77	160	368381	6.66	ng/ul	0.00
10) Fluorene-d10	16.05	176	245503	6.56	ng/ul	0.00
14) Anthracene-d10	17.90	188	366283	6.62	ng/ul	0.00
18) Pyrene-d10	20.15	212	363714	7.79	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.26	264	273584	6.68	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	11.35	128	59384	1.122	ng/ul	98
8) Acenaphthylene	14.80	152	67131	1.208	ng/ul	98
13) Phenanthrene	17.84	178	1165363	17.157	ng/ul	99
15) Anthracene	17.93	178	215511	3.127	ng/ul	99
16) Fluoranthene	19.82	202	2062509	28.104	ng/ul#	91
19) Pyrene	20.18	202	1609958	26.727	ng/ul#	87
20) Benzo(a)anthracene	21.90	228	953694	16.079	ng/ul	97
21) Chrysene	21.96	228	880020	15.634	ng/ul	97
23) Benzo(b)fluoranthene	23.66	252	1149019m	21.474	ng/ul	
24) Benzo(k)fluoranthene	23.70	252	386711m	7.721	ng/ul	
26) Benzo(a)pyrene	24.31	252	668660	13.130	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.01	276	471708	8.591	ng/ul#	85
28) Dibenzo(a,h)anthracene	27.01	278	136680	3.037	ng/ul#	77
29) Benzo(a,h,i)perylene	27.81	276	393828	8.590	ng/ul#	88

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

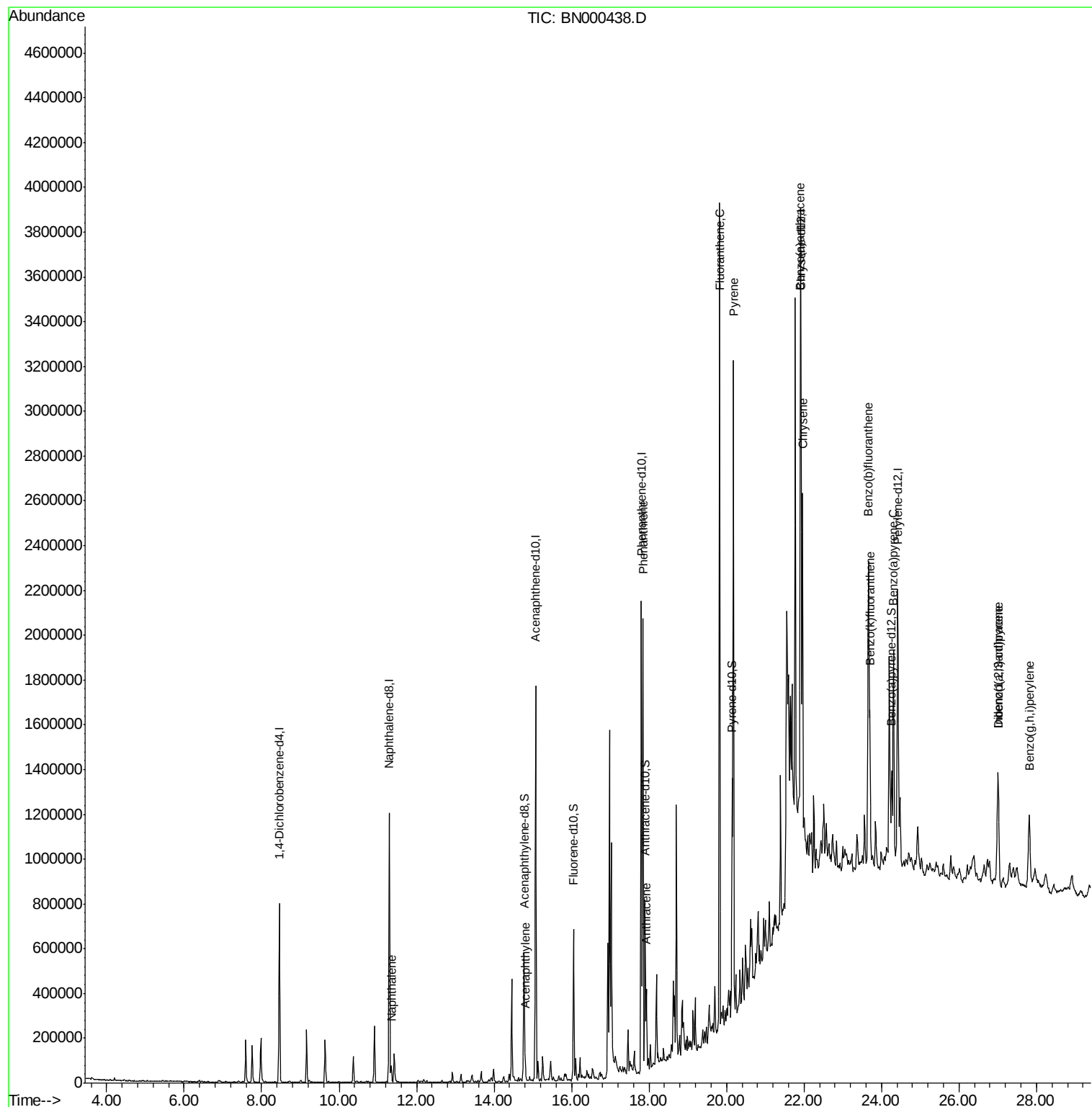
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031618\
Data File : BN000438.D
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ALS Vial : 4 Sample Multiplier: 1

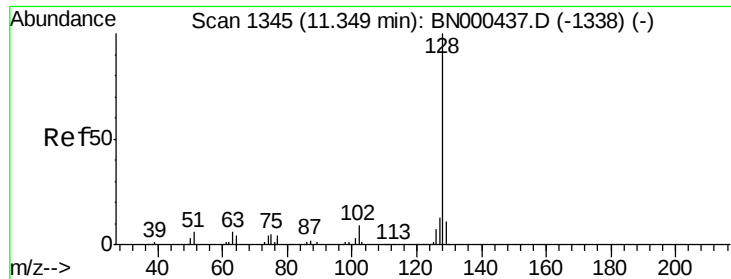
Instrument :
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Quant Time: Mar 16 18:00:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:34:38 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.122 ng/ul

RT: 11.35 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BN000438.D

Acq: 16 Mar 2018 10:15

Instrument :

BNA_N

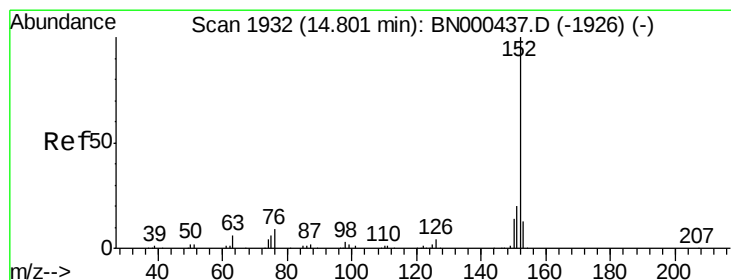
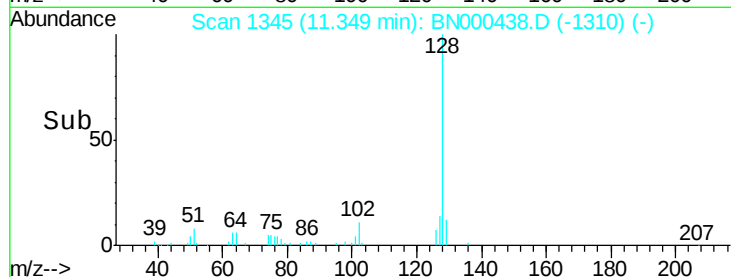
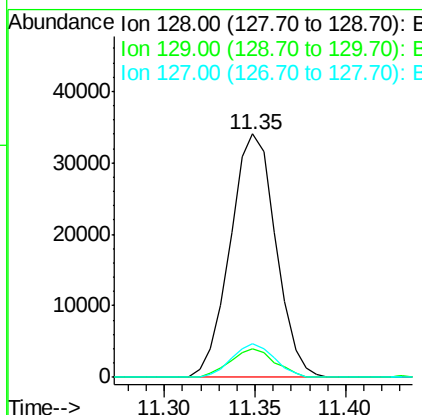
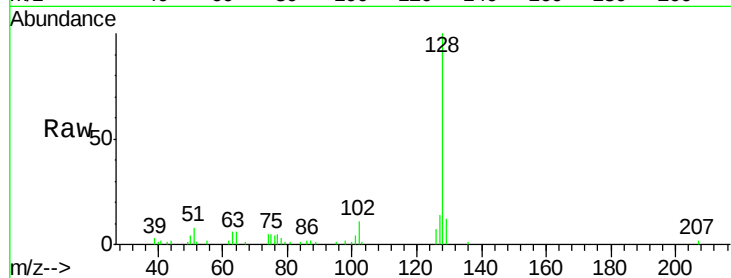
ClientSampleId :

DAMA6DL

Tot Ion:	128	Resp:	59384
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.7	13.1
127	13.8	10.6	16.0

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#8

Acenaphthylene

Concen: 1.208 ng/ul

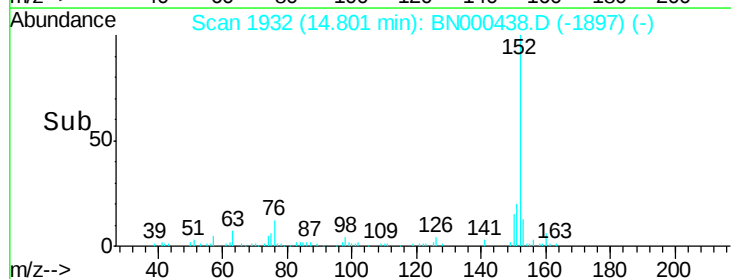
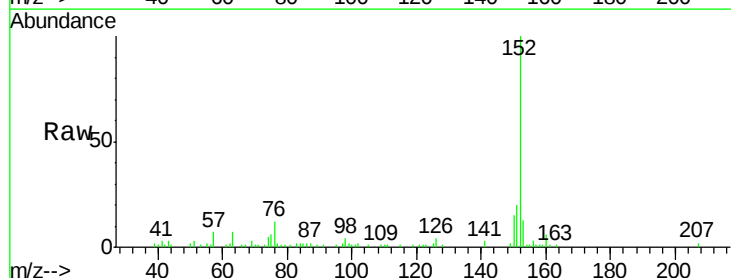
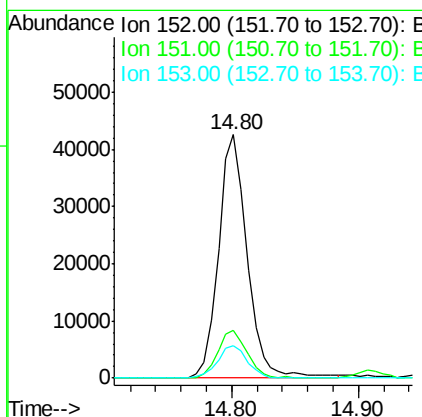
RT: 14.80 min Scan# 1932

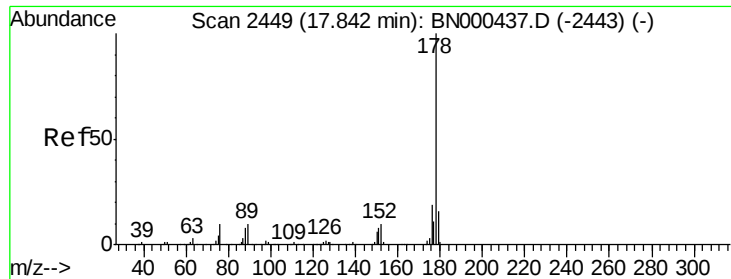
Delta R.T. 0.01 min

Lab File: BN000438.D

Acq: 16 Mar 2018 10:15

Tgt Ion:	152	Resp:	67131
Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.7	25.1
153	13.3	10.2	15.4





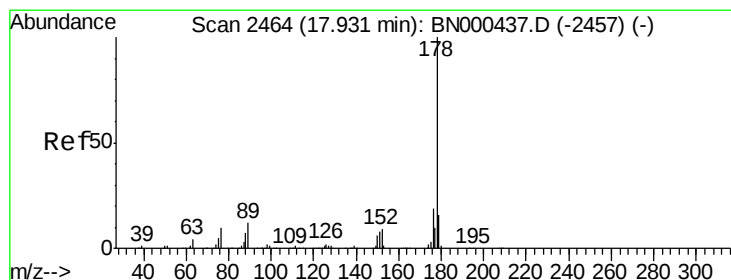
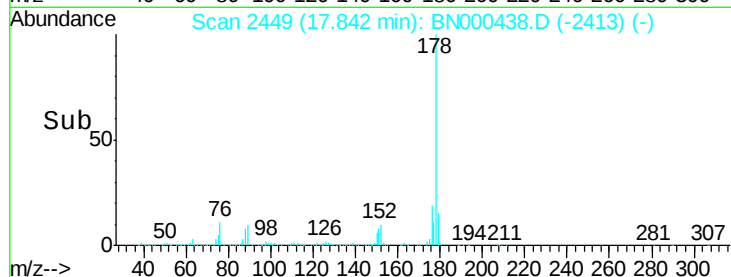
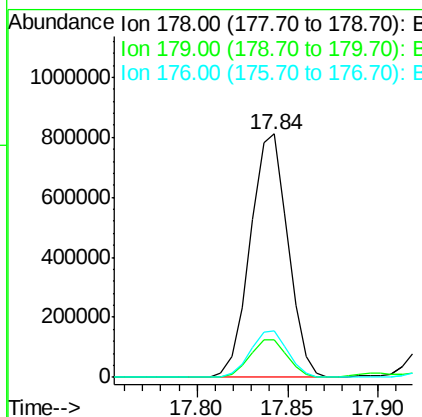
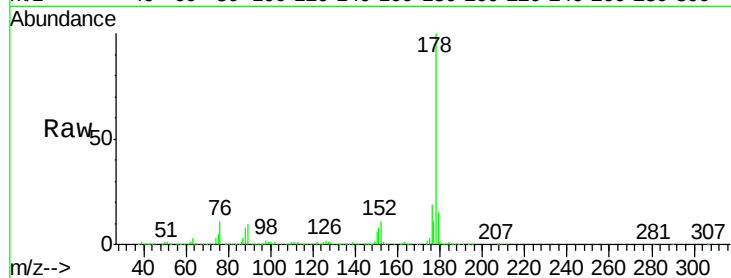
#13
Phenanthrene
Concen: 17.157 ng/ul
RT: 17.84 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Instrument :
BNA_N
ClientSampleID :
DAMA6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.3	15.1	22.7

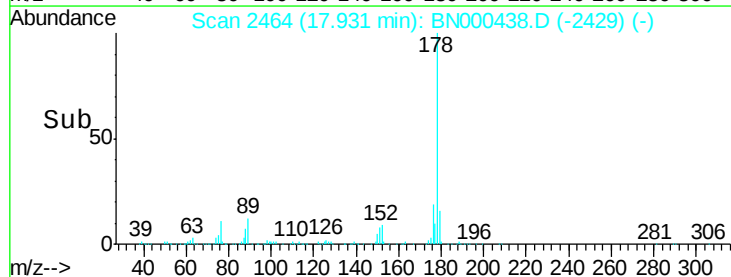
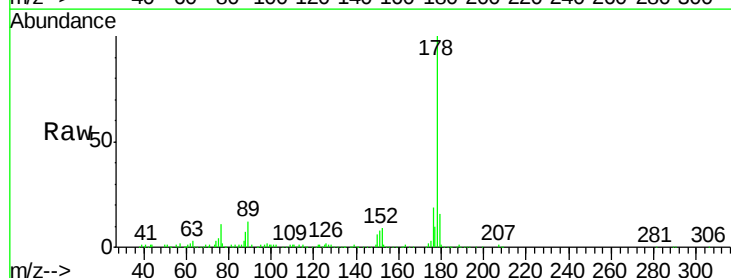
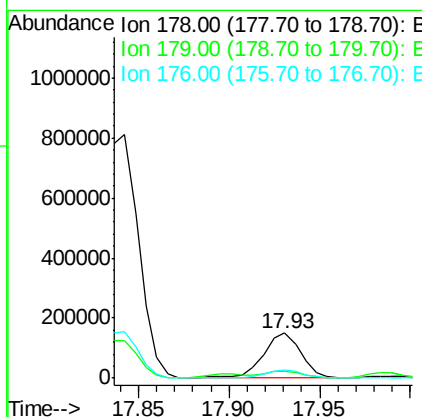
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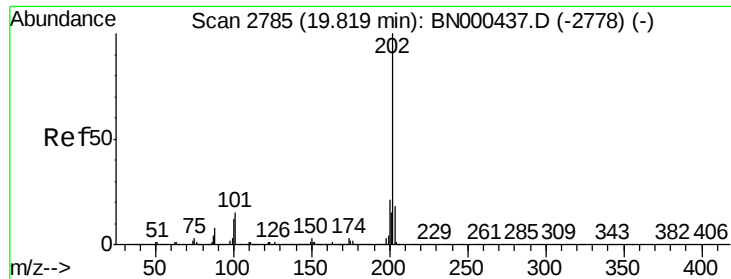
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#15
Anthracene
Concen: 3.127 ng/ul
RT: 17.93 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.2	15.2	22.8





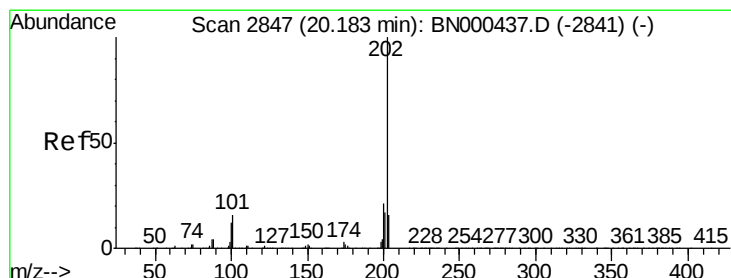
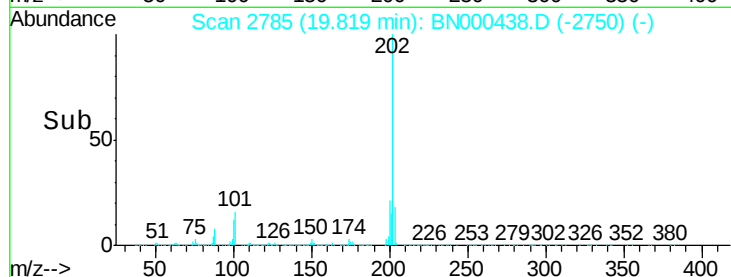
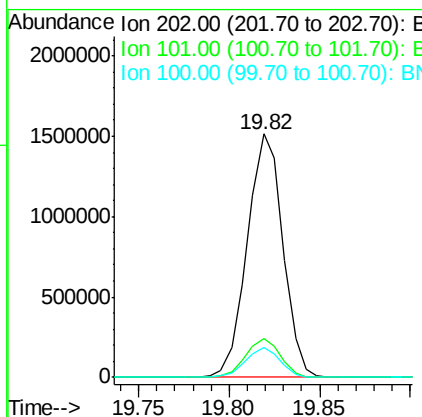
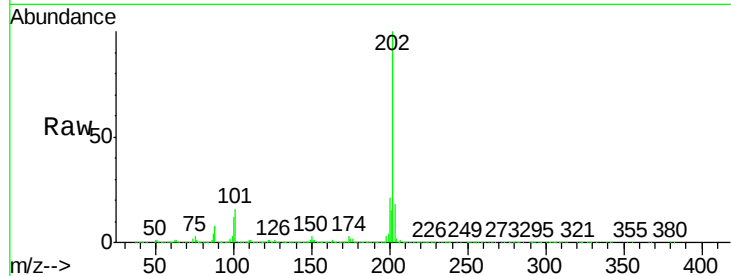
#16
Fluoranthene
Concen: 28.104 ng/ul
RT: 19.82 min Scan# 2785
Delta R.T. 0.01 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Instrument :
BNA_N
ClientSampleID :
DAMA6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.0	9.9	14.9#
100	12.0	7.4	11.0#

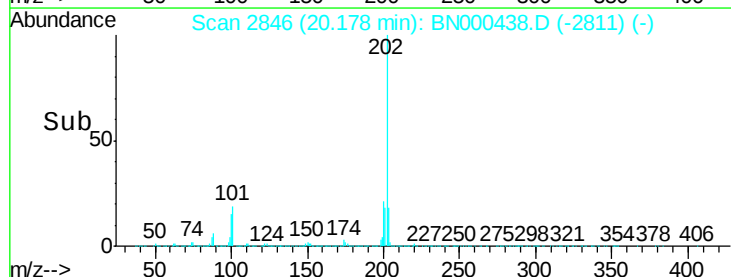
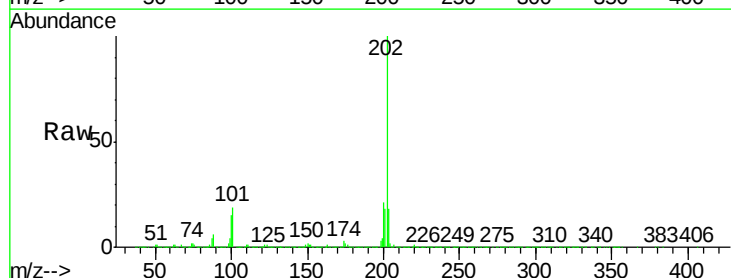
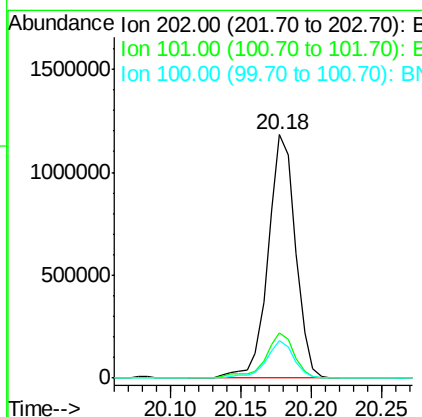
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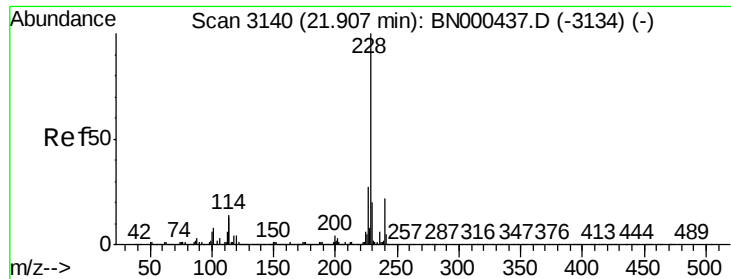
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#19
Pyrene
Concen: 26.727 ng/ul
RT: 20.18 min Scan# 2846
Delta R.T. 0.01 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.5	11.0	16.4#
100	15.2	8.1	12.1#





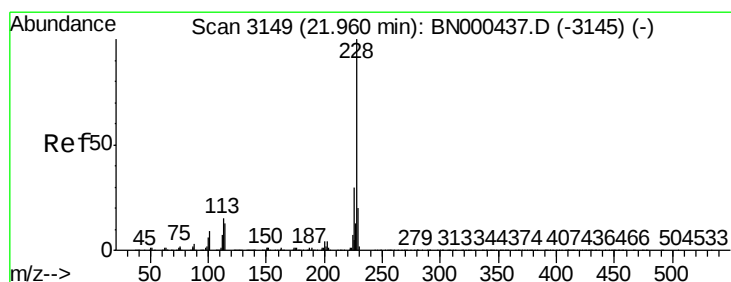
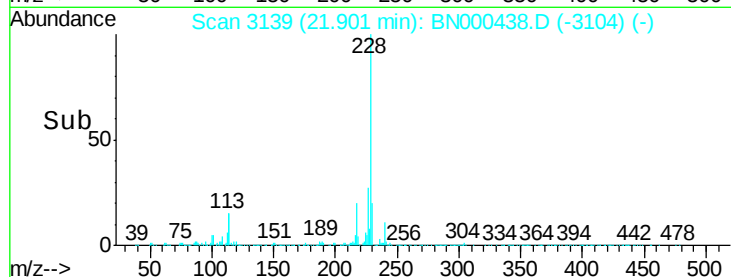
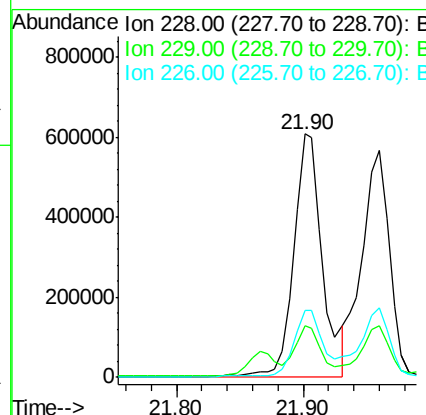
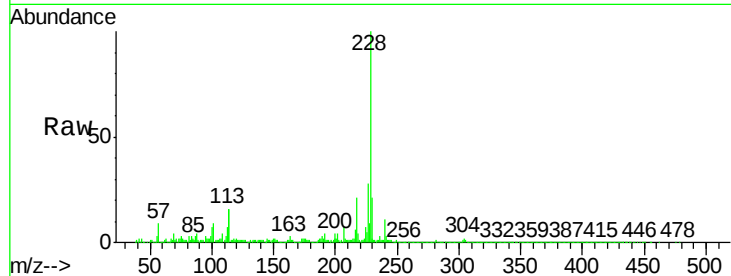
#20
Benzo(a)anthracene
Concen: 16.079 ng/ul
RT: 21.90 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Instrument :
BNA_N
ClientSampleId :
DAMA6DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	27.6	21.1	31.7

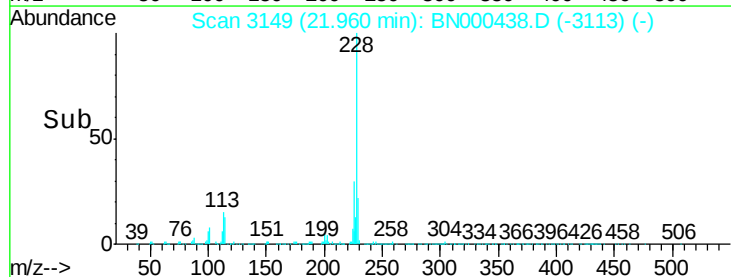
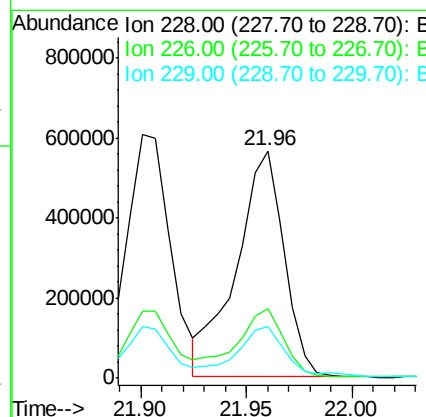
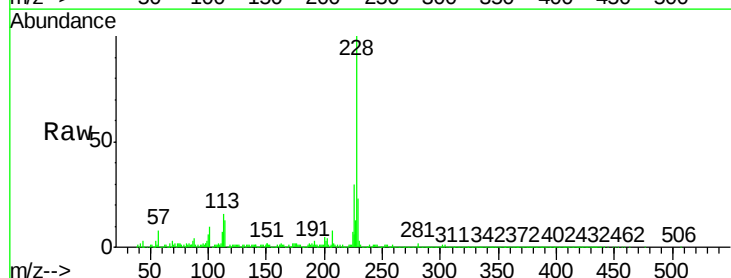
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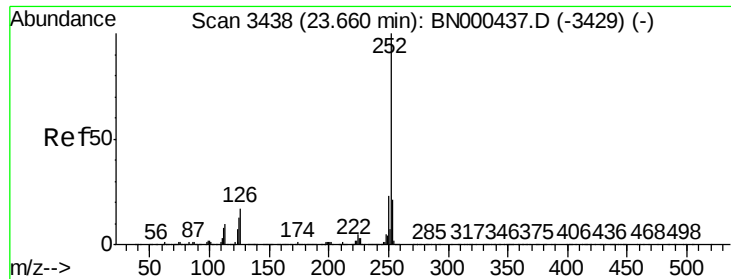
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#21
Chrysene
Concen: 15.634 ng/ul
RT: 21.96 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.7	15.8	23.8





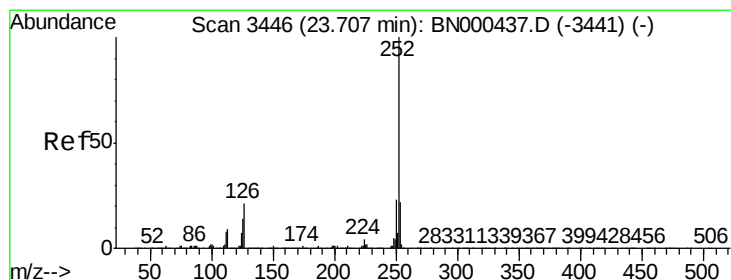
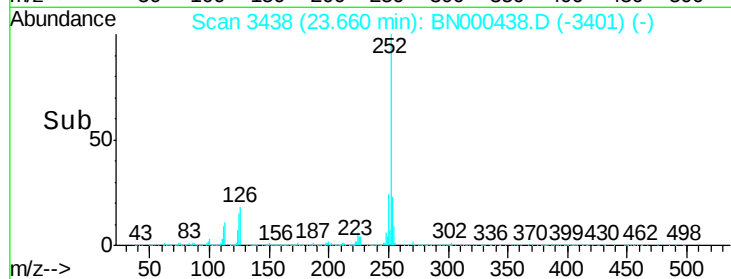
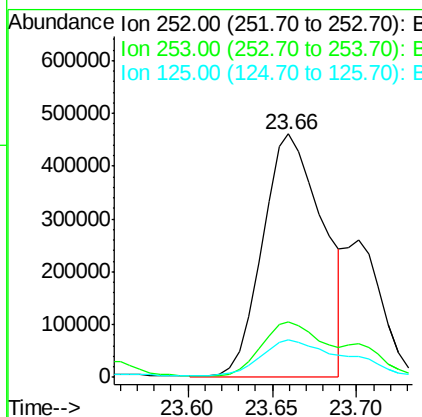
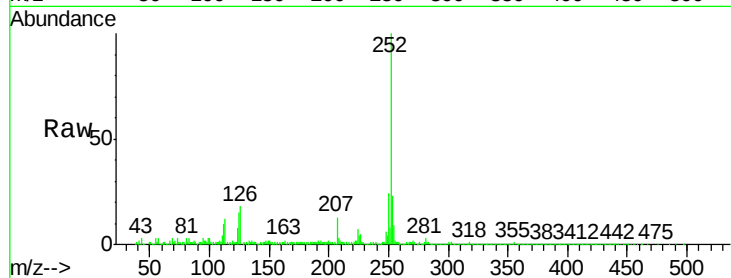
#23
Benzo(b)fluoranthene
Concen: 21.474 ng/ul m
RT: 23.66 min Scan# 3438
Delta R.T. 0.02 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Instrument :
BNA_N
ClientSampleId :
DAMA6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.3	8.0	12.0

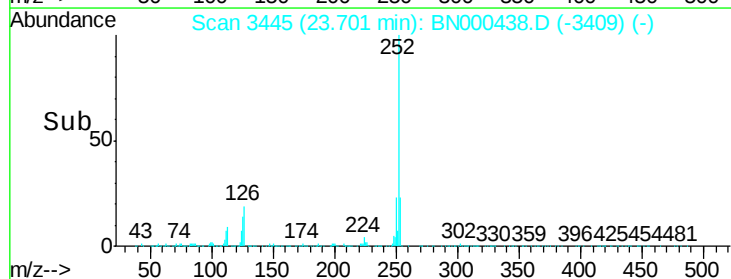
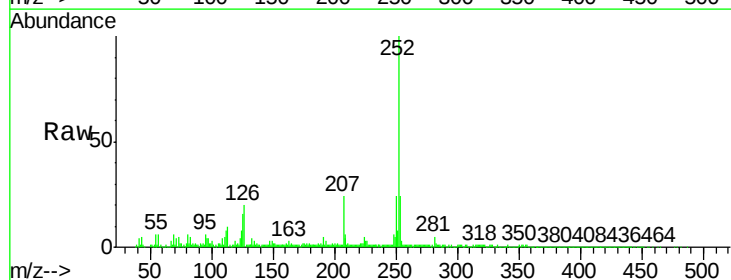
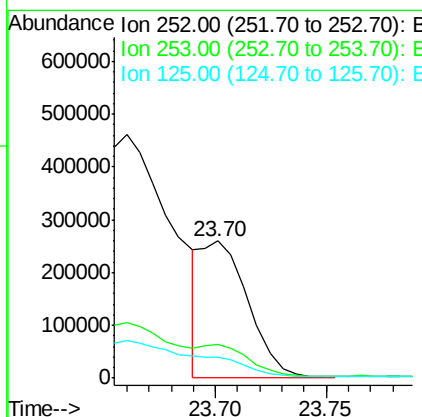
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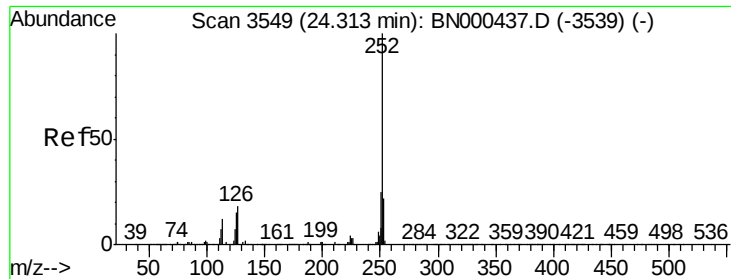
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#24
Benzo(k)fluoranthene
Concen: 7.721 ng/ul m
RT: 23.70 min Scan# 3445
Delta R.T. 0.01 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	15.5	8.1	12.1





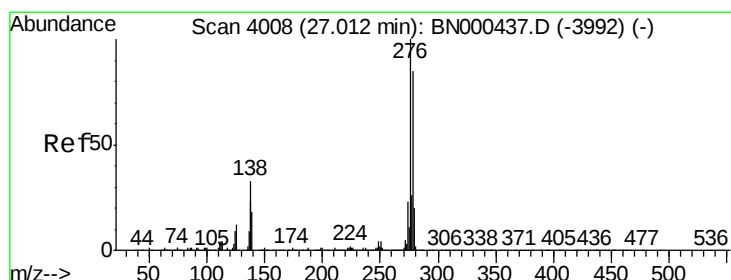
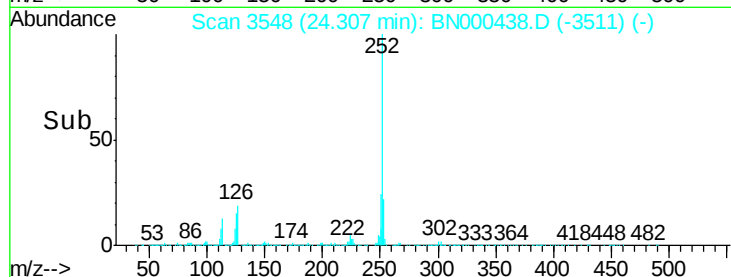
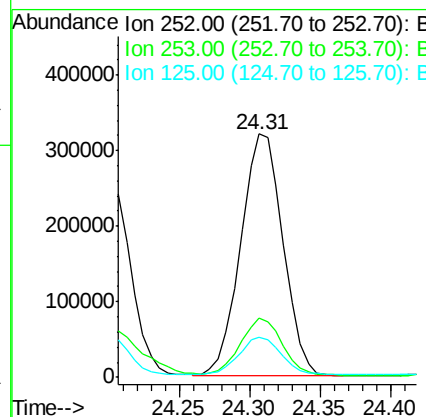
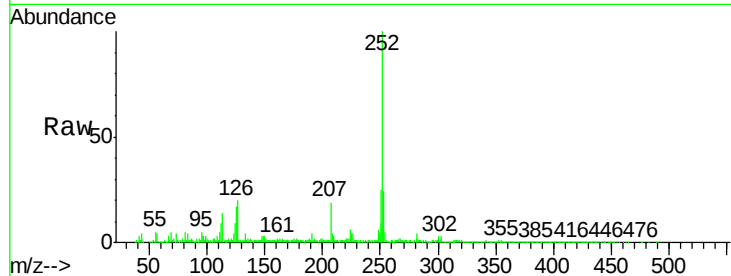
#26
Benzo(a)pyrene
Concen: 13.130 ng/u1
RT: 24.31 min Scan# 3548
Delta R.T. 0.02 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Instrument :
BNA_N
ClientSampleId :
DAMA6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	16.5	8.2	12.4

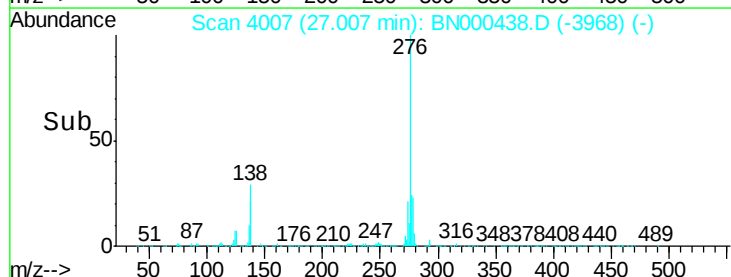
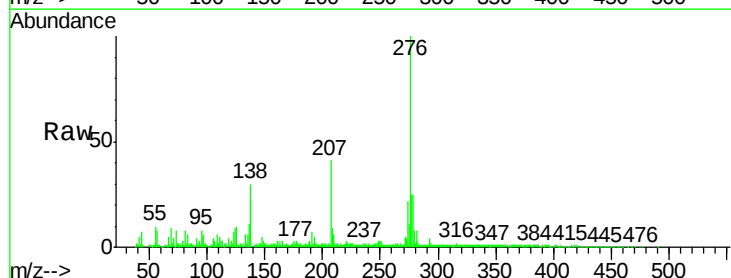
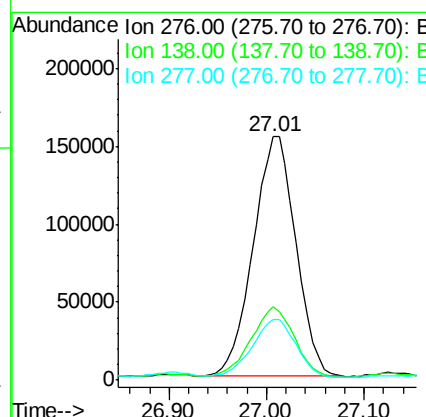
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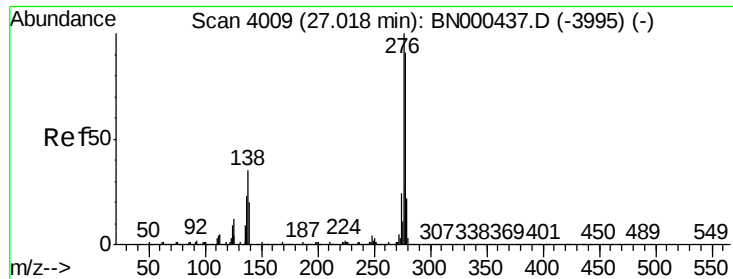
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#27
Indeno(1,2,3-cd)pyrene
Concen: 8.591 ng/u1
RT: 27.01 min Scan# 4007
Delta R.T. 0.03 min
Lab File: BN000438.D
Acq: 16 Mar 2018 10:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	14.4	21.6
277	24.9	18.0	27.0





#28

Dibenzo(a,h)anthracene

Concen: 3.037 ng/ul

RT: 27.01 min Scan# 4007

Delta R.T. 0.02 min

Lab File: BN000438.D

Acq: 16 Mar 2018 10:15

Instrument :

BNA_N

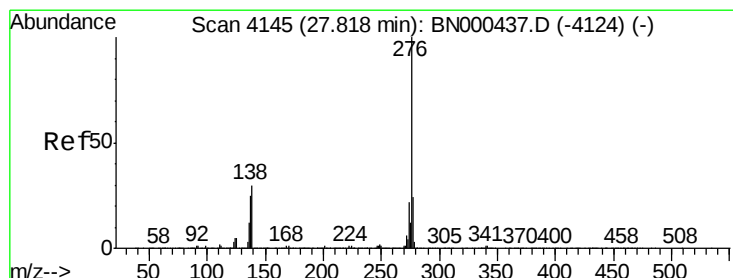
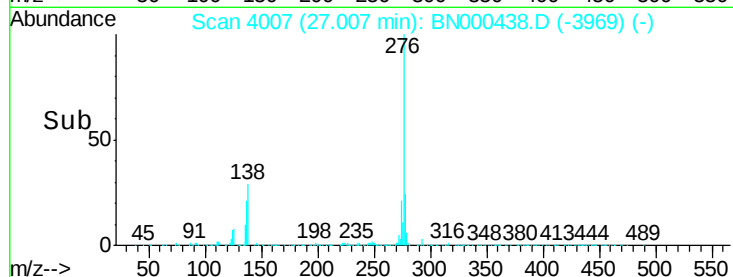
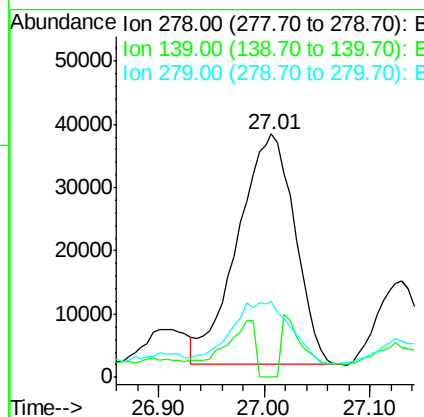
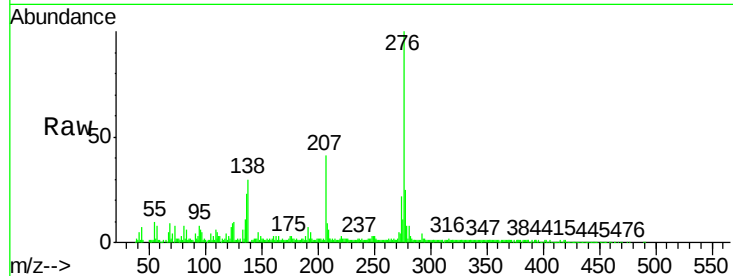
ClientSampleId :

DAMA6DL

Tot Ion:	278	Resp:	136680
Ion Ratio	Lower	Upper	
278	100		
139	0.0	12.2	18.4#
279	30.9	19.2	28.8#

Manual Integrations
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#29

Benzo(g,h,i)perylene

Concen: 8.590 ng/ul

RT: 27.81 min Scan# 4143

Delta R.T. 0.04 min

Lab File: BN000438.D

Acq: 16 Mar 2018 10:15

Tgt Ion:	276	Resp:	393828
Ion Ratio	Lower	Upper	
276	100		
138	30.5	15.3	22.9#
277	24.5	19.0	28.4

