

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
 Data File : BN000327.D
 Acq On : 13 Mar 2018 00:42
 Operator : JU/SJ
 Sample : J1843-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM89

Manual Integrations
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Quant Time: Mar 13 12:40:00 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	385402	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1785590	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	965668	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1997013	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1722230	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1474487	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2986703	31.16	ng/ul	0.00
10) Fluorene-d10	16.04	176	1919403	29.57	ng/ul	0.00
14) Anthracene-d10	17.88	188	2806954	30.08	ng/ul	0.00
18) Pyrene-d10	20.13	212	2971594	35.27	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2096796	31.14	ng/ul	0.02
Target Compounds				Qvalue		
8) Acenaphthylene	14.79	152	181215	1.882	ng/ul	98
11) Fluorene	16.09	166	105489	1.427	ng/ul	91
13) Phenanthrene	17.83	178	1990413	17.379	ng/ul	99
15) Anthracene	17.92	178	260380	2.241	ng/ul	99
16) Fluoranthene	19.80	202	2822775	22.812	ng/ul#	94
19) Pyrene	20.16	202	2265365	20.834	ng/ul#	89
20) Benzo(a)anthracene	21.88	228	759461	7.093	ng/ul	96
21) Chrysene	21.94	228	882266	8.683	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	1027905m	11.691	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	397570m	4.831	ng/ul	
26) Benzo(a)pyrene	24.28	252	677444	8.096	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.95	276	474007	5.254	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.94	278	113371	1.533	ng/ul#	72
29) Benzo(g,h,i)perylene	27.74	276	479168	6.360	ng/ul#	85

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

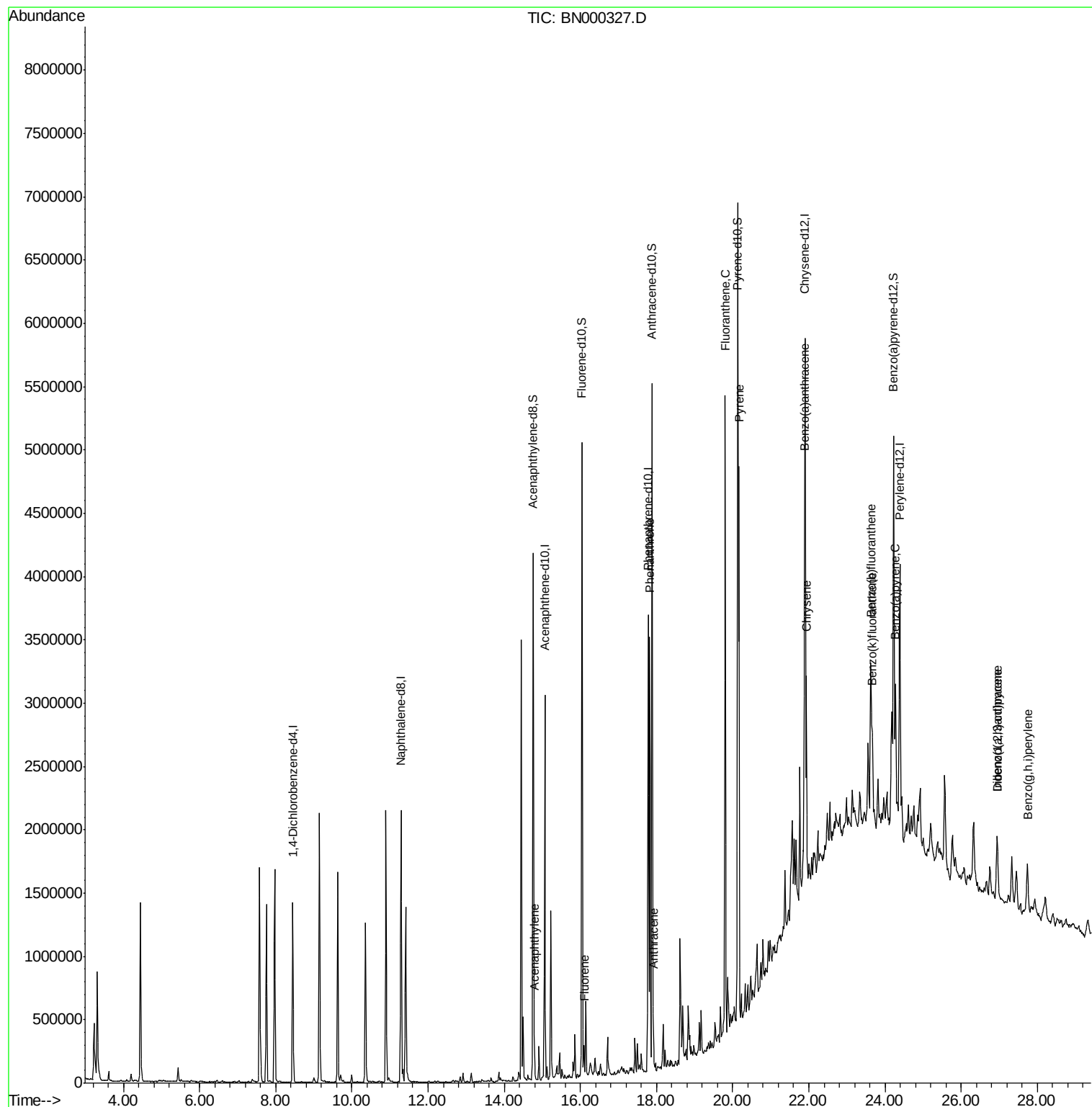
Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000327.D
Acq On : 13 Mar 2018 00:42
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ALS Vial : 27 Sample Multiplier: 1

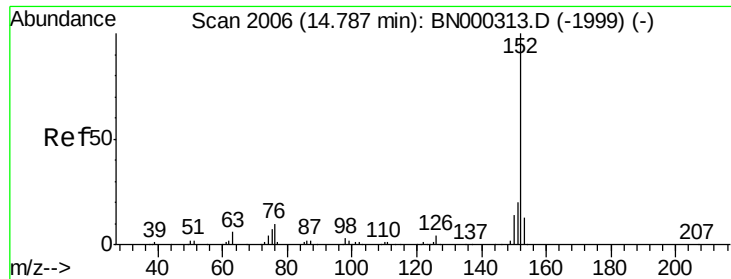
Instrument :
BNA_N
ClientSampled :
DAM89

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Quant Time: Mar 13 12:40:00 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 23:47:40 2018
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.882 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BN000327.D

Acq: 13 Mar 2018 00:42

Instrument :

BNA_N

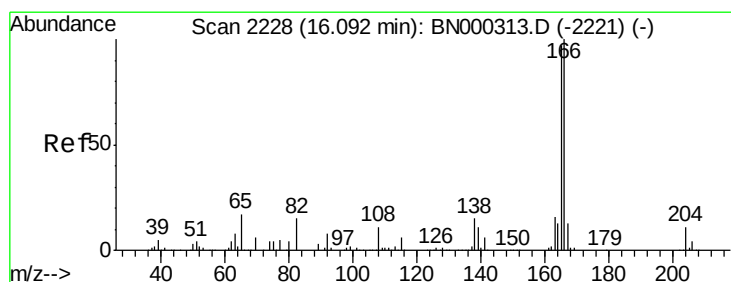
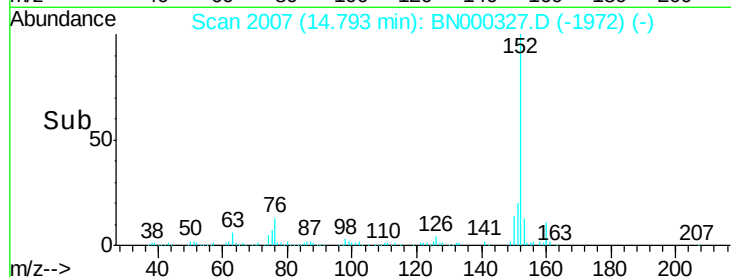
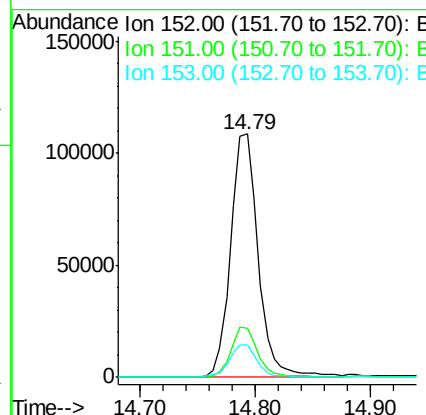
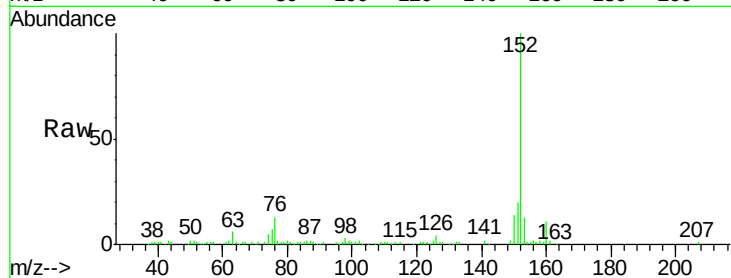
ClientSampled :

DAM89

Tgt Ion:	152	Resp:	181215
Ion Ratio		Lower	Upper
152	100		
151	20.1	16.7	25.1
153	13.3	10.2	15.4

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#11

Fluorene

Concen: 1.427 ng/ul

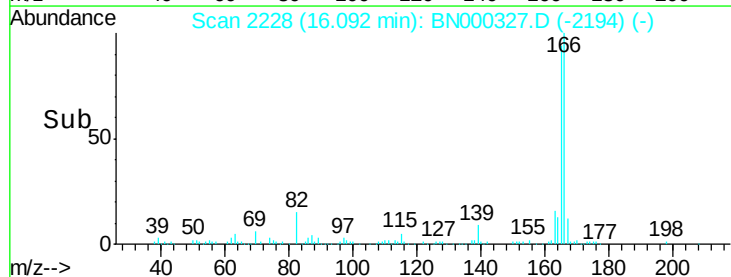
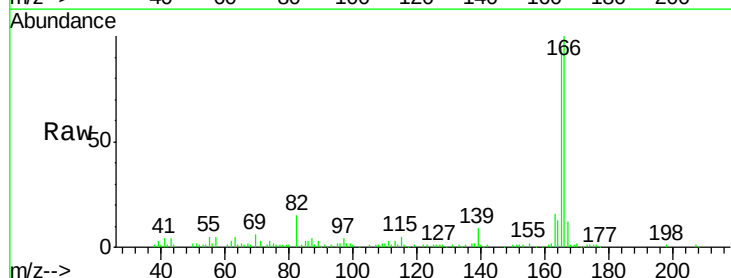
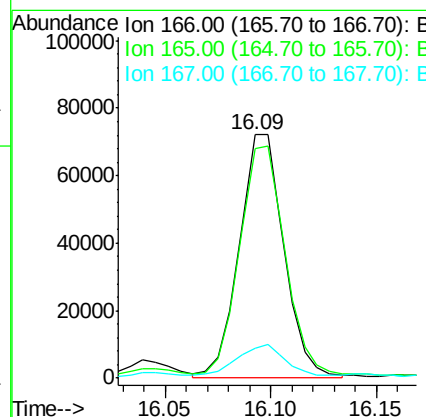
RT: 16.09 min Scan# 2228

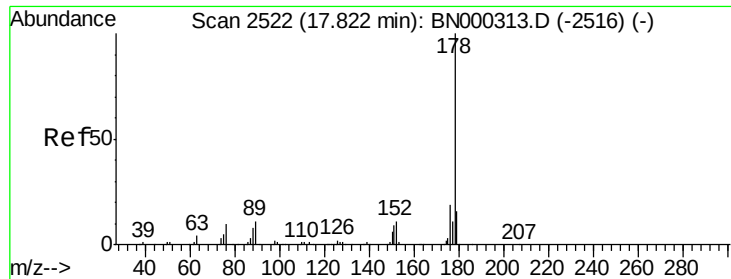
Delta R.T. -0.00 min

Lab File: BN000327.D

Acq: 13 Mar 2018 00:42

Tgt Ion:	166	Resp:	105489
Ion Ratio		Lower	Upper
166	100		
165	94.4	83.8	125.8
167	12.4	11.5	17.3





#13

Phenanthrene

Concen: 17.379 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. 0.01 min

Lab File: BN000327.D

Acq: 13 Mar 2018 00:42

Instrument :

BNA_N

ClientSampled :

DAM89

Tgt Ion:178 Resp: 1990413

Ion Ratio Lower Upper

178 100

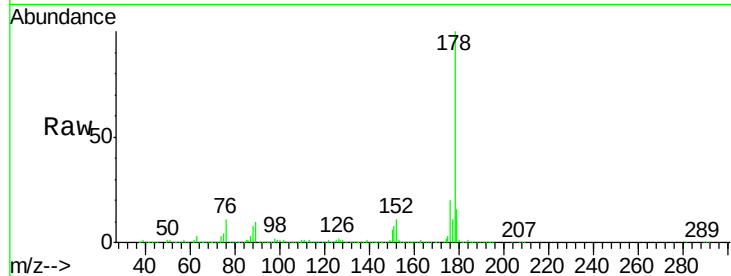
179 15.5 12.3 18.5

176 19.7 15.1 22.7

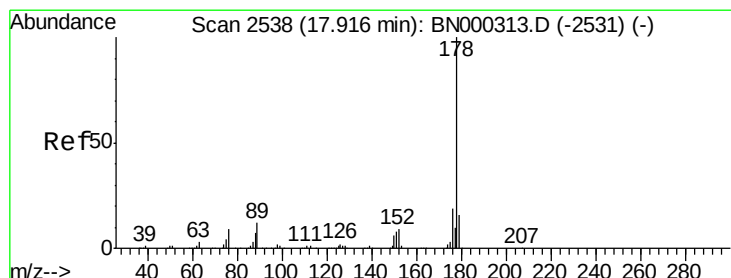
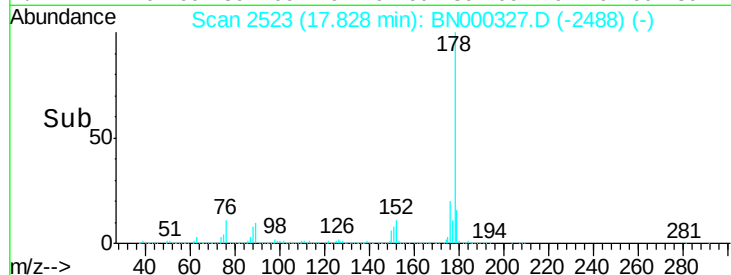
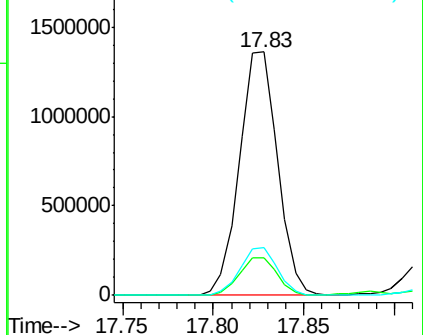
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#15

Anthracene

Concen: 2.241 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BN000327.D

Acq: 13 Mar 2018 00:42

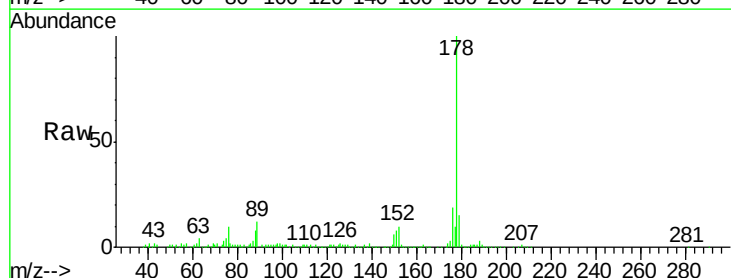
Tgt Ion:178 Resp: 260380

Ion Ratio Lower Upper

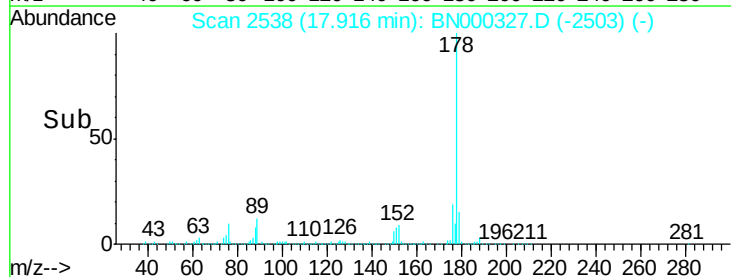
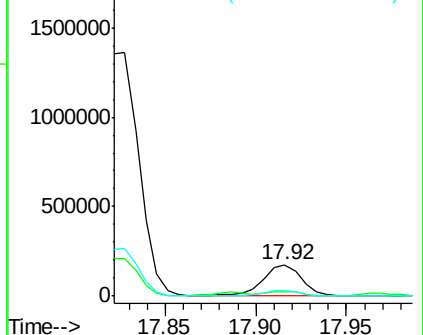
178 100

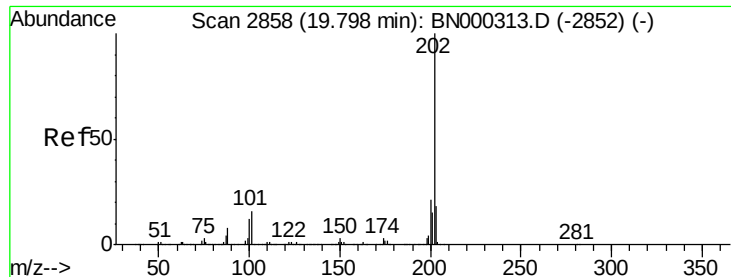
179 15.2 11.8 17.8

176 18.5 15.2 22.8



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





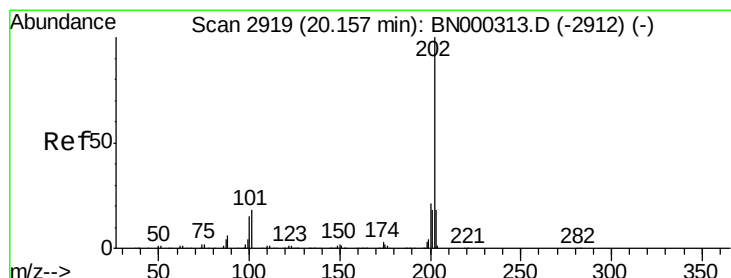
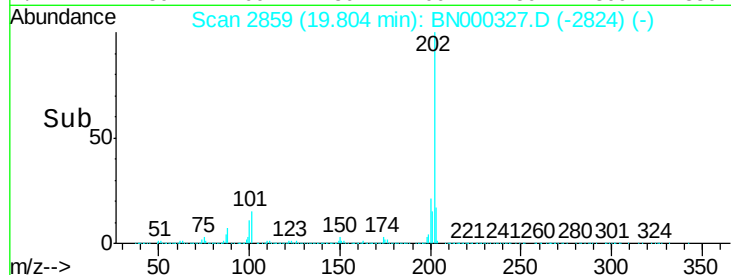
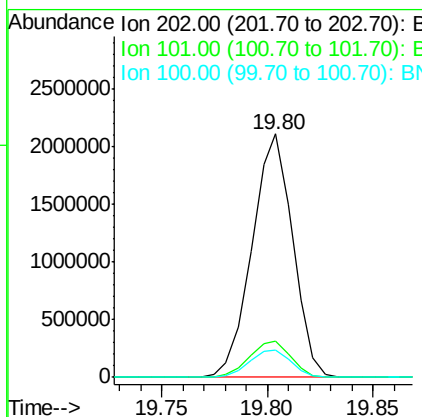
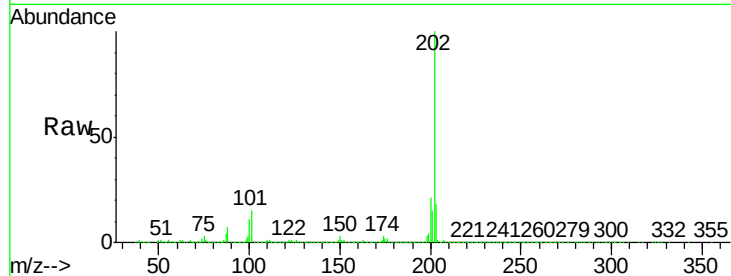
#16
Fluoranthene
 Concen: 22.812 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. 0.01 min
 Lab File: BN000327.D
 Acq: 13 Mar 2018 00:42

Instrument :
 BNA_N
 ClientSampled :
 DAM89

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.9	14.9
100	11.2	7.4	11.0

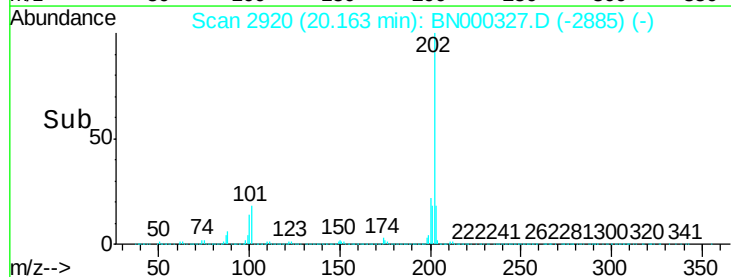
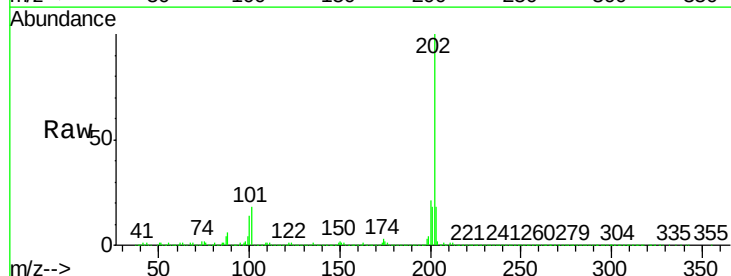
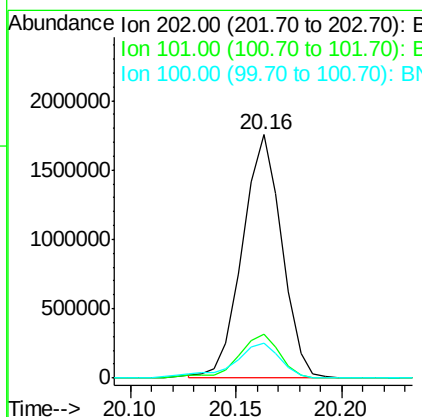
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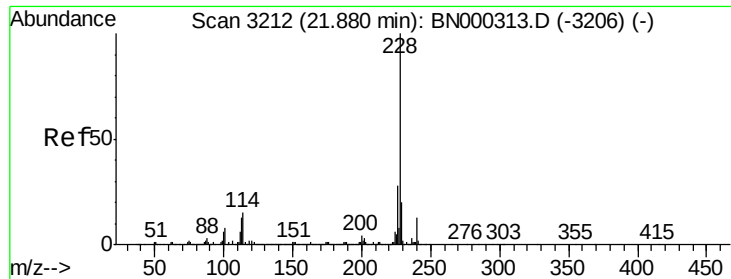
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#19
Pyrene
 Concen: 20.834 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. 0.01 min
 Lab File: BN000327.D
 Acq: 13 Mar 2018 00:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.9	11.0	16.4
100	14.3	8.1	12.1





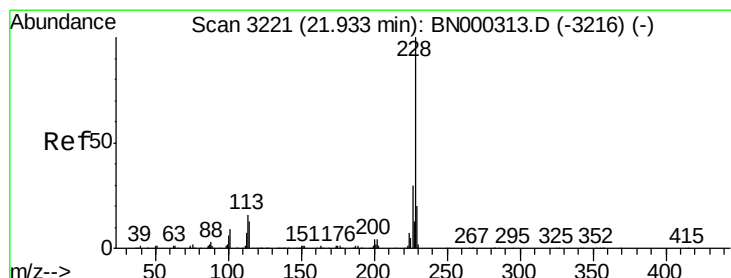
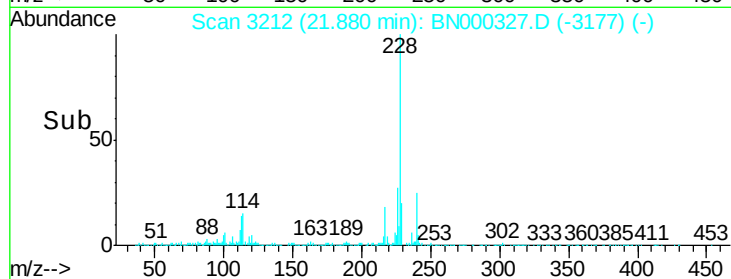
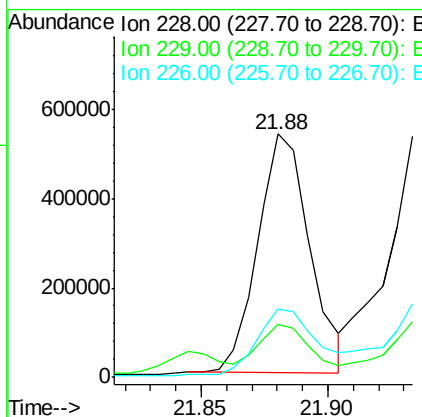
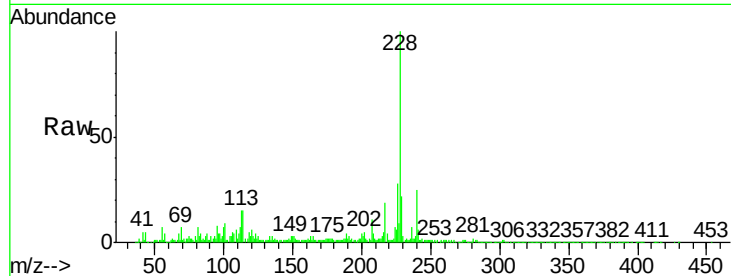
#20
Benzo(a)anthracene
Concen: 7.093 ng/ul
RT: 21.88 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BN000327.D
Acq: 13 Mar 2018 00:42

Instrument :
BNA_N
ClientSampleId :
DAM89

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.7	23.5
226	28.0	21.1	31.7

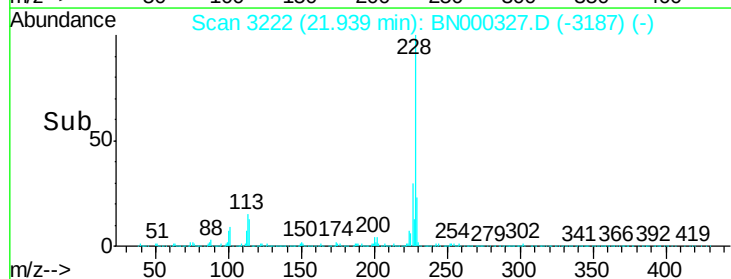
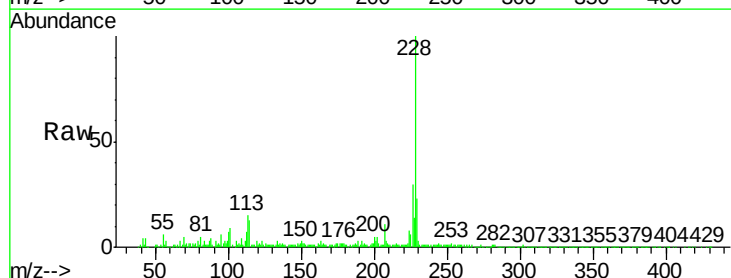
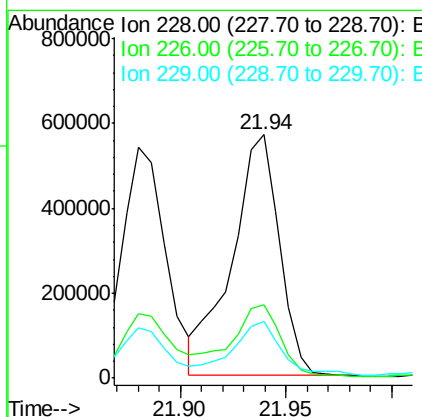
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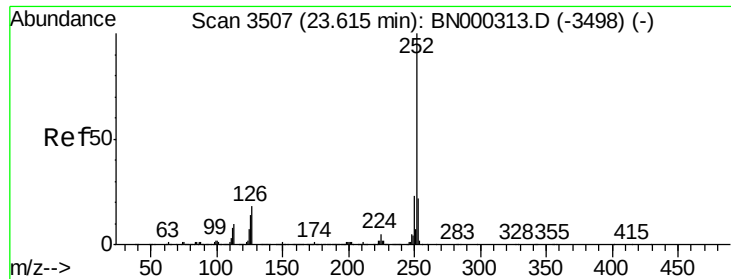
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#21
Chrysene
Concen: 8.683 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. 0.01 min
Lab File: BN000327.D
Acq: 13 Mar 2018 00:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	23.3	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 11.691 ng/ul m

RT: 23.63 min Scan# 3509

Delta R.T. 0.01 min

Lab File: BN000327.D

Acq: 13 Mar 2018 00:42

Instrument :

BNA_N

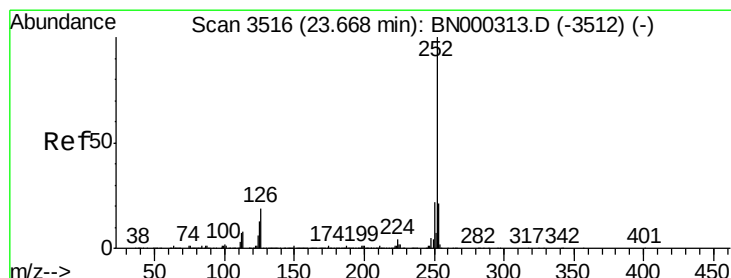
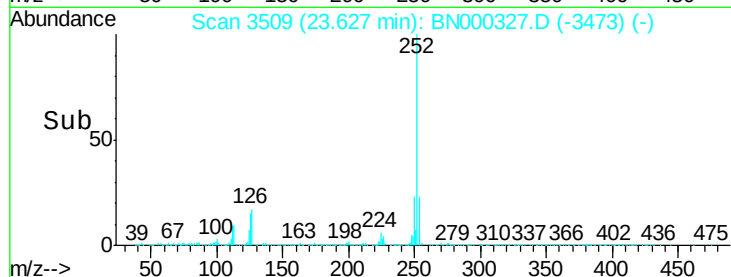
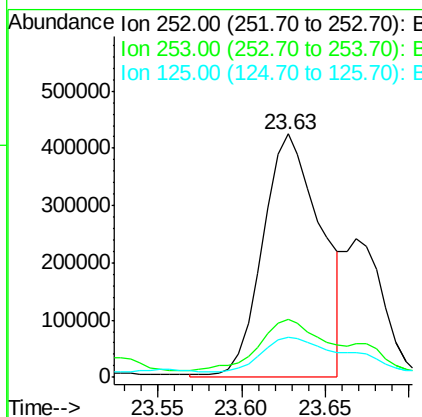
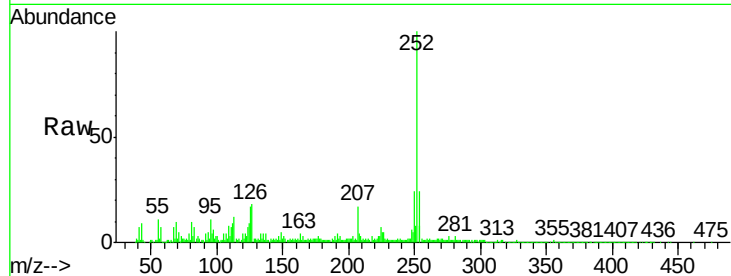
ClientSampled :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.0	27.0
125	16.7	8.0	12.0

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#24

Benzo(k)fluoranthene

Concen: 4.831 ng/ul m

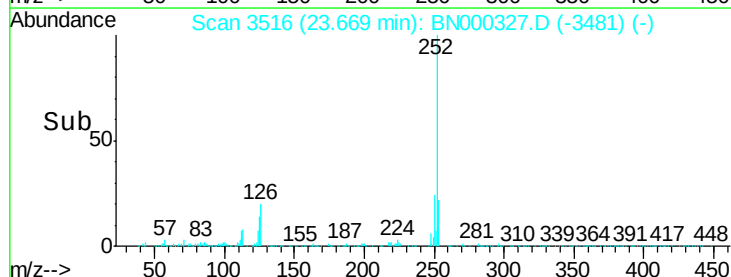
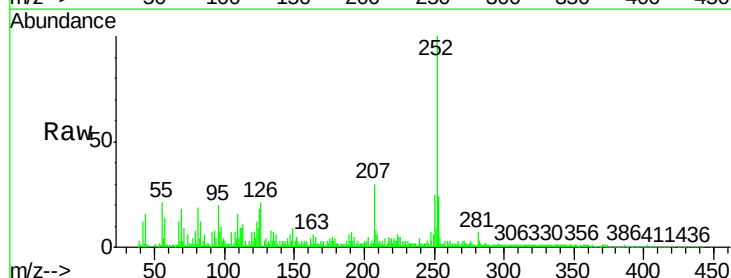
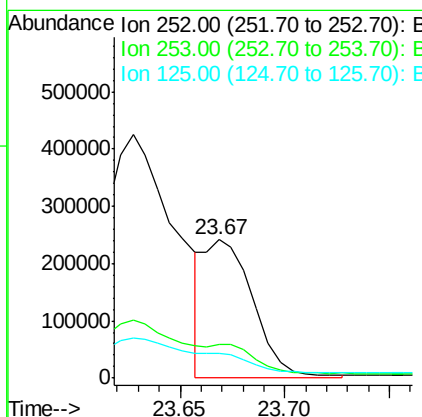
RT: 23.67 min Scan# 3516

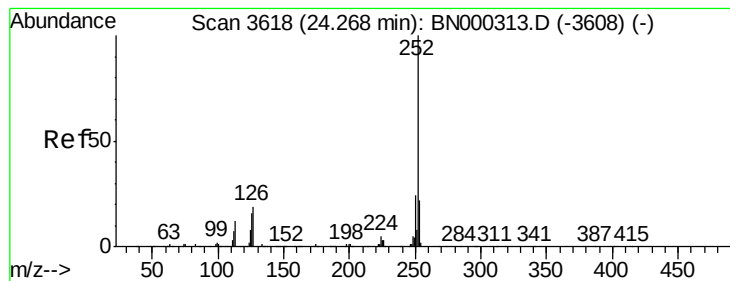
Delta R.T. 0.01 min

Lab File: BN000327.D

Acq: 13 Mar 2018 00:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	17.8	8.1	12.1





#26

Benzo(a)pyrene

Concen: 8.096 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. 0.02 min

Lab File: BN000327.D

Acq: 13 Mar 2018 00:42

Instrument :

BNA_N

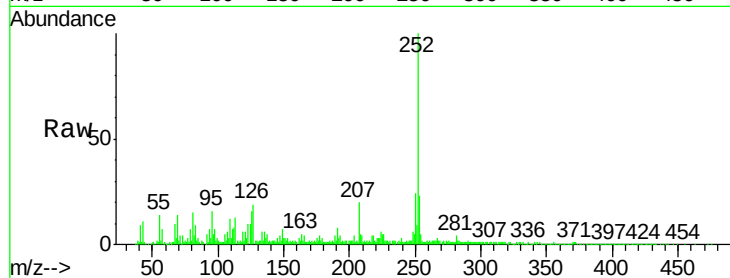
ClientSampled :

DAM89

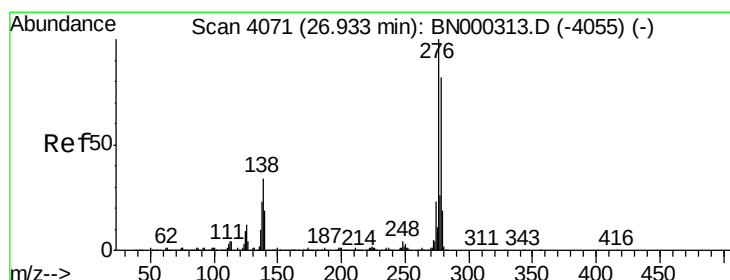
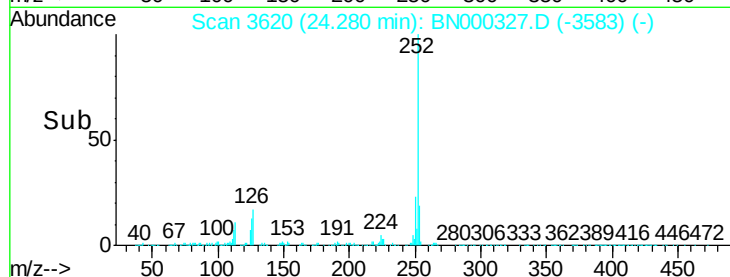
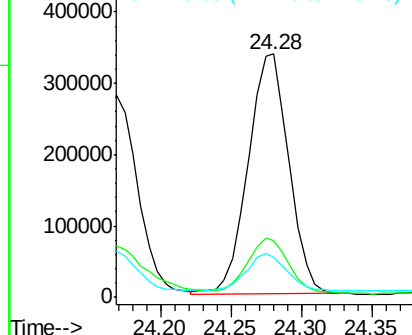
Tgt Ion:	252	Resp:	677444
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	16.3	8.2	12.4#

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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



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.254 ng/ul

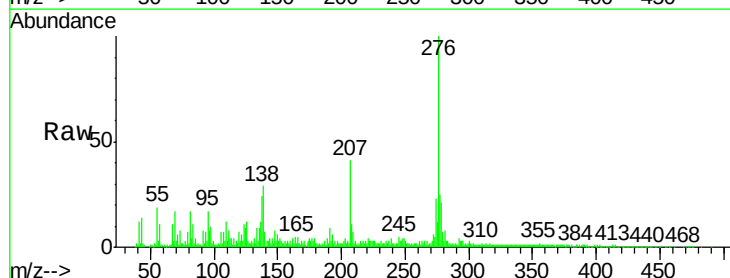
RT: 26.95 min Scan# 4074

Delta R.T. 0.02 min

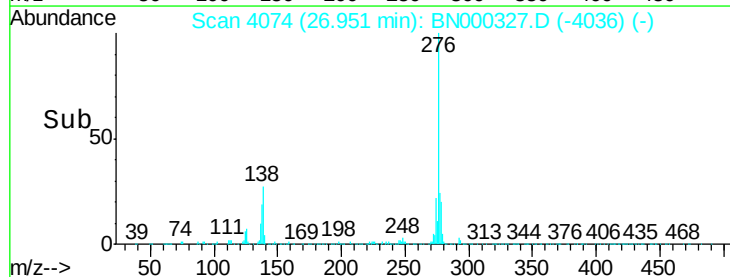
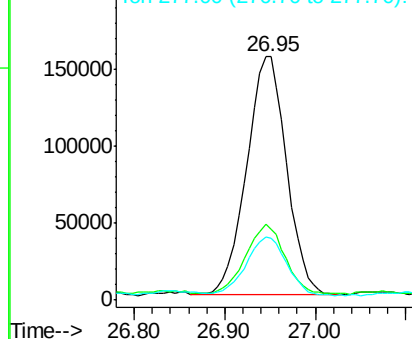
Lab File: BN000327.D

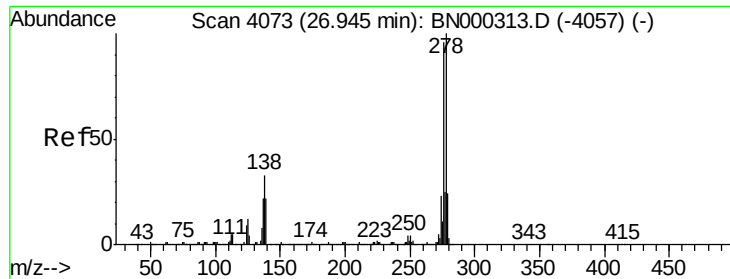
Acq: 13 Mar 2018 00:42

Tgt Ion:	276	Resp:	474007
Ion Ratio	Lower	Upper	
276	100		
138	28.9	14.4	21.6#
277	25.3	18.0	27.0



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





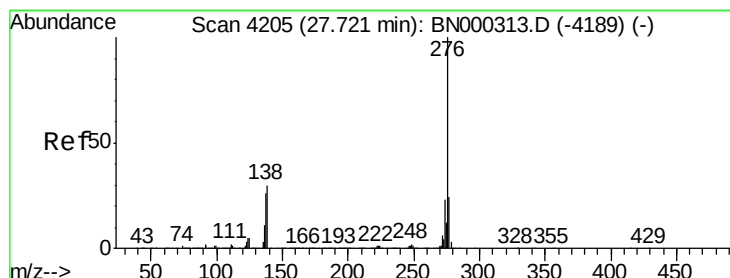
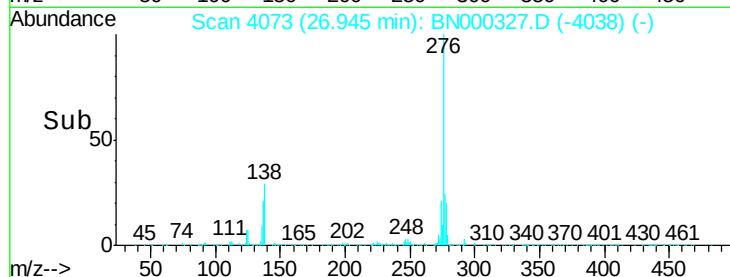
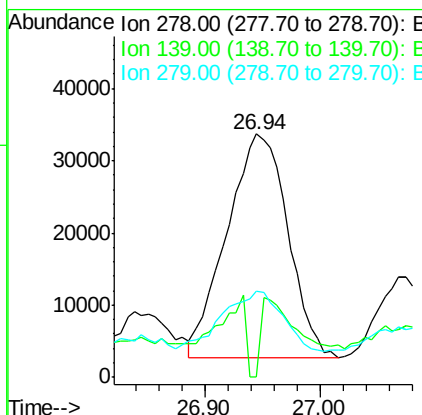
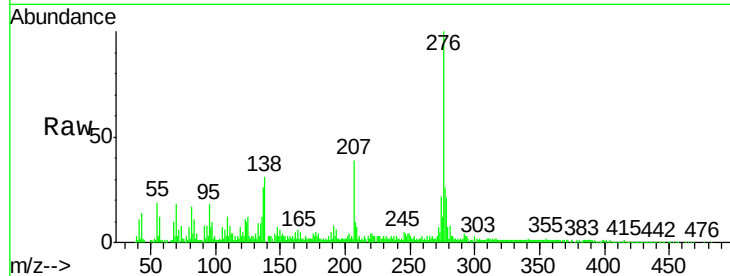
#28
Dibenzo(a,h)anthracene
Concen: 1.533 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. 0.01 min
Lab File: BN000327.D
Acq: 13 Mar 2018 00:42

Instrument :
BNA_N
ClientSampled :
DAM89

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	35.2	19.2	28.8#

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#29
Benzo(g,h,i)perylene
Concen: 6.360 ng/ul
RT: 27.74 min Scan# 4208
Delta R.T. 0.02 min
Lab File: BN000327.D
Acq: 13 Mar 2018 00:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	15.3	22.9#
277	25.5	19.0	28.4

