

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000354.D
 Acq On : 13 Mar 2018 18:08
 Operator : JU/SJ
 Sample : J1845-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAMD8

Manual Integrations
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Quant Time: Mar 14 08:25:25 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	173127	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	828074	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	469312	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1078838	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1170551	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1088393	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1630340	35.00	ng/ul	0.00
10) Fluorene-d10	16.05	176	1076086	34.12	ng/ul	0.00
14) Anthracene-d10	17.88	188	1742114	34.56	ng/ul	0.00
18) Pyrene-d10	20.14	212	2031874	35.48	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1706164	34.33	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	46707	1.069	ng/ul	99
4) 2-Methylnaphthalene	12.92	142	42033	1.366	ng/ul	98
5) 1-Methylnaphthalene	13.13	142	34235	1.109	ng/ul	93
13) Phenanthrene	17.83	178	189775	3.067	ng/ul	98
16) Fluoranthene	19.80	202	418222	6.256	ng/ul#	94
19) Pyrene	20.16	202	377209	5.104	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	254174m	3.493	ng/ul	
21) Chrysene	21.94	228	253686m	3.674	ng/ul	
23) Benzo(b)fluoranthene	23.63	252	356933m	5.500	ng/ul	
24) Benzo(k)fluoranthene	23.67	252	73320m	1.207	ng/ul	
26) Benzo(a)pyrene	24.28	252	207507	3.359	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.95	276	133745	2.008	ng/ul#	83
29) Benzo(a,h,i)perylene	27.74	276	135537	2.437	ng/ul#	84

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

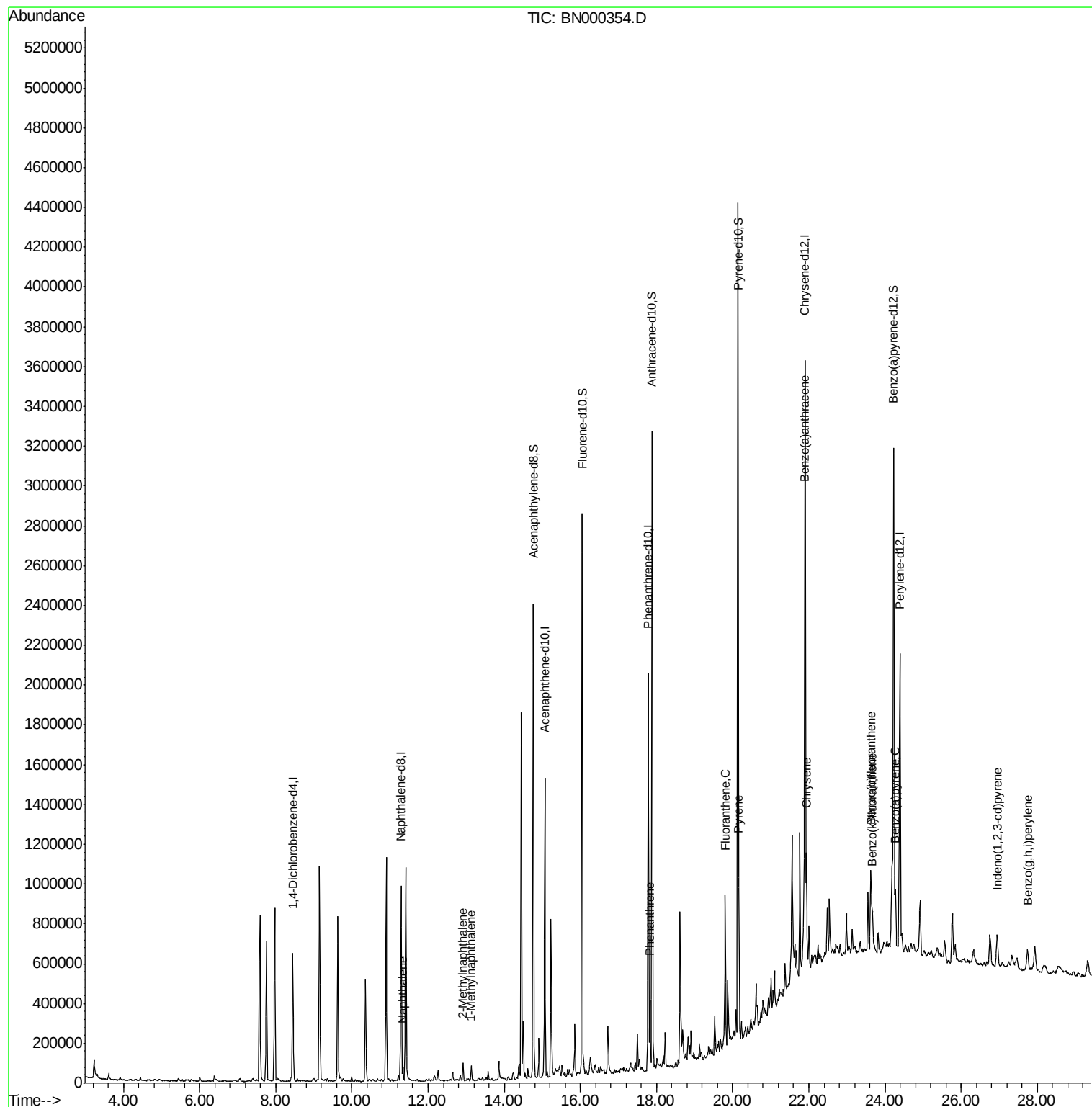
Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
Data File : BN000354.D
Acq On : 13 Mar 2018 18:08
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Sample : J1845-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

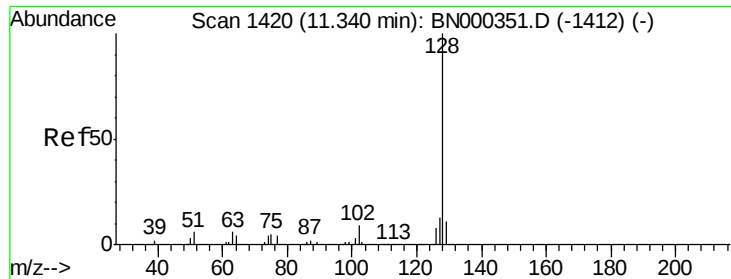
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Quant Time: Mar 14 08:25:25 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 14 08:11:44 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.069 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

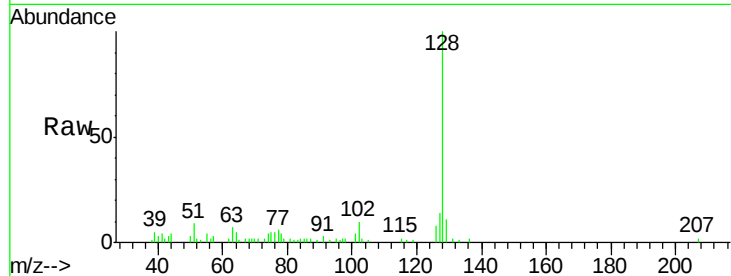
ClientSampled :

DAMD8

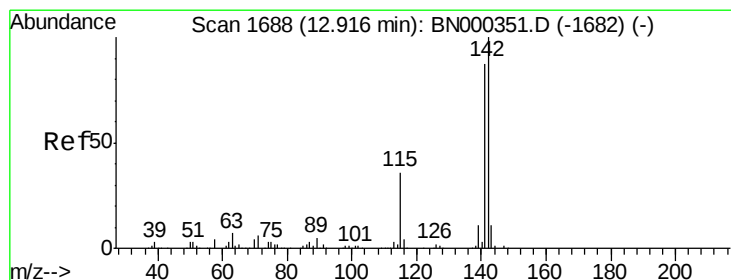
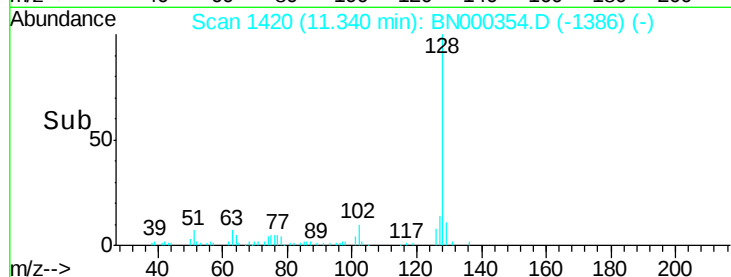
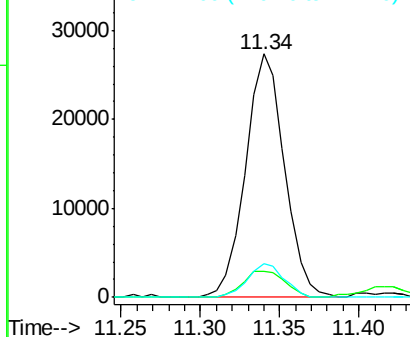
Tot Ion:	128	Resp:	46707
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.7	10.6	16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.366 ng/ul

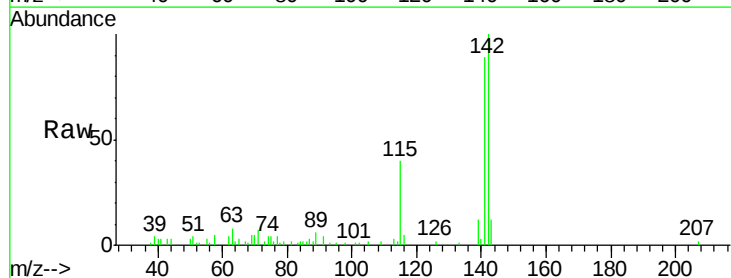
RT: 12.92 min Scan# 1688

Delta R.T. -0.00 min

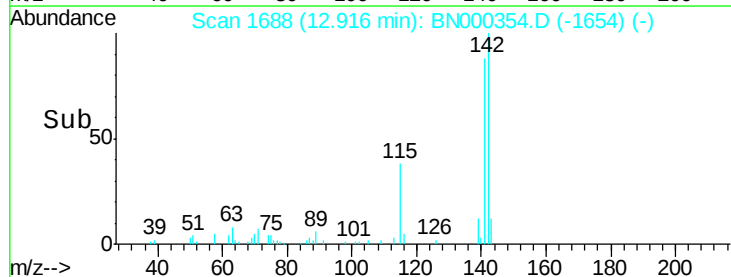
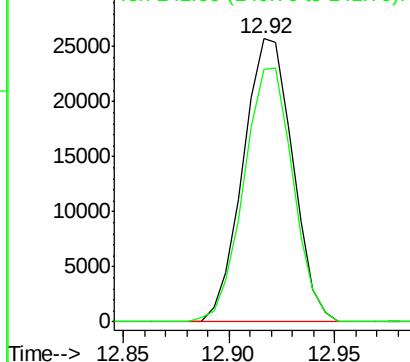
Lab File: BN000354.D

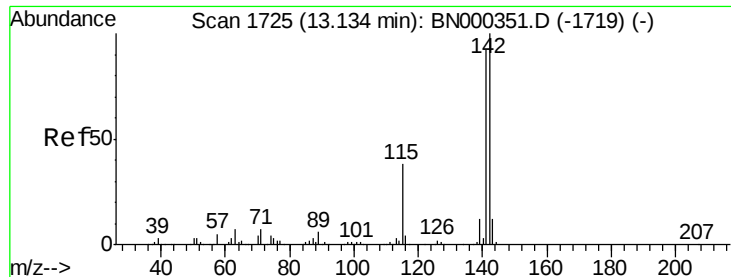
Acq: 13 Mar 2018 18:08

Tgt Ion:	142	Resp:	42033
Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.7	109.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#5

1-Methylnaphthalene

Concen: 1.109 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Instrument :

BNA_N

ClientSampled :

DAMD8

Tot Ion:142 Resp: 34235

Ion Ratio Lower Upper

142 100

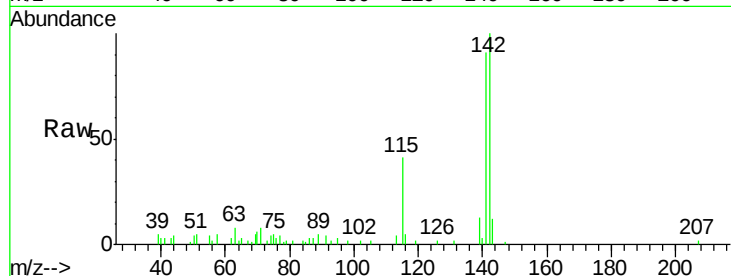
141 91.3 79.3 118.9

116 5.1 4.2 6.2

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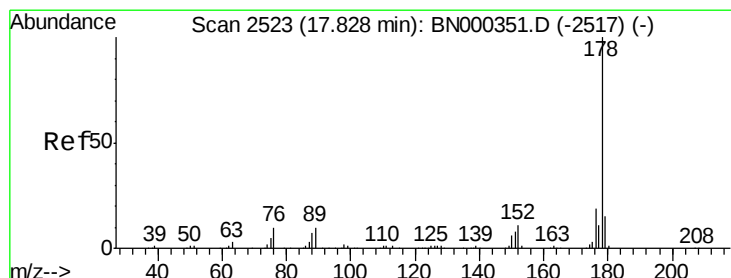
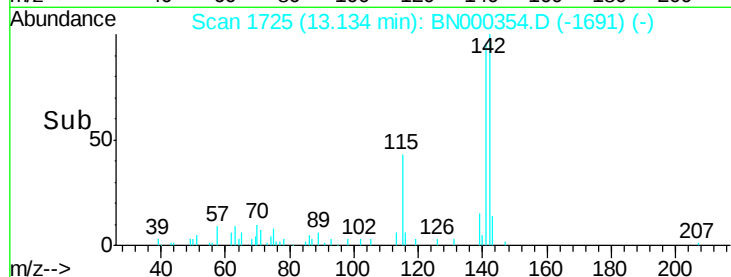
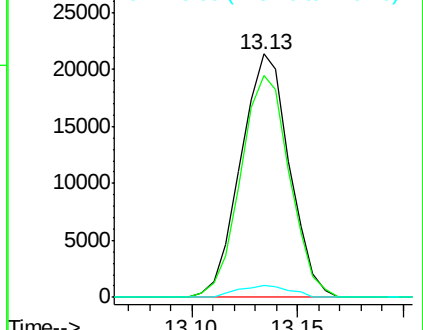
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#13

Phenanthrene

Concen: 3.067 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

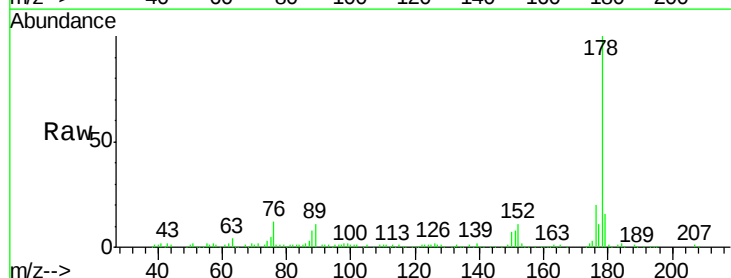
Tgt Ion:178 Resp: 189775

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

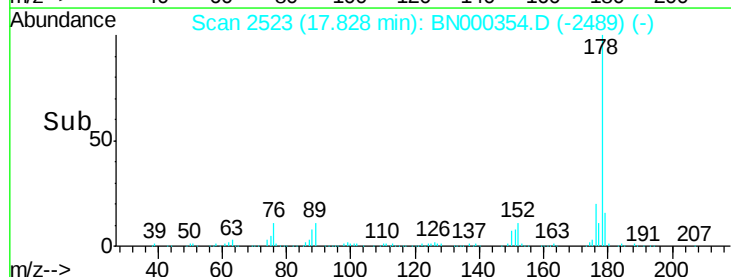
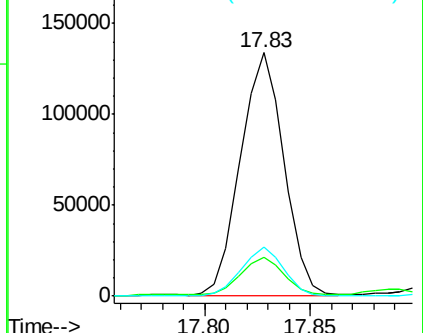
176 20.2 15.1 22.7

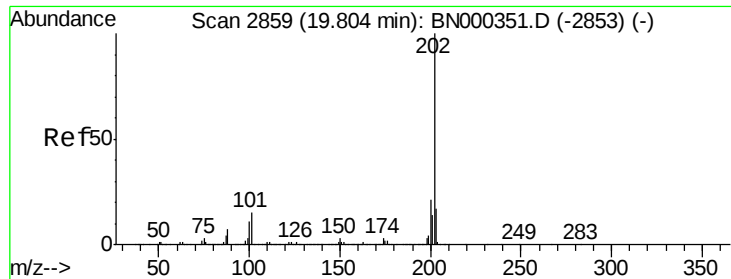


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





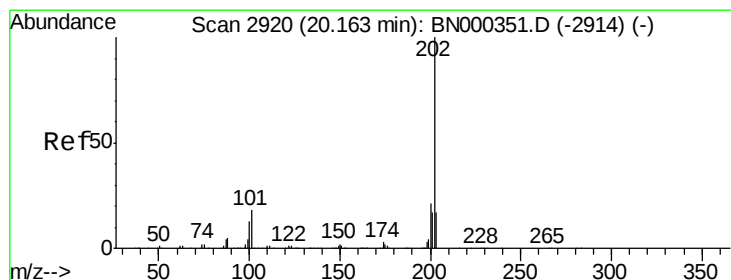
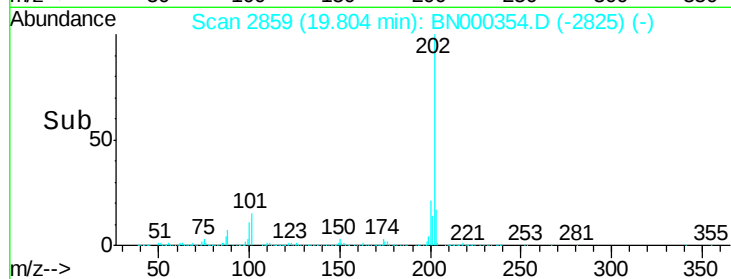
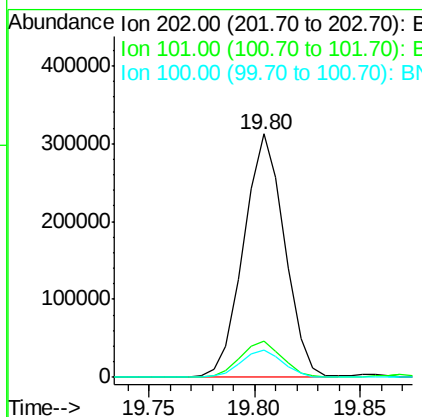
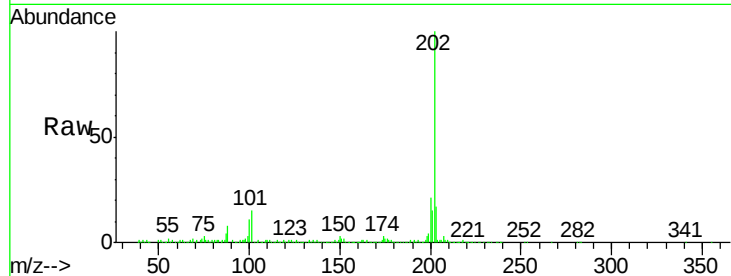
#16
Fluoranthene
 Concen: 6.256 ng/ul
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.00 min
 Lab File: BN000354.D
 Acq: 13 Mar 2018 18:08

Instrument :
 BNA_N
 ClientSampleId :
 DAMD8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.0	9.9	14.9#
100	11.2	7.4	11.0#

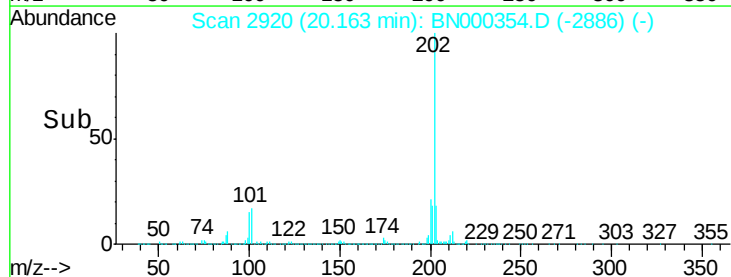
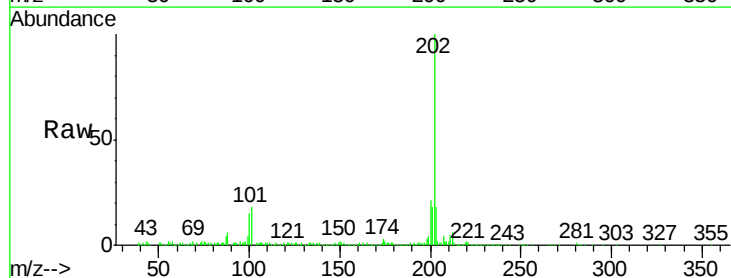
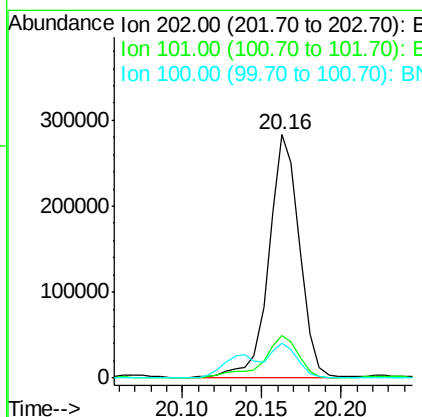
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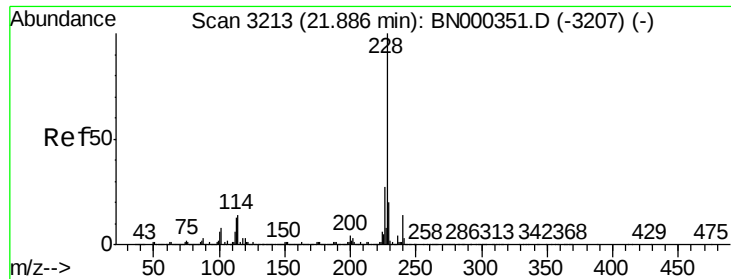
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#19
Pyrene
 Concen: 5.104 ng/ul
 RT: 20.16 min Scan# 2920
 Delta R.T. -0.00 min
 Lab File: BN000354.D
 Acq: 13 Mar 2018 18:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	17.6	11.0	16.4#
100	14.5	8.1	12.1#





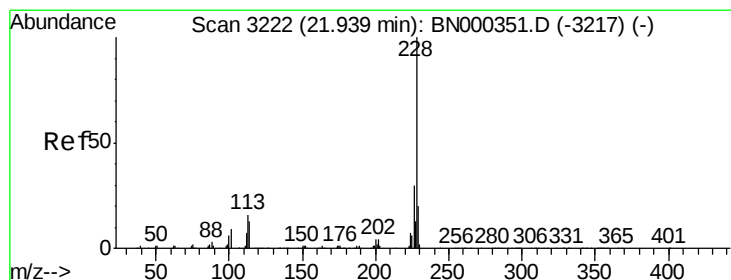
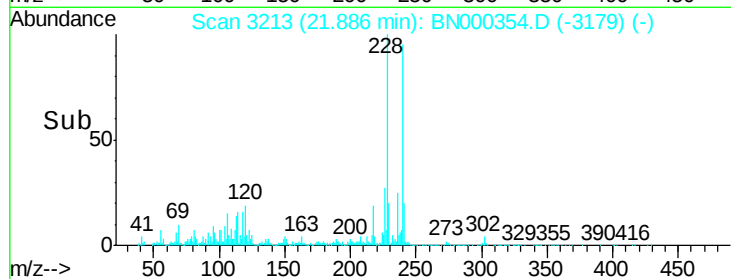
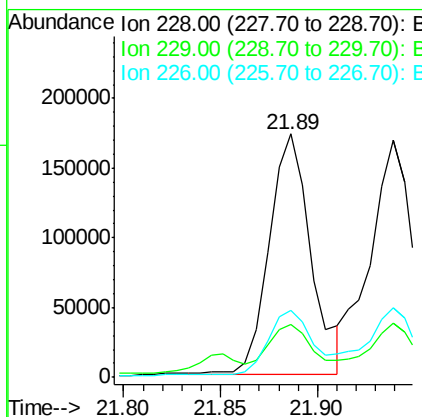
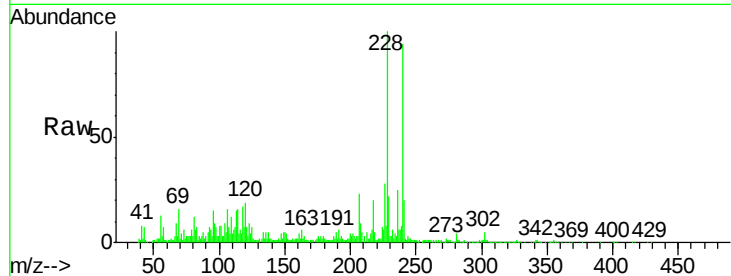
#20
Benzo(a)anthracene
Concen: 3.493 ng/ul m
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000354.D
Acq: 13 Mar 2018 18:08

Instrument :
BNA_N
ClientSampled :
DAMD8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	27.7	21.1	31.7

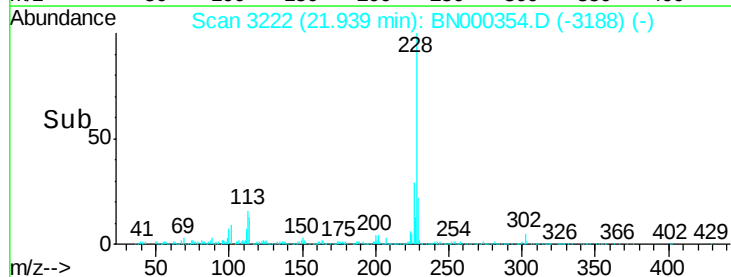
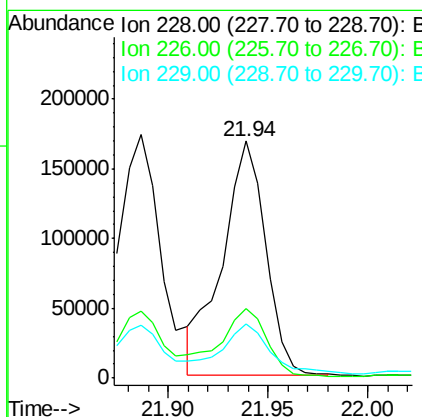
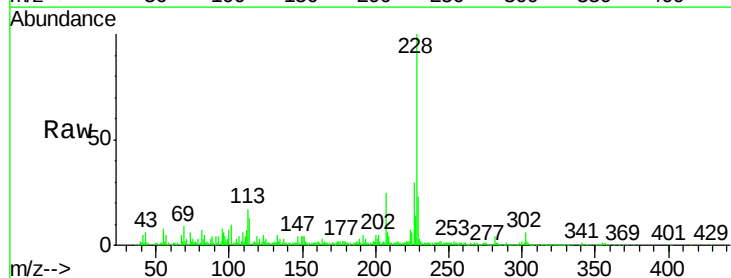
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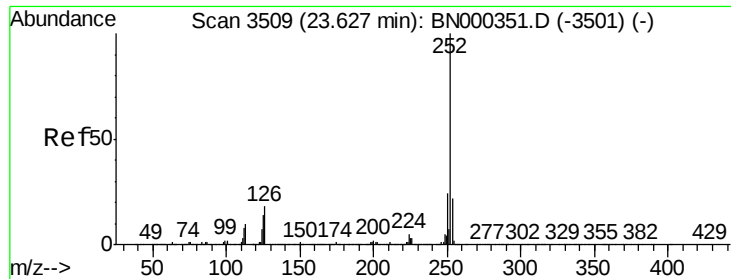
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#21
Chrysene
Concen: 3.674 ng/ul m
RT: 21.94 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BN000354.D
Acq: 13 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.5	36.7
229	23.0	15.8	23.8





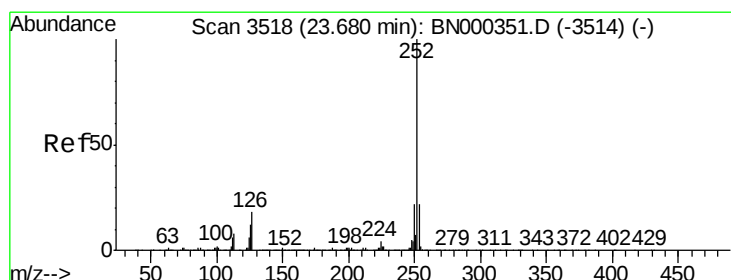
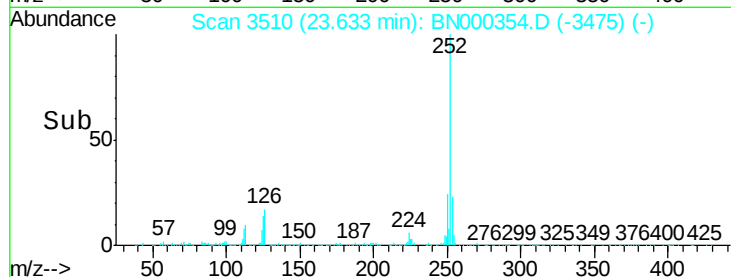
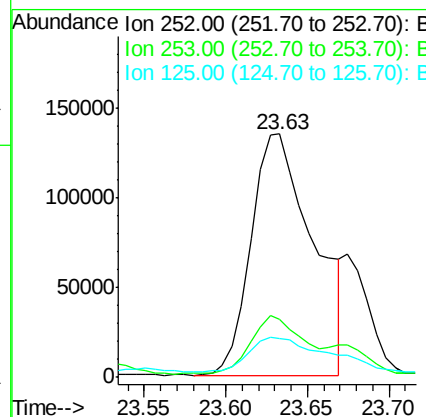
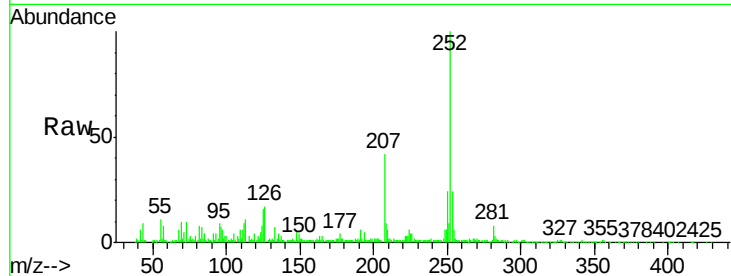
#23
Benzo(b)fluoranthene
Concen: 5.500 ng/ul m
RT: 23.63 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BN000354.D
Acq: 13 Mar 2018 18:08

Instrument :
BNA_N
ClientSampled :
DAMD8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	16.1	8.0	12.0

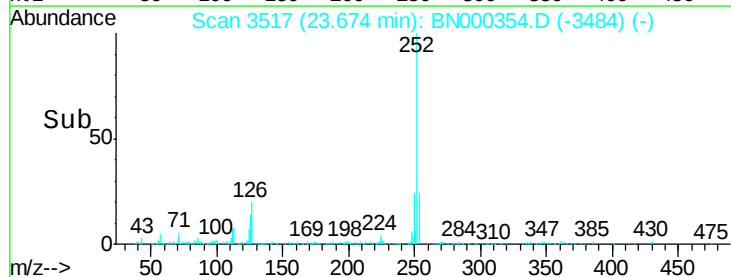
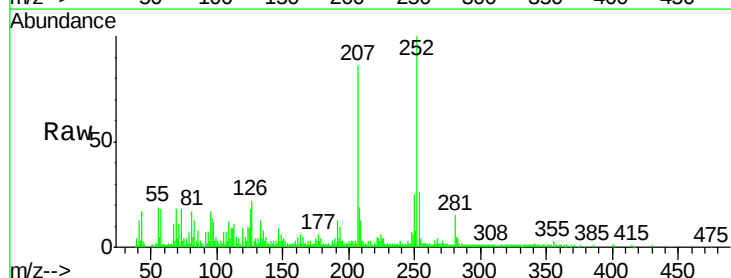
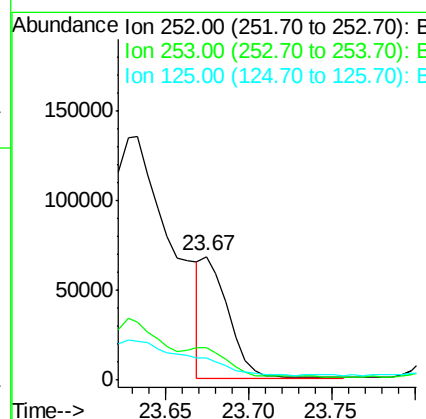
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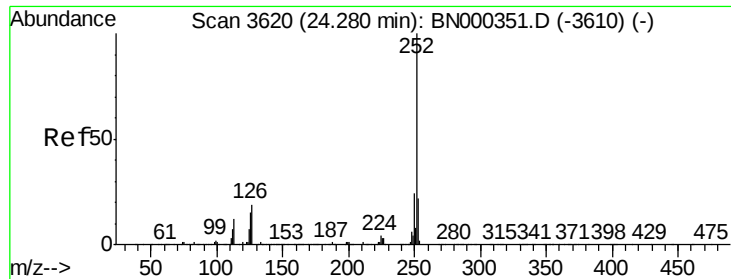
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#24
Benzo(k)fluoranthene
Concen: 1.207 ng/ul m
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BN000354.D
Acq: 13 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.0	27.0
125	17.7	8.1	12.1





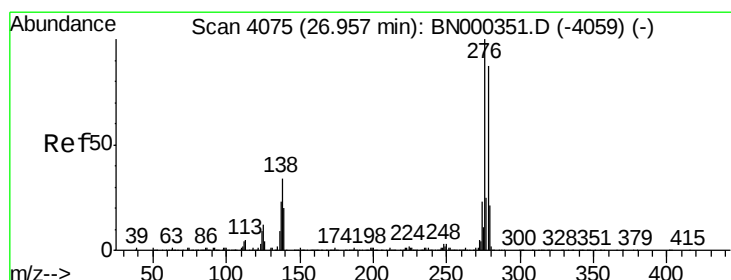
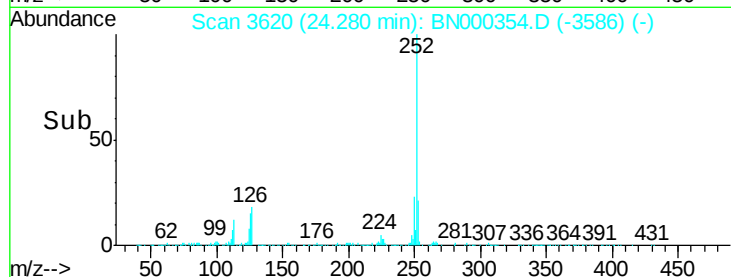
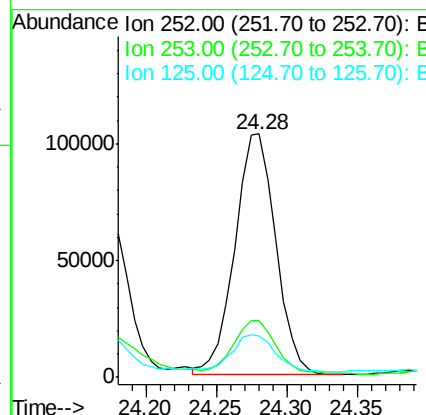
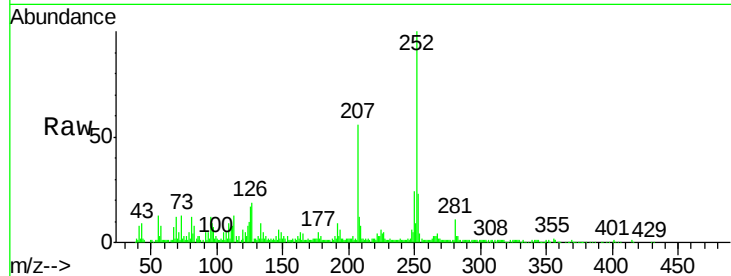
#26
Benzo(a)pyrene
Concen: 3.359 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000354.D
Acq: 13 Mar 2018 18:08

Instrument :
BNA_N
ClientSampled :
DAMD8

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	17.3	8.2	12.4

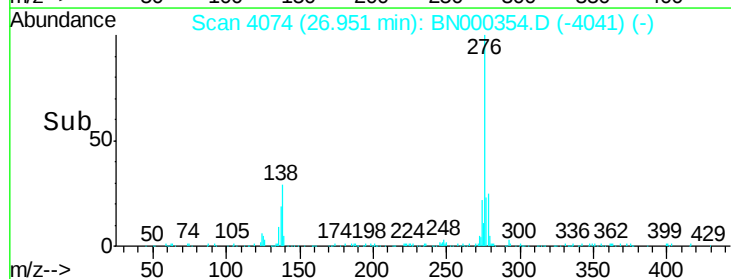
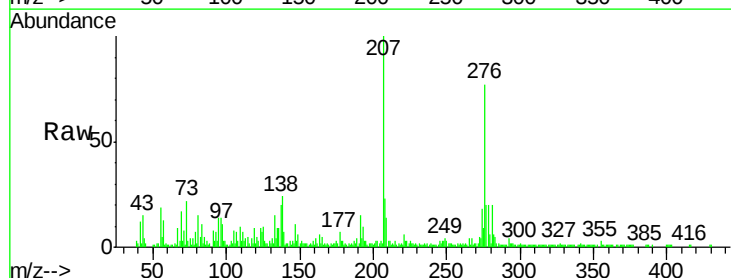
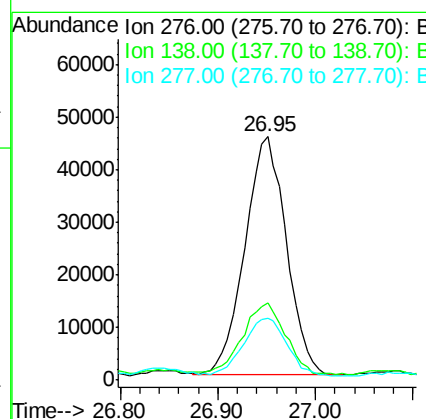
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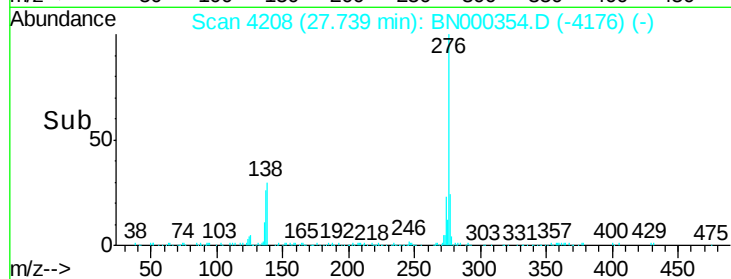
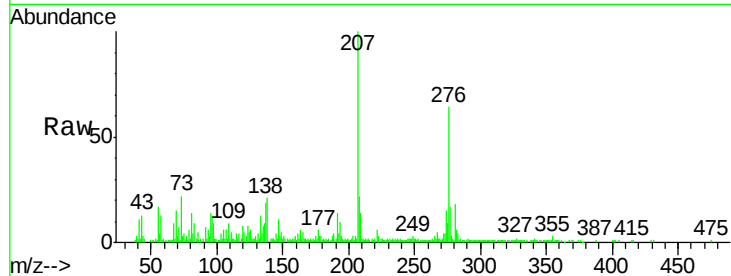
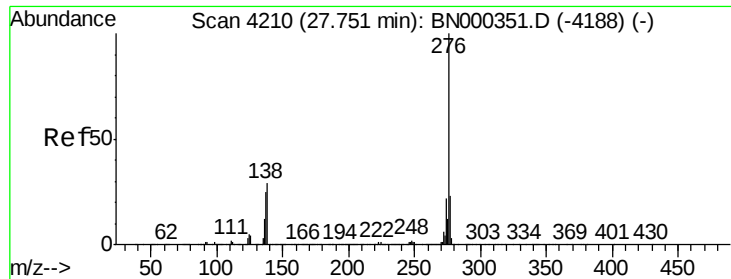
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.008 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000354.D
Acq: 13 Mar 2018 18:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.7	14.4	21.6
277	25.5	18.0	27.0





#29

Benzo(a,h,i)perylene

Concen: 2.437 ng/ul

RT: 27.74 min Scan# 4208

Delta R.T. -0.01 min

Lab File: BN000354.D

Acq: 13 Mar 2018 18:08

Tot Ion:	276	Resp:	135537
Ion Ratio	Lower	Upper	
276	100		
138	32.2	15.3	22.9#
277	26.0	19.0	28.4

Instrument :

BNA_N

ClientSampleId :

DAMD8

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