

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041815\
 Data File : BM001059.D
 Acq On : 18 Apr 2015 14:35
 Operator : TP/IZ
 Sample : G1856-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S39-0076

Manual Integrations
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 4/20/2015 4:34:51 PM

Quant Time: Apr 20 08:30:30 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM041815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 08:05:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23292	5.00	ng	0.00
4) Naphthalene-d8	10.36	136	84430	5.00	ng	0.00
8) Acenaphthene-d10	14.24	164	44601	5.00	ng	0.00
13) Phenanthrene-d10	16.99	188	100527	5.00	ng	0.00
19) Chrysene-d12	21.19	240	87102	5.00	ng	0.00
25) Perylene-d12	23.36	264	80864	5.00	ng	0.00
System Monitoring Compounds						
5) Nitrobenzene-d5	8.74	82	21991	4.99	ng	0.00
9) 2-Fluorobiphenyl	12.86	172	77780	5.28	ng	0.00
21) Terphenyl-d14	19.63	244	80234	6.95	ng	0.00
Target Compounds						Ovalue
18) Fluoranthene	19.05	202	423	0.02	ng	# 69
20) Pyrene	19.42	202	442m	0.02	ng	
22) Benzo(a)anthracene	21.17	228	705	0.03	ng	# 81
23) Chrysene	21.22	228	425	0.02	ng	# 77
24) Indeno(1,2,3-cd)pyrene	25.53	276	560	0.02	ng	95
30) Benzo(g,h,i)perylene	26.18	276	499	0.02	ng	# 59

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

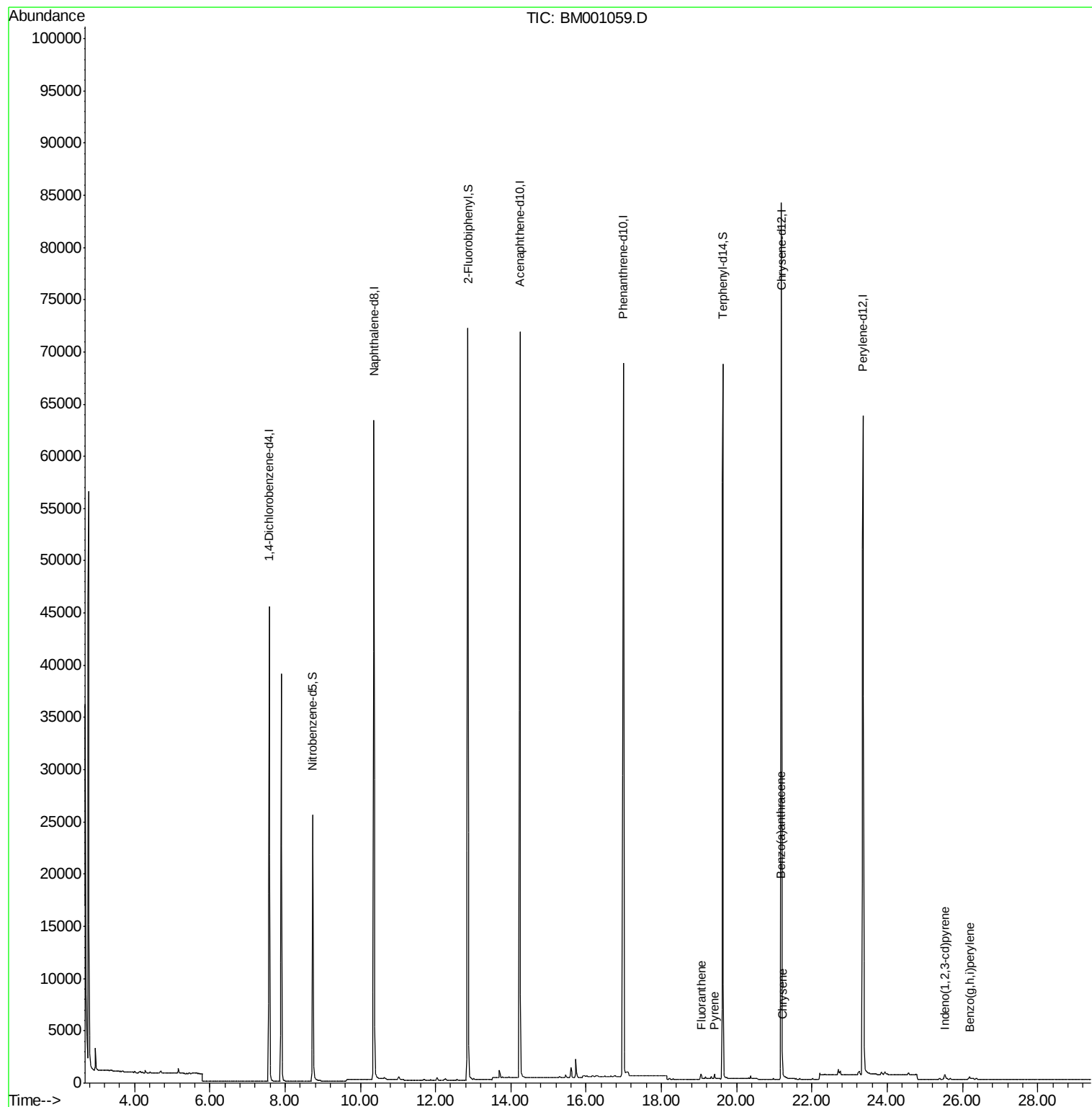
Data Path : Z:\HPCHEM1\BNA M\DATA\BM041815\
Data File : BM001059.D
Acq On : 18 Apr 2015 14:35
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Sample : G1856-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

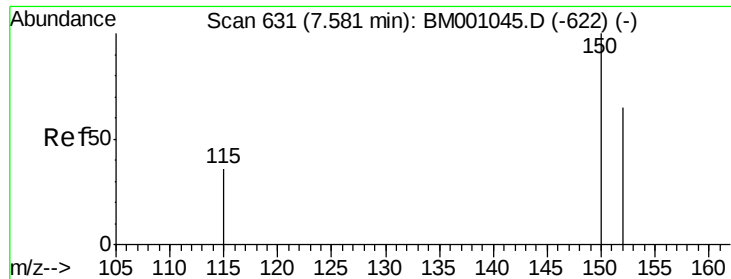
Instrument :
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S39-0076

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM041815.M
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#1

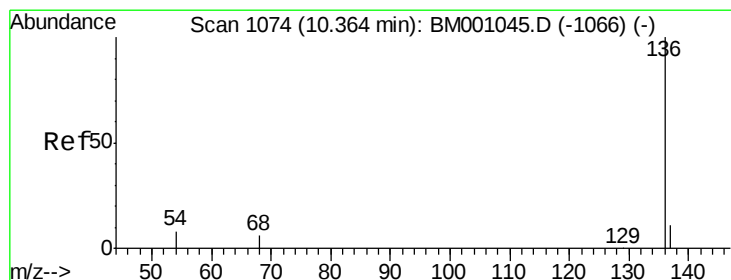
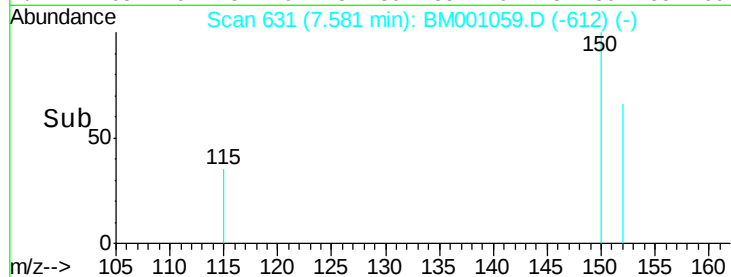
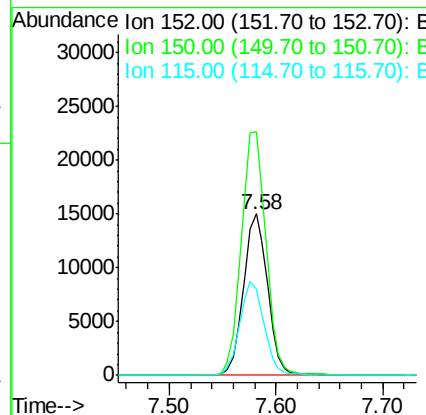
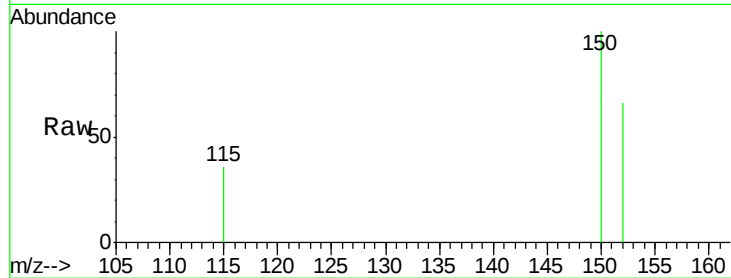
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 631
Delta R.T. 0.00 min
Lab File: BM001059.D
Acq: 18 Apr 2015 14:35

Instrument :
BNA_M
ClientSampleId :
S39-0076

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.3	184.9
115	53.6	45.0	67.6

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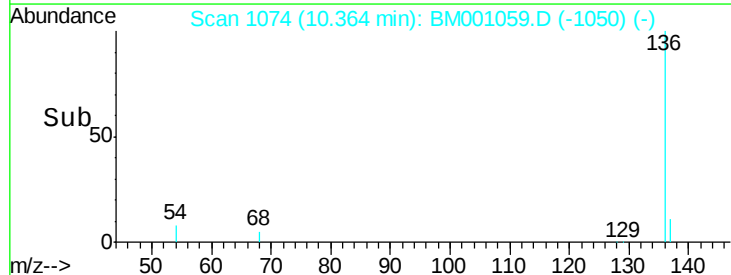
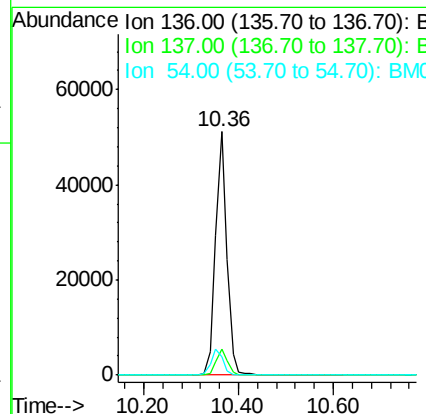
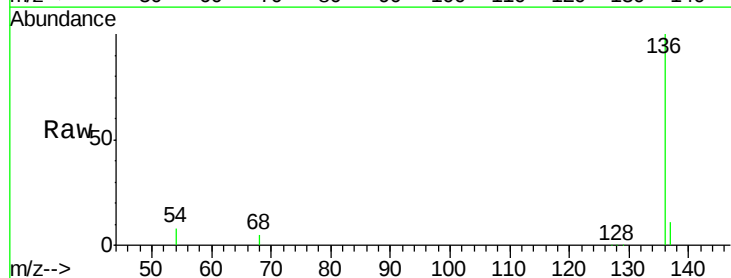
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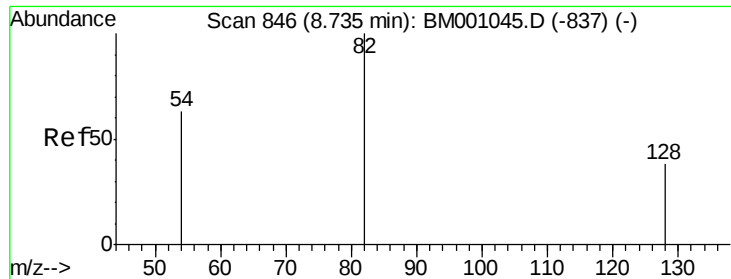


#4

Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BM001059.D
Acq: 18 Apr 2015 14:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.7	6.5	9.7





#5

Nitrobenzene-d5

Concen: 4.99 ng

RT: 8.74 min Scan# 846

Delta R.T. 0.00 min

Lab File: BM001059.D

Acq: 18 Apr 2015 14:35

Instrument :

BNA_M

ClientSampleId :

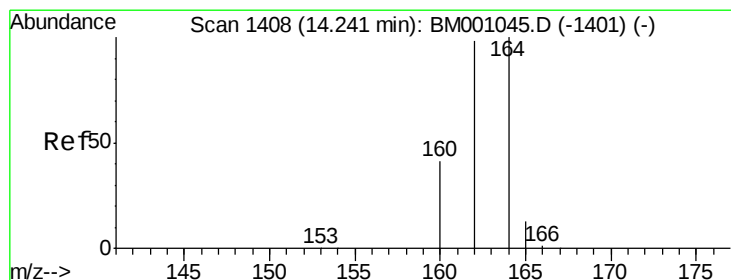
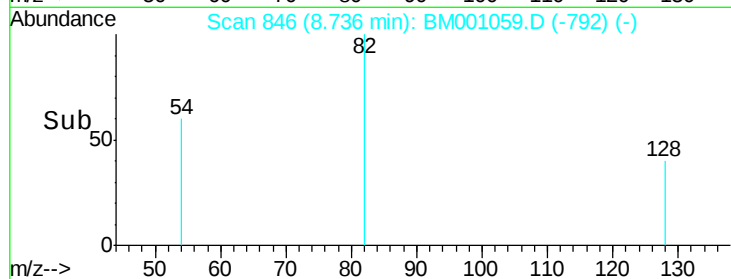
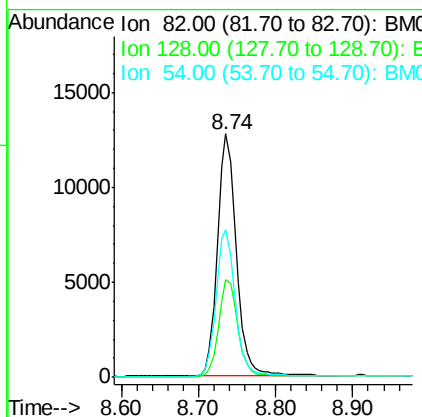
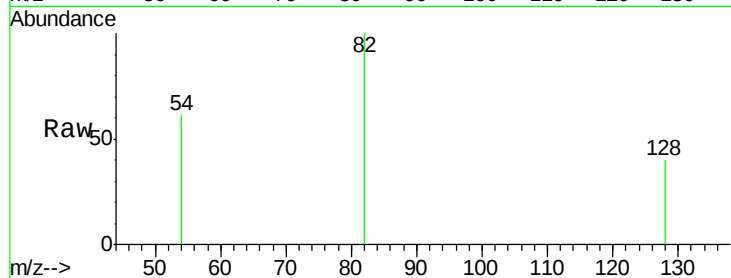
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Tot Ion	82	Resp	21991
Ion Ratio	Lower	Upper	
82	100		
128	40.0	31.9	47.9
54	60.5	51.3	76.9



#8

Acenaphthene-d10

Concen: 5.00 ng

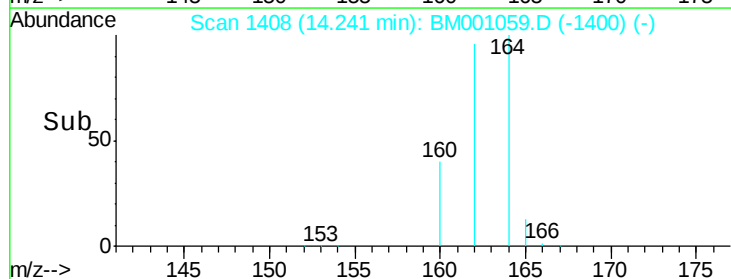
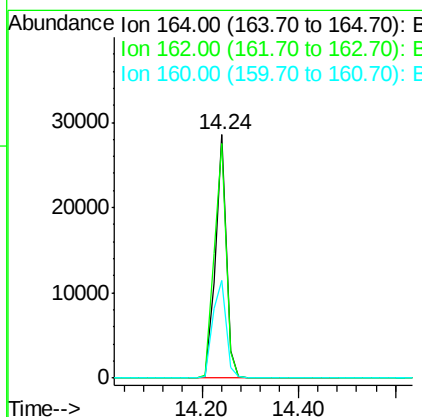
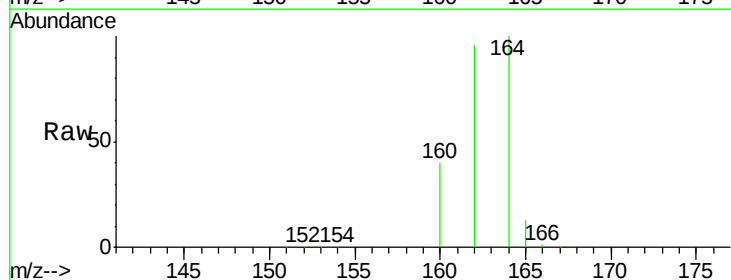
RT: 14.24 min Scan# 1408

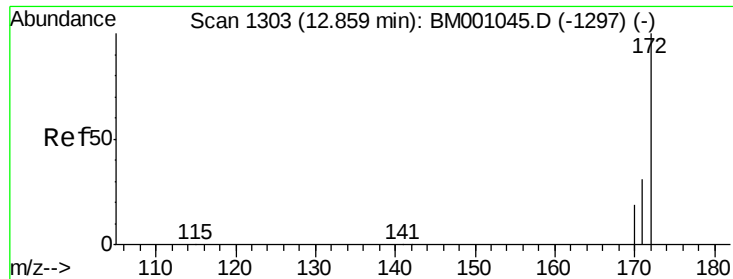
Delta R.T. 0.00 min

Lab File: BM001059.D

Acq: 18 Apr 2015 14:35

Tgt Ion	164	Resp	44601
Ion Ratio	Lower	Upper	
164	100		
162	96.4	78.5	117.7
160	39.9	32.9	49.3





#9

2-Fluorobiphenyl

Concen: 5.28 ng

RT: 12.86 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM001059.D

Acq: 18 Apr 2015 14:35

Instrument :

BNA_M

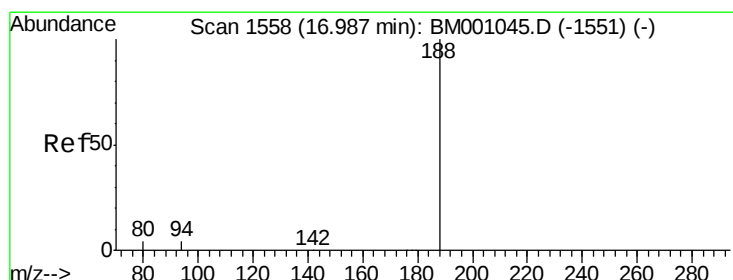
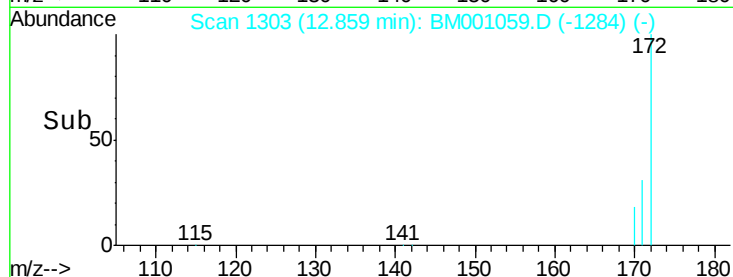
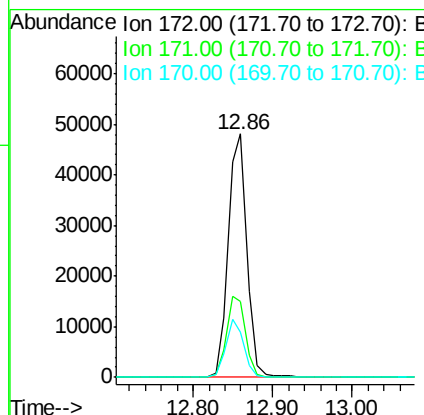
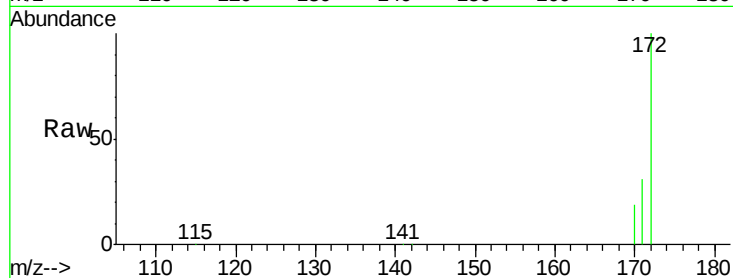
ClientSampleId :

S39-0076

Tot Ion:	172	Resp:	77780
Ion	Ratio	Lower	Upper
172	100		
171	31.0	25.6	38.4
170	18.6	15.8	23.6

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#13

Phenanthrene-d10

Concen: 5.00 ng

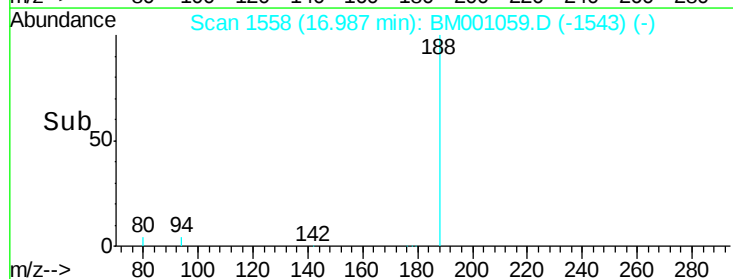
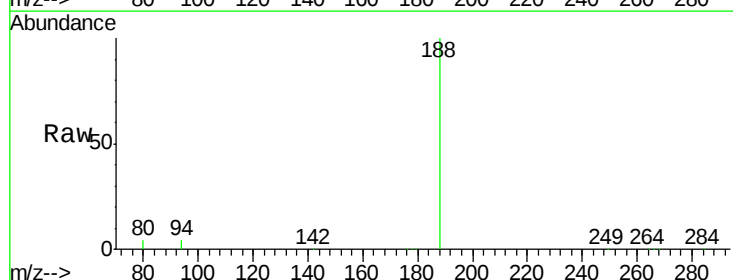
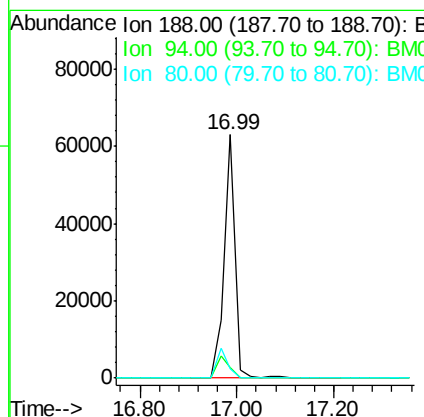
RT: 16.99 min Scan# 1558

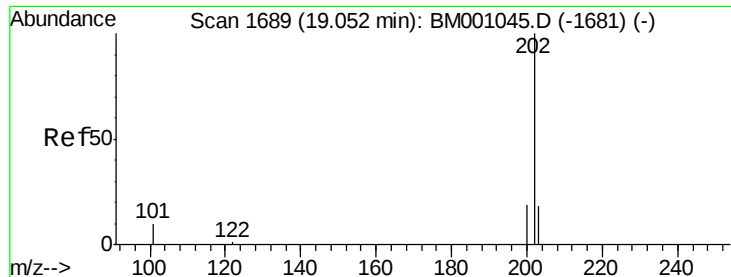
Delta R.T. 0.00 min

Lab File: BM001059.D

Acq: 18 Apr 2015 14:35

Tgt Ion:	188	Resp:	100527
Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.6	5.4
80	3.9	3.0	4.6





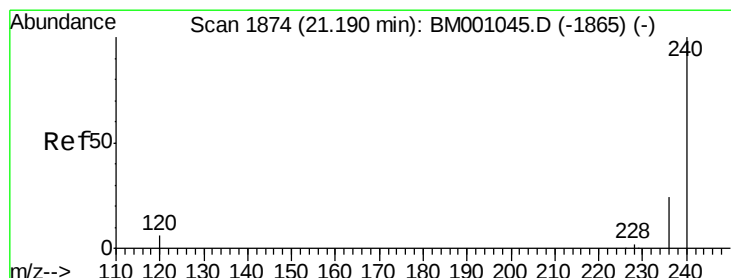
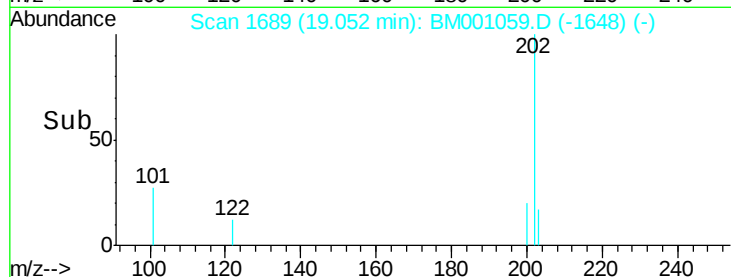
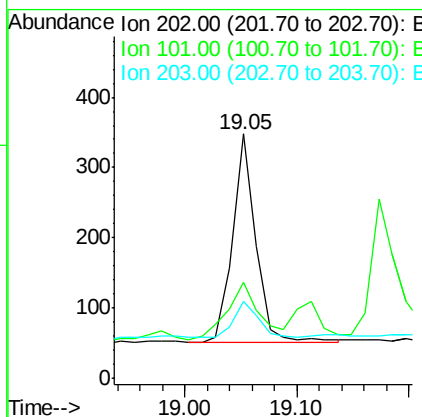
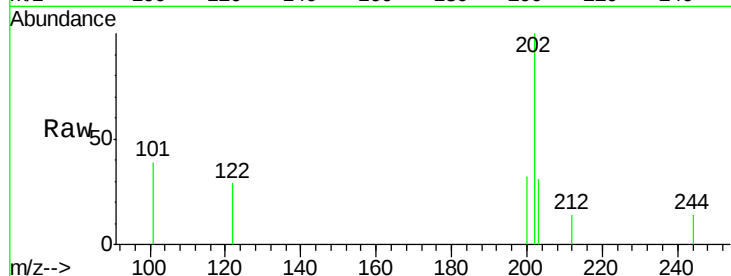
#18
 Fluoranthene
 Concen: 0.02 ng
 RT: 19.05 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BM001059.D
 Acq: 18 Apr 2015 14:35

Instrument :
 BNA_M
 ClientSampleId :
 S39-0076

Tot Ion	Ratio	Lower	Upper
202	100		
101	39.2	10.1	15.1#
203	18.9	13.8	20.8

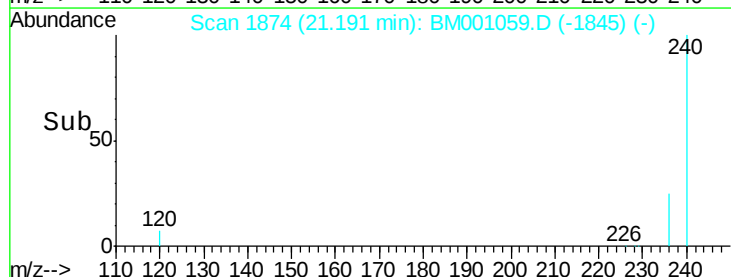
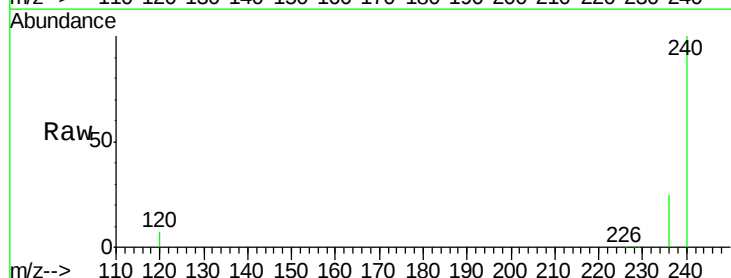
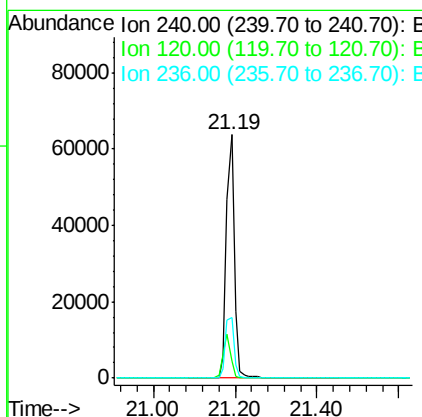
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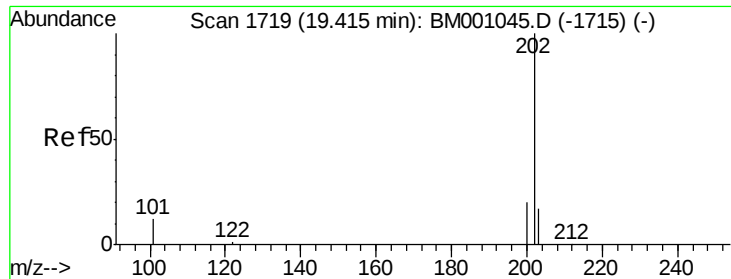
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#19
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.19 min Scan# 1874
 Delta R.T. 0.00 min
 Lab File: BM001059.D
 Acq: 18 Apr 2015 14:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	4.6	6.8#
236	24.6	19.1	28.7





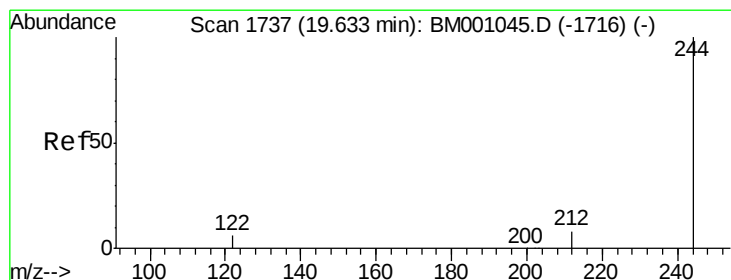
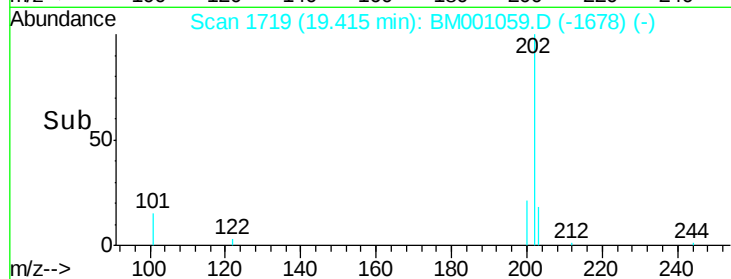
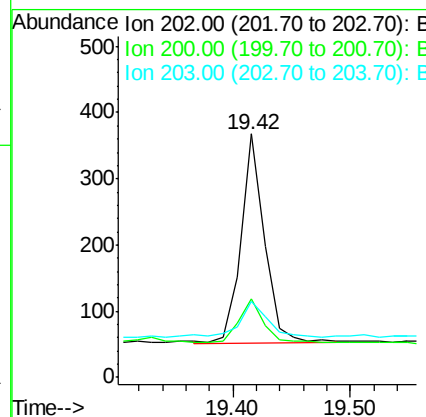
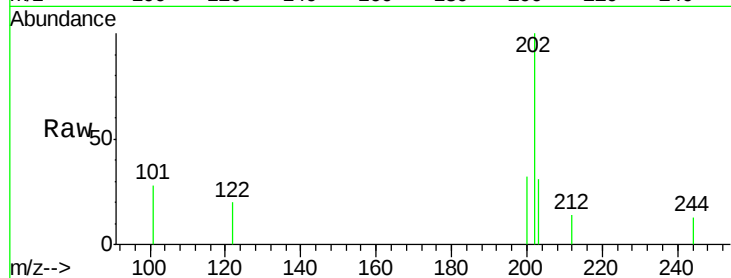
#20
Pvrene
Concen: 0.02 ng/ml
RT: 19.42 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001059.D
Acq: 18 Apr 2015 14:35

Instrument :
BNA_M
ClientSampleId :
S39-0076

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.3	24.5
203	18.1	13.8	20.6

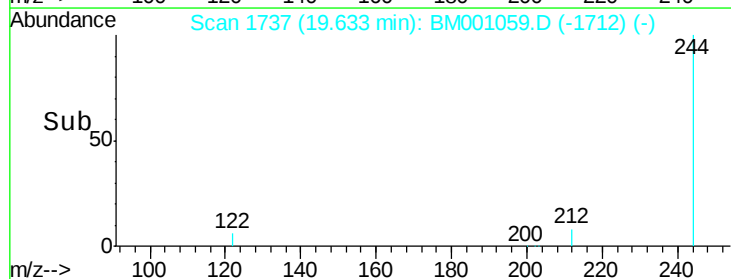
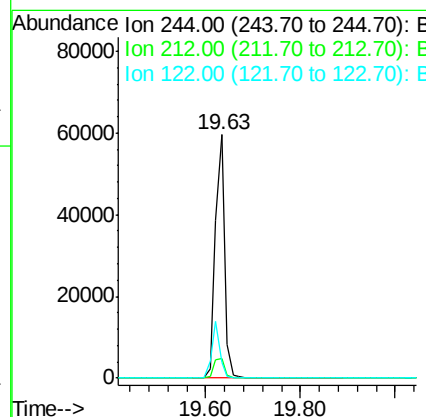
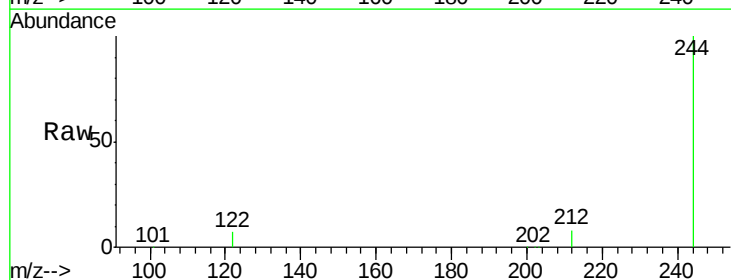
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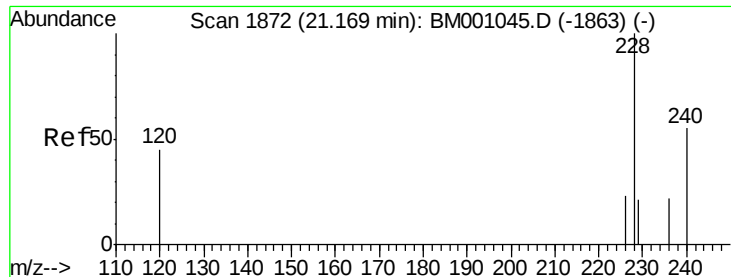
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#21
Terphenyl-d14
Concen: 6.95 ng
RT: 19.63 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BM001059.D
Acq: 18 Apr 2015 14:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.1	10.7
122	6.6	5.9	8.9





#22

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.17 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM001059.D

Acq: 18 Apr 2015 14:35

Instrument :

BNA_M

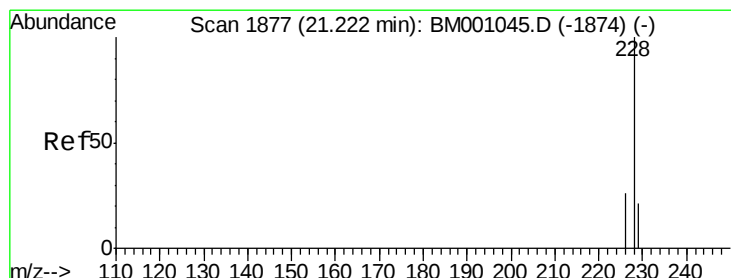
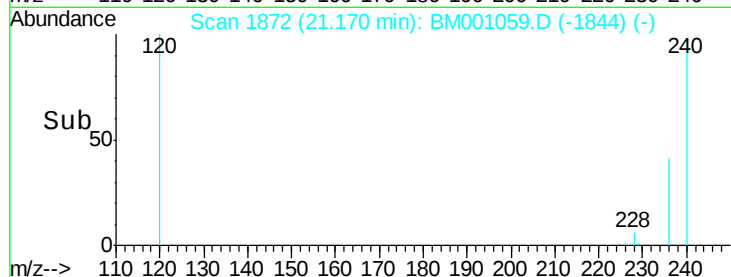
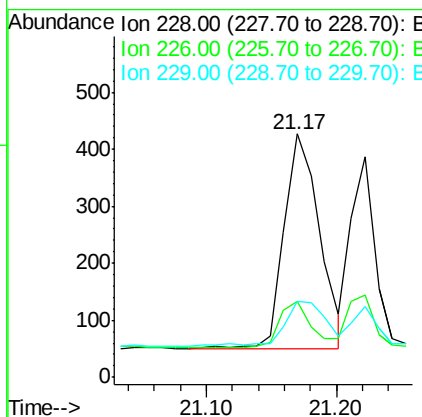
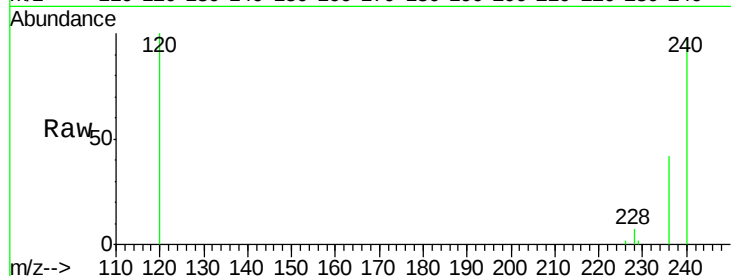
ClientSampled :

S39-0076

Tot Ion:	228	Resp:	705
Ion Ratio	Lower	Upper	
228	100		
226	31.4	19.0	28.6#
229	31.4	16.8	25.2#

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#23

Chrysene

Concen: 0.02 ng

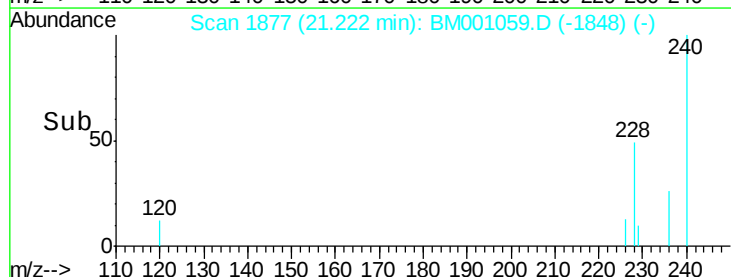
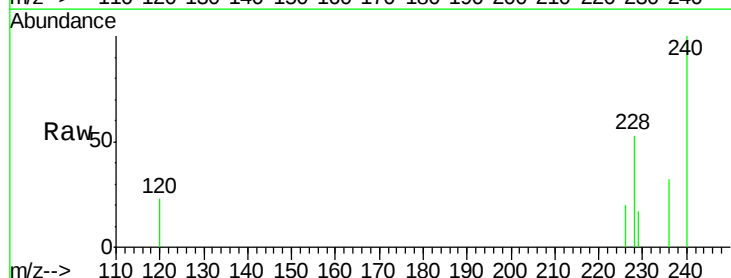
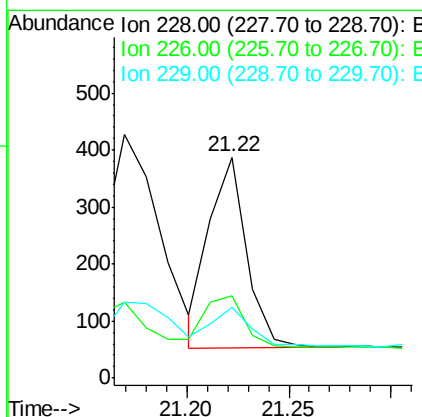
RT: 21.22 min Scan# 1877

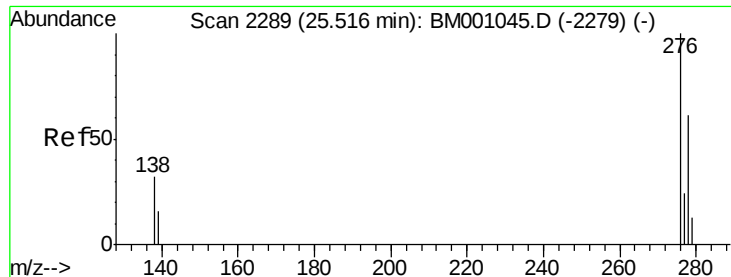
Delta R.T. 0.00 min

Lab File: BM001059.D

Acq: 18 Apr 2015 14:35

Tgt Ion:	228	Resp:	425
Ion Ratio	Lower	Upper	
228	100		
226	37.4	20.6	31.0#
229	32.2	17.2	25.8#





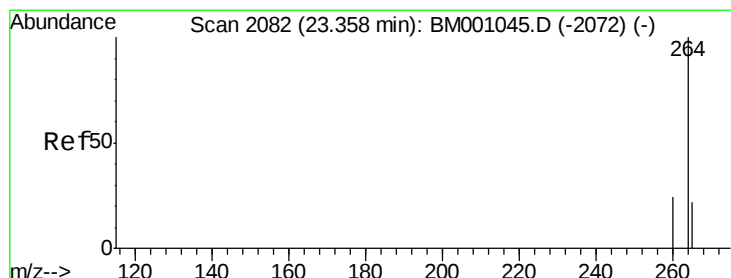
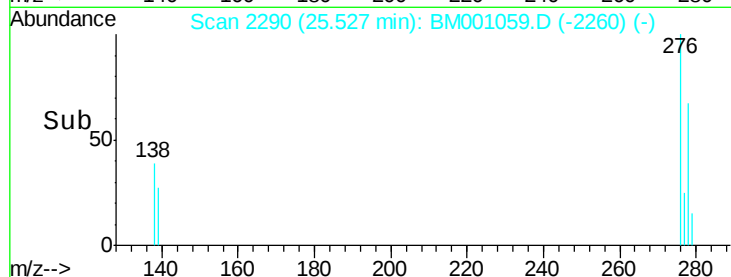
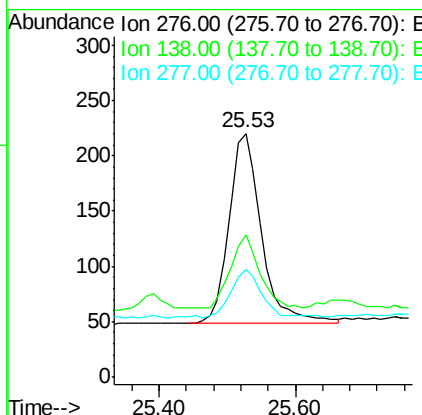
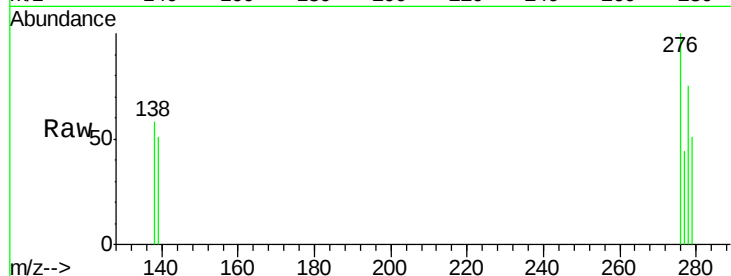
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.53 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BM001059.D
Acq: 18 Apr 2015 14:35

Instrument :
BNA_M
ClientSampleId :
S39-0076

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.8	26.3	39.5
277	26.1	19.5	29.3

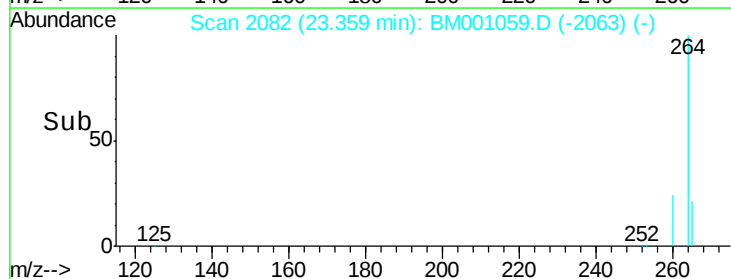
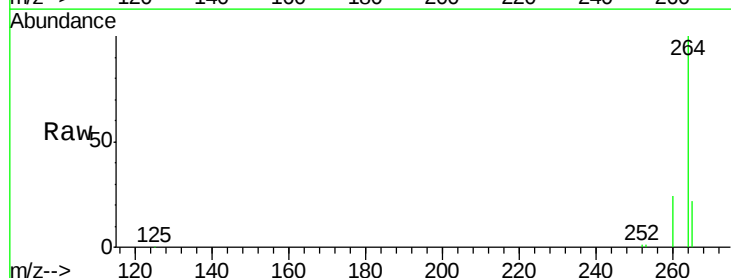
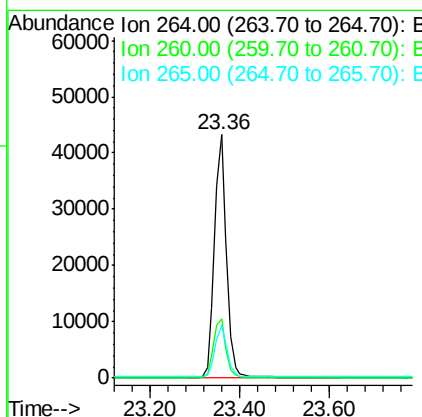
Manual Integrations
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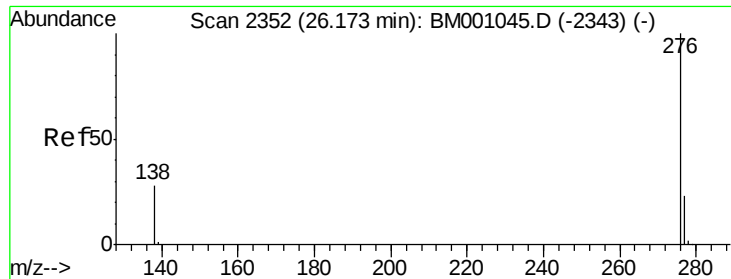
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#25
Perylene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM001059.D
Acq: 18 Apr 2015 14:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.8	17.9	26.9





#30

Benzo(a,h,i)perylene

Concen: 0.02 ng

RT: 26.18 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BM001059.D

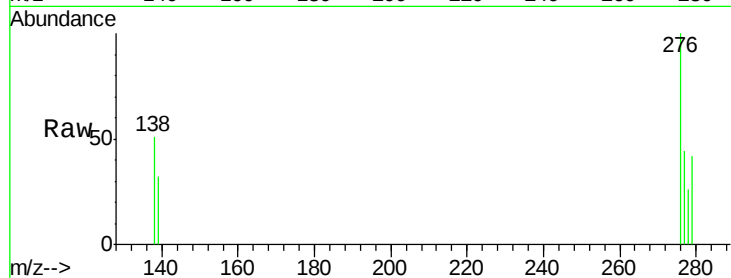
Acq: 18 Apr 2015 14:35

Instrument :

BNA_M

ClientSampleId :

S39-0076



Tot Ion: 276 Resp: 499

Ion Ratio Lower Upper

276 100

277 44.4 19.0 28.4#

138 51.2 23.4 35.2#

Manual Integrations
APPROVED

apatel
4/20/2015 4:34:51 PM

