

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014751.D
 Acq On : 20 Apr 2018 02:16
 Operator : SJ/JU
 Sample : J2434-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

Sohil
 4/20/2018 3:11:20 PM

Quant Time: Apr 20 08:39:41 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 01:26:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	342874	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1447357	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	778237	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1622379	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1582007	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1636128	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	28920	3.68	ng/uL	0.00
5) Phenol-d5	7.66	99	535300	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	381946	22.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	468574	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	367607	17.39	ng/ul	0.00
19) Nitrobenzene-d5	9.72	128	229410	21.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	229135	21.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	434478	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	550769	26.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1326424	21.83	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1705790	22.74	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	165498	14.68	ng/ul	0.00
57) Fluorene-d10	16.12	176	1149399	21.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	105417	12.01	ng/ul	0.00
70) Anthracene-d10	17.95	188	1675411	22.16	ng/ul	0.00
76) Pyrene-d10	20.19	212	1784200	23.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.27	264	1729956	21.52	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	7.69	94	129067	4.949	ng/ul#	80
44) Dimethylphthalate	14.58	163	373444	6.359	ng/ul	99
69) Phenanthrene	17.90	178	374894	4.303	ng/ul	98
74) Fluoranthene	19.86	202	1089367	11.468	ng/ul#	84
77) Pyrene	20.22	202	1014407	10.974	ng/ul#	81
80) Benzo(a)anthracene	21.92	228	722680	7.812	ng/ul	98
82) Chrysene	21.98	228	757358	8.745	ng/ul	96
85) Benzo(b)fluoranthene	23.67	252	1299561	13.474	ng/ul#	96
86) Benzo(k)fluoranthene	23.72	252	397012m	4.281	ng/ul	
88) Benzo(a)pyrene	24.33	252	894863	9.781	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.02	276	662097	5.982	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.03	278	177797	1.908	ng/ul#	95
91) Benzo(g,h,i)perylene	27.83	276	660201	7.251	ng/ul#	90

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

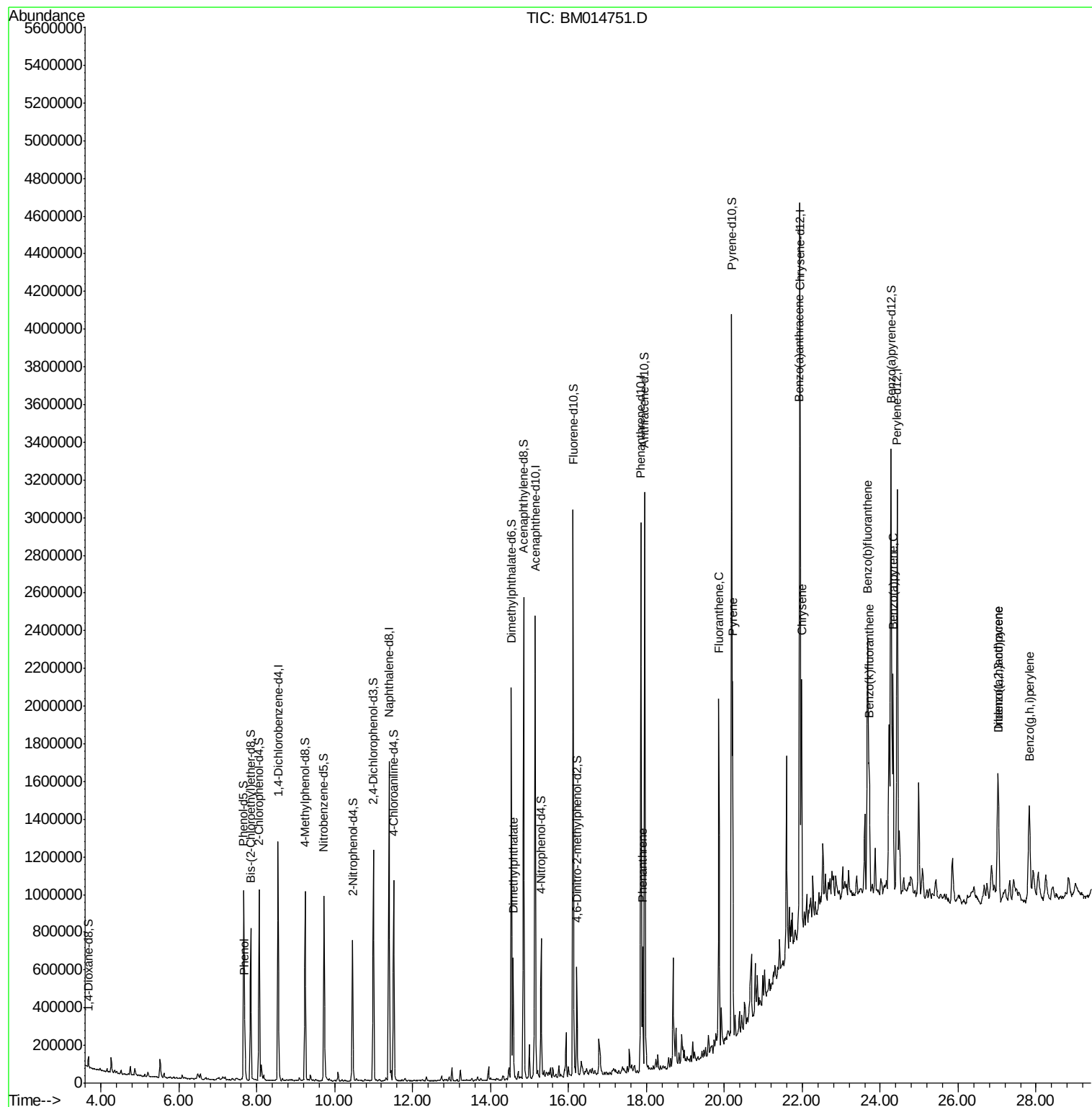
Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
Data File : BM014751.D
Acq On : 20 Apr 2018 02:16
Operator : SJ/JU
Sample : J2434-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

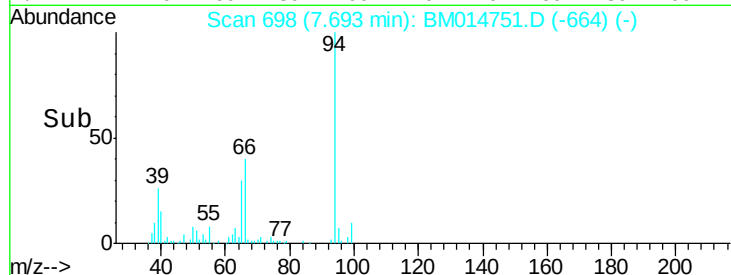
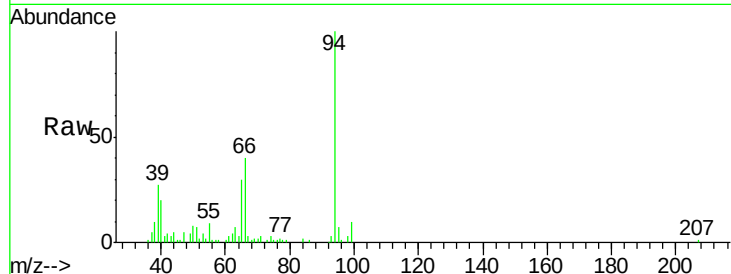
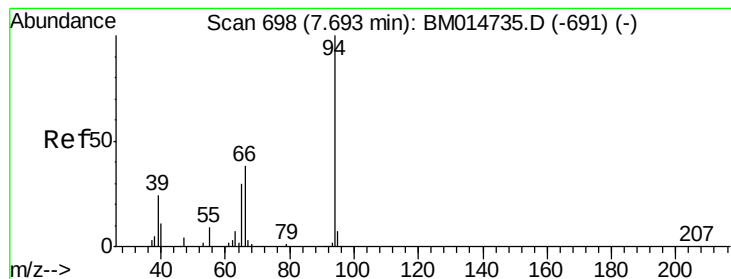
Instrument :
BNA_M
ClientSampleId :
C0AC4

Quant Time: Apr 20 08:39:41 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 01:26:25 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 4.949 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		129067		
65	29.9	28.2	42.4		
66	39.5	47.2	70.8#		

Instrument :

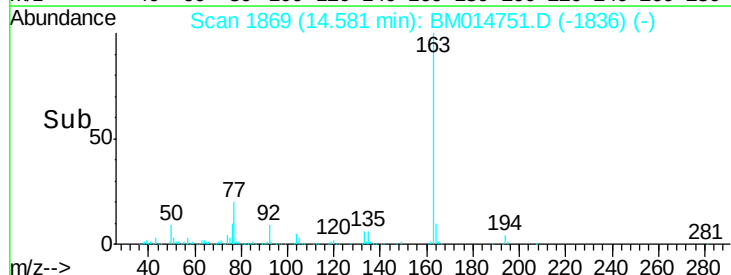
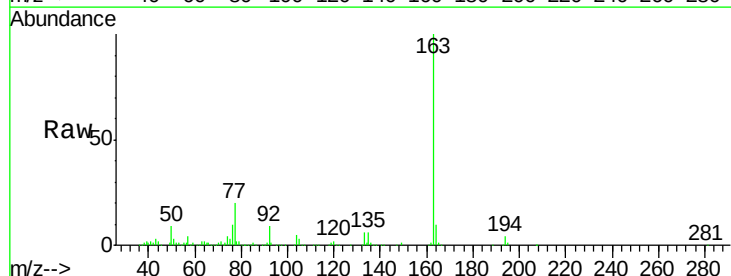
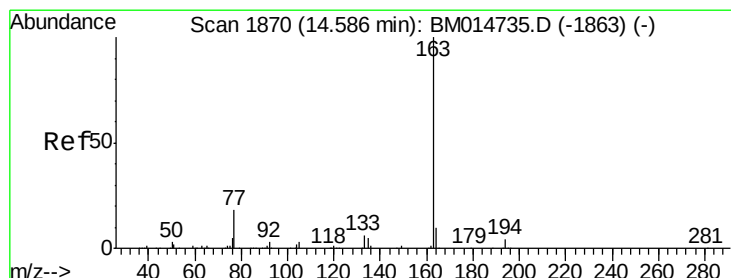
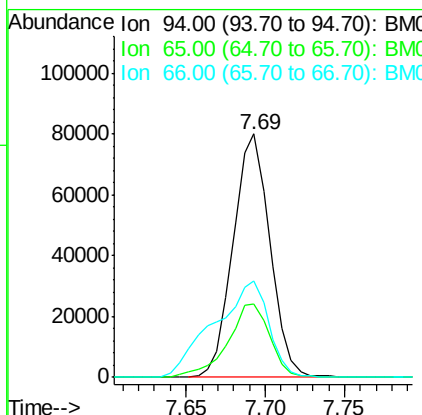
BNA_M

ClientSampled :

C0AC4

Manual Integrations
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#44

Dimethylphthalate

Concen: 6.359 ng/ul

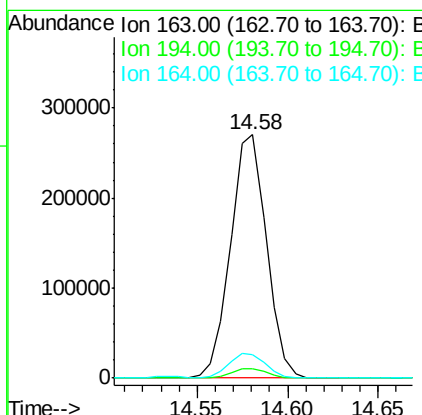
RT: 14.58 min Scan# 1869

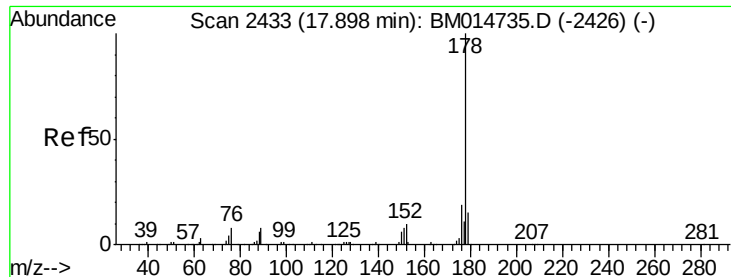
Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		373444		
194	4.1	3.5	5.3		
164	9.8	8.2	12.4		





#69

Phenanthrene

Concen: 4.303 ng/ul

RT: 17.90 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Instrument :

BNA_M

ClientSampleId :

C0AC4

Tot Ion:178 Resp: 374894

Ion Ratio Lower Upper

178 100

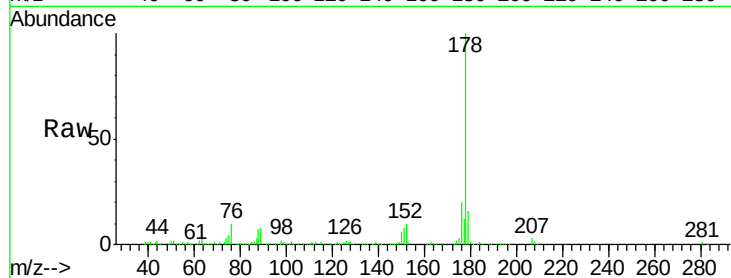
179 15.7 12.6 19.0

176 19.8 14.9 22.3

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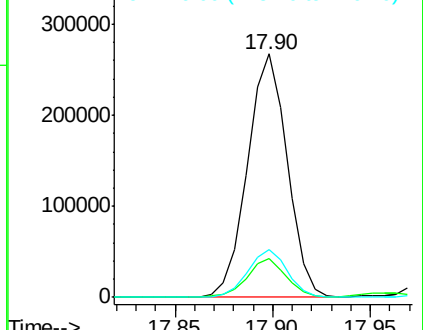
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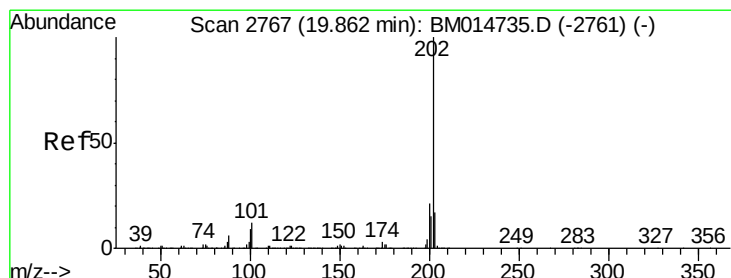
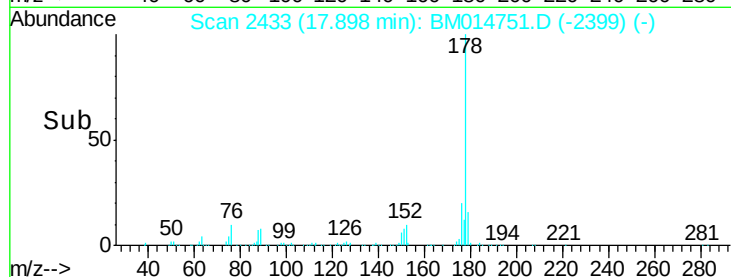
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Fluoranthene

Concen: 11.468 ng/ul

RT: 19.86 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

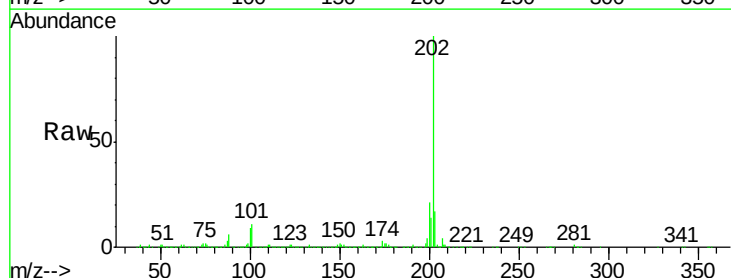
Tgt Ion:202 Resp: 1089367

Ion Ratio Lower Upper

202 100

101 11.3 4.6 7.0#

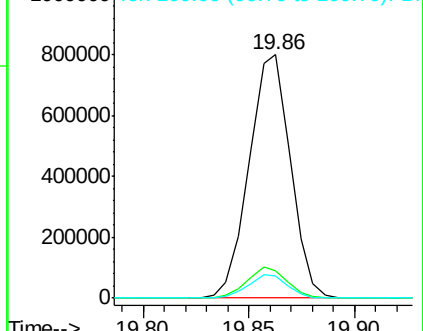
100 9.3 3.4 5.2#



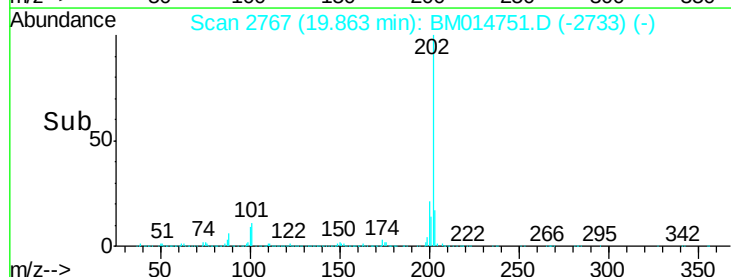
Abundance Ion 202.00 (201.70 to 202.70): E

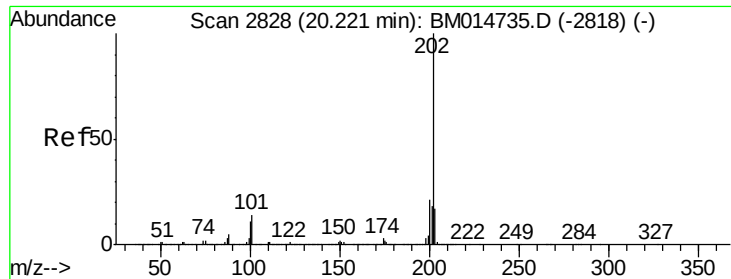
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 10.974 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Instrument :

BNA_M

ClientSampled :

C0AC4

Tot Ion:202 Resp: 1014407

Ion Ratio Lower Upper

202 100

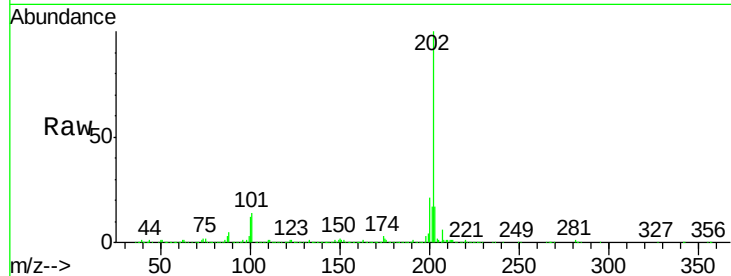
101 13.8 5.1 7.7#

100 11.7 4.9 7.3#

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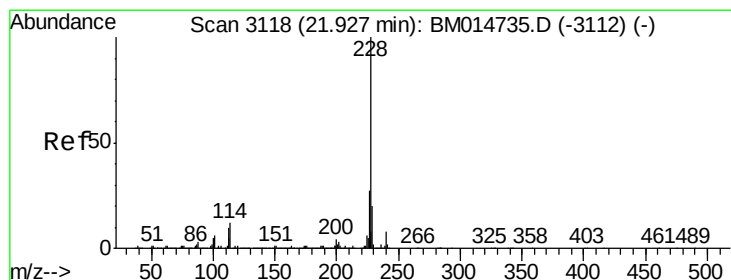
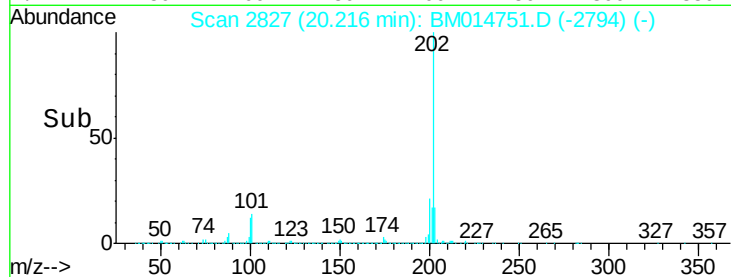
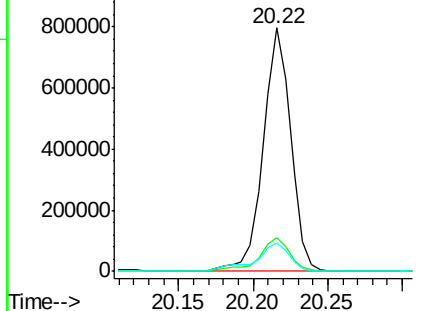
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 7.812 ng/ul

RT: 21.92 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

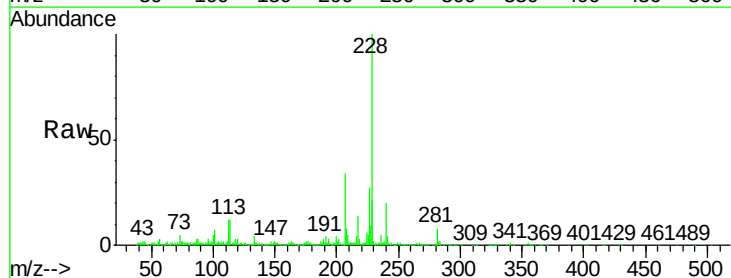
Tgt Ion:228 Resp: 722680

Ion Ratio Lower Upper

228 100

229 21.2 15.4 23.0

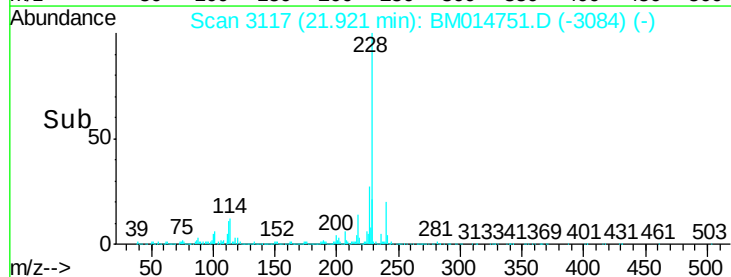
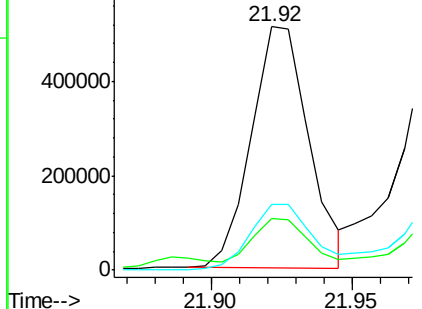
226 26.9 21.4 32.0

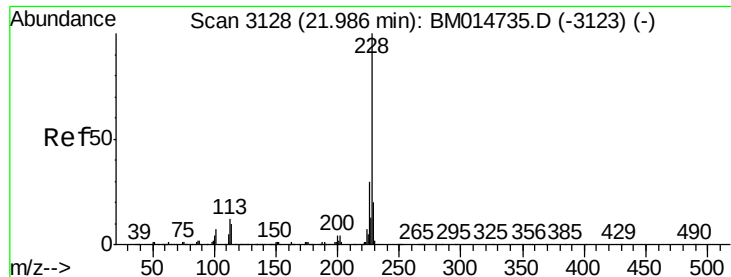


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





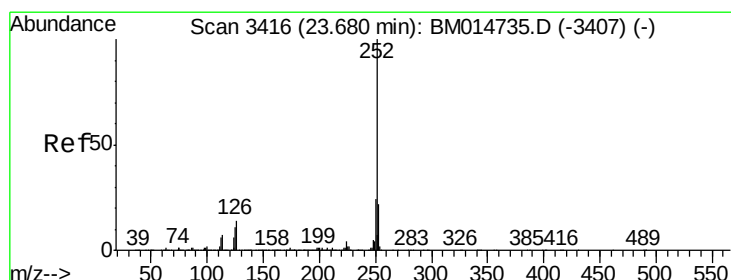
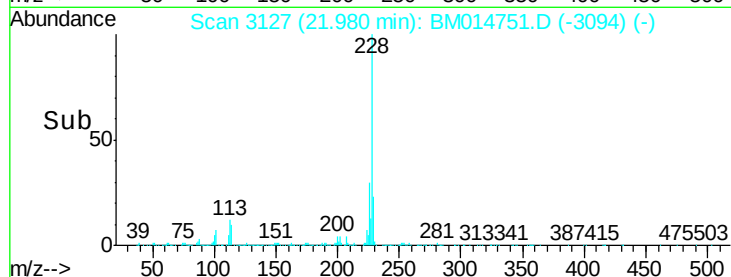
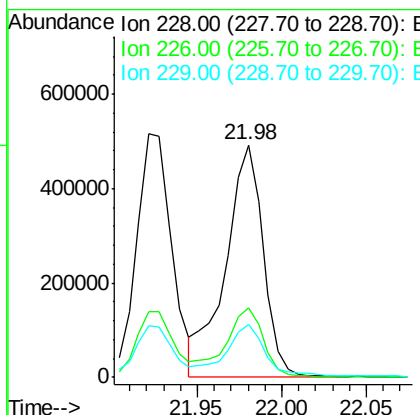
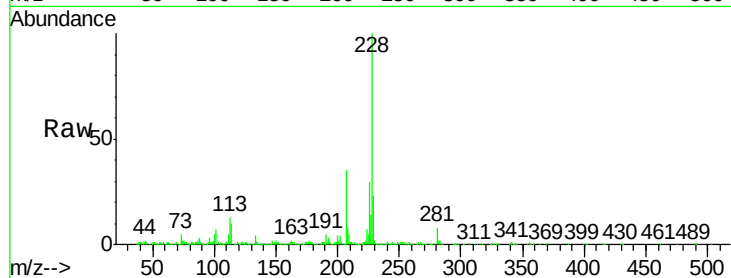
#82
Chrysene
Concen: 8.745 ng/ul
RT: 21.98 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

Instrument :
BNA_M
ClientSampleId :
C0AC4

Tot Ion	Ratio	Resp	Lower	Upper
228	100	757358		
226	30.1		23.4	35.2
229	23.0		15.5	23.3

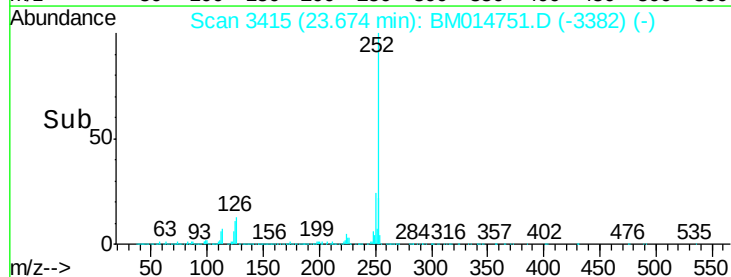
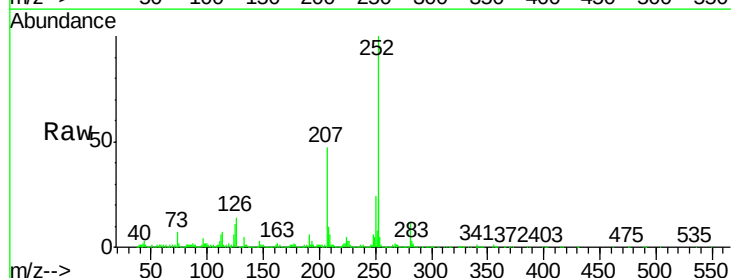
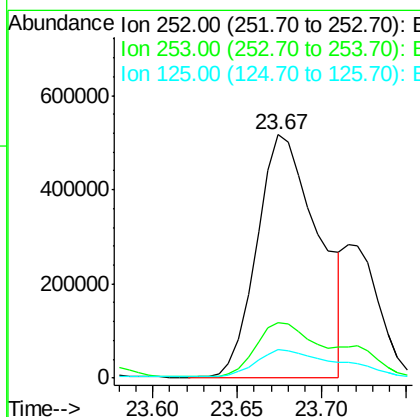
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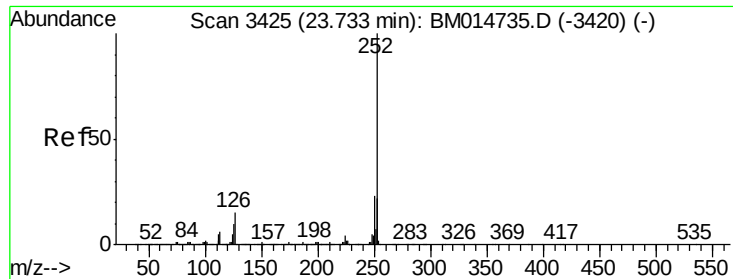
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#85
Benzo(b)fluoranthene
Concen: 13.474 ng/ul
RT: 23.67 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	1299561		
253	22.9		17.9	26.9
125	11.5		3.6	5.4





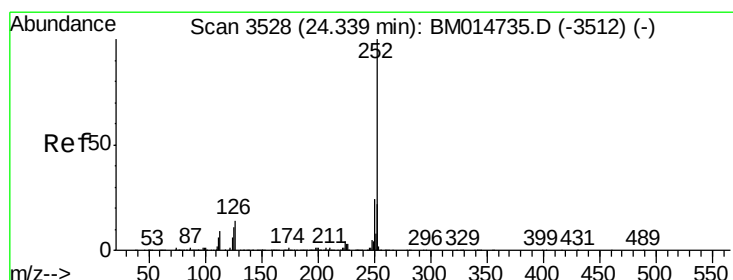
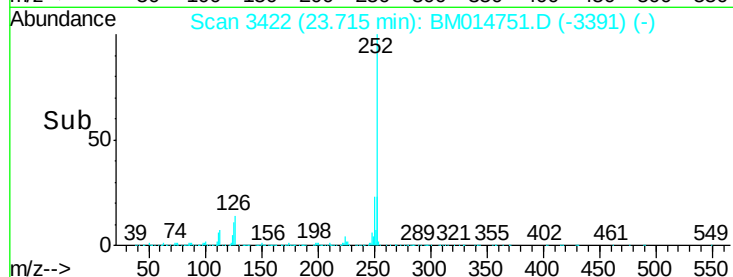
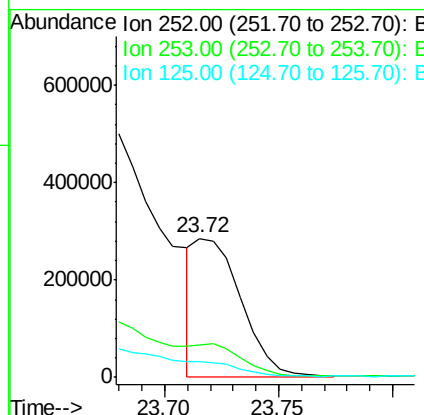
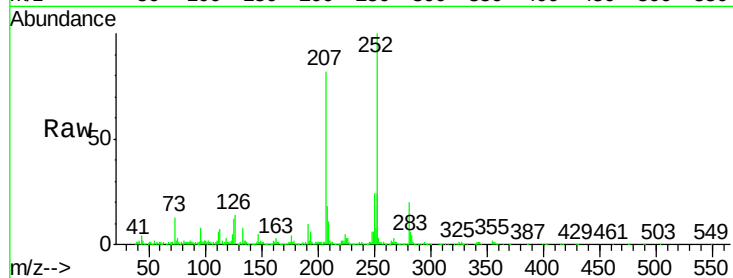
#86
Benzo(k)fluoranthene
Concen: 4.281 ng/ul m
RT: 23.72 min Scan# 3422
Delta R.T. -0.02 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

Instrument :
BNA_M
ClientSampled :
C0AC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	11.8	3.4	5.2

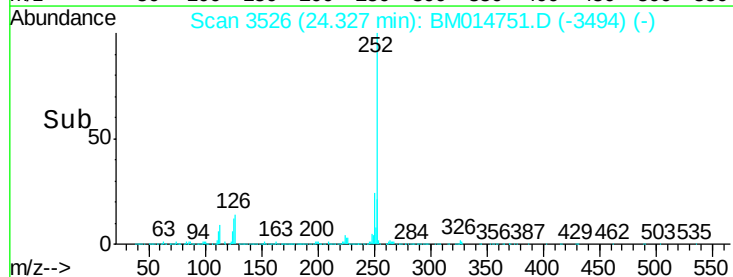
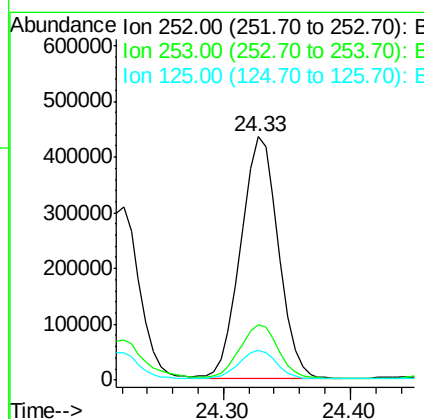
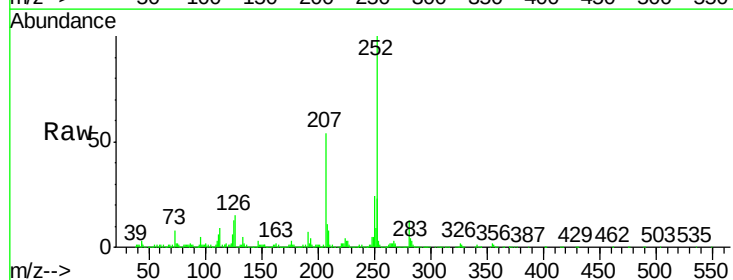
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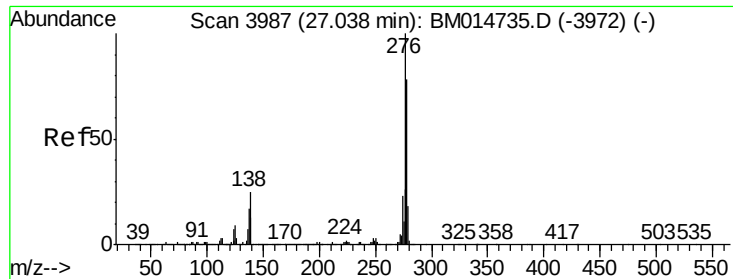
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#88
Benzo(a)pyrene
Concen: 9.781 ng/ul
RT: 24.33 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BM014751.D
Acq: 20 Apr 2018 02:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.5	4.0	6.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 5.982 ng/ul

RT: 27.02 min Scan# 3984

Delta R.T. -0.02 min

Lab File: BM014751.D

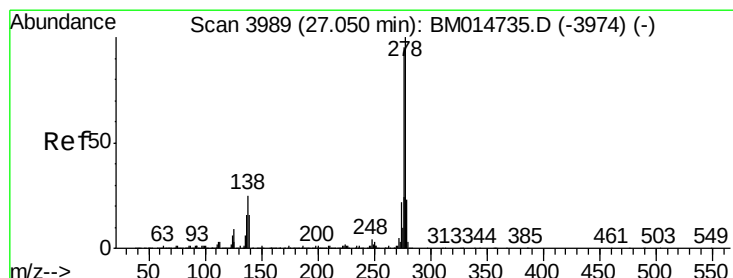
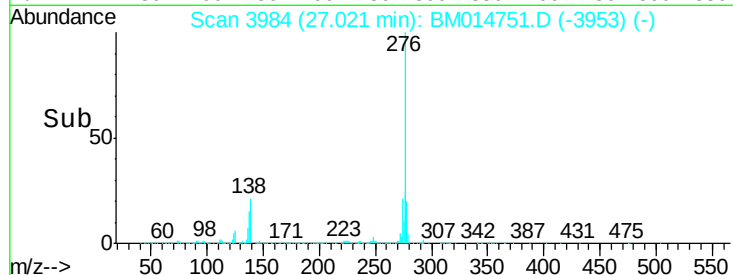
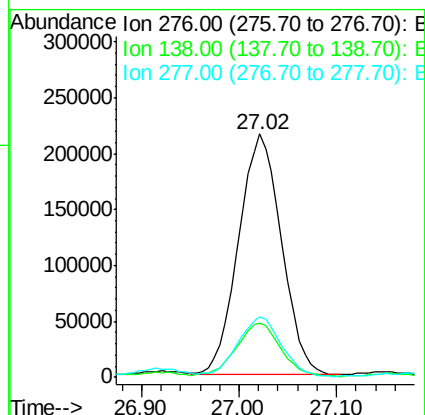
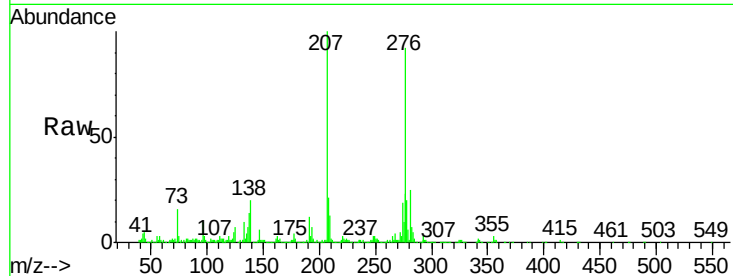
Acq: 20 Apr 2018 02:16

Instrument :
BNA_M
ClientSampled :
C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.0	9.3	13.9#
277	24.8	19.9	29.9

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#90

Dibenzo(a,h)anthracene

Concen: 1.908 ng/ul

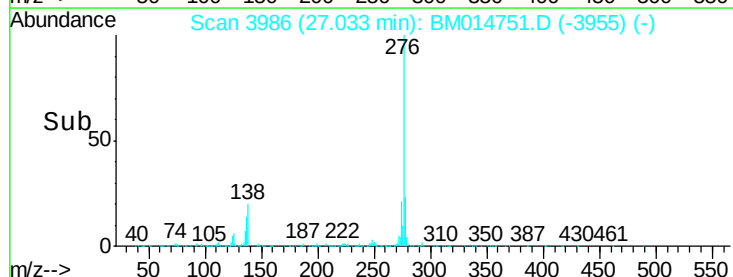
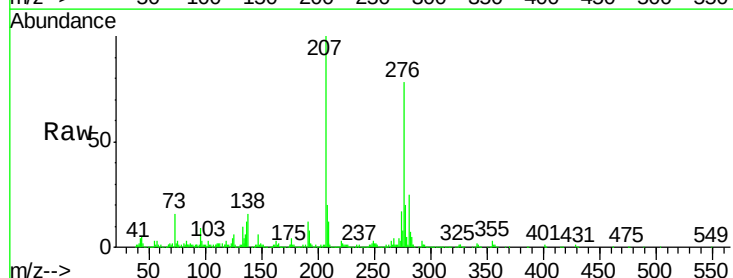
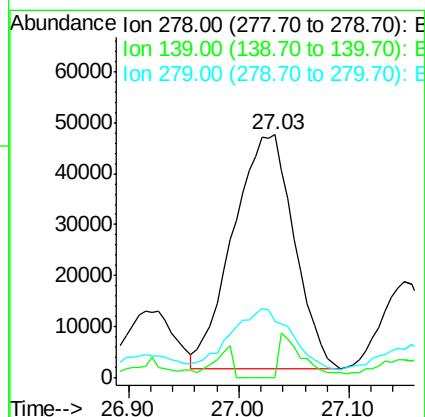
RT: 27.03 min Scan# 3986

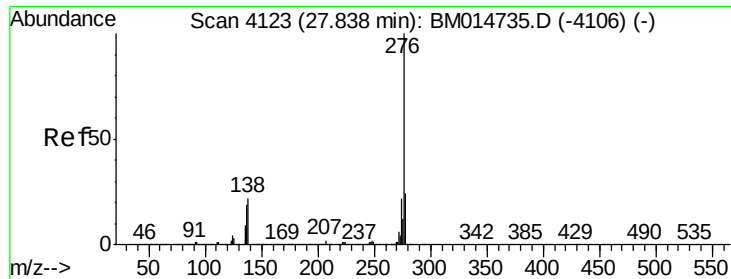
Delta R.T. -0.02 min

Lab File: BM014751.D

Acq: 20 Apr 2018 02:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	23.2	18.6	27.8





#91
 Benzo(a,h,i)perylene
 Concen: 7.251 ng/ul
 RT: 27.83 min Scan# 4121
 Delta R.T. -0.01 min
 Lab File: BM014751.D
 Acq: 20 Apr 2018 02:16

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	8.5	12.7#
277	23.1	18.6	28.0

Manual Integrations
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