

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014746.D
 Acq On : 19 Apr 2018 22:41
 Operator : SJ/JU
 Sample : J2434-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

Manual Integrations
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Quant Time: Apr 20 02:28:31 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	343964	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1479778	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	798318	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1698180	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1675776	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1713690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	25047	3.18	ng/uL	0.00
5) Phenol-d5	7.66	99	466086	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	329379	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	398513	17.92	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	321865	15.18	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	193297	18.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	187036	17.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	373285	17.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	463398	21.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1196745	19.20	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1486295	19.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	129654	11.21	ng/ul	0.00
57) Fluorene-d10	16.12	176	1032699	19.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	98998	10.77	ng/ul	0.00
70) Anthracene-d10	17.95	188	1515179	19.15	ng/ul	0.00
76) Pyrene-d10	20.19	212	1638936	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1589927	18.88	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.69	94	99165	3.790	ng/ul#	80
44) Dimethylphthalate	14.58	163	285703	4.743	ng/ul	99
69) Phenanthrene	17.90	178	196138	2.151	ng/ul	99
74) Fluoranthene	19.86	202	963296	9.688	ng/ul#	84
77) Pyrene	20.22	202	1046187	10.685	ng/ul#	80
80) Benzo(a)anthracene	21.93	228	860504	8.781	ng/ul	98
82) Chrysene	21.98	228	1017285	11.089	ng/ul	97
85) Benzo(b)fluoranthene	23.67	252	1953179	19.334	ng/ul#	94
86) Benzo(k)fluoranthene	23.72	252	653195m	6.724	ng/ul	
88) Benzo(a)pyrene	24.33	252	1428875	14.911	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	27.03	276	1099122	9.481	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.03	278	279093	2.859	ng/ul#	92
91) Benzo(g,h,i)perylene	27.83	276	1166361	12.230	ng/ul#	90

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

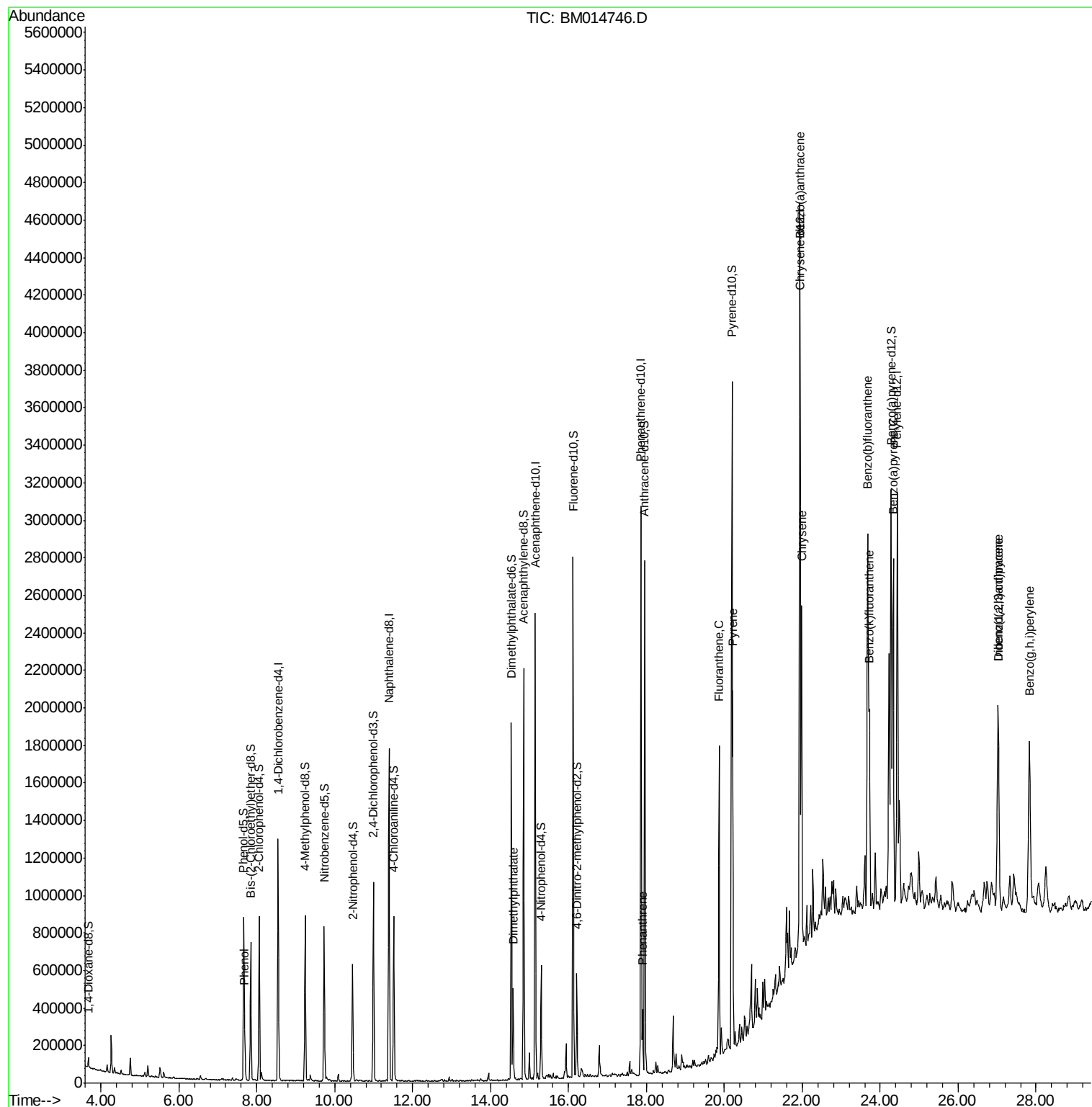
Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
Data File : BM014746.D
Acq On : 19 Apr 2018 22:41
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Sample : J2434-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

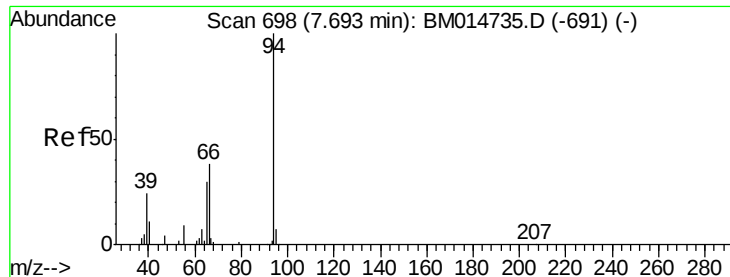
Instrument :
BNA_M
ClientSampleId :
C0AD3

Quant Time: Apr 20 02:28:31 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: 3.790 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. 0.00 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

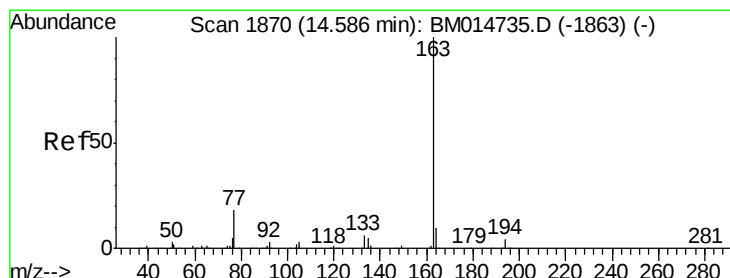
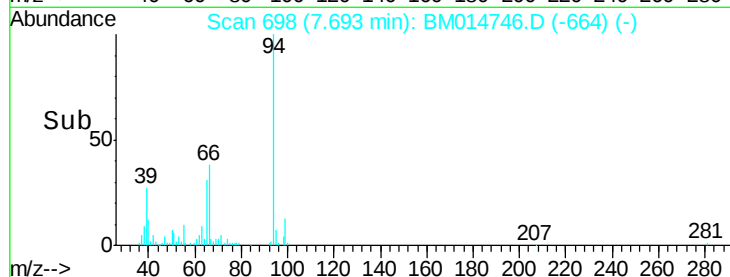
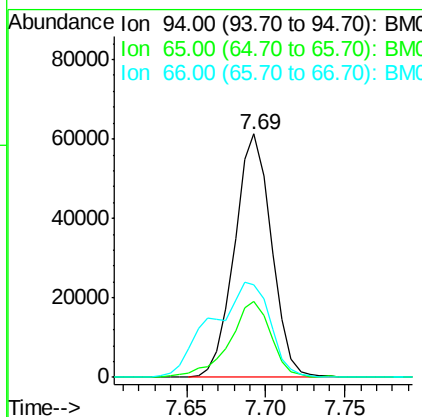
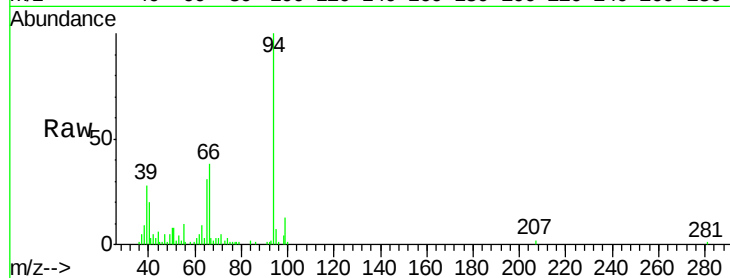
ClientSampleId :

C0AD3

Tot Ion:	94	Resp:	99165
Ion Ratio	Lower	Upper	
94	100		
65	31.4	28.2	42.4
66	38.1	47.2	70.8#

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#44

Dimethylphthalate

Concen: 4.743 ng/ul

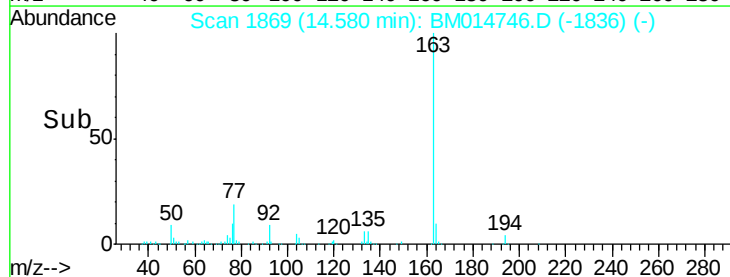
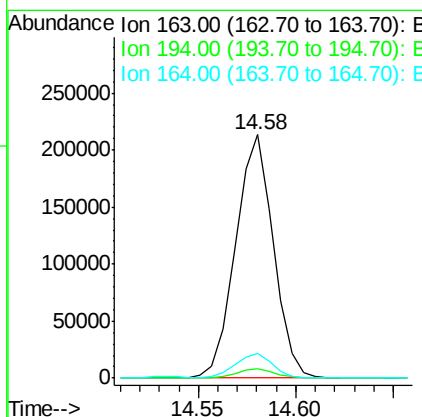
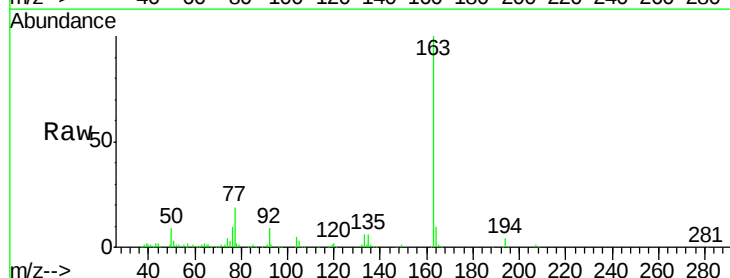
RT: 14.58 min Scan# 1869

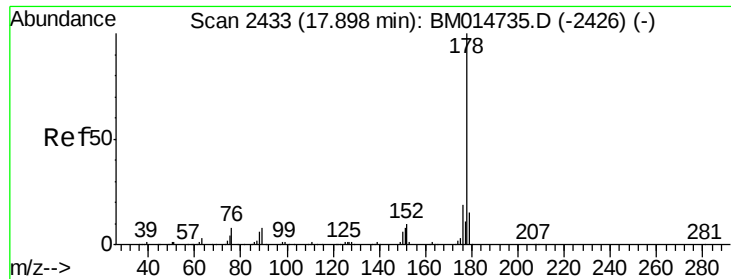
Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Tgt Ion:	163	Resp:	285703
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.5	5.3
164	10.0	8.2	12.4





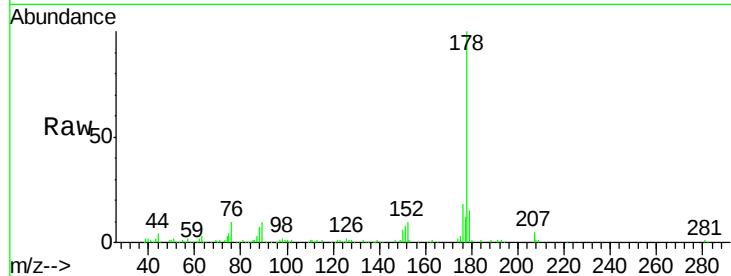
#69
Phenanthrene
Concen: 2.151 ng/ul
RT: 17.90 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

Instrument :
BNA_M
ClientSampleId :
C0AD3

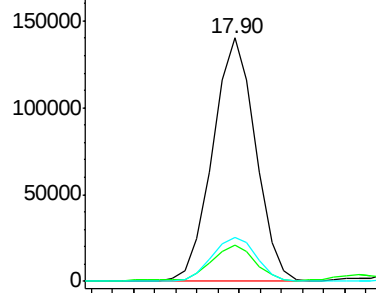
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.1	14.9	22.3

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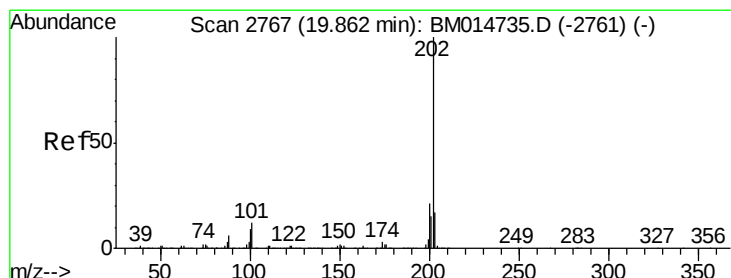
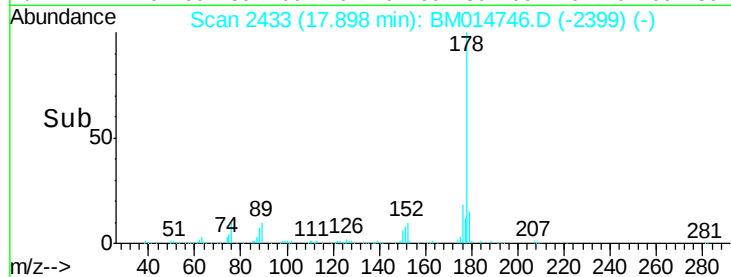
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

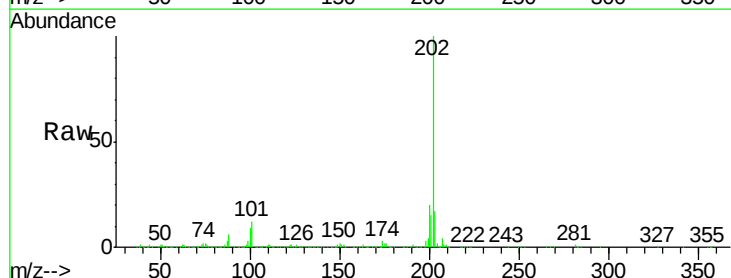


Time-->

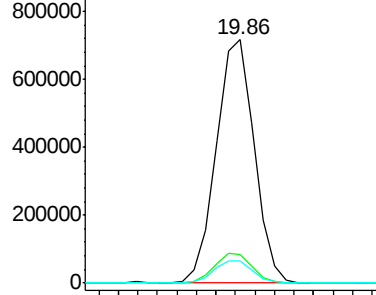


#74
Fluoranthene
Concen: 9.688 ng/ul
RT: 19.86 min Scan# 2767
Delta R.T. 0.00 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

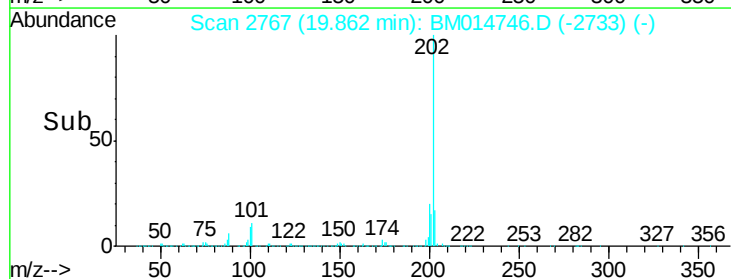
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	4.6	7.0#
100	9.3	3.4	5.2#

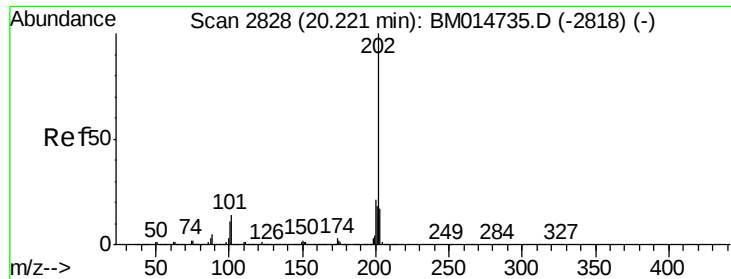


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#77

Pvrene

Concen: 10.685 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

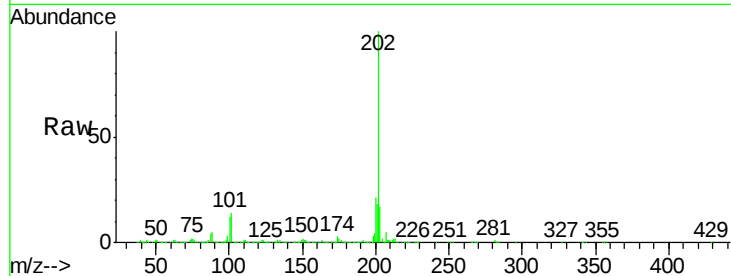
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	5.1	7.7#
100	11.7	4.9	7.3#

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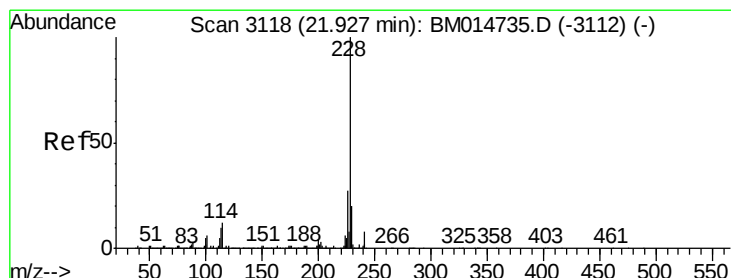
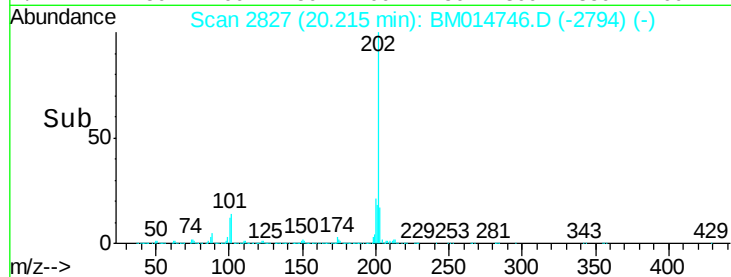
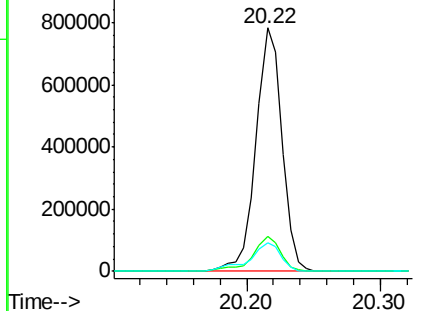
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 8.781 ng/ul

RT: 21.93 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM014746.D

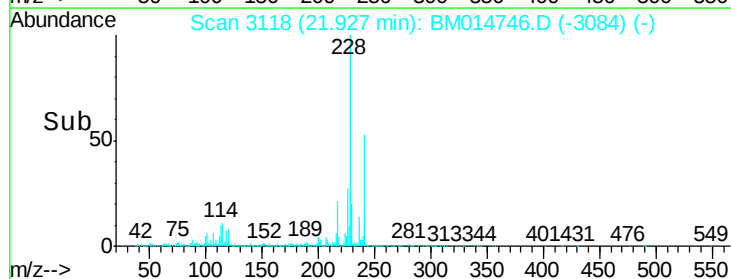
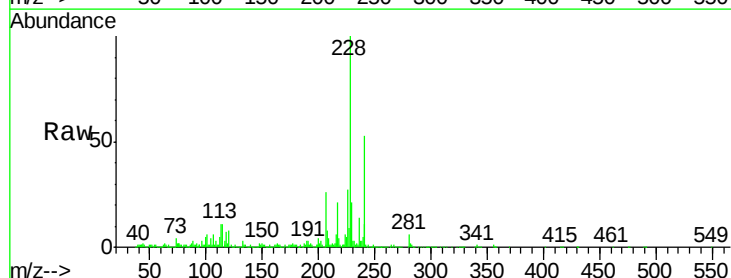
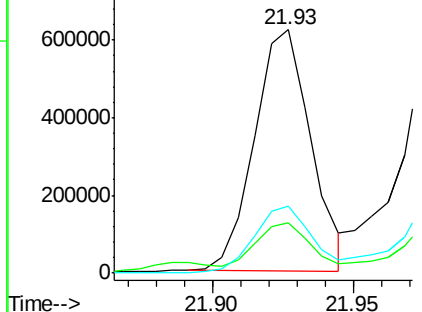
Acq: 19 Apr 2018 22:41

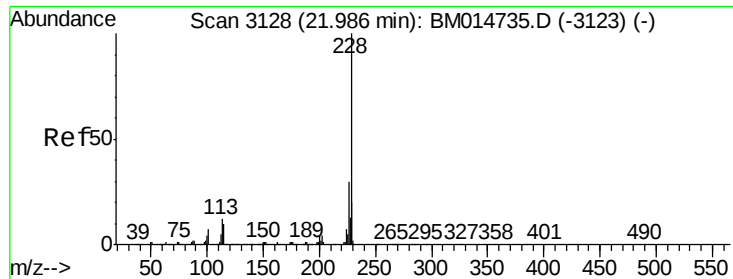
Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	27.3	21.4	32.0

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





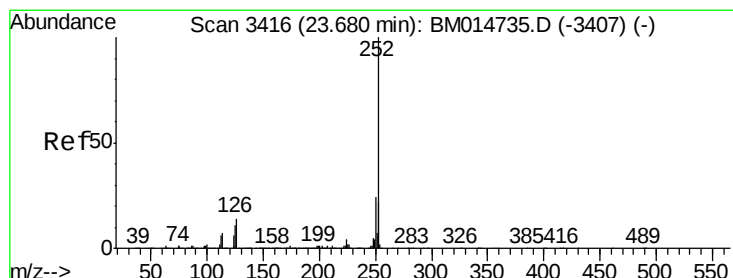
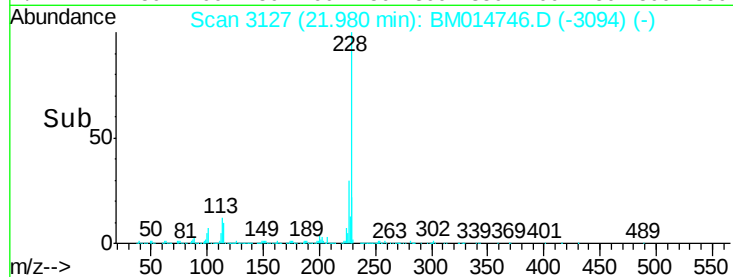
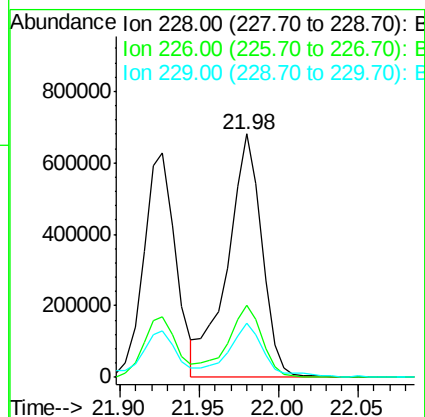
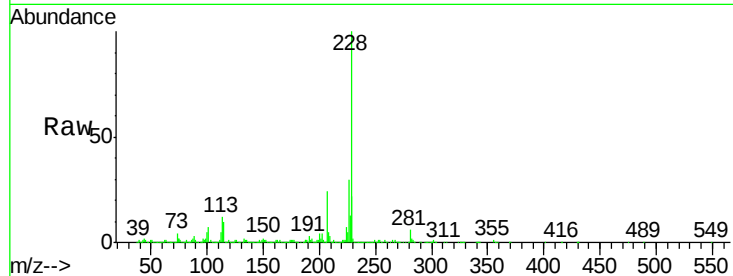
#82
Chrysene
Concen: 11.089 ng/ul
RT: 21.98 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

Instrument :
BNA_M
ClientSampled :
C0AD3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.1	15.5	23.3

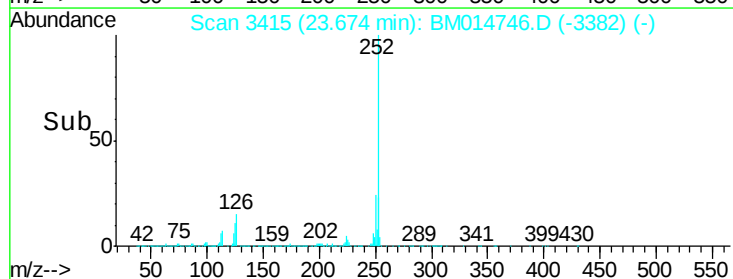
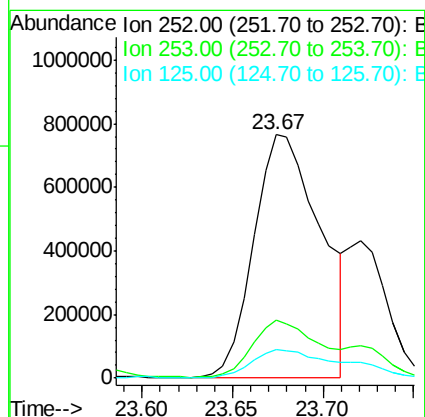
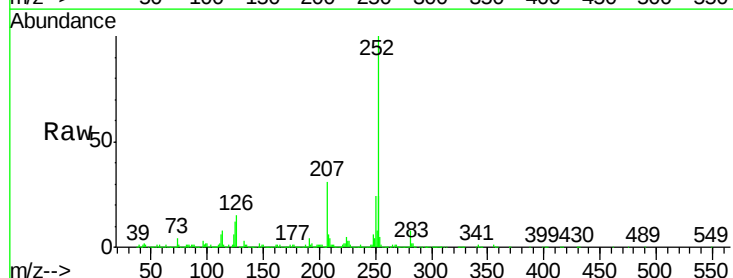
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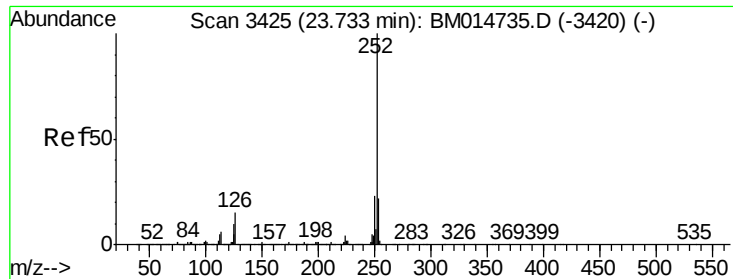
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#85
Benzo(b)fluoranthene
Concen: 19.334 ng/ul
RT: 23.67 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	11.6	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 6.724 ng/ul m

RT: 23.72 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Instrument :

BNA_M

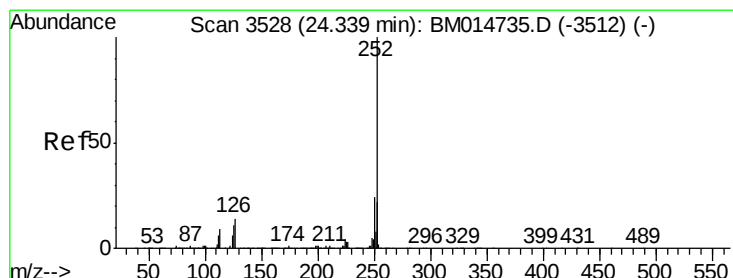
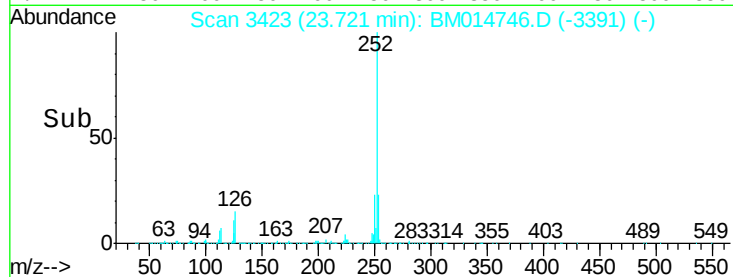
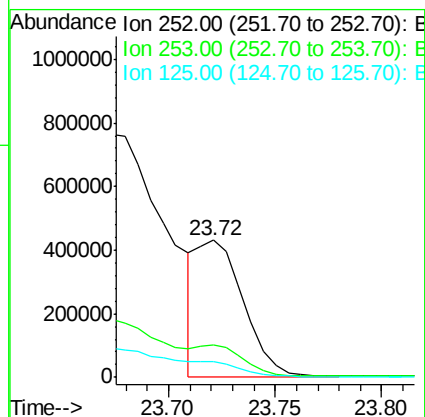
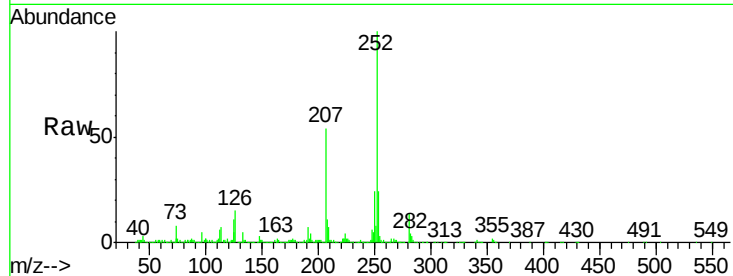
ClientSampled :

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Tot Ion:	252	Resp:	653195
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.1	25.7
125	11.4	3.4	5.2#

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#88

Benzo(a)pyrene

Concen: 14.911 ng/ul

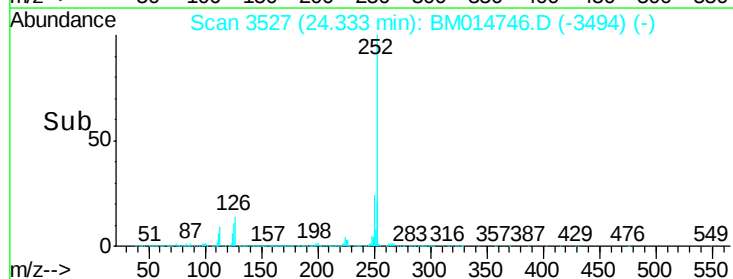
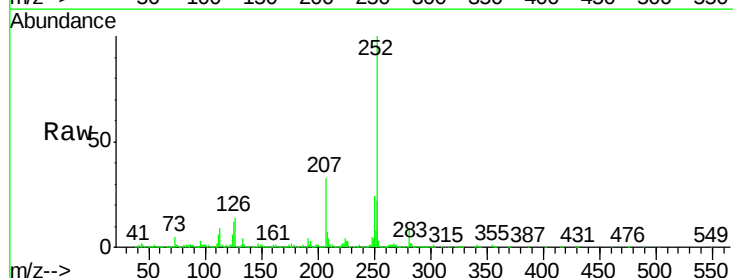
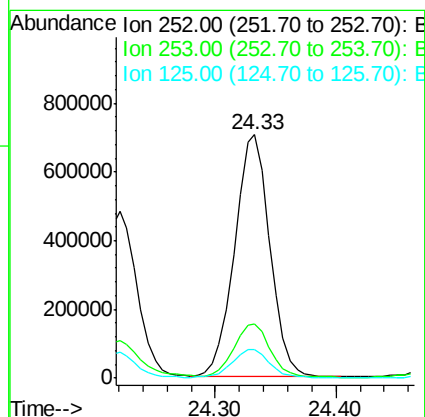
RT: 24.33 min Scan# 3527

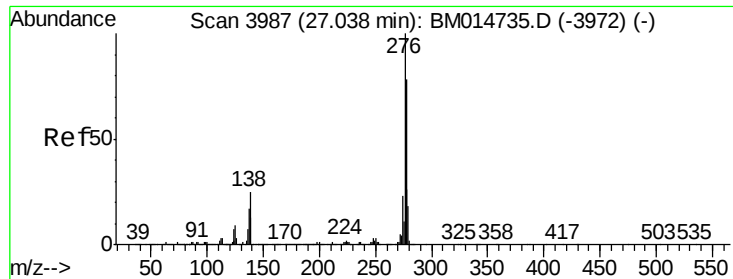
Delta R.T. -0.01 min

Lab File: BM014746.D

Acq: 19 Apr 2018 22:41

Tgt Ion:	252	Resp:	1428875
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	11.6	4.0	6.0#





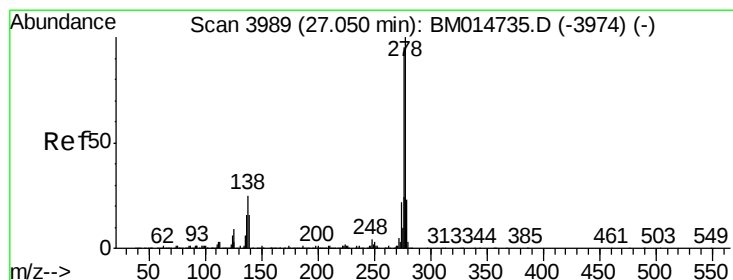
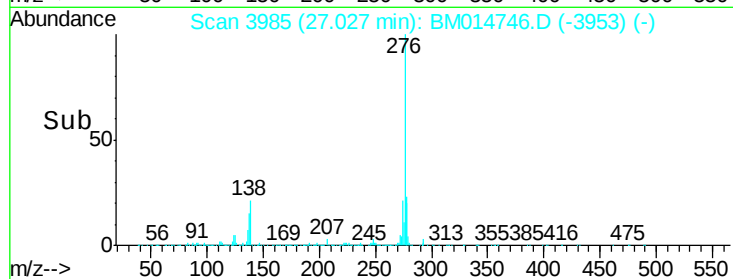
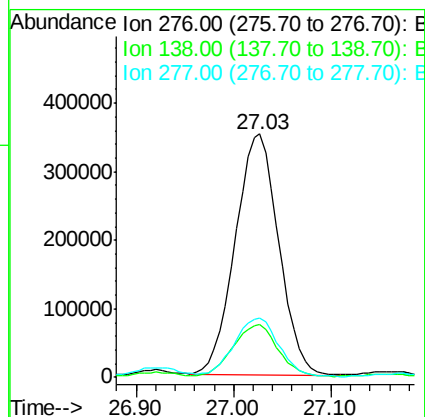
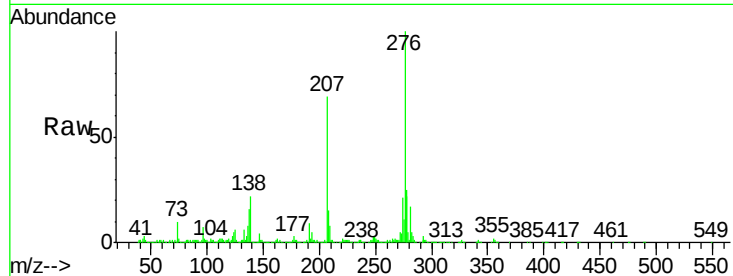
#89
Indeno(1,2,3-cd)pyrene
Concen: 9.481 ng/ul
RT: 27.03 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

Instrument :
BNA_M
ClientSampleId :
C0AD3

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	9.3	13.9#
277	24.6	19.9	29.9

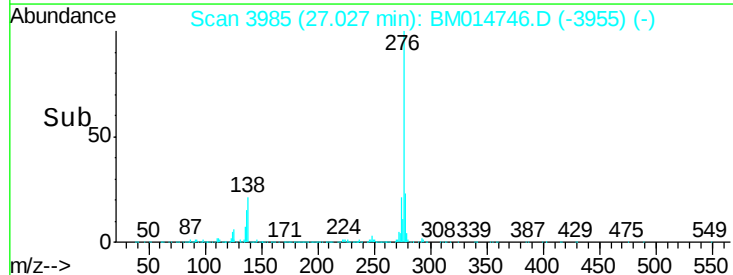
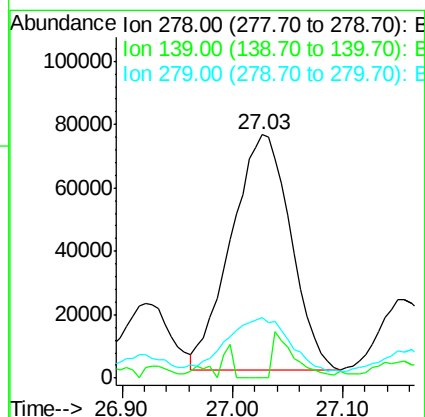
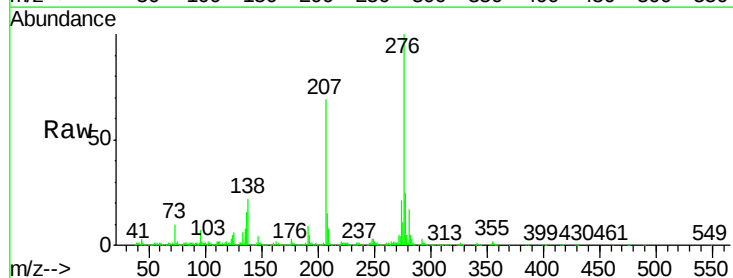
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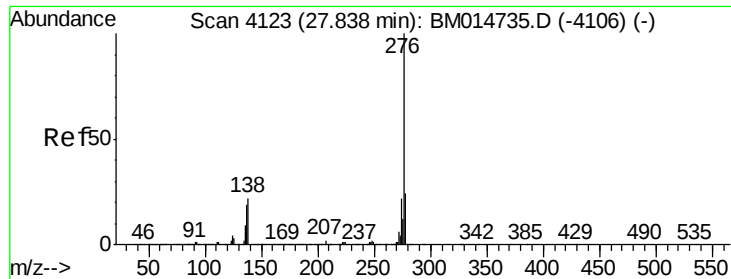
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#90
Dibenzo(a,h)anthracene
Concen: 2.859 ng/ul
RT: 27.03 min Scan# 3985
Delta R.T. -0.02 min
Lab File: BM014746.D
Acq: 19 Apr 2018 22:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.0	18.6	27.8





#91
 Benzo(a,h,i)perylene
 Concen: 12.230 ng/ul
 RT: 27.83 min Scan# 4121
 Delta R.T. -0.01 min
 Lab File: BM014746.D
 Acq: 19 Apr 2018 22:41

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	8.5	12.7#
277	23.0	18.6	28.0

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