

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014346.D
 Acq On : 24 Feb 2018 00:19
 Operator : SJ/JU
 Sample : J1631-10 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z1

Manual Integrations
 APPROVED

Sohil
 2/26/2018 4:50:26 PM

Quant Time: Feb 24 01:51:32 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	144583	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	660713	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	392387	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	835492	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	673993	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	564025	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2146m	0.64	ng/uL	0.00
5) Phenol-d5	6.73	99	32708m	2.68	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	18384	2.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	27188	2.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	22464	2.10	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	13694	2.80	ng/ul	0.02
22) 2-Nitrophenol-d4	9.41	143	14967	2.96	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.97	165	25296m	2.42	ng/ul	0.04
29) 4-Chloroaniline-d4	10.50	131	17341m	1.68	ng/ul	0.05
43) Dimethylphthalate-d6	13.60	166	110023	3.40	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	137506	3.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	138	0.03	ng/ul	0.08
57) Fluorene-d10	15.19	176	95751	3.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	7133m	1.42	ng/ul	0.02
70) Anthracene-d10	17.04	188	142709	3.54	ng/ul	0.00
76) Pyrene-d10	19.34	212	151633	4.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	104517	3.81	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.66	163	63616	1.991	ng/ul#	95
69) Phenanthrene	16.98	178	397718	8.262	ng/ul	99
71) Anthracene	17.08	178	70152	1.449	ng/ul	99
74) Fluoranthene	19.01	202	623748	10.846	ng/ul#	95
77) Pyrene	19.37	202	544864	12.164	ng/ul#	94
80) Benzo(a)anthracene	21.13	228	264611	6.291	ng/ul	97
82) Chrysene	21.19	228	236812	6.035	ng/ul	97
85) Benzo(b)fluoranthene	22.67	252	281785	7.461	ng/ul#	99
86) Benzo(k)fluoranthene	22.71	252	95260m	2.653	ng/ul	
88) Benzo(a)pyrene	23.23	252	191590	5.677	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.48	276	132041	4.032	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.47	278	35837	1.317	ng/ul#	69
91) Benzo(g,h,i)perylene	26.13	276	104399	3.935	ng/ul#	96

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

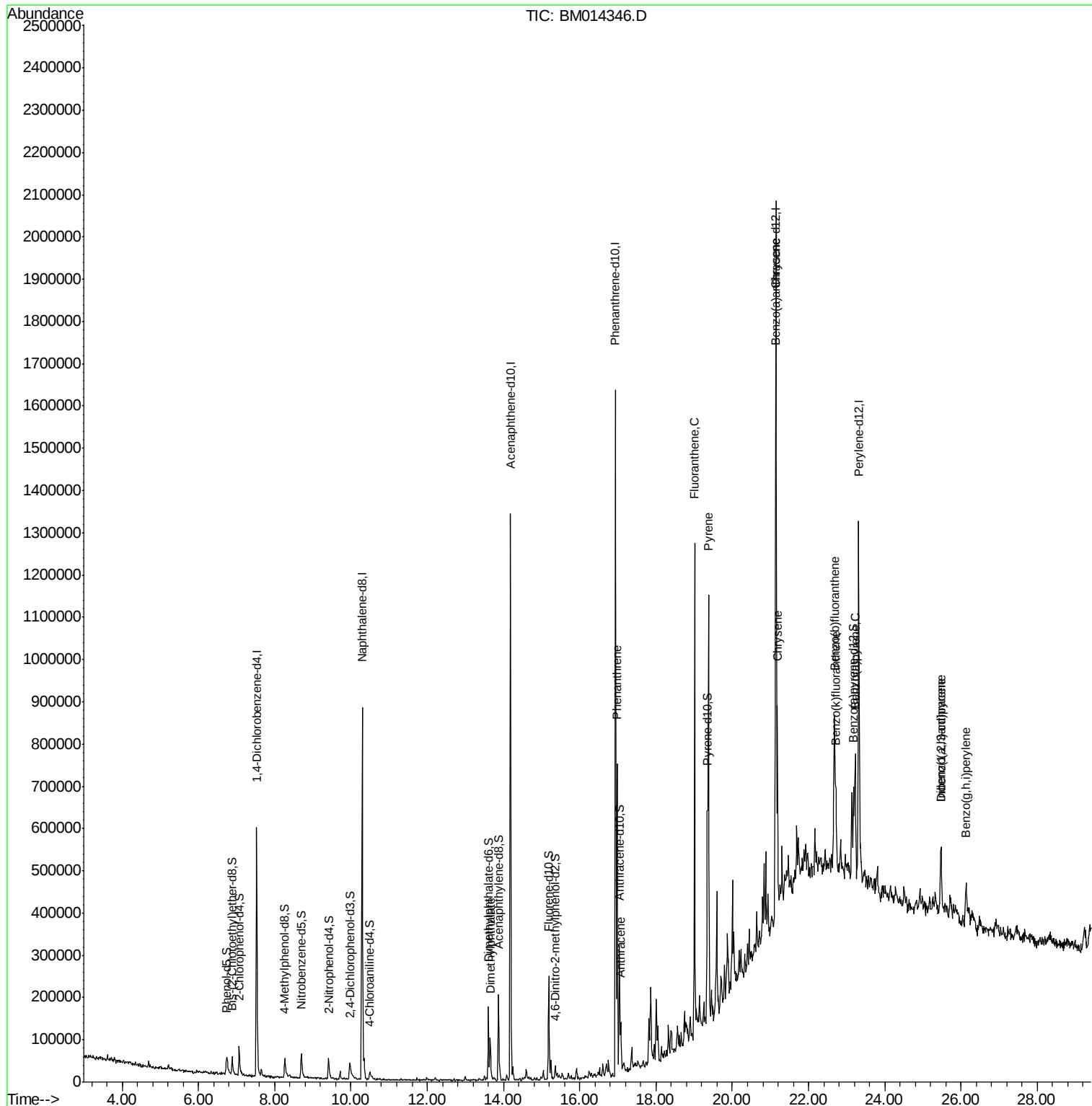
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014346.D
Acq On : 24 Feb 2018 00:19
Operator : SJ/JU
Sample : J1631-10 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

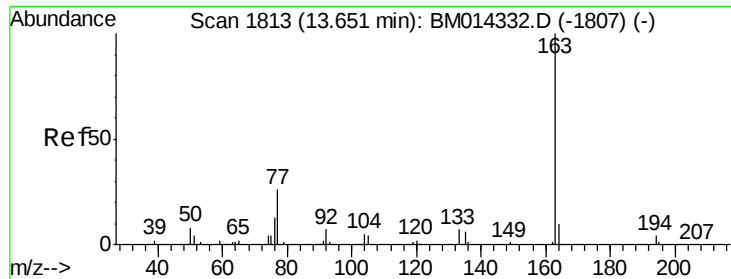
Instrument :
BNA_M
ClientSampled :
BE5Z1

Manual Integrations
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Quant Time: Feb 24 01:51:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration





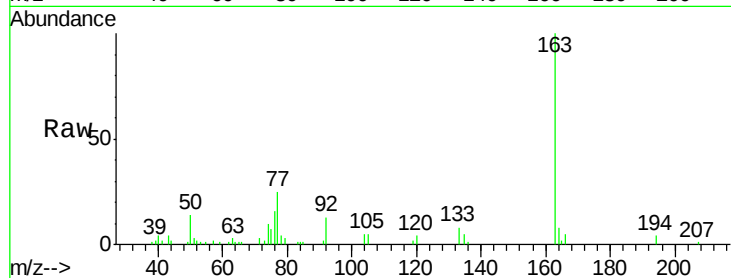
#44
Dimethylphthalate
Concen: 1.991 ng/ul
RT: 13.66 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Instrument :
BNA_M
ClientSampled :
BE5Z1

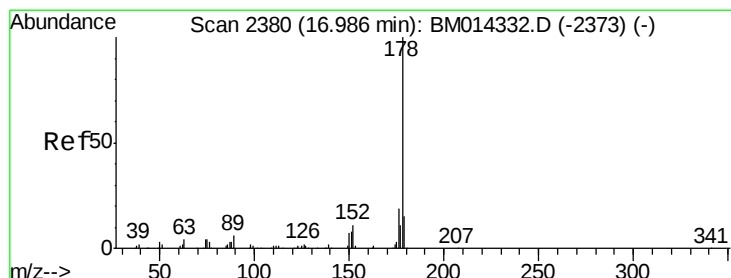
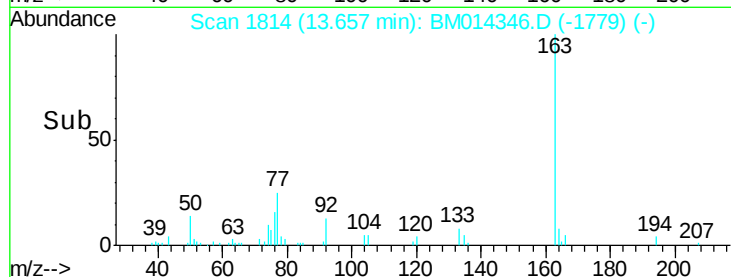
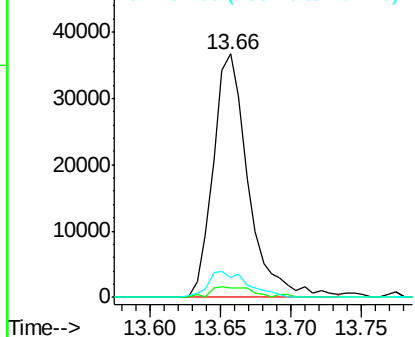
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	8.2	8.2	12.4#

Manual Integrations
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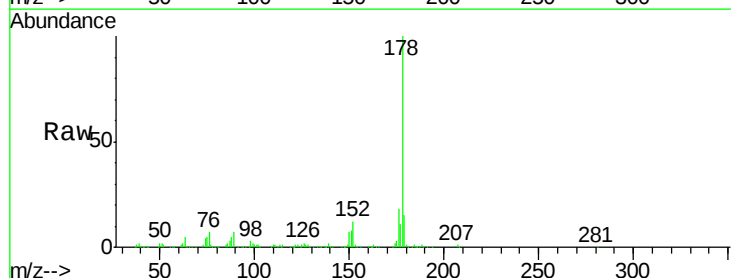


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

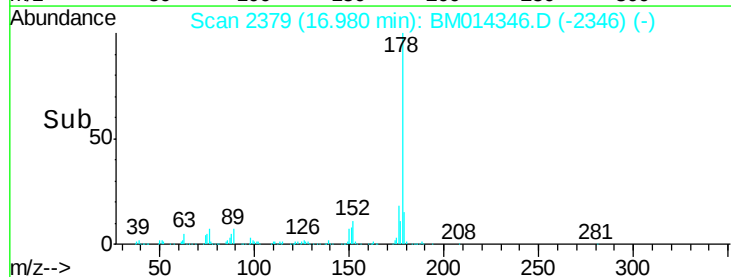
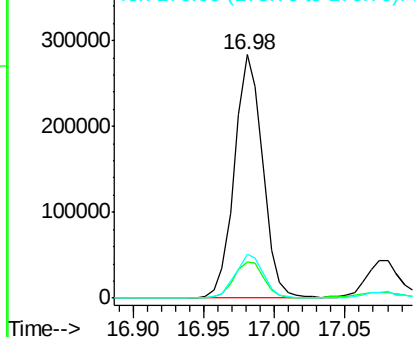


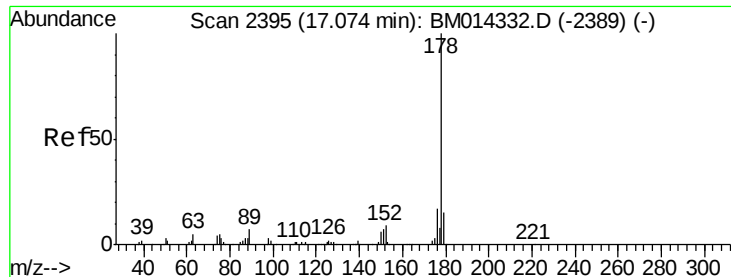
#69
Phenanthrene
Concen: 8.262 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.1	14.9	22.3



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





#71

Anthracene

Concen: 1.449 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BM014346.D

Acq: 24 Feb 2018 00:19

Instrument :

BNA_M

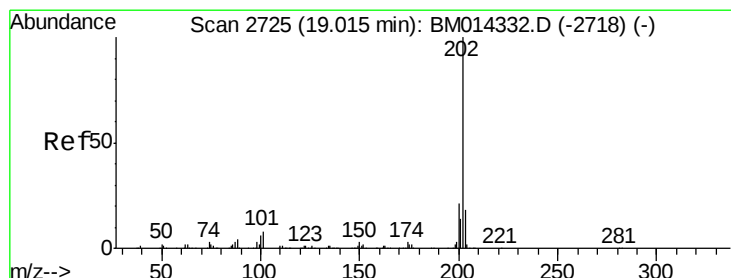
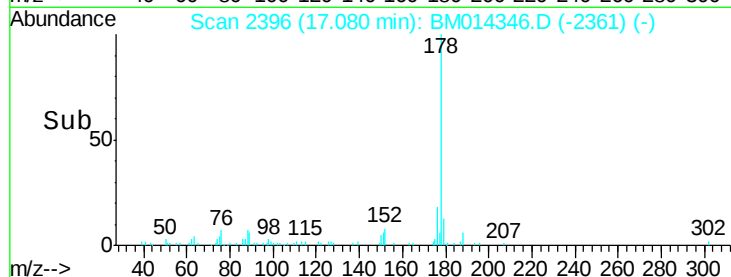
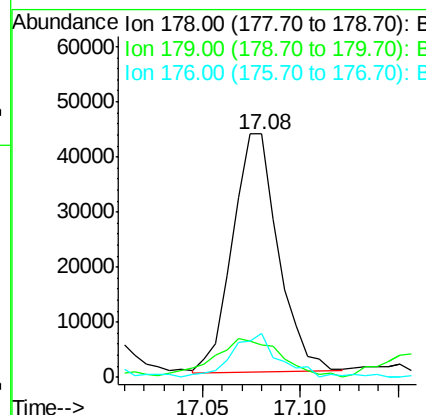
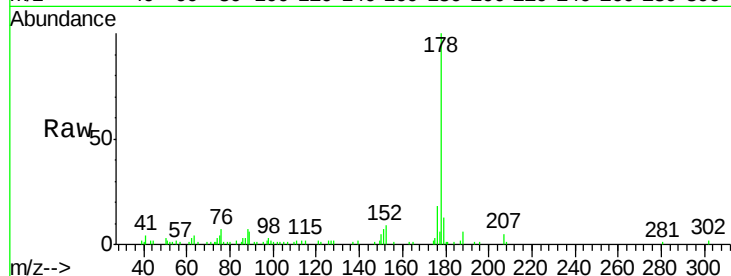
ClientSampled :

BE5Z1

Tot Ion:	178	Resp:	70152
Ion Ratio	Lower	Upper	
178	100		
179	13.3	11.7	17.5
176	18.2	14.6	21.8

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#74

Fluoranthene

Concen: 10.846 ng/ul

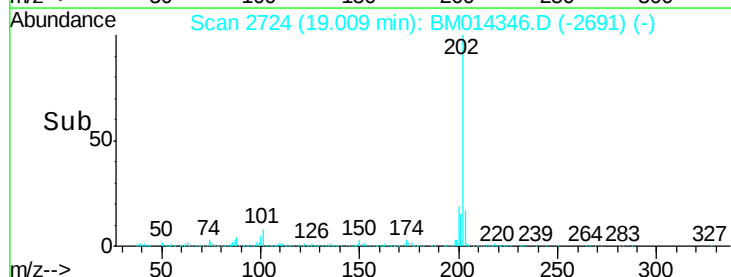
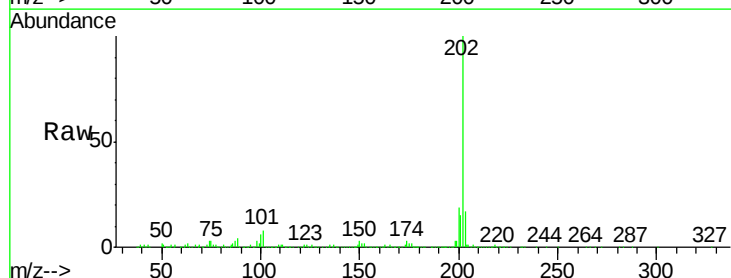
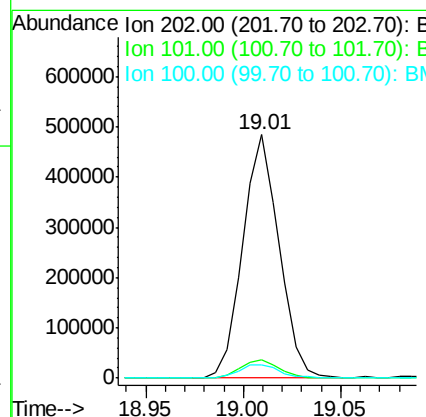
RT: 19.01 min Scan# 2724

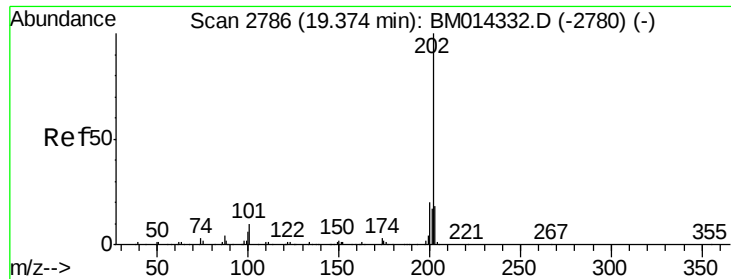
Delta R.T. -0.01 min

Lab File: BM014346.D

Acq: 24 Feb 2018 00:19

Tgt Ion:	202	Resp:	623748
Ion Ratio	Lower	Upper	
202	100		
101	7.8	4.6	7.0#
100	5.6	3.4	5.2#





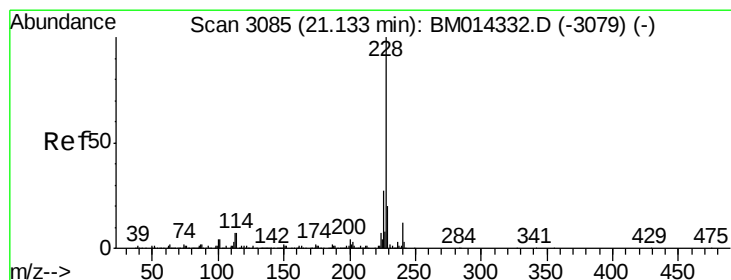
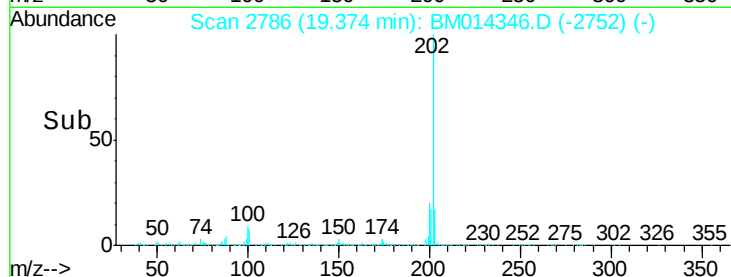
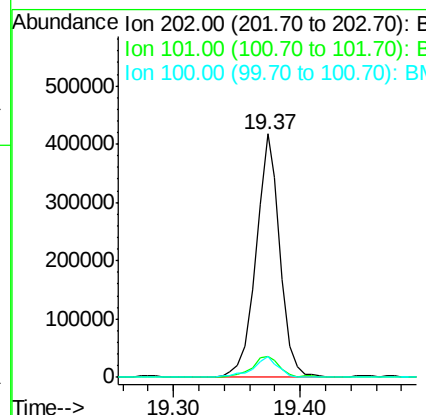
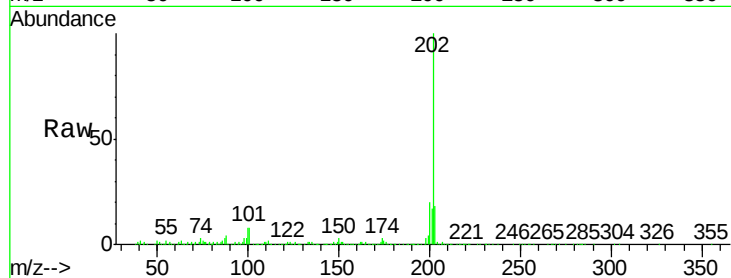
#77
Pvrene
Concen: 12.164 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Instrument :
BNA_M
ClientSampled :
BE5Z1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	8.4	4.9	7.3#

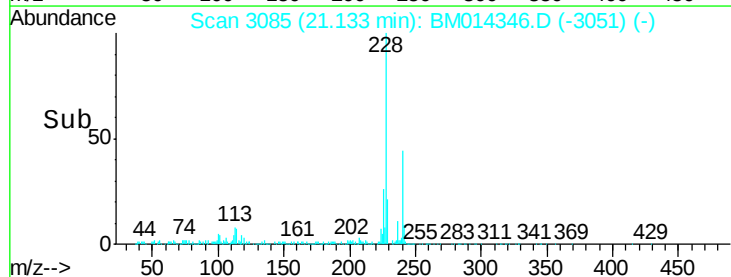
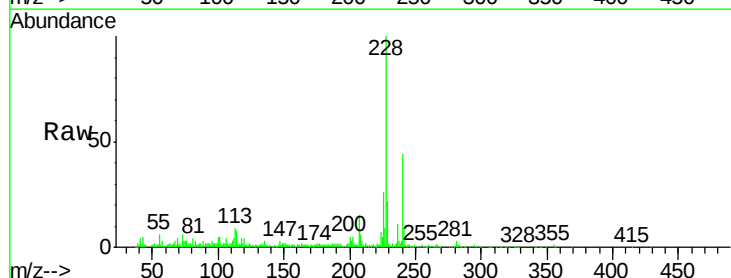
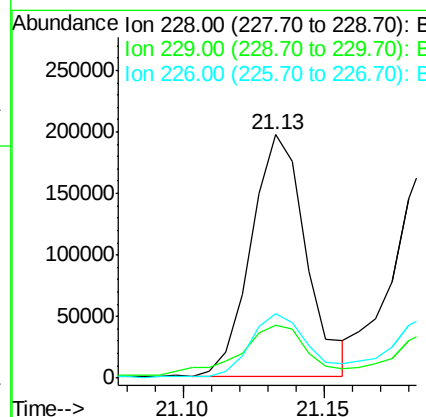
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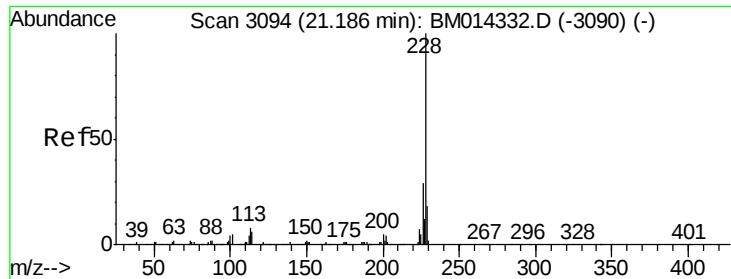
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#80
Benzo(a)anthracene
Concen: 6.291 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.00 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.5	15.4	23.0
226	26.2	21.4	32.0





#82

Chrysene

Concen: 6.035 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM014346.D

Acq: 24 Feb 2018 00:19

Instrument :

BNA_M

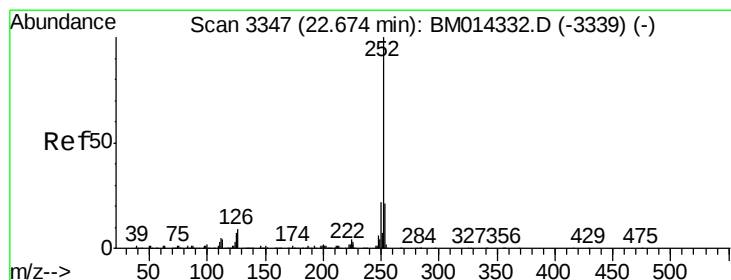
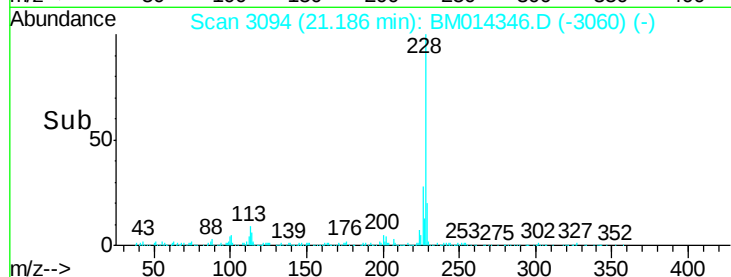
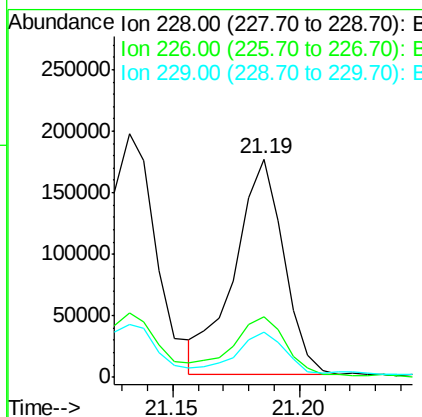
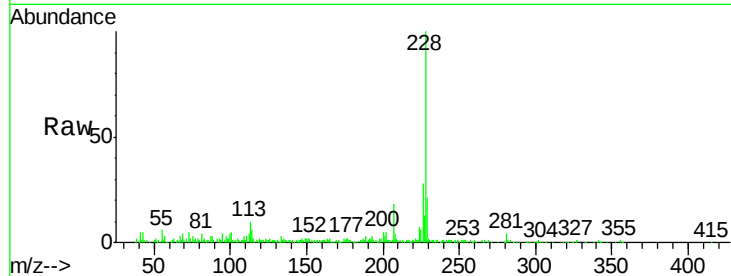
ClientSampled :

BE5Z1

Tot Ion:	228	Resp:	236812
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.4	35.2
229	20.9	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 7.461 ng/ul

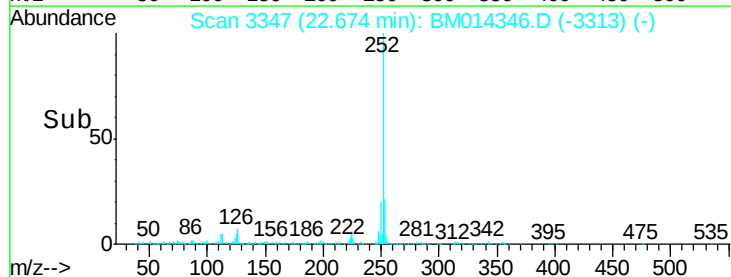
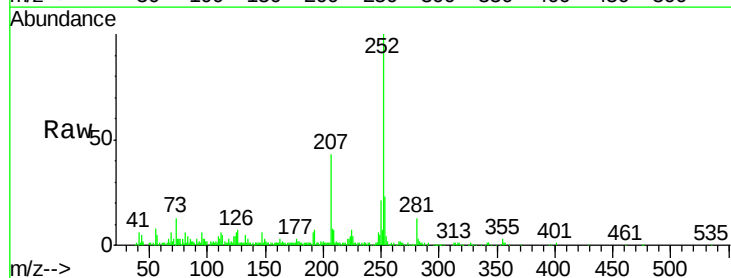
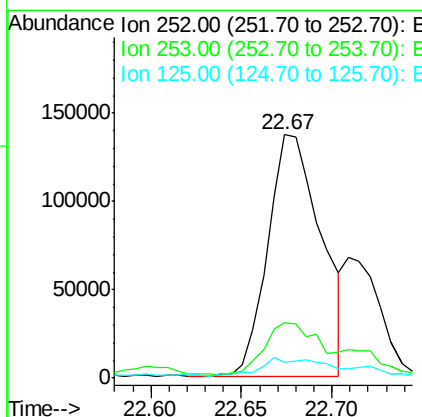
RT: 22.67 min Scan# 3347

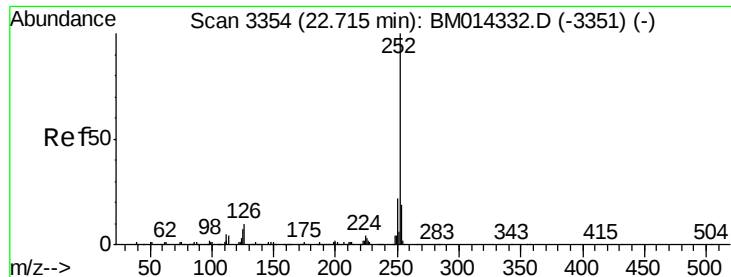
Delta R.T. -0.00 min

Lab File: BM014346.D

Acq: 24 Feb 2018 00:19

Tgt Ion:	252	Resp:	281785
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.9	26.9
125	6.3	3.6	5.4#





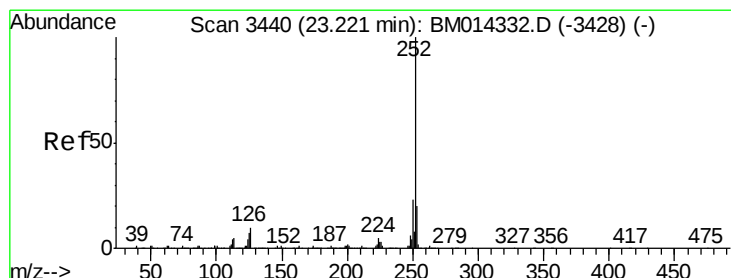
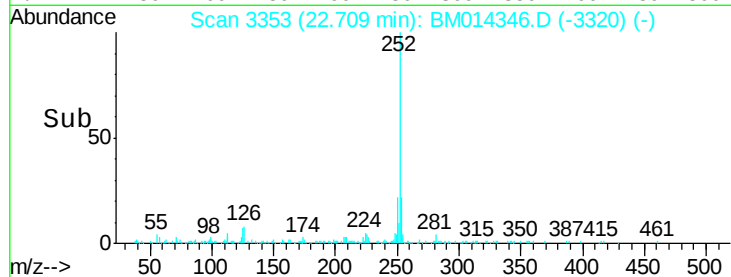
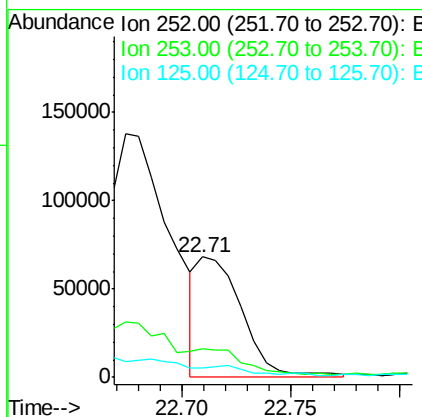
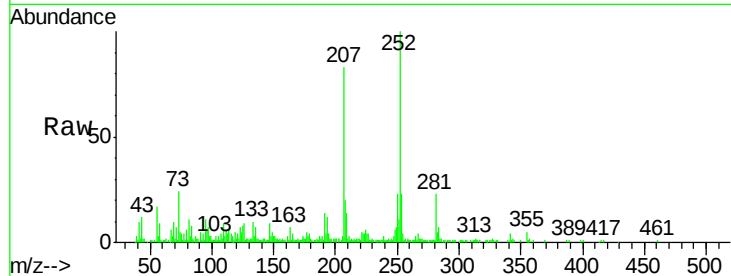
#86
Benzo(k)fluoranthene
Concen: 2.653 ng/ul m
RT: 22.71 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Instrument :
BNA_M
ClientSampled :
BE5Z1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	7.8	3.4	5.2

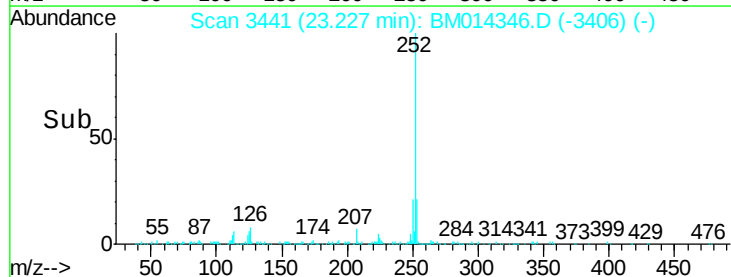
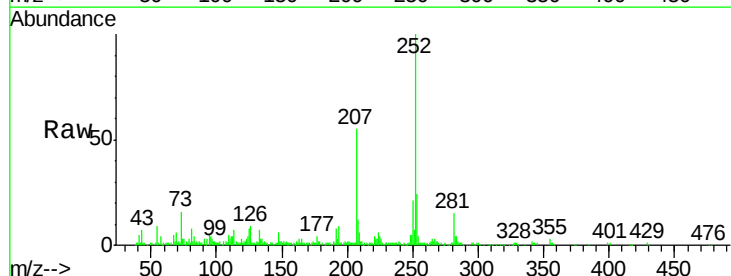
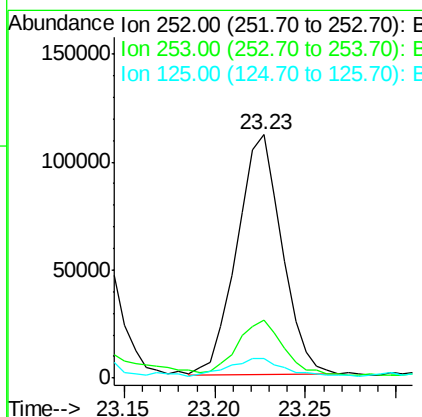
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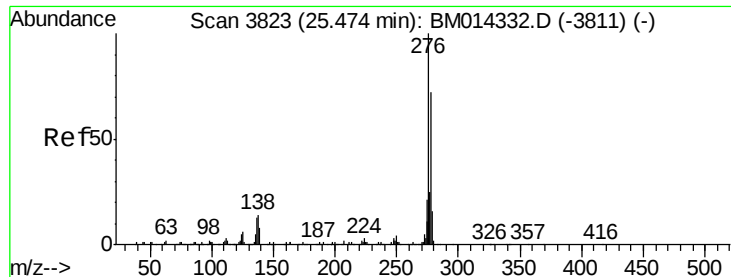
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#88
Benzo(a)pyrene
Concen: 5.677 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	8.0	4.0	6.0





#89

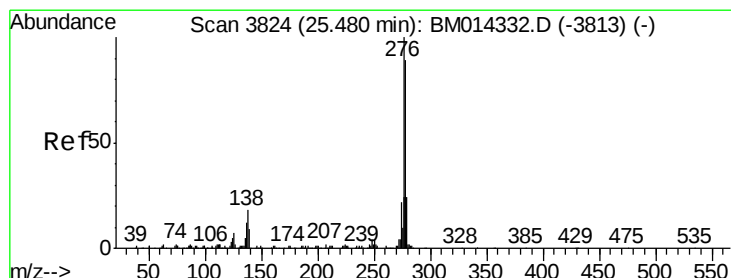
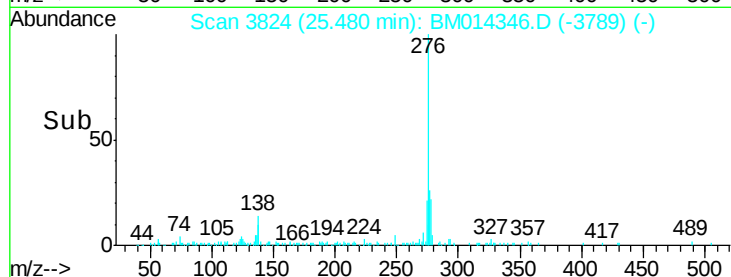
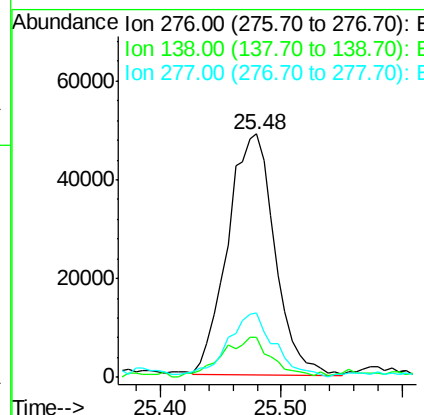
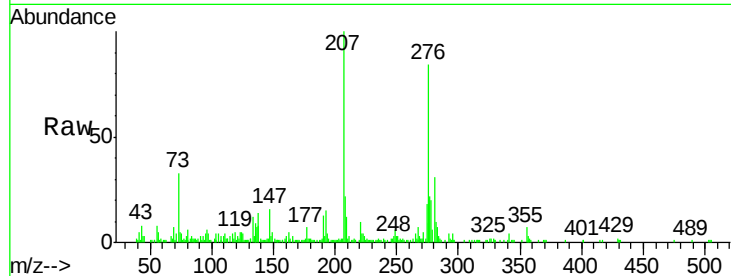
Indeno(1,2,3-cd)pyrene
Concen: 4.032 ng/ul
RT: 25.48 min Scan# 3824
Delta R.T. 0.01 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Instrument :
BNA_M
ClientSampleId :
BE5Z1

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	9.3	13.9#
277	26.3	19.9	29.9

Manual Integrations
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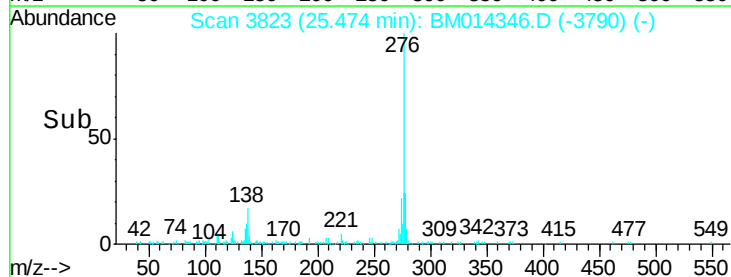
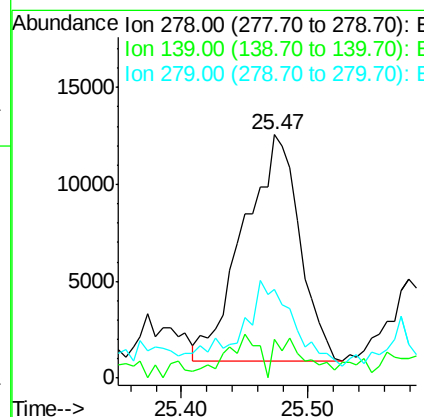
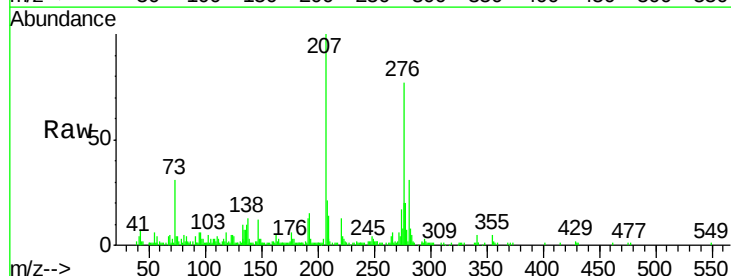
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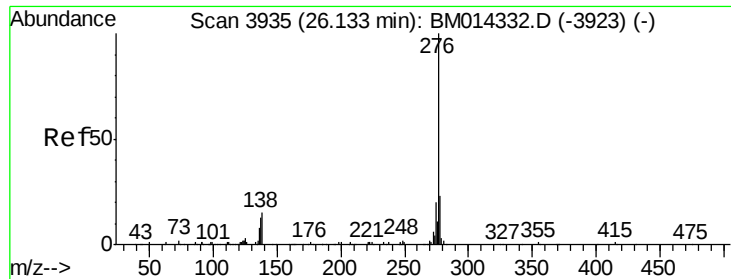


#90

Dibenzo(a,h)anthracene
Concen: 1.317 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014346.D
Acq: 24 Feb 2018 00:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	5.8	8.8#
279	36.4	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 3.935 ng/ul

RT: 26.13 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BM014346.D

Acq: 24 Feb 2018 00:19

Instrument :

BNA_M

ClientSampleId :

BE5Z1

Tot Ion:	276	Resp:	104399
Ion Ratio	Lower	Upper	
276	100		
138	15.4	8.5	12.7#
277	23.3	18.6	28.0

Manual Integrations
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