

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017338.D
 Acq On : 25 Oct 2018 03:45
 Operator : MJ/SJ
 Sample : J5598-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Manual Integrations
 APPROVED

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 10/25/2018 3:34:32 PM

Quant Time: Oct 25 08:40:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 25 02:39:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	316546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1427141	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	844432	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1951606	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2196797	20.00	ng/ul	0.01
86) Perylene-d12	23.47	264	2029961	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	18775	2.73	ng/uL	0.00
5) Phenol-d5	6.83	99	463195	16.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	283601	16.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	393625	17.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	323285	14.14	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	200976	18.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	232035	18.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	399122	17.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	352505	18.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1231246	17.00	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1568445	17.84	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	173350	12.81	ng/ul	0.00
58) Fluorene-d10	15.29	176	1083518	17.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	190429	14.00	ng/ul	0.00
71) Anthracene-d10	17.14	188	1712617	17.73	ng/ul	0.00
79) Pyrene-d10	19.45	212	1942952	19.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	1954462	18.23	ng/ul	0.02

Target Compounds

					Qvalue	
6) Phenol	6.86	94	156388	5.447	ng/ul	95
28) Naphthalene	10.47	128	287939	3.857	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	69164	1.261	ng/ul	100
45) Dimethylphthalate	13.76	163	299528	4.269	ng/ul	99
48) Acenaphthylene	14.02	152	1250213	15.150	ng/ul	99
54) Dibenzofuran	14.70	168	189106	2.259	ng/ul	97
70) Phenanthrene	17.09	178	687571	6.135	ng/ul	98
72) Anthracene	17.18	178	1479036	12.994	ng/ul	99
75) Carbazole	17.46	167	404710	4.066	ng/ul	99
77) Fluoranthene	19.12	202	13270683m	103.307	ng/ul	
80) Pyrene	19.49	202	15413872m	120.830	ng/ul	
83) Benzo(a)anthracene	21.24	228	10764585	80.074	ng/ul#	92
85) Chrysene	21.29	228	11947277	93.461	ng/ul	95
88) Benzo(b)fluoranthene	22.83	252	22684286	190.905	ng/ul#	95
89) Benzo(k)fluoranthene	22.86	252	7670531m	66.086	ng/ul	
91) Benzo(a)pyrene	23.38	252	8368964	72.094	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.69	276	6329832	44.815	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	1660412m	14.078	ng/ul	
94) Benzo(g,h,i)perylene	26.36	276	4498915	37.494	ng/ul	99

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

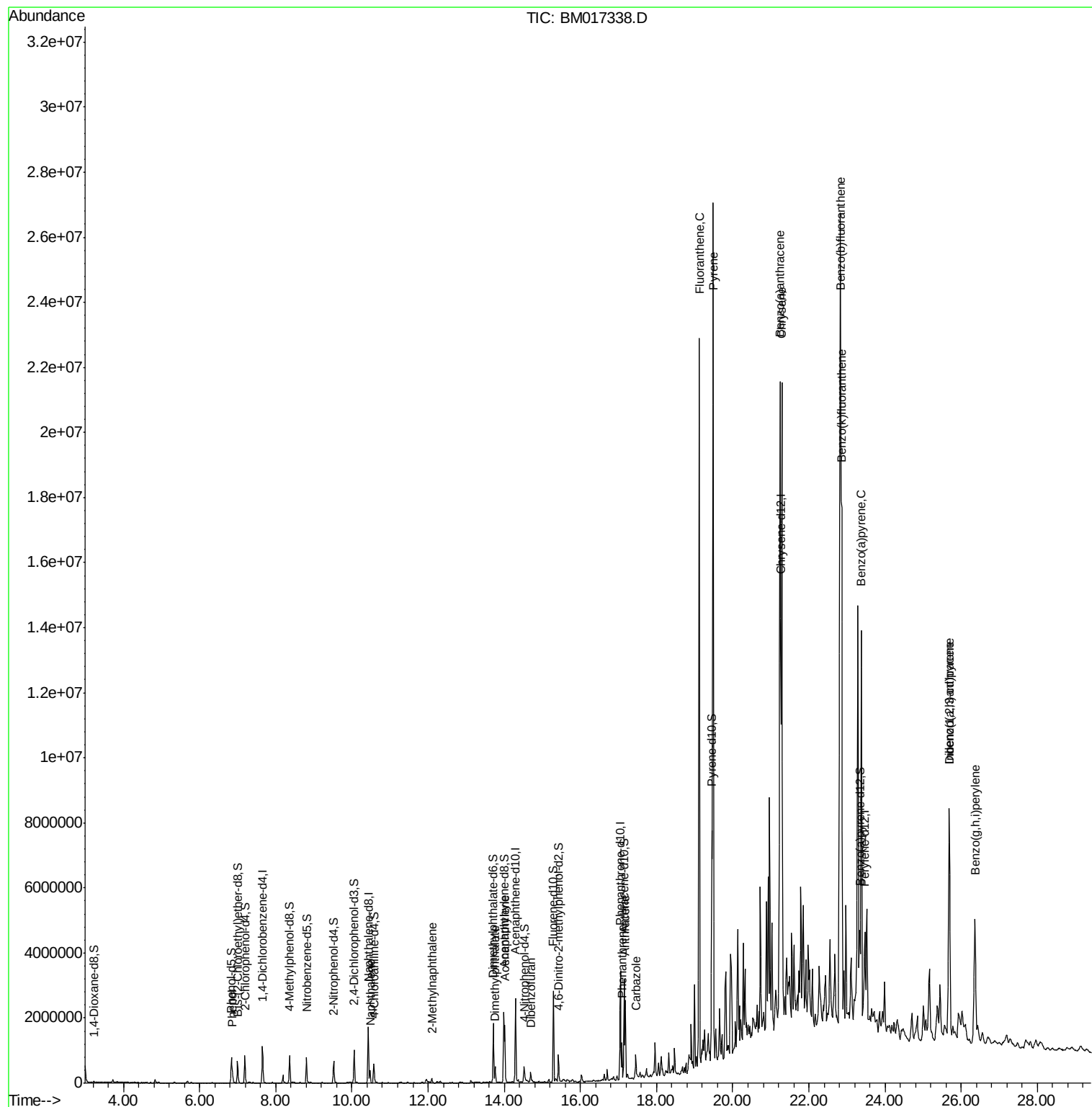
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017338.D
Acq On : 25 Oct 2018 03:45
Operator : MJ/SJ
Sample : J5598-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

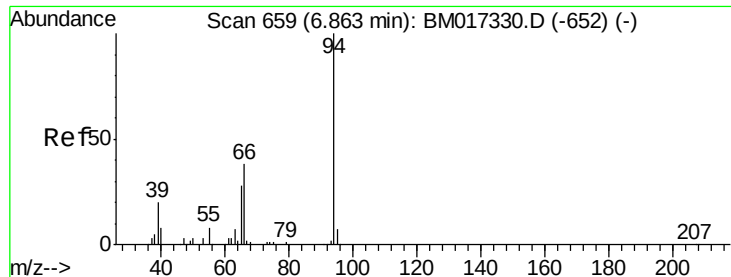
Instrument :
BNA_M
ClientSampleId :
C0AF1

Quant Time: Oct 25 08:40:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 02:39:26 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 5.447 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM017338.D

Acq: 25 Oct 2018 03:45

Instrument :

BNA_M

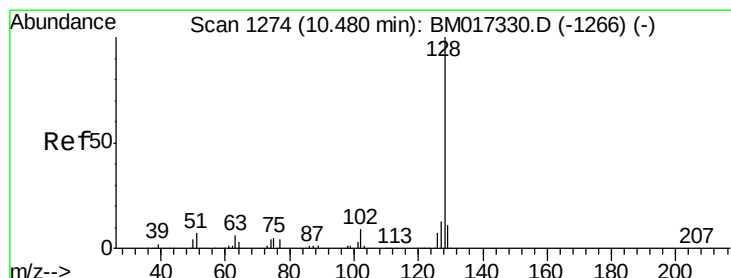
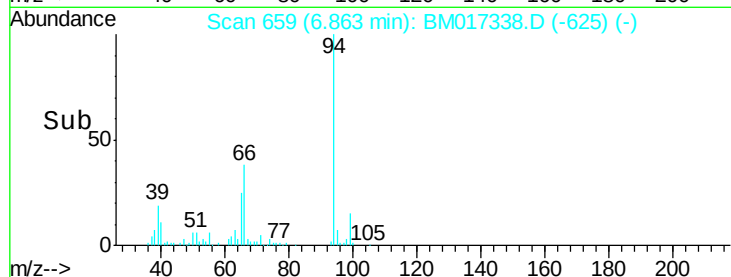
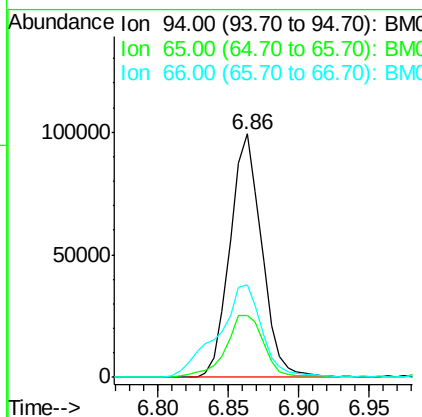
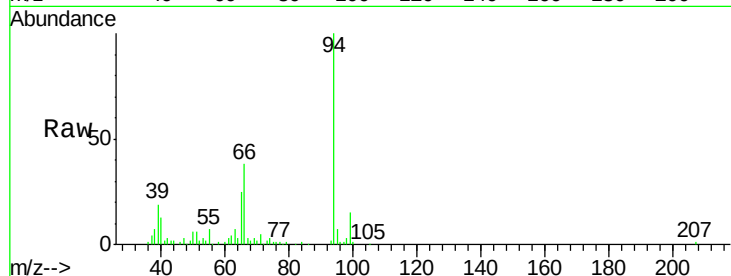
ClientSampled :

C0AF1

Tgt Ion:	94	Resp:	156388
Ion Ratio		Lower	Upper
94	100		
65	25.4	24.0	36.0
66	37.9	31.1	46.7

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#28

Naphthalene

Concen: 3.857 ng/ul

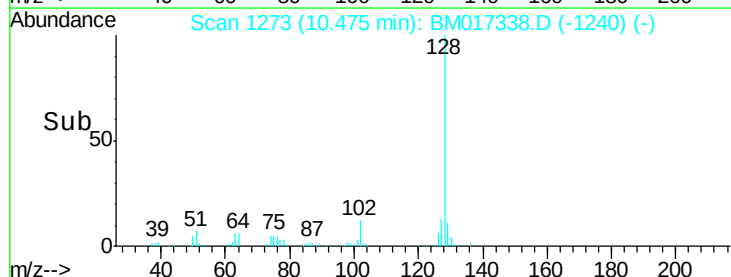
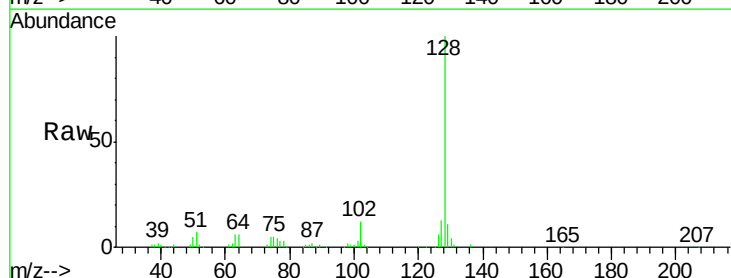
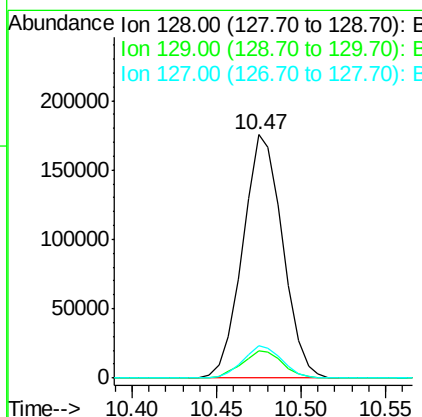
RT: 10.47 min Scan# 1273

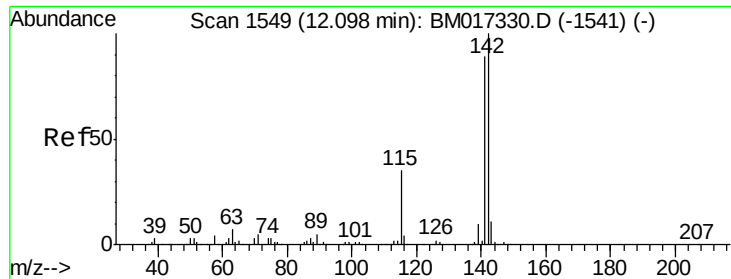
Delta R.T. -0.01 min

Lab File: BM017338.D

Acq: 25 Oct 2018 03:45

Tgt Ion:	128	Resp:	287939
Ion Ratio		Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.2	10.3	15.5





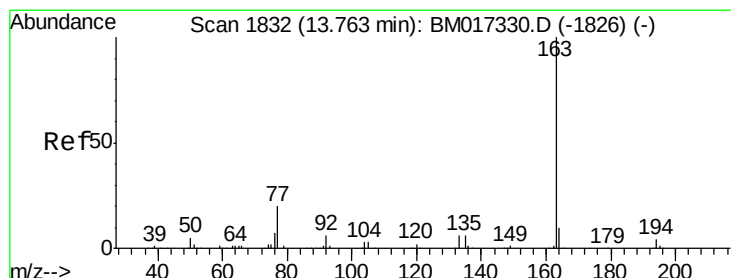
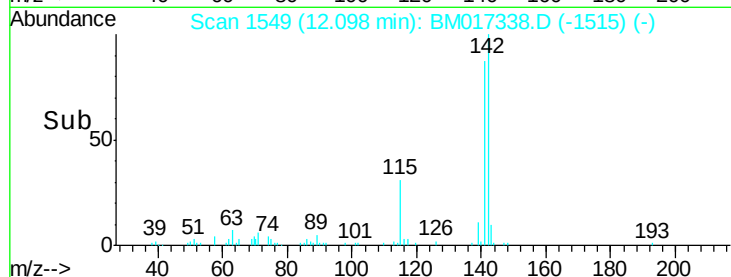
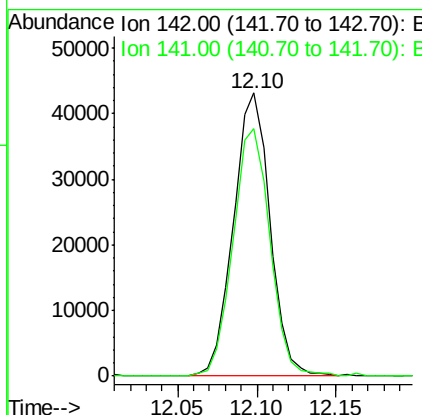
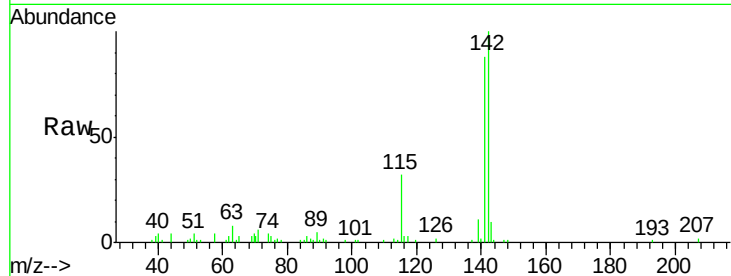
#34
2-Methylnaphthalene
Concen: 1.261 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM017338.D
Acq: 25 Oct 2018 03:45

Instrument :
BNA_M
ClientSampleId :
C0AF1

Tgt Ion:142 Resp: 69164
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6

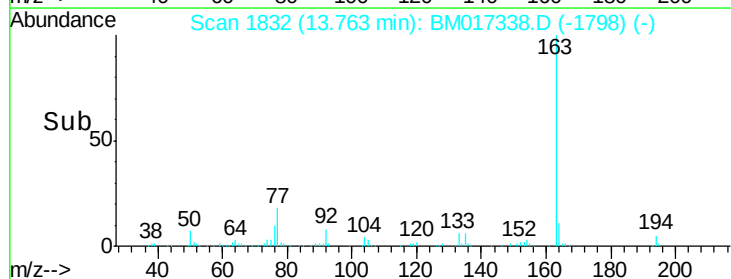
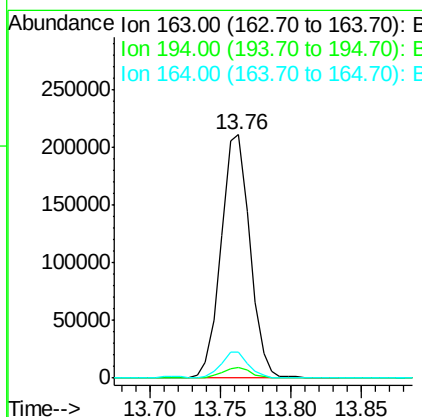
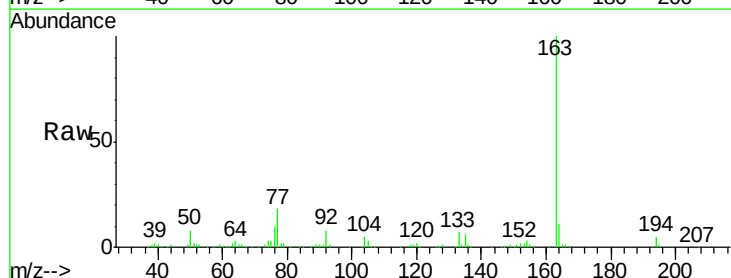
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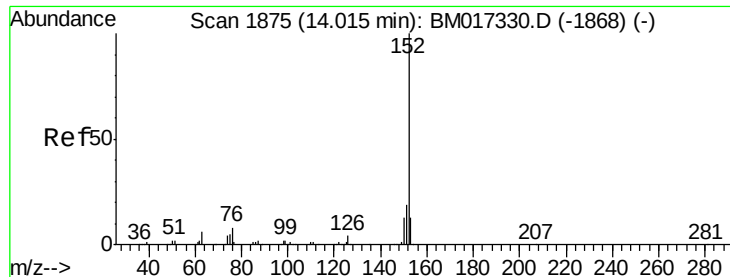
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#45
Dimethylphthalate
Concen: 4.269 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BM017338.D
Acq: 25 Oct 2018 03:45

Tgt Ion:163 Resp: 299528
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.5 8.1 12.1





#48

Acenaphthylene

Concen: 15.150 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM017338.D

Acq: 25 Oct 2018 03:45

Instrument :

BNA_M

ClientSampleId :

C0AF1

Tgt Ion:152 Resp: 1250213

Ion Ratio Lower Upper

152 100

151 19.7 15.3 22.9

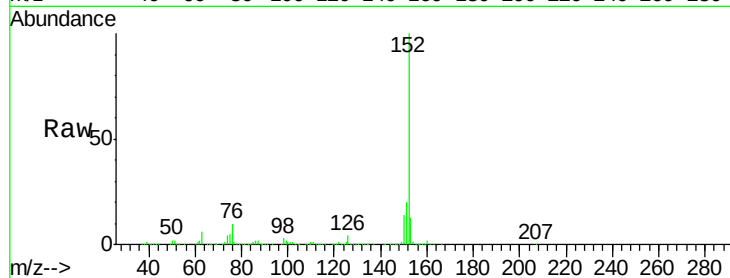
153 13.1 10.2 15.4

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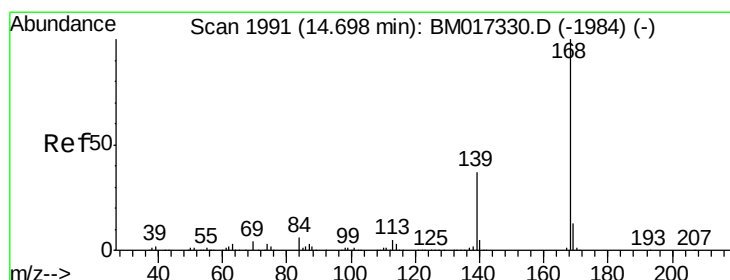
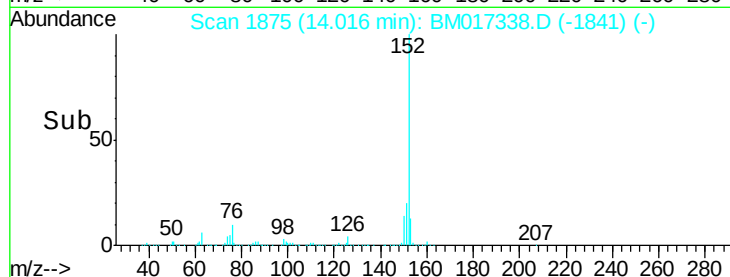
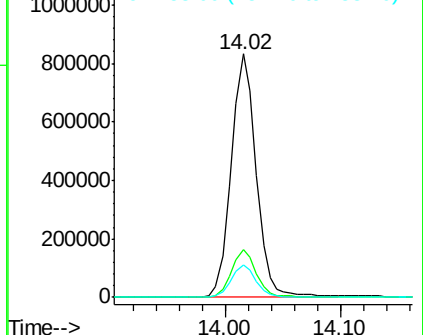
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#54

Dibenzofuran

Concen: 2.259 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BM017338.D

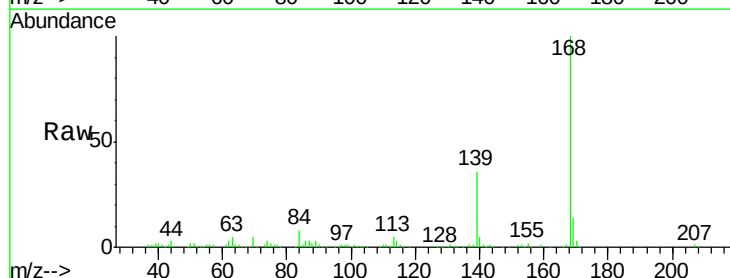
Acq: 25 Oct 2018 03:45

Tgt Ion:168 Resp: 189106

Ion Ratio Lower Upper

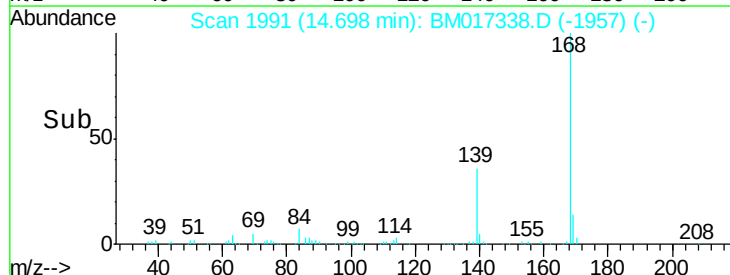
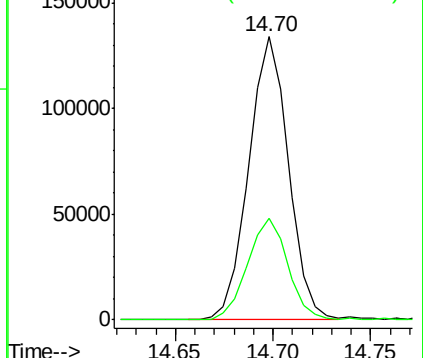
168 100

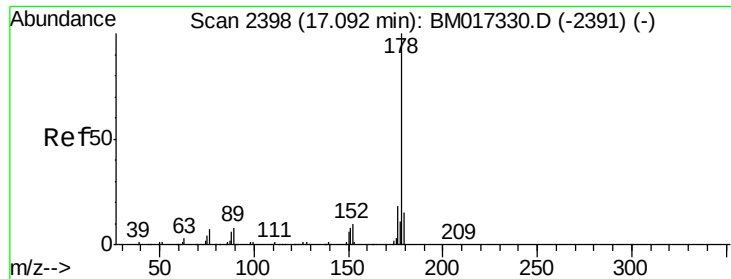
139 35.7 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#70

Phenanthrene

Concen: 6.135 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. 0.00 min

Lab File: BM017338.D

Acq: 25 Oct 2018 03:45

Instrument :

BNA_M

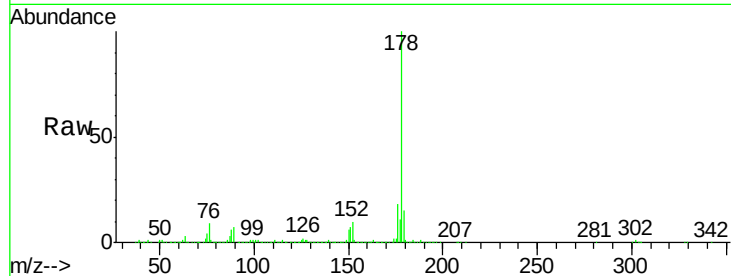
ClientSampled :

C0AF1

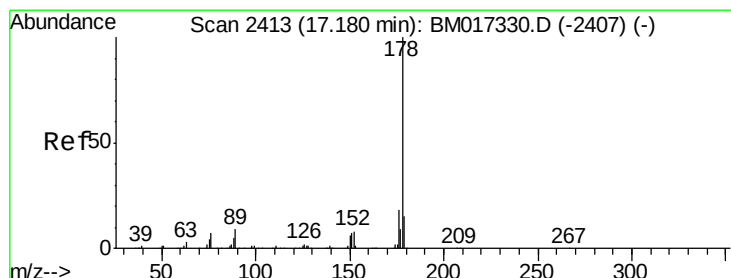
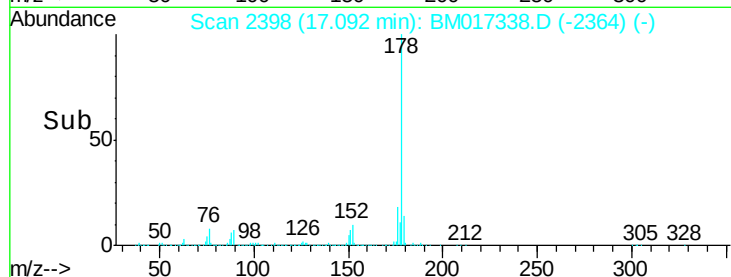
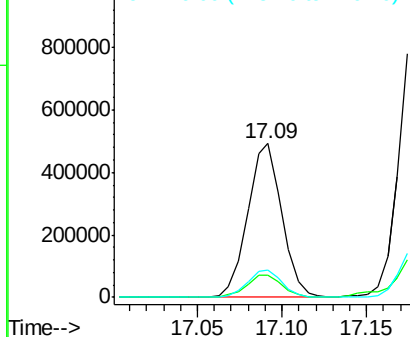
Tgt Ion:	178	Resp:	687571
Ion Ratio	Lower	Upper	
178	100		
179	14.5	12.2	18.2
176	17.7	14.9	22.3

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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



#72

Anthracene

Concen: 12.994 ng/ul

RT: 17.18 min Scan# 2413

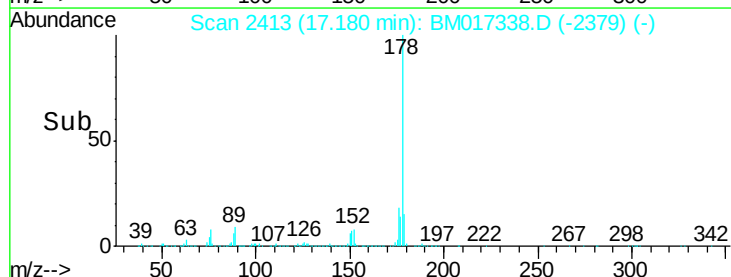
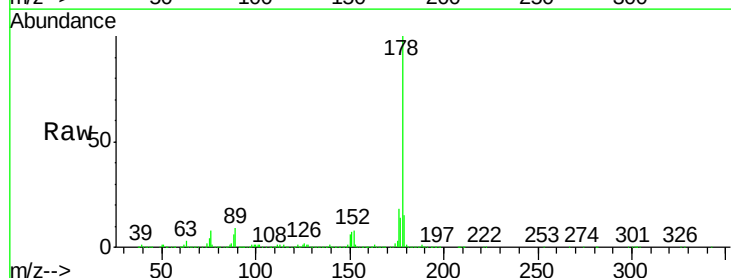
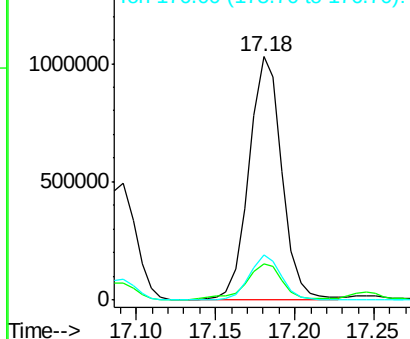
Delta R.T. 0.00 min

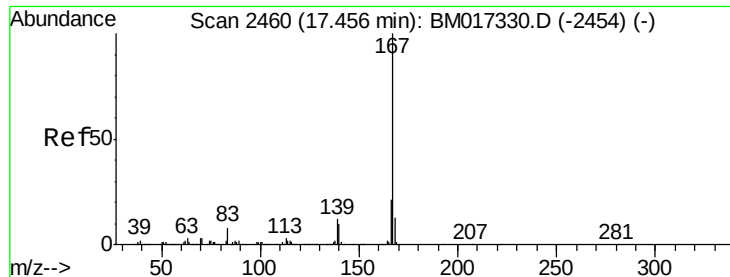
Lab File: BM017338.D

Acq: 25 Oct 2018 03:45

Tgt Ion:	178	Resp:	1479036
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.2	18.2
176	18.3	14.2	21.2

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





#75

Carbazole

Concen: 4.066 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BM017338.D

Acq: 25 Oct 2018 03:45

Instrument :

BNA_M

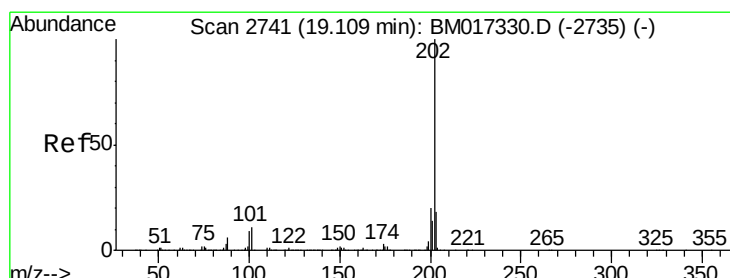
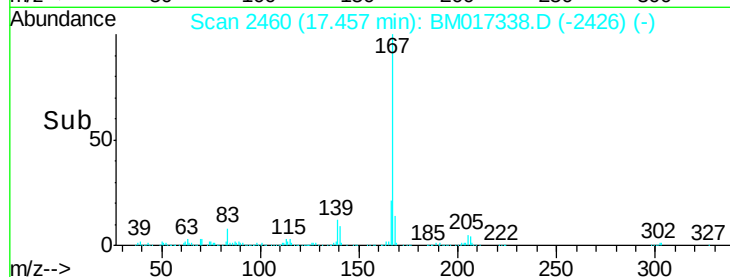
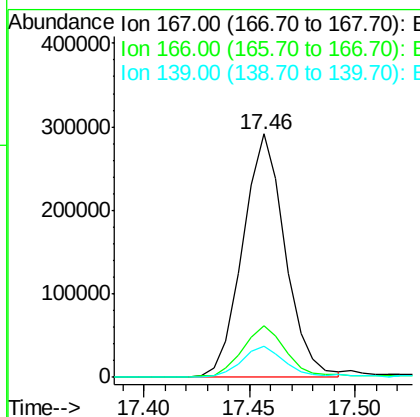
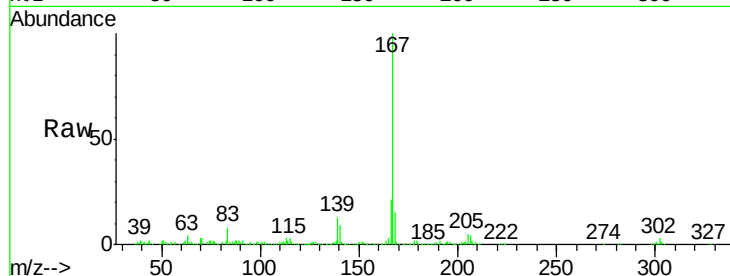
ClientSampleId :

C0AF1

Tgt Ion:	167	Resp:	404710
Ion Ratio		Lower	Upper
167	100		
166	21.3	17.5	26.3
139	12.7	10.0	15.0

Manual Integrations
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#77

Fluoranthene

Concen: 103.307 ng/ul m

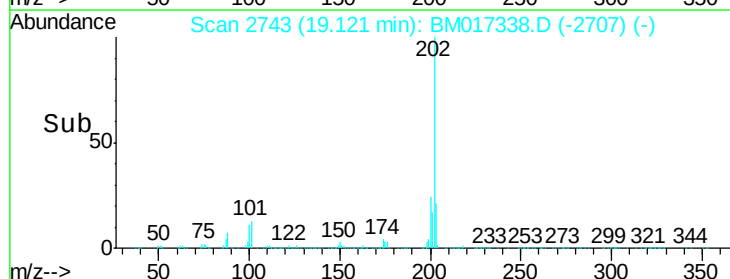
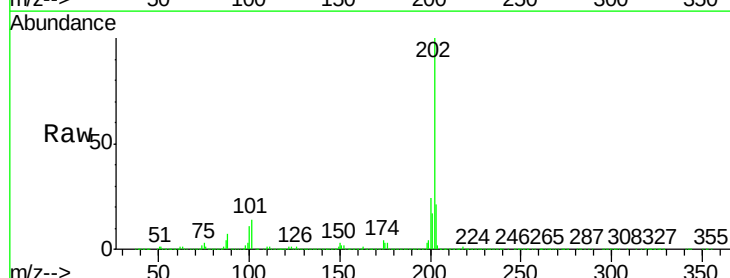
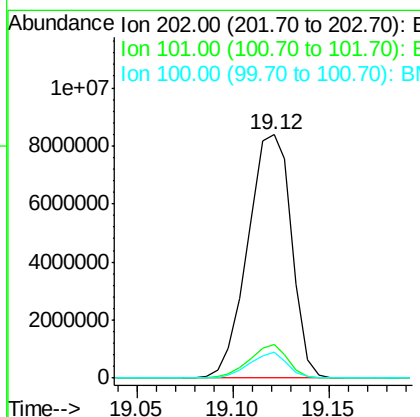
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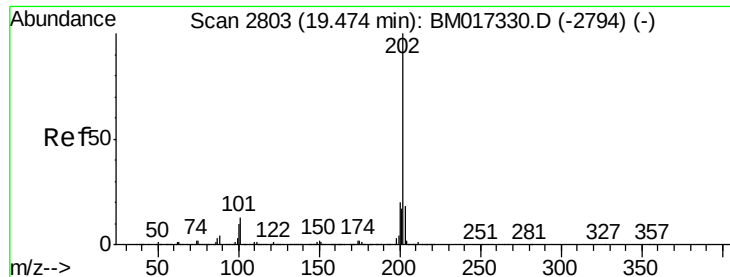
Delta R.T. 0.01 min

Lab File: BM017338.D

Acq: 25 Oct 2018 03:45

Tgt Ion:	202	Resp:	13270683
Ion Ratio		Lower	Upper
202	100		
101	13.6	8.2	12.4#
100	10.6	6.3	9.5#





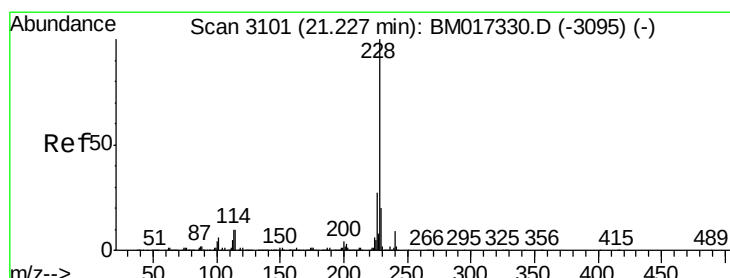
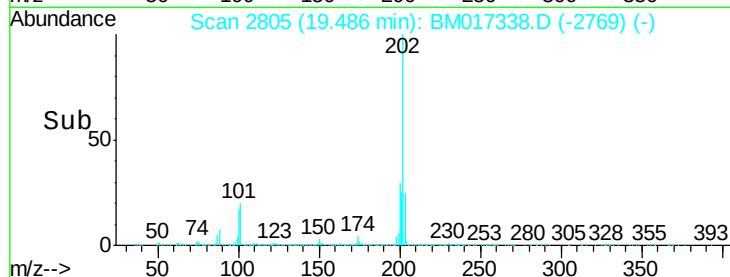
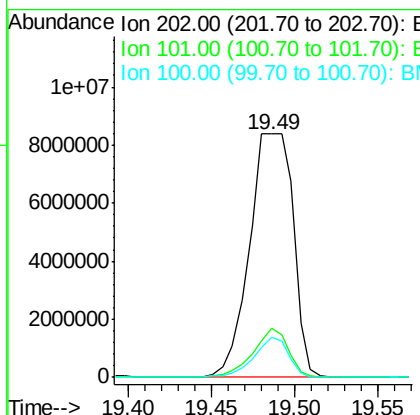
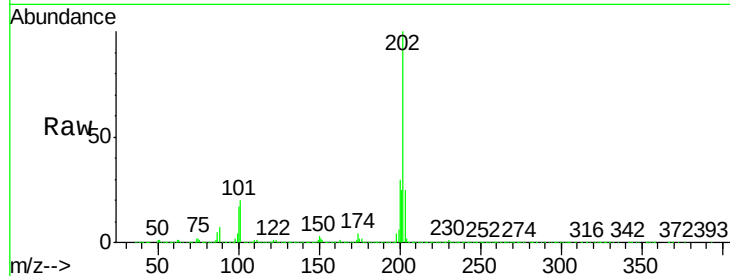
#80
 Pyrene
 Concen: 120.830 ng/ul m
 RT: 19.49 min Scan# 2805
 Delta R.T. 0.01 min
 Lab File: BM017338.D
 Acq: 25 Oct 2018 03:45

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

Tgt Ion:202 Resp:15413872
 Ion Ratio Lower Upper
 202 100
 101 19.9 9.5 14.3#
 100 16.6 8.1 12.1#

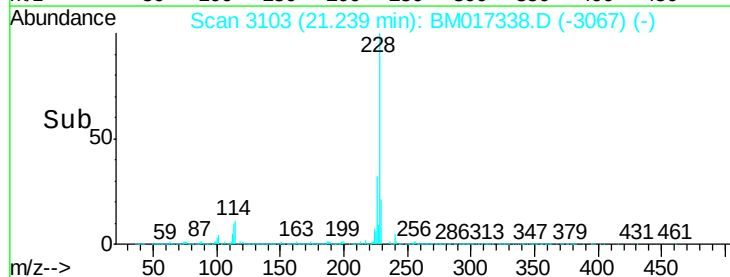
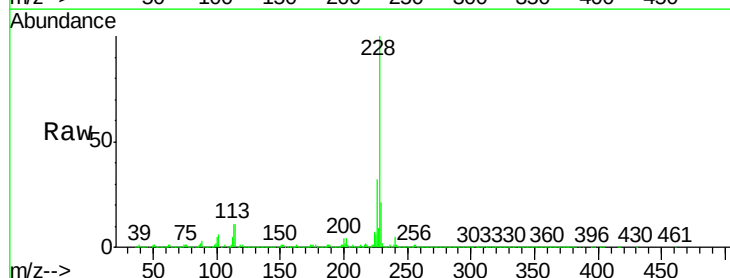
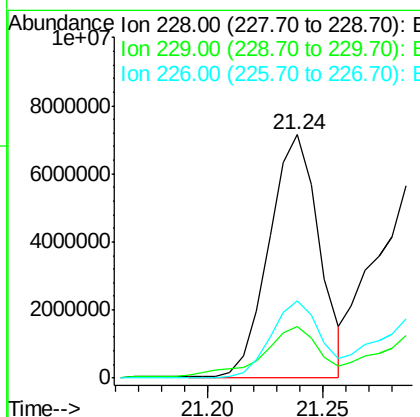
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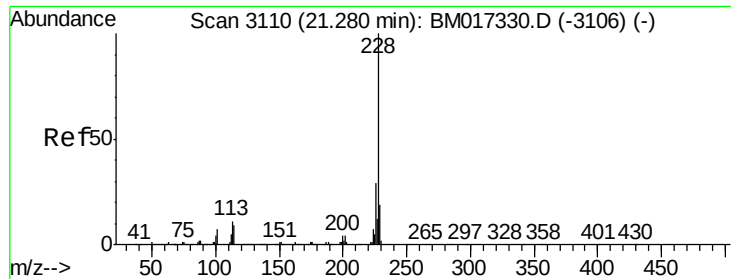
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#83
 Benzo(a)anthracene
 Concen: 80.074 ng/ul
 RT: 21.24 min Scan# 3103
 Delta R.T. 0.01 min
 Lab File: BM017338.D
 Acq: 25 Oct 2018 03:45

Tgt Ion:228 Resp:10764585
 Ion Ratio Lower Upper
 228 100
 229 21.0 15.6 23.4
 226 31.7 20.8 31.2#





#85
Chrysene
 Concen: 93.461 ng/ul
 RT: 21.29 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM017338.D
 Acq: 25 Oct 2018 03:45

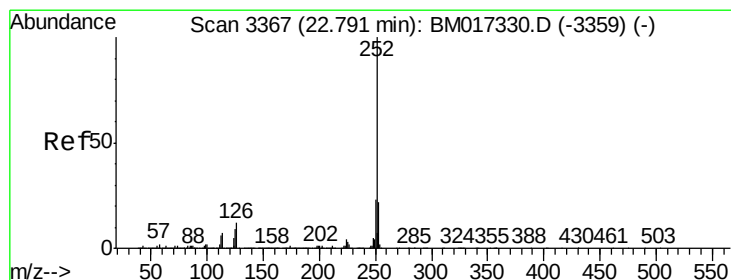
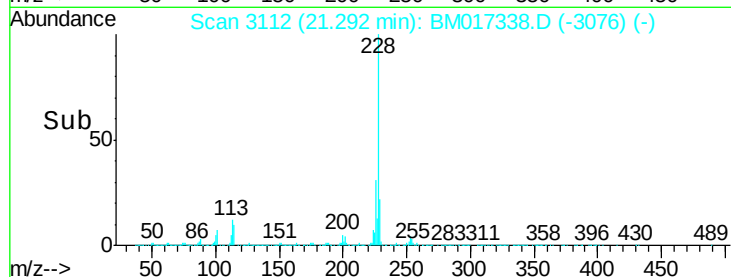
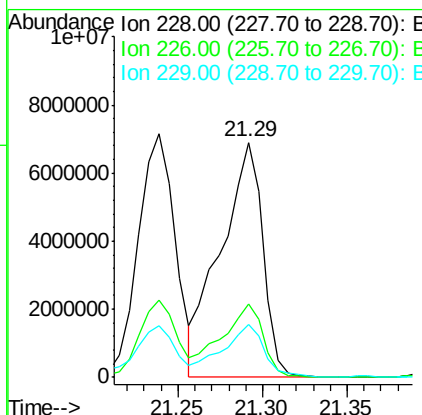
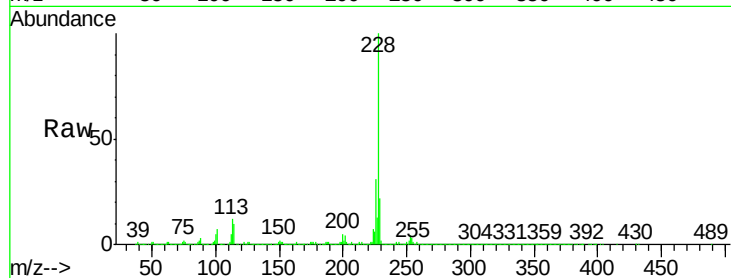
Instrument :
 BNA_M
 ClientSampled :
 C0AF1

Tgt Ion:228 Resp:11947277

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.3	34.9
229	22.4	15.6	23.4

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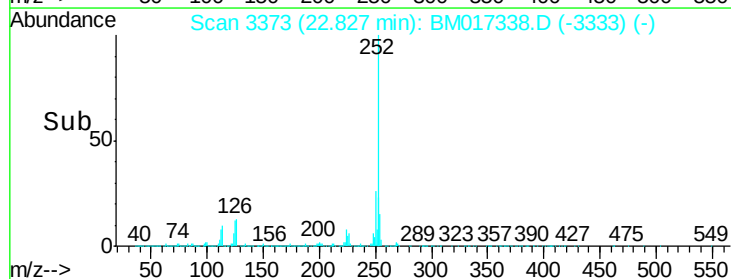
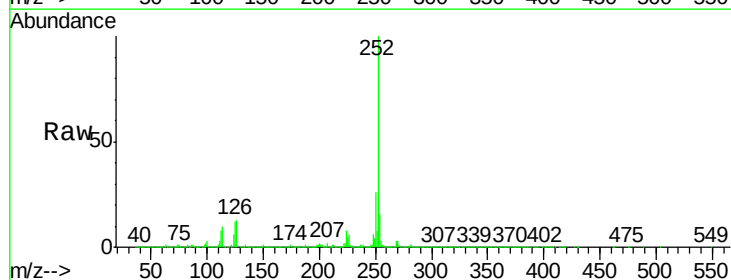
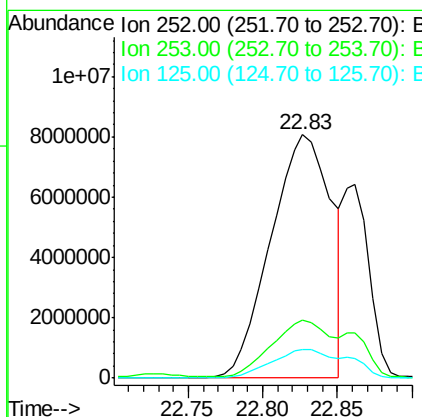
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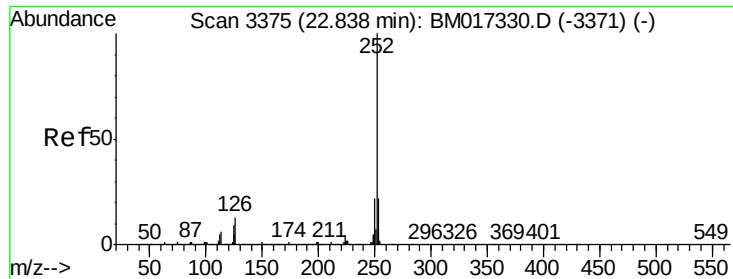


#88
Benzo(b)fluoranthene
 Concen: 190.905 ng/ul
 RT: 22.83 min Scan# 3373
 Delta R.T. 0.04 min
 Lab File: BM017338.D
 Acq: 25 Oct 2018 03:45

Tgt Ion:252 Resp:22684286

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	11.9	7.2	10.8





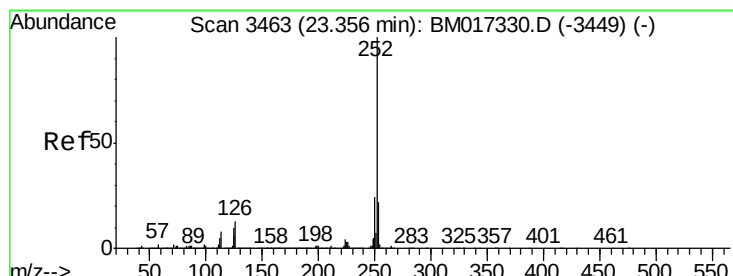
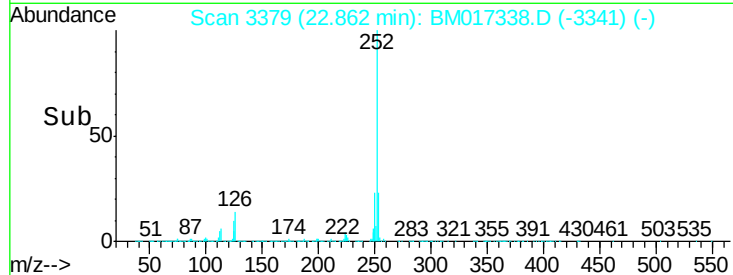
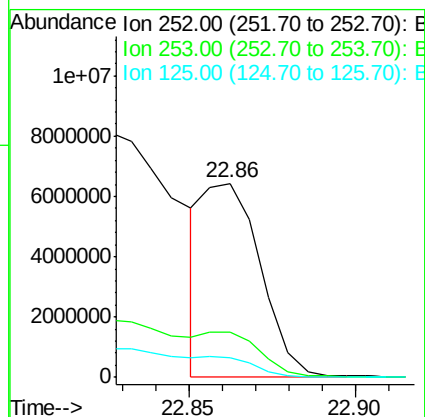
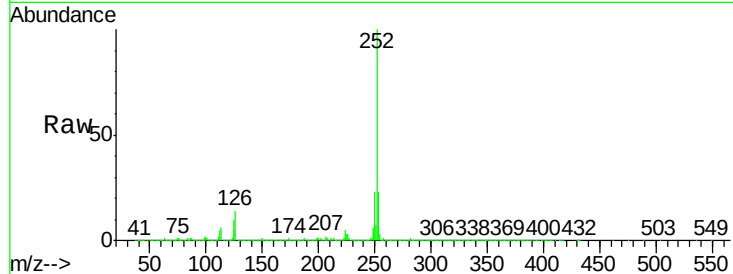
#89
Benzo(k)fluoranthene
Concen: 66.086 ng/ul m
RT: 22.86 min Scan# 3379
Delta R.T. 0.02 min
Lab File: BM017338.D
Acq: 25 Oct 2018 03:45

Instrument :
BNA_M
ClientSampled :
C0AF1

Tgt Ion:252 Resp: 7670531
Ion Ratio Lower Upper
252 100
253 23.4 17.7 26.5
125 10.1 7.8 11.6

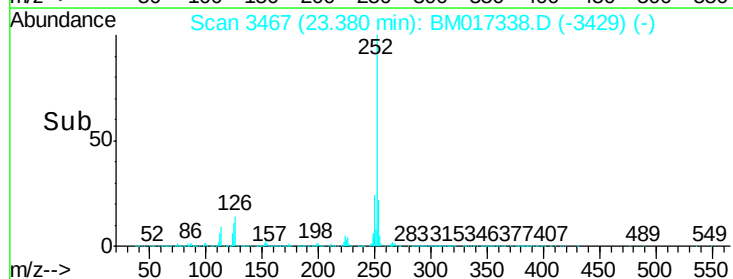
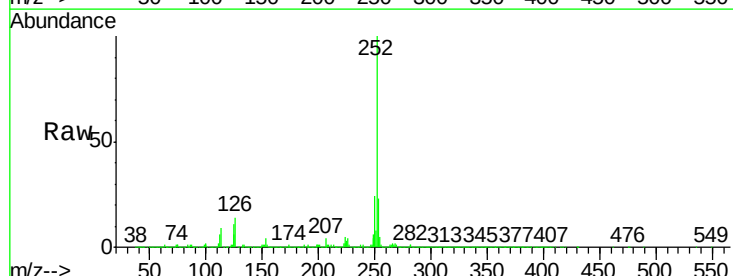
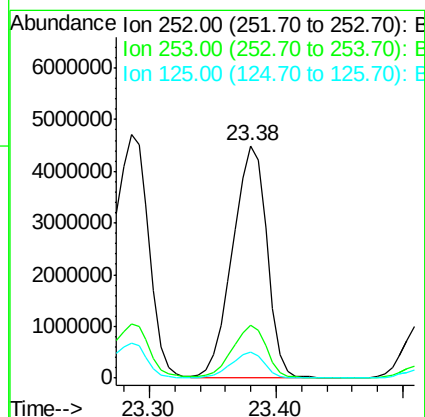
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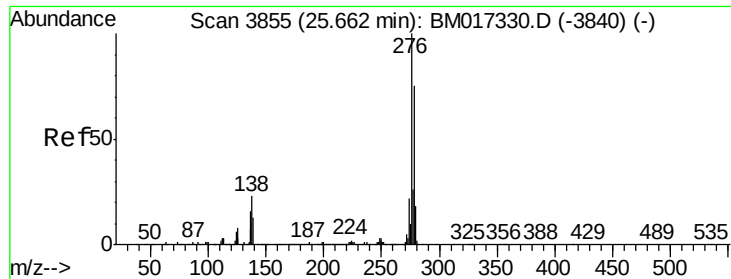
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#91
Benzo(a)pyrene
Concen: 72.094 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. 0.02 min
Lab File: BM017338.D
Acq: 25 Oct 2018 03:45

Tgt Ion:252 Resp: 8368964
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 11.2 8.3 12.5





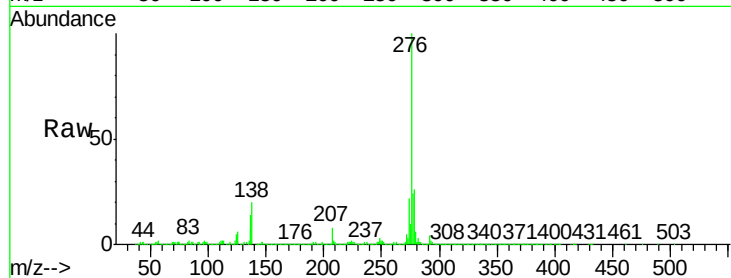
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 44.815 ng/ul
 RT: 25.69 min Scan# 3860
 Delta R.T. 0.03 min
 Lab File: BM017338.D
 Acq: 25 Oct 2018 03:45

Instrument :
 BNA_M
 ClientSampleId :
 C0AF1

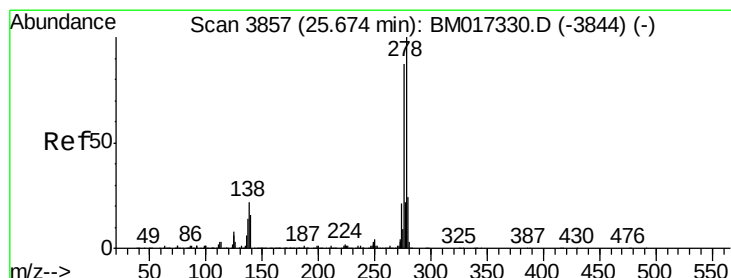
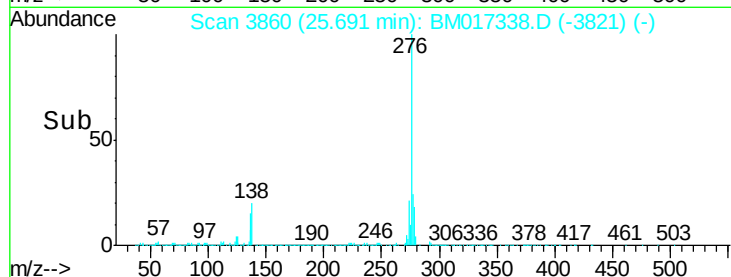
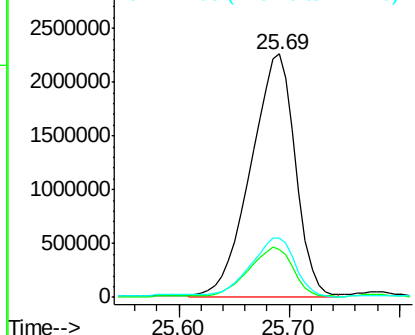
Tgt Ion:276 Resp: 6329832
 Ion Ratio Lower Upper
 276 100
 138 19.7 18.1 27.1
 277 24.4 19.6 29.4

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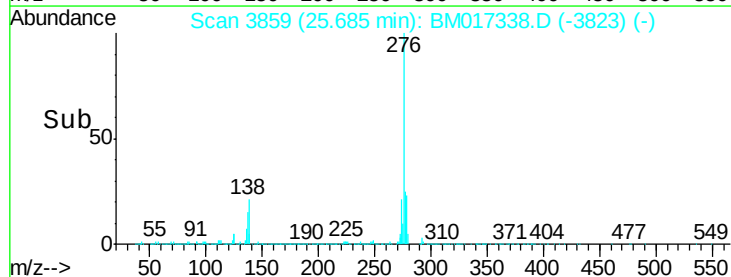
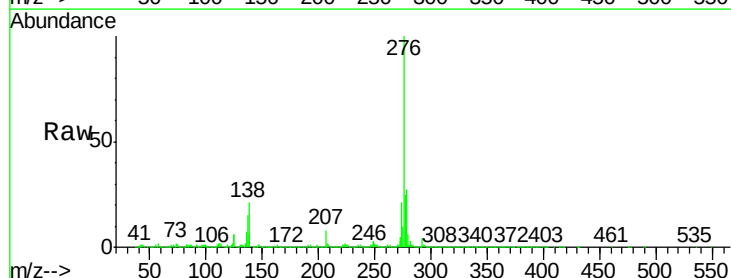
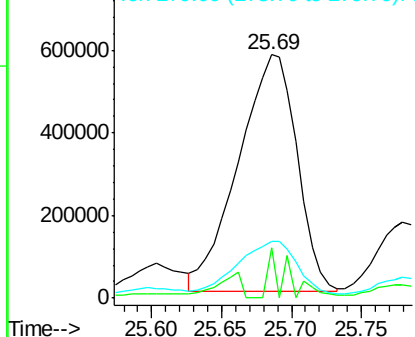
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

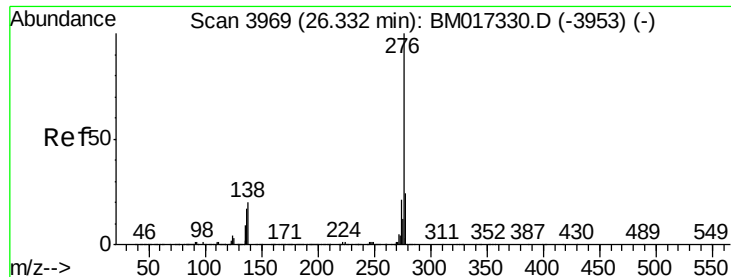


#93
 Dibenzo(a,h)anthracene
 Concen: 14.078 ng/ul m
 RT: 25.69 min Scan# 3859
 Delta R.T. 0.01 min
 Lab File: BM017338.D
 Acq: 25 Oct 2018 03:45

Tgt Ion:278 Resp: 1660412
 Ion Ratio Lower Upper
 278 100
 139 20.8 12.7 19.1#
 279 23.1 19.0 28.4

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 37.494 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. 0.03 min

Lab File: BM017338.D

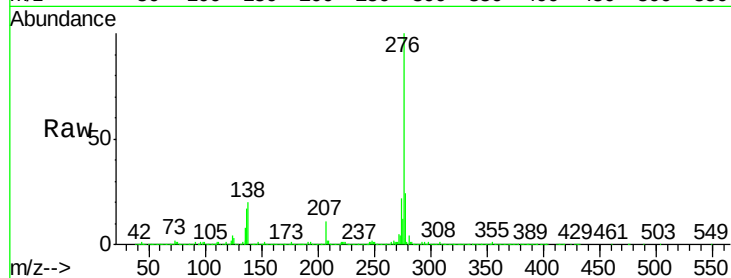
Acq: 25 Oct 2018 03:45

Instrument :

BNA_M

ClientSampleId :

C0AF1



Tgt Ion: 276 Resp: 4498915

Ion Ratio Lower Upper

276 100

138 20.2 16.6 25.0

277 23.9 18.9 28.3

Manual Integrations

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