

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017335.D
 Acq On : 25 Oct 2018 01:57
 Operator : MJ/SJ
 Sample : J5598-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

Manual Integrations
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 10/25/2018 3:34:25 PM

Quant Time: Oct 25 03:04:45 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	7.65	152	321441	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1467408	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	863641	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1991538	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	2250790	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2168022	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	23062	3.30	ng/uL	0.00
5) Phenol-d5	6.83	99	581923	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	346251	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	482915	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	467892	20.15	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	239877	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	275394	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	485282	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	538249	27.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1535935	20.74	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1922955	21.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	223285	16.14	ng/ul	0.00
58) Fluorene-d10	15.29	176	1345626	20.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	235523	16.97	ng/ul	0.00
71) Anthracene-d10	17.14	188	2096558	21.27	ng/ul	0.00
79) Pyrene-d10	19.45	212	2382064	22.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2506705	21.89	ng/ul	0.00
Target Compounds						
6) Phenol	6.86	94	161789	5.549	ng/ul	97
28) Naphthalene	10.47	128	579702	7.552	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	125358	2.222	ng/ul	98
45) Dimethylphthalate	13.76	163	352312	4.910	ng/ul	99
48) Acenaphthylene	14.02	152	682652	8.089	ng/ul	98
54) Dibenzofuran	14.70	168	247769	2.894	ng/ul	98
70) Phenanthrene	17.09	178	866675	7.578	ng/ul	99
72) Anthracene	17.18	178	1084755	9.339	ng/ul	100
75) Carbazole	17.46	167	330166	3.251	ng/ul	99
77) Fluoranthene	19.12	202	6883989	52.514	ng/ul	98
80) Pyrene	19.48	202	7627792	58.360	ng/ul	97
83) Benzo(a)anthracene	21.23	228	5169944	37.535	ng/ul	95
85) Chrysene	21.29	228	6400335	48.867	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	12677672	99.898	ng/ul#	97
89) Benzo(k)fluoranthene	22.85	252	3801638m	30.667	ng/ul	
91) Benzo(a)pyrene	23.37	252	4470552	36.059	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	3499051	23.196	ng/ul	98
93) Dibenzo(a,h)anthracene	25.67	278	925735m	7.349	ng/ul	
94) Benzo(g,h,i)perylene	26.34	276	2461715	19.210	ng/ul	99

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

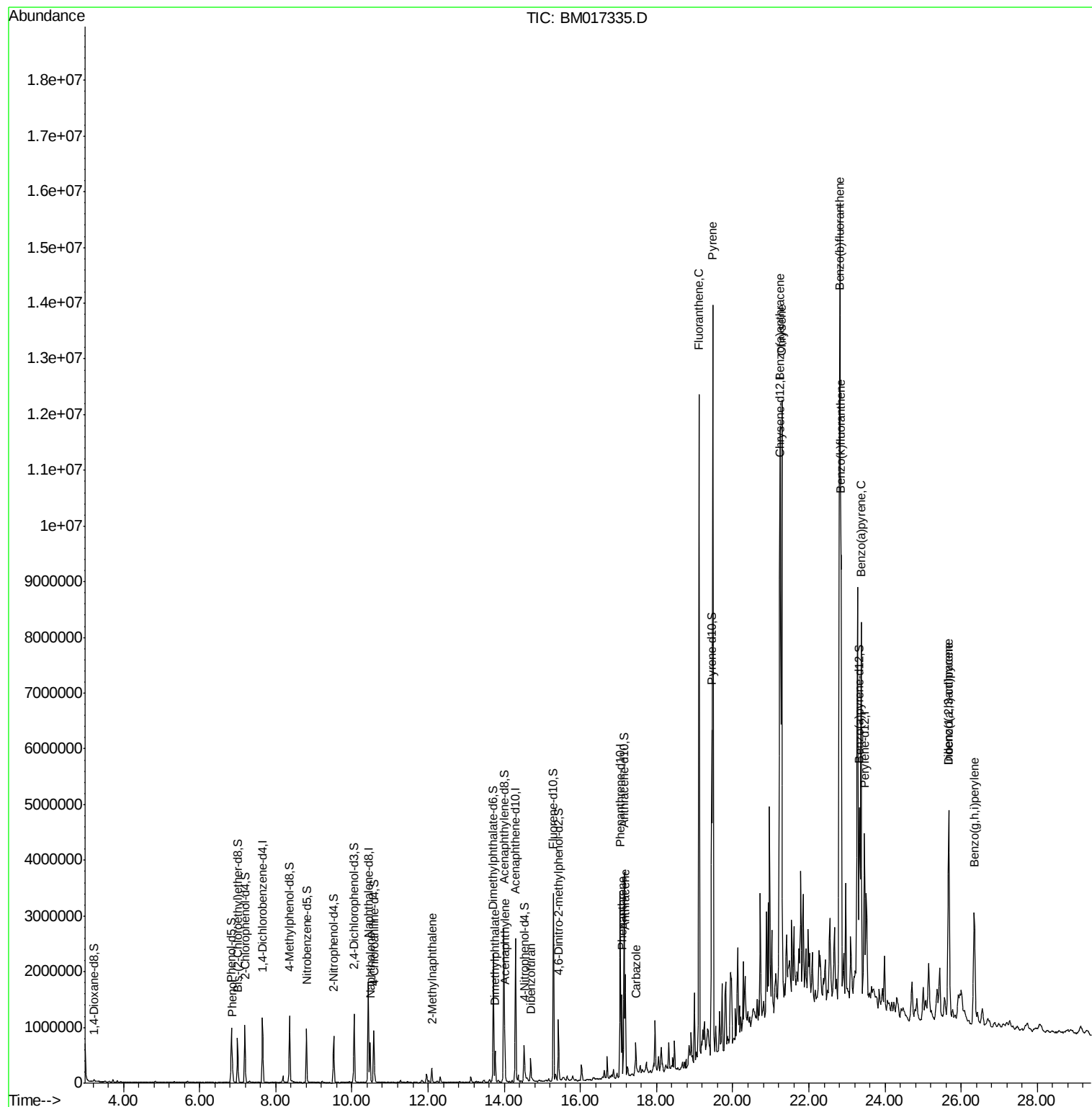
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017335.D
Acq On : 25 Oct 2018 01:57
Operator : MJ/SJ
Sample : J5598-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

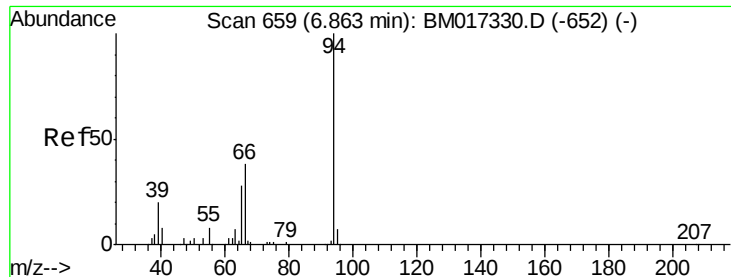
Instrument :
BNA_M
ClientSampled :
C0AE0

Quant Time: Oct 25 03:04:45 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: 5.549 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM017335.D

Acq: 25 Oct 2018 01:57

Instrument :

BNA_M

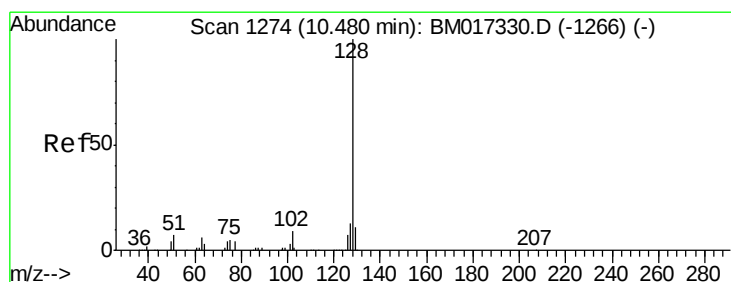
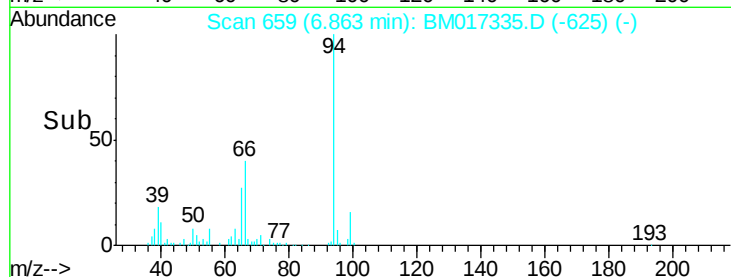
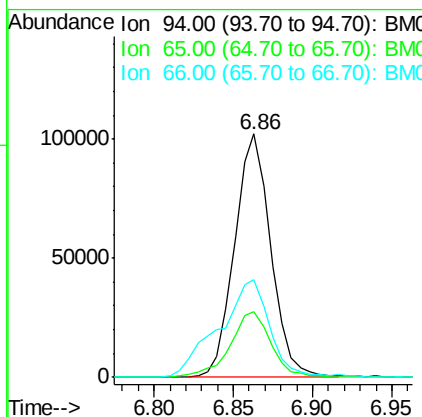
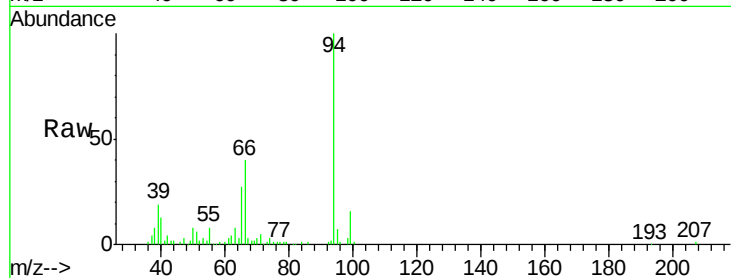
ClientSampleId :

C0AE0

Tgt Ion:	94	Resp:	161789
Ion	Ratio	Lower	Upper
94	100		
65	27.2	24.0	36.0
66	40.1	31.1	46.7

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#28

Naphthalene

Concen: 7.552 ng/ul

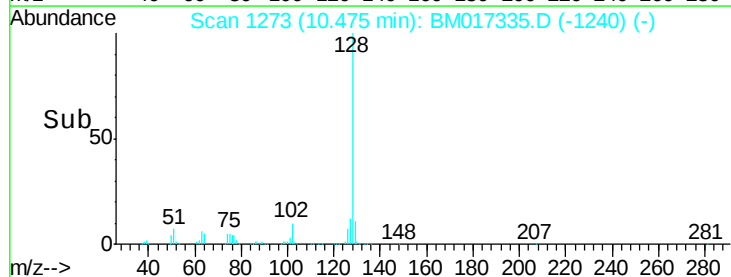
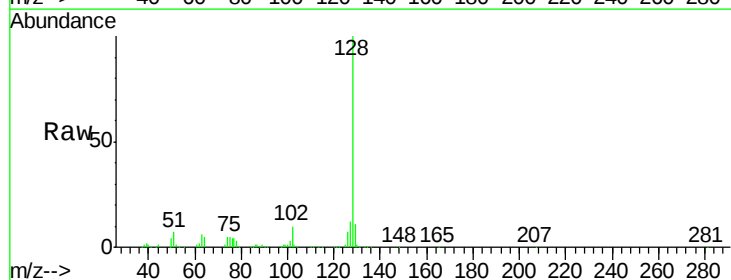
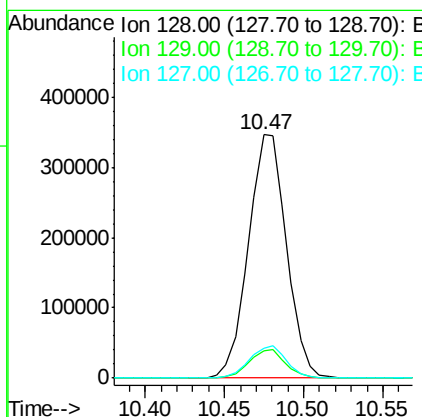
RT: 10.47 min Scan# 1273

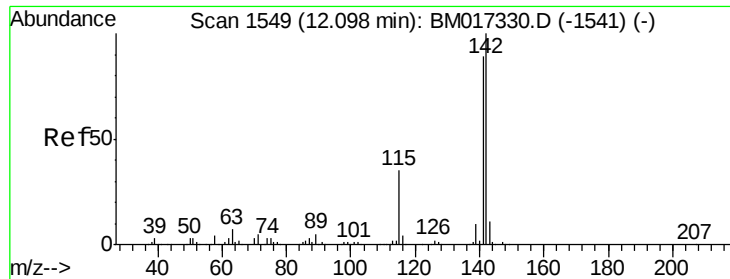
Delta R.T. -0.01 min

Lab File: BM017335.D

Acq: 25 Oct 2018 01:57

Tgt Ion:	128	Resp:	579702
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.3	10.3	15.5





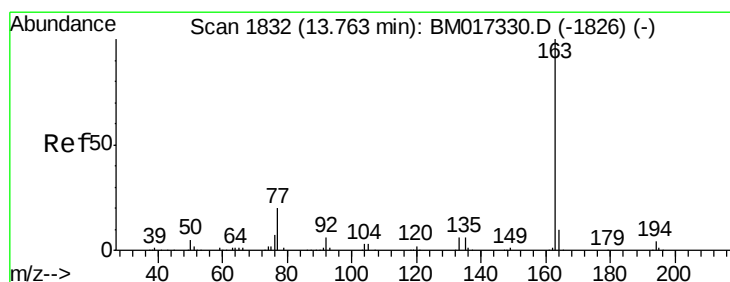
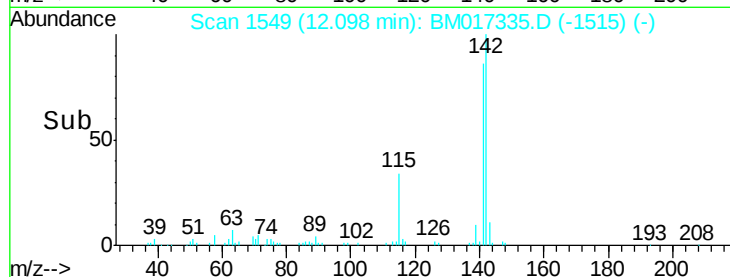
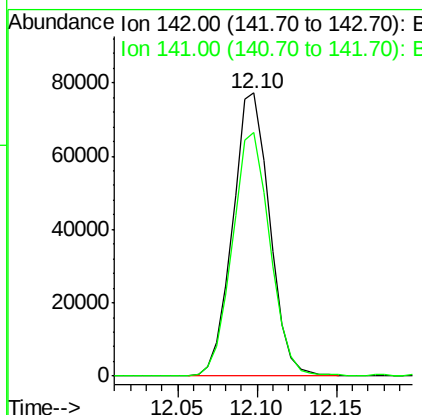
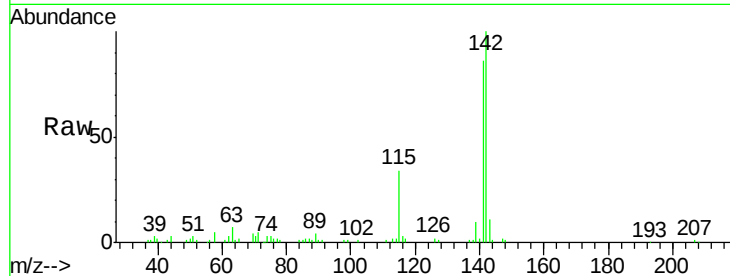
#34
2-Methylnaphthalene
Concen: 2.222 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM017335.D
Acq: 25 Oct 2018 01:57

Instrument :
BNA_M
ClientSampleId :
C0AE0

Tgt Ion:142 Resp: 125358
Ion Ratio Lower Upper
142 100
141 86.0 70.4 105.6

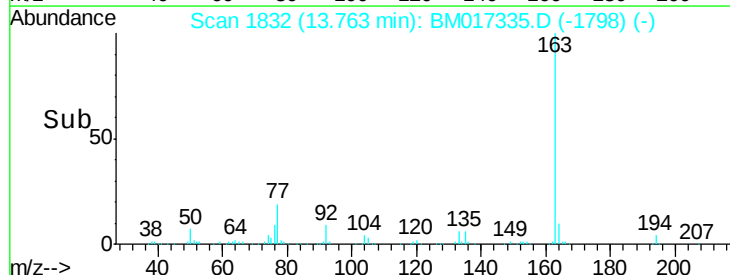
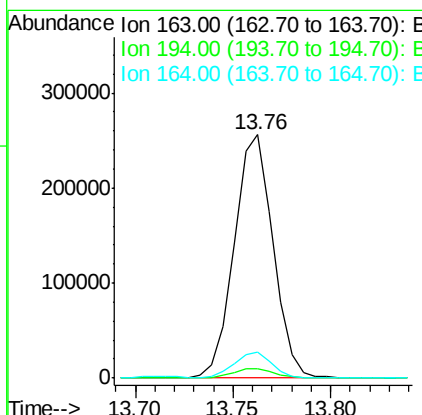
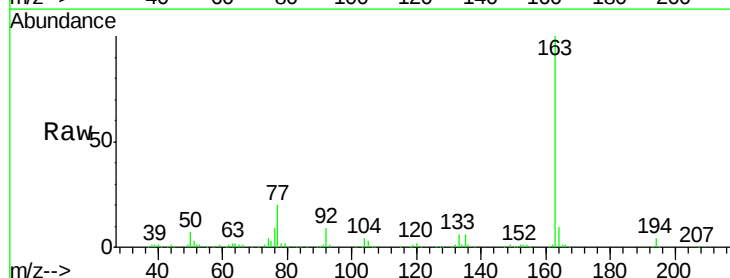
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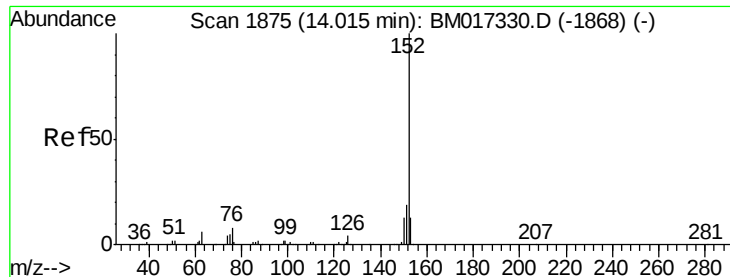
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#45
Dimethylphthalate
Concen: 4.910 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BM017335.D
Acq: 25 Oct 2018 01:57

Tgt Ion:163 Resp: 352312
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 8.1 12.1





#48

Acenaphthylene

Concen: 8.089 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM017335.D

Acq: 25 Oct 2018 01:57

Instrument :

BNA_M

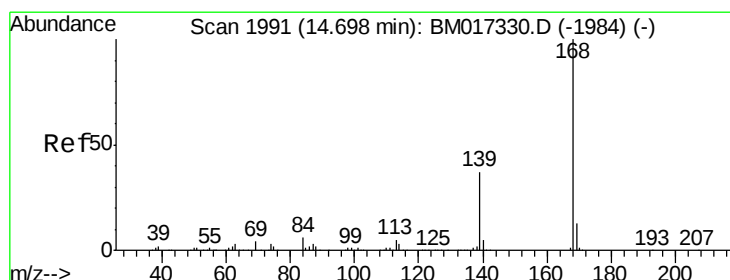
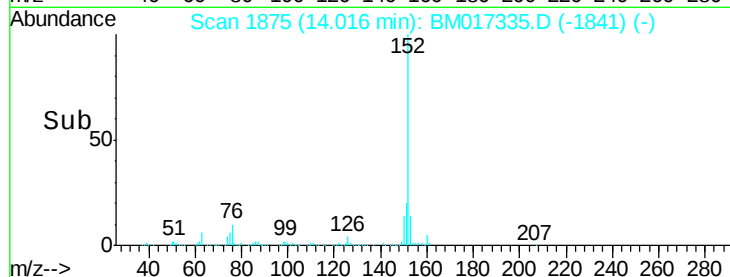
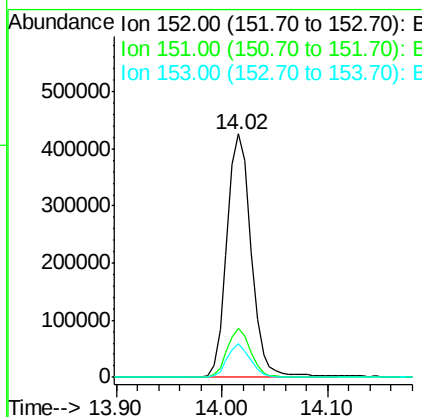
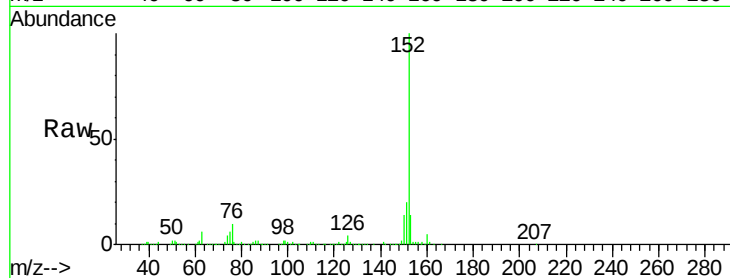
ClientSampleId :

C0AE0

Tgt Ion:	152	Resp:	682652
Ion Ratio		Lower	Upper
152	100		
151	20.0	15.3	22.9
153	13.8	10.2	15.4

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#54

Dibenzofuran

Concen: 2.894 ng/ul

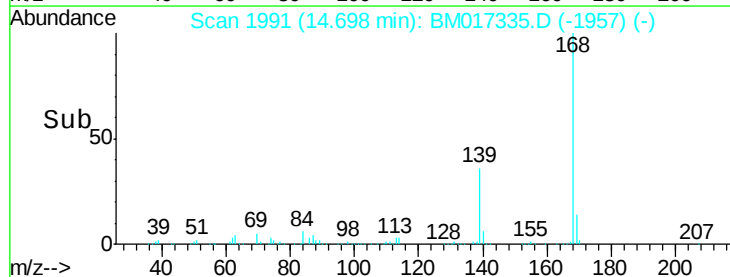
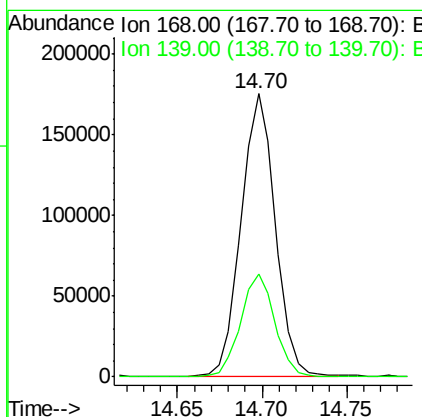
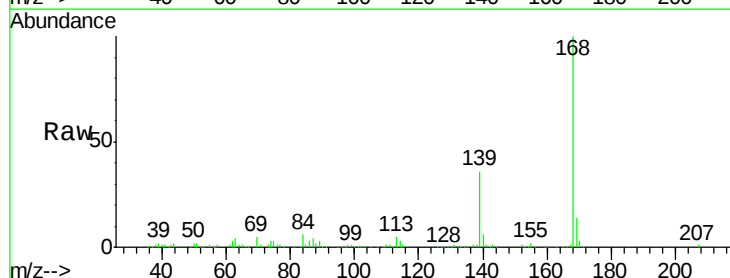
RT: 14.70 min Scan# 1991

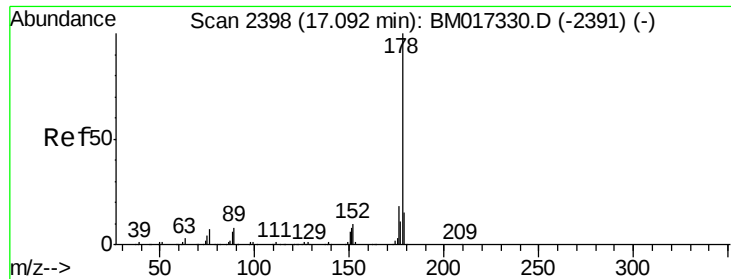
Delta R.T. 0.00 min

Lab File: BM017335.D

Acq: 25 Oct 2018 01:57

Tgt Ion:	168	Resp:	247769
Ion Ratio		Lower	Upper
168	100		
139	36.3	30.1	45.1





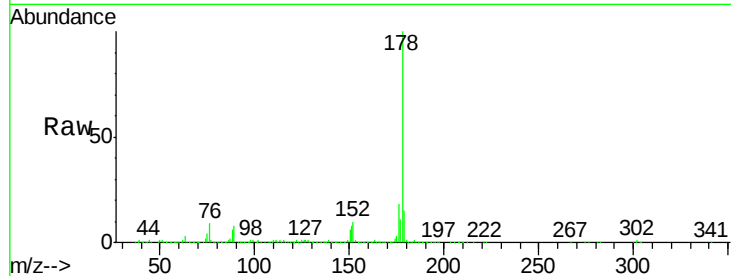
#70
 Phenanthrene
 Concen: 7.578 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. 0.00 min
 Lab File: BM017335.D
 Acq: 25 Oct 2018 01:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.1	14.9	22.3

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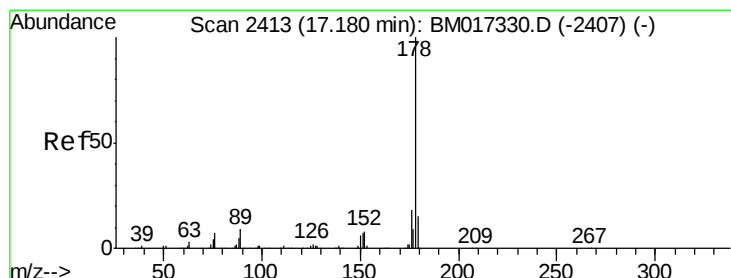
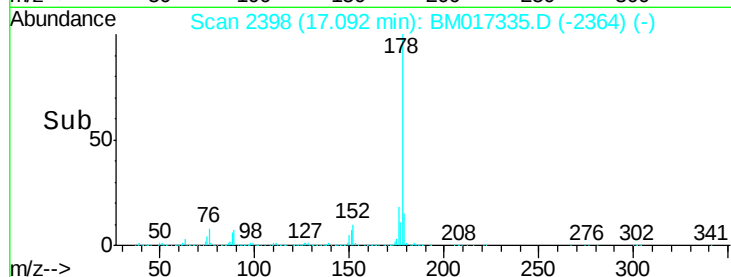
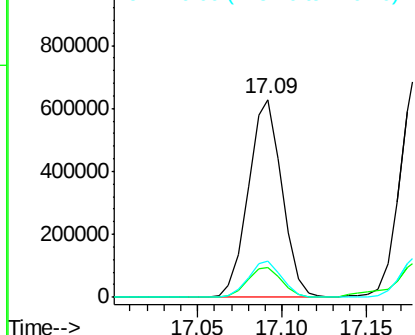


Abundance

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: 9.339 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BM017335.D
 Acq: 25 Oct 2018 01:57

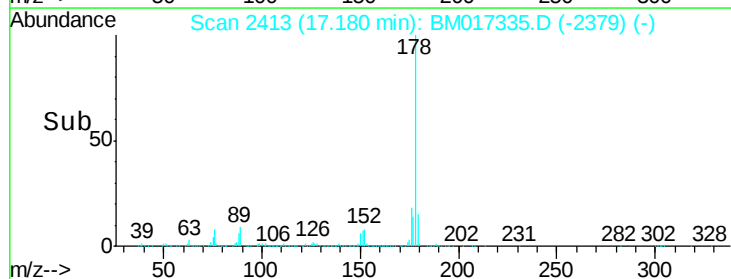
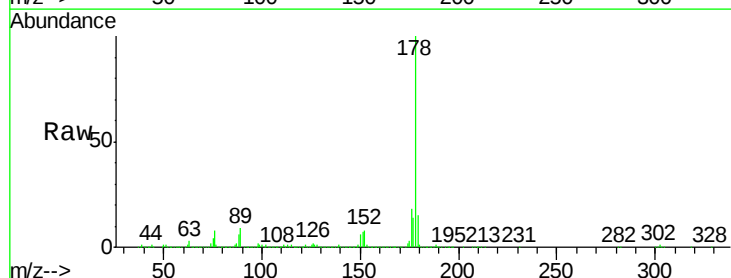
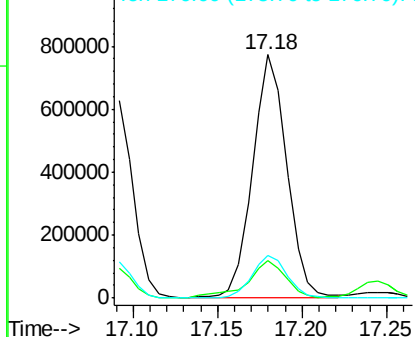
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	17.8	14.2	21.2

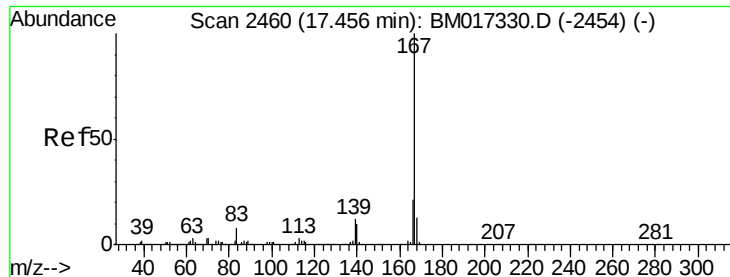
Abundance

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: 3.251 ng/ul

RT: 17.46 min Scan# 2460

Delta R.T. 0.00 min

Lab File: BM017335.D

Acq: 25 Oct 2018 01:57

Instrument :

BNA_M

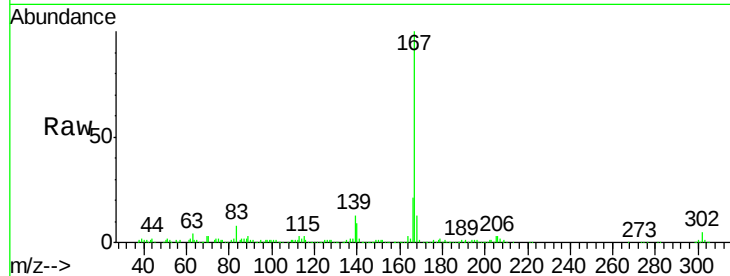
ClientSampleId :

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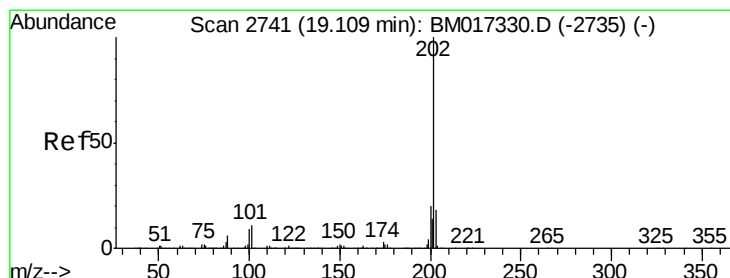
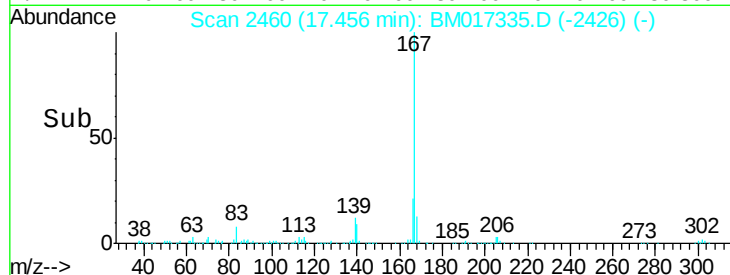
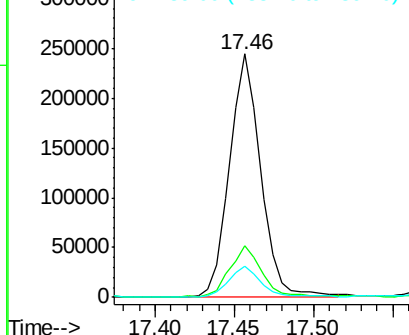
Tgt Ion:	167	Resp:	330166
Ion Ratio		Lower	Upper
167	100		
166	21.3	17.5	26.3
139	12.7	10.0	15.0

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 52.514 ng/ul

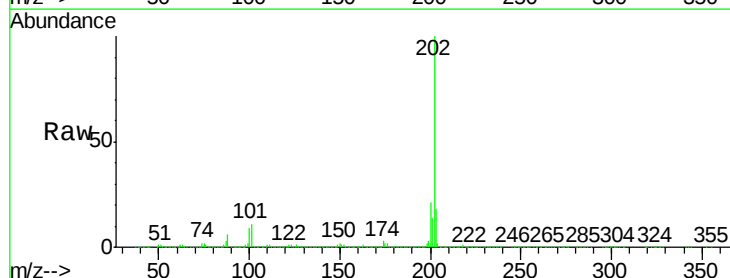
RT: 19.12 min Scan# 2742

Delta R.T. 0.01 min

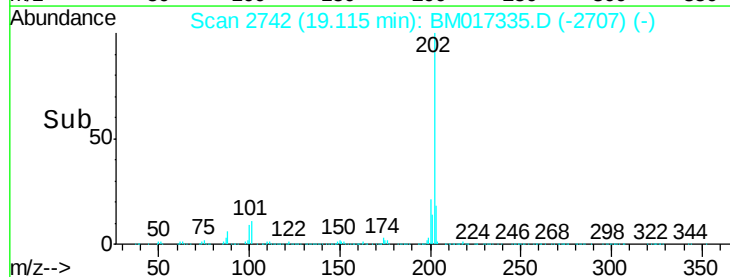
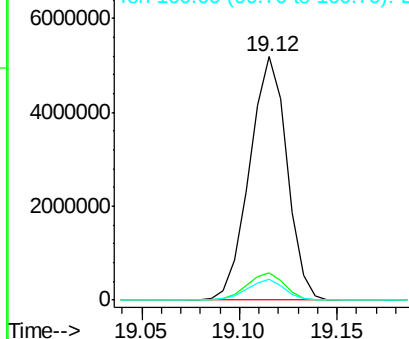
Lab File: BM017335.D

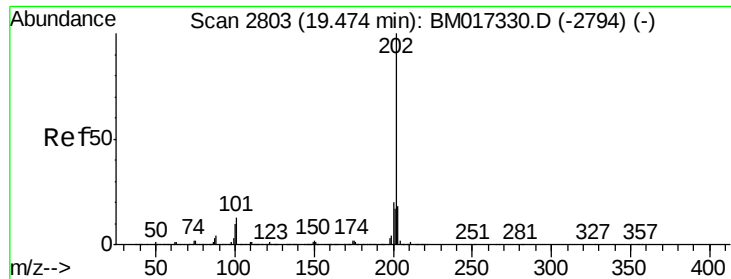
Acq: 25 Oct 2018 01:57

Tgt Ion:	202	Resp:	6883989
Ion Ratio		Lower	Upper
202	100		
101	11.2	8.2	12.4
100	8.7	6.3	9.5



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





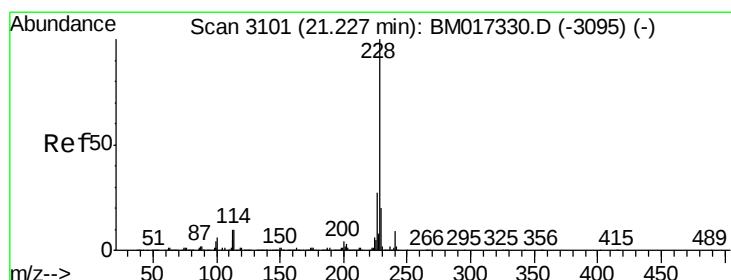
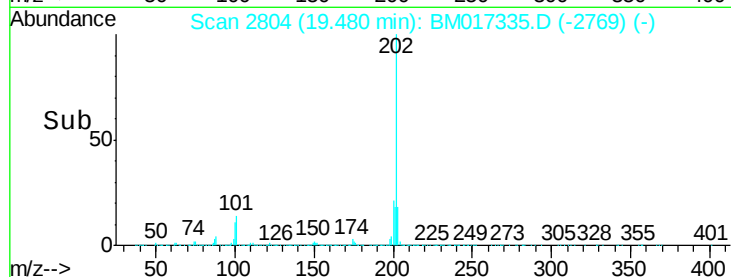
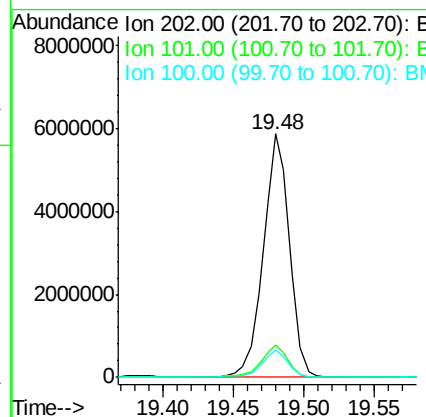
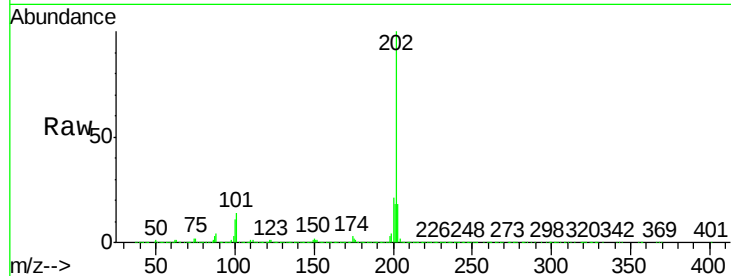
#80
 Pyrene
 Concen: 58.360 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM017335.D
 Acq: 25 Oct 2018 01:57

Instrument :
 BNA_M
 ClientSampleId :
 C0AE0

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.5	14.3
100	11.0	8.1	12.1

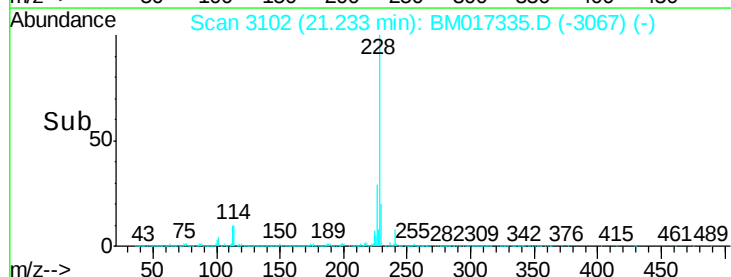
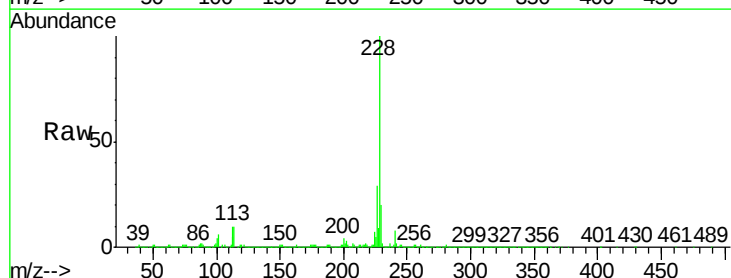
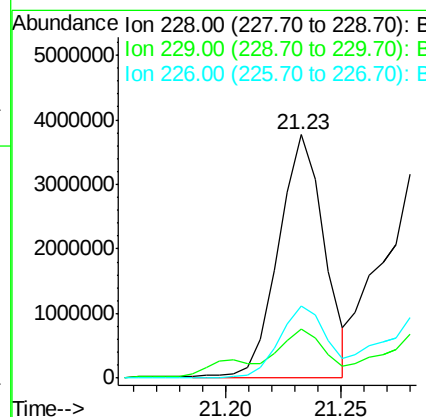
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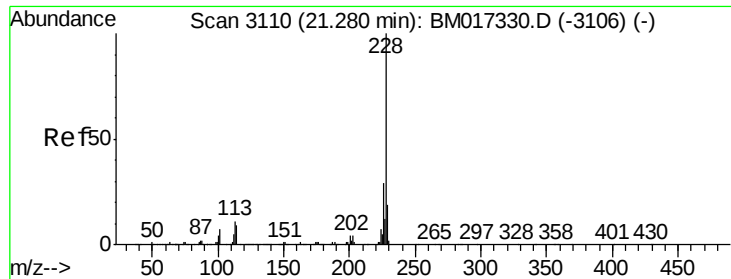
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#83
 Benzo(a)anthracene
 Concen: 37.535 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. 0.01 min
 Lab File: BM017335.D
 Acq: 25 Oct 2018 01:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	29.4	20.8	31.2





#85

Chrysene

Concen: 48.867 ng/ul

RT: 21.29 min Scan# 3111

Delta R.T. 0.01 min

Lab File: BM017335.D

Acq: 25 Oct 2018 01:57

Instrument :

BNA_M

ClientSampleId :

C0AE0

Tgt Ion:228 Resp: 6400335

Ion Ratio Lower Upper

228 100

226 29.8 23.3 34.9

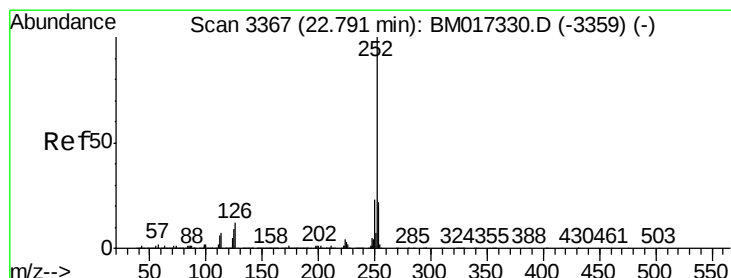
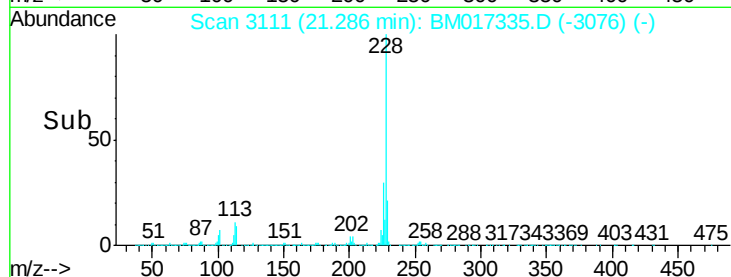
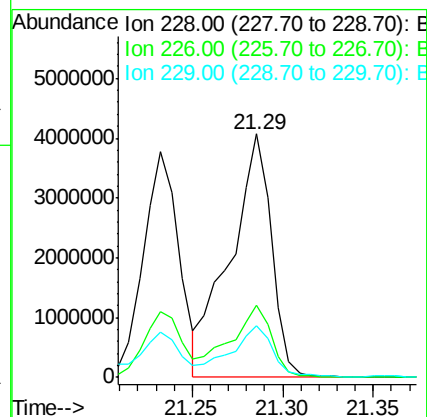
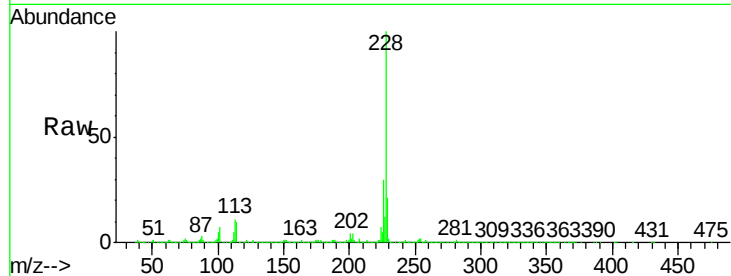
229 21.3 15.6 23.4

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#88

Benzo(b)fluoranthene

Concen: 99.898 ng/ul

RT: 22.81 min Scan# 3371

Delta R.T. 0.02 min

Lab File: BM017335.D

Acq: 25 Oct 2018 01:57

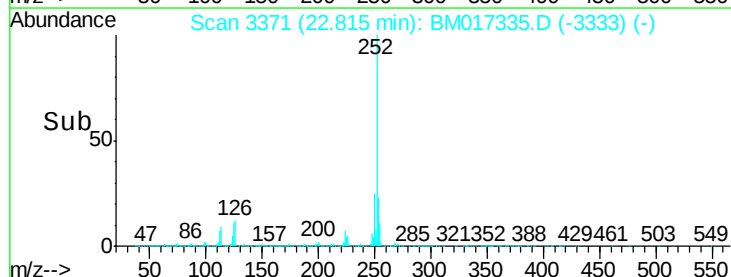
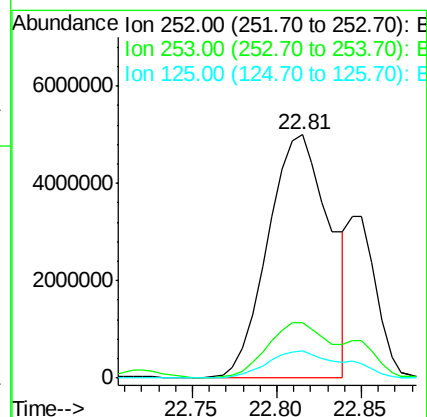
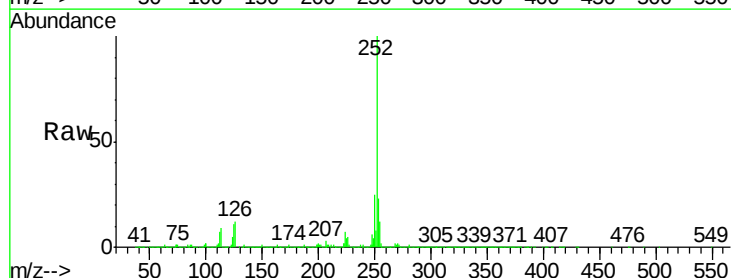
Tgt Ion:252 Resp:12677672

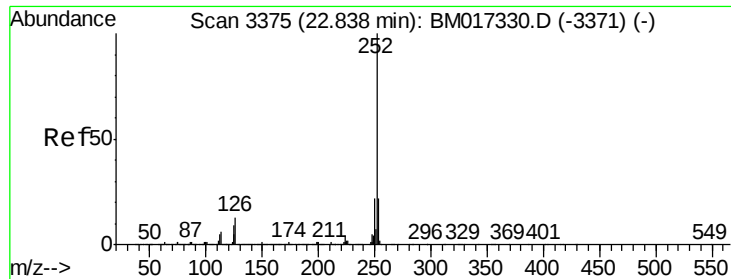
Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 11.0 7.2 10.8#





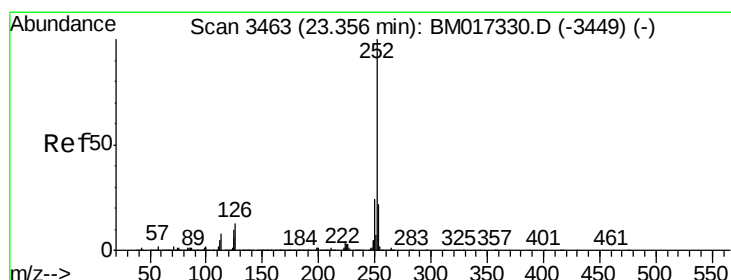
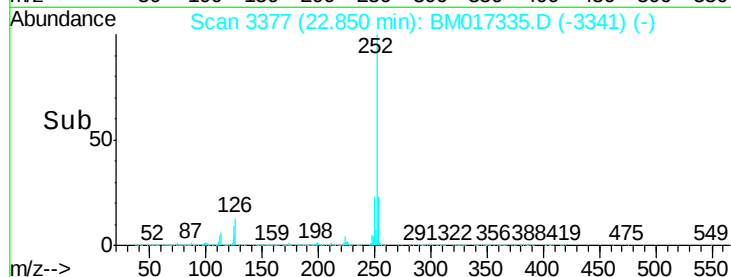
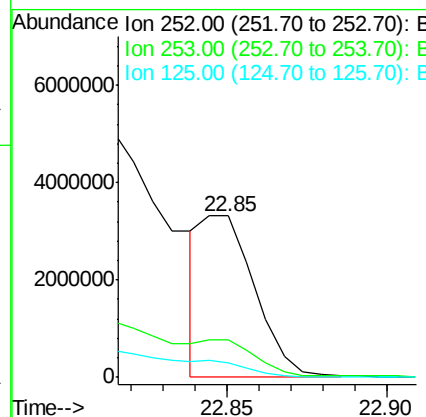
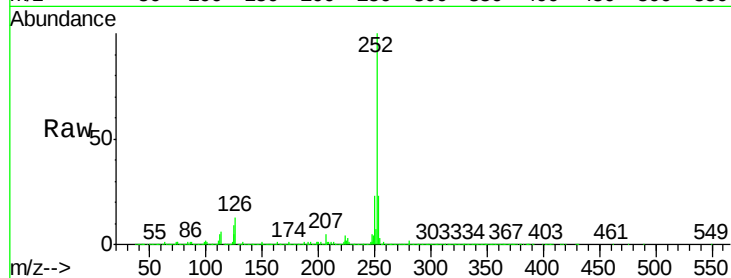
#89
Benzo(k)fluoranthene
Concen: 30.667 ng/ul m
RT: 22.85 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM017335.D
Acq: 25 Oct 2018 01:57

Instrument :
BNA_M
ClientSampleId :
C0AEO

Tgt Ion:252 Resp: 3801638
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 9.3 7.8 11.6

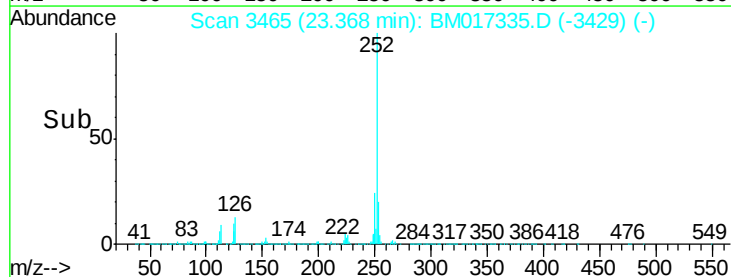
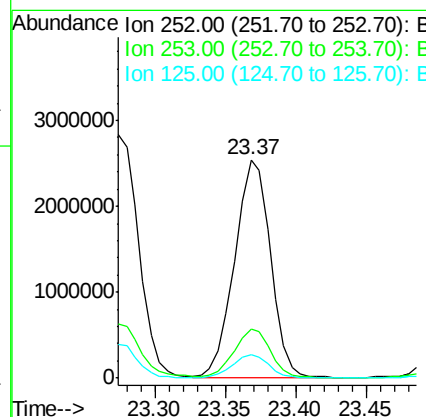
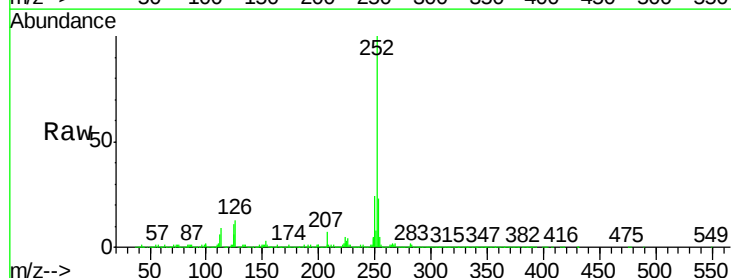
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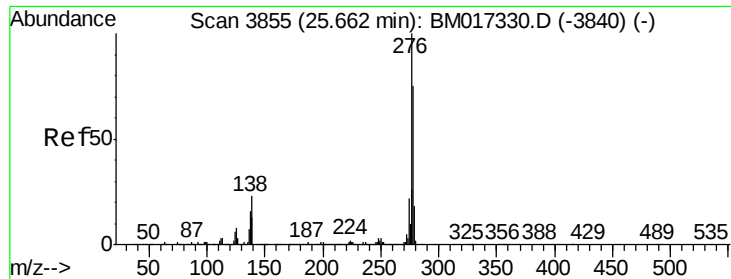
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#91
Benzo(a)pyrene
Concen: 36.059 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BM017335.D
Acq: 25 Oct 2018 01:57

Tgt Ion:252 Resp: 4470552
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.6 8.3 12.5





#92

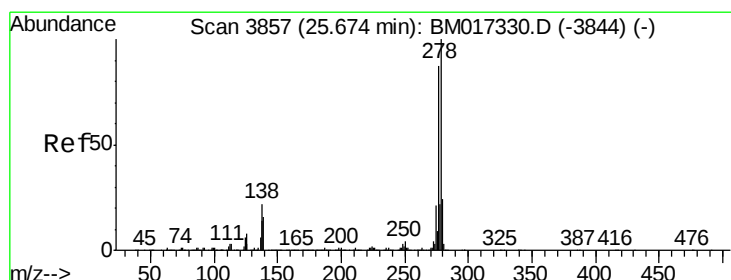
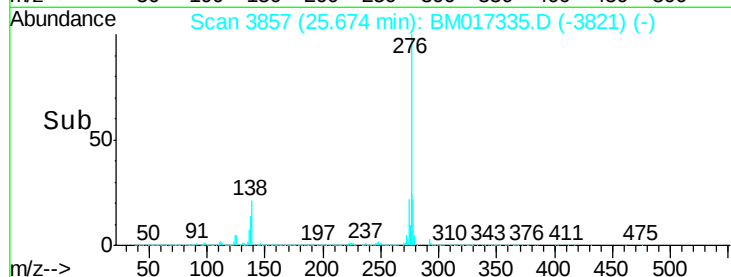
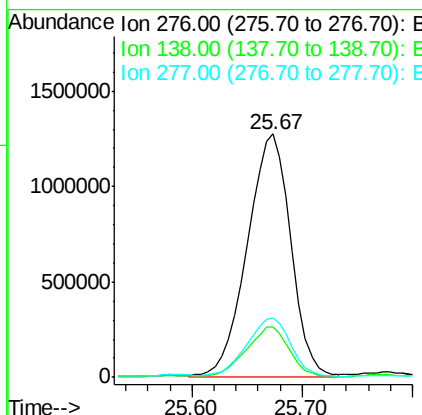
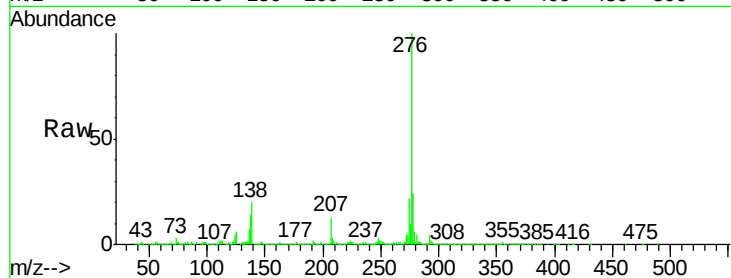
Indeno(1,2,3-cd)pyrene
Concen: 23.196 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM017335.D
Acq: 25 Oct 2018 01:57

Instrument :
BNA_M
ClientSampleId :
C0AE0

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.1	27.1
277	24.4	19.6	29.4

Manual Integrations
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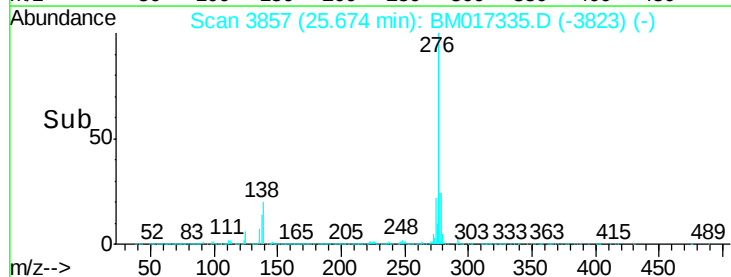
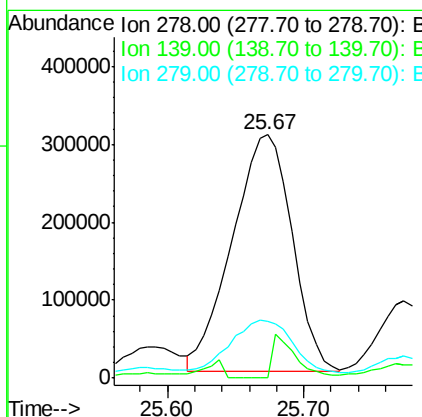
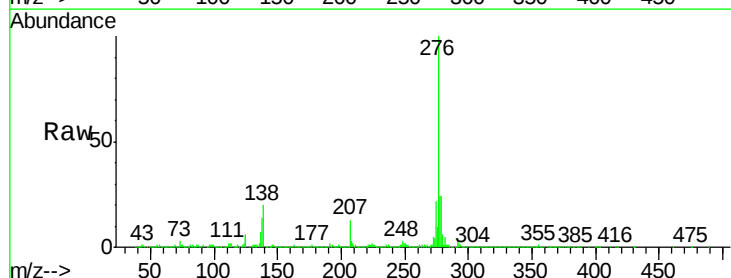
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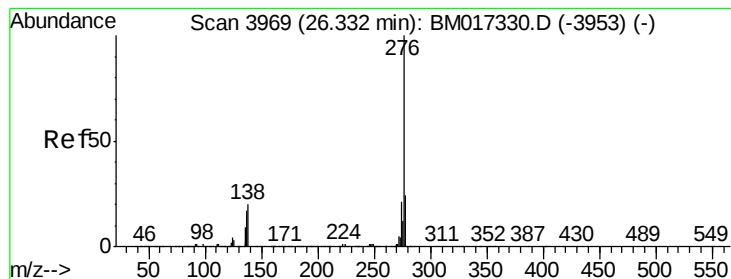


#93

Dibenzo(a,h)anthracene
Concen: 7.349 ng/ul m
RT: 25.67 min Scan# 3857
Delta R.T. 0.00 min
Lab File: BM017335.D
Acq: 25 Oct 2018 01:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	23.1	19.0	28.4





#94

Benzo(g,h,i)perylene

Concen: 19.210 ng/ul

RT: 26.34 min Scan# 3971

Delta R.T. 0.01 min

Lab File: BM017335.D

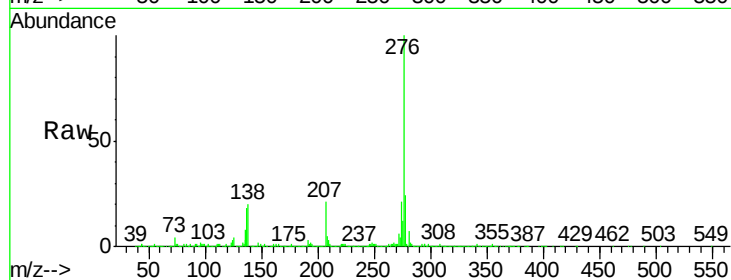
Acq: 25 Oct 2018 01:57

Instrument :

BNA_M

ClientSampleId :

C0AE0



Tgt Ion: 276 Resp: 2461715

Ion Ratio Lower Upper

276 100

138 20.3 16.6 25.0

277 24.1 18.9 28.3

Manual Integrations

APPROVED

Sohil

10/25/2018 3:34:25 PM

