

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017332.D
 Acq On : 25 Oct 2018 00:08
 Operator : MJ/SJ
 Sample : J5598-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE7

Manual Integrations
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 10/25/2018 3:34:14 PM

Quant Time: Oct 25 02:50:50 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	300424	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1387248	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	830507	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1954562	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2314561	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2414494	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	20518	3.14	ng/uL	0.00
5) Phenol-d5	6.83	99	511088	18.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	302036	18.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	415151	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	411073	18.94	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	208846	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	234893	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	429238	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	461614	25.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1434546	20.14	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1721730	19.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	224279	16.86	ng/ul	0.00
58) Fluorene-d10	15.29	176	1258131	20.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	230367	16.92	ng/ul	0.00
71) Anthracene-d10	17.14	188	2015927	20.84	ng/ul	0.00
79) Pyrene-d10	19.45	212	2354869	21.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2788315	21.87	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.86	94	140658	5.162 ng/ul	99
28) Naphthalene	10.48	128	152595	2.103 ng/ul	99
34) 2-Methylnaphthalene	12.10	142	90016	1.688 ng/ul	98
45) Dimethylphthalate	13.76	163	323941	4.695 ng/ul	98
48) Acenaphthylene	14.02	152	390267	4.809 ng/ul	99
70) Phenanthrene	17.09	178	1224738	10.912 ng/ul	99
72) Anthracene	17.18	178	384299	3.371 ng/ul	98
75) Carbazole	17.46	167	239714	2.405 ng/ul	98
77) Fluoranthene	19.12	202	8650813	67.241 ng/ul	96
80) Pyrene	19.48	202	7870579	58.558 ng/ul	98
83) Benzo(a)anthracene	21.23	228	4231010	29.872 ng/ul	96
85) Chrysene	21.29	228	6008277	44.610 ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	8432148	59.661 ng/ul	98
89) Benzo(k)fluoranthene	22.84	252	2365731m	17.136 ng/ul	
91) Benzo(a)pyrene	23.36	252	2949121	21.359 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	2187164	13.019 ng/ul	97
93) Dibenzo(a,h)anthracene	25.66	278	609603m	4.345 ng/ul	
94) Benzo(g,h,i)perylene	26.34	276	1724936	12.086 ng/ul	99

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

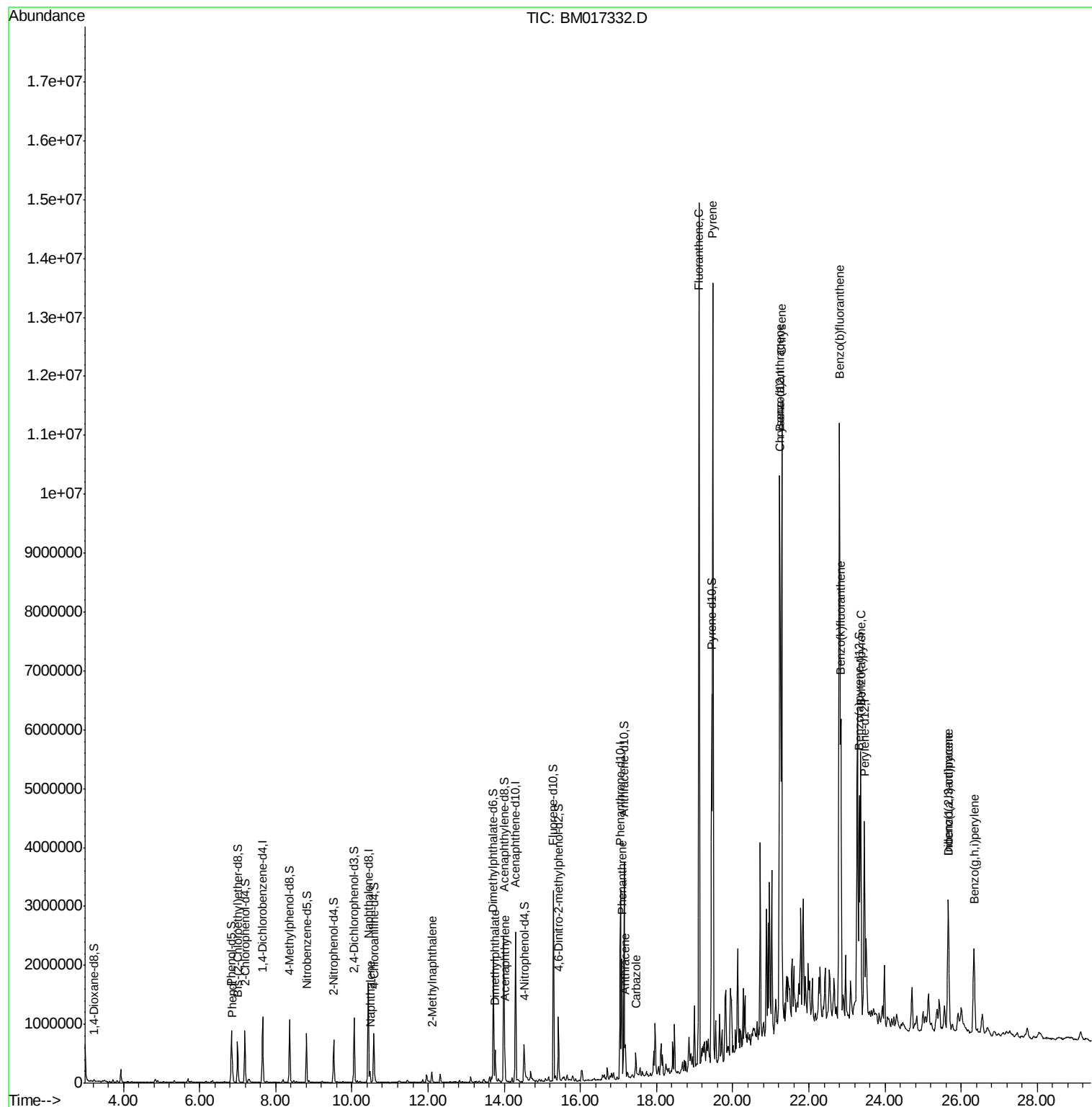
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017332.D
Acq On : 25 Oct 2018 00:08
Operator : MJ/SJ
Sample : J5598-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

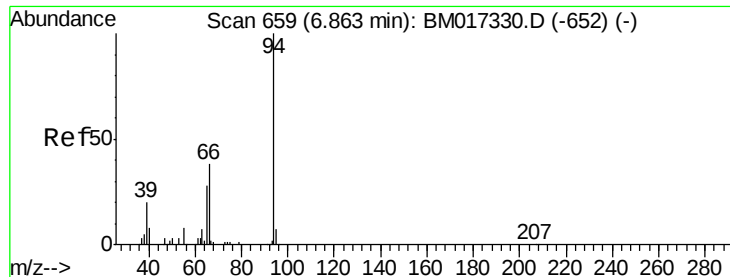
Instrument :
BNA_M
ClientSampleId :
C0AE7

Quant Time: Oct 25 02:50:50 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: 5.162 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Instrument :

BNA_M

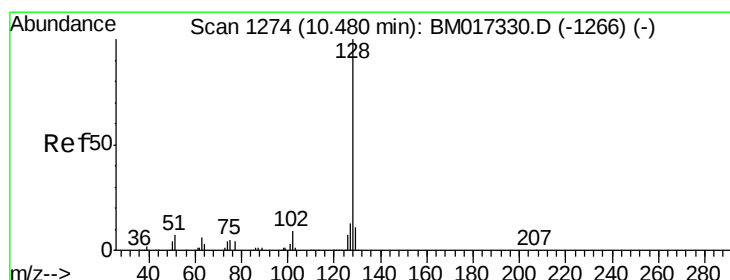
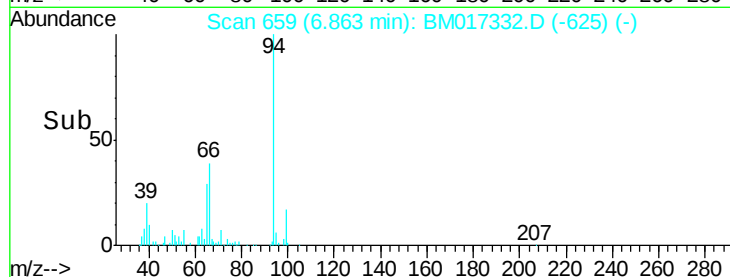
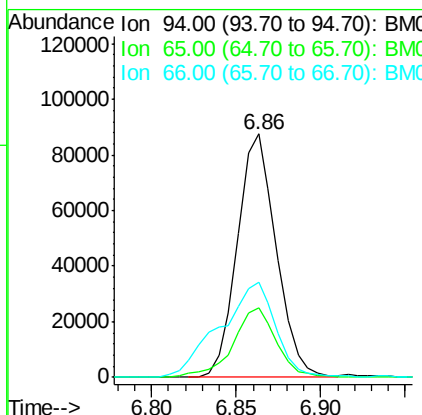
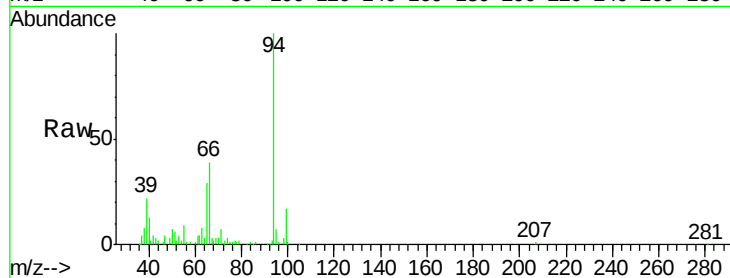
ClientSampled :

C0AE7

Tgt Ion:	94	Resp:	140658
Ion Ratio	Lower	Upper	
94	100		
65	28.6	24.0	36.0
66	38.9	31.1	46.7

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#28

Naphthalene

Concen: 2.103 ng/ul

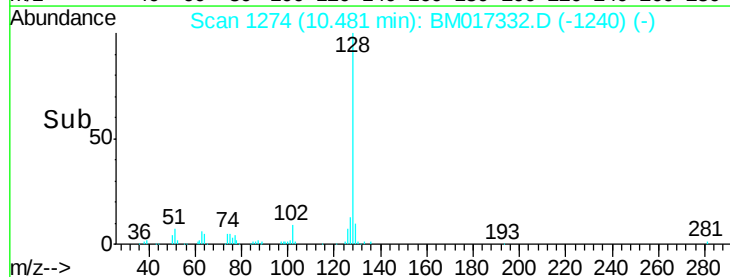
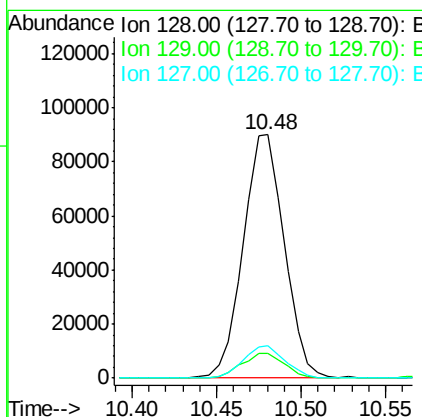
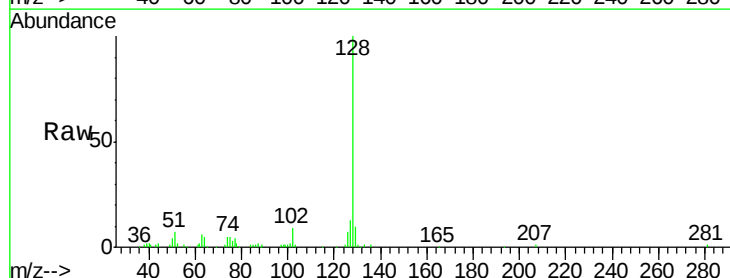
RT: 10.48 min Scan# 1274

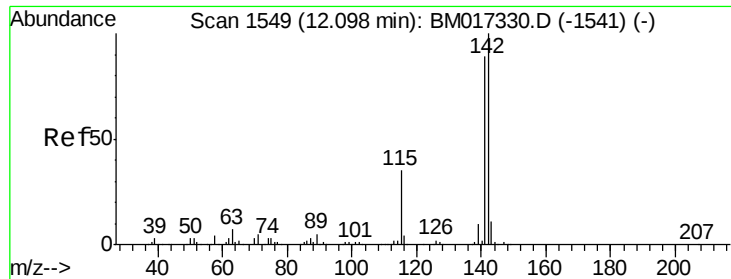
Delta R.T. 0.00 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Tgt Ion:	128	Resp:	152595
Ion Ratio	Lower	Upper	
128	100		
129	10.1	8.6	12.8
127	13.3	10.3	15.5





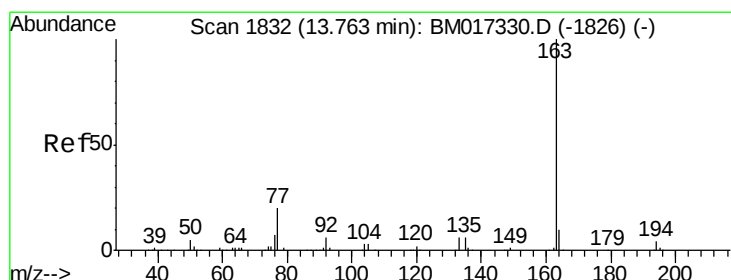
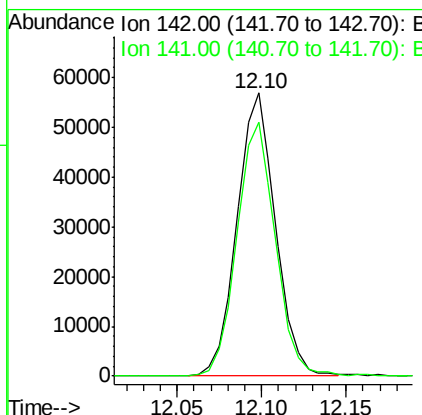
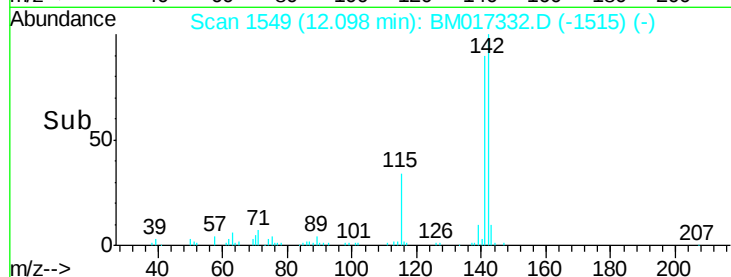
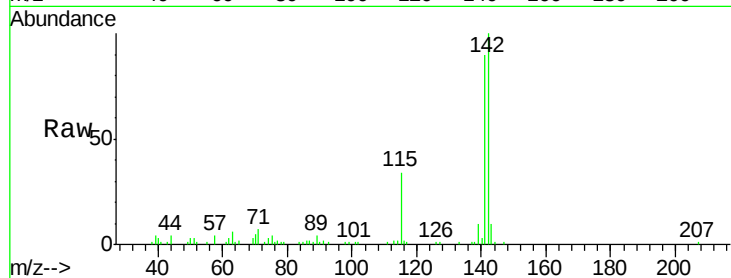
#34
2-Methylnaphthalene
Concen: 1.688 ng/ul
RT: 12.10 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM017332.D
Acq: 25 Oct 2018 00:08

Instrument :
BNA_M
ClientSampleId :
C0AE7

Tgt Ion:142 Resp: 90016
Ion Ratio Lower Upper
142 100
141 89.7 70.4 105.6

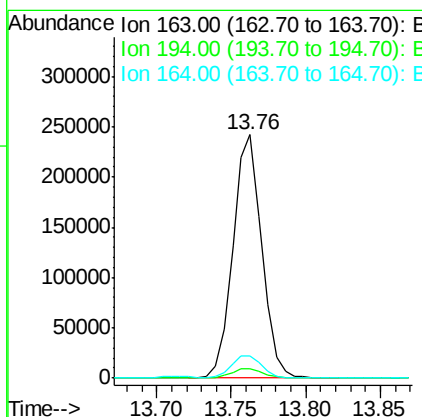
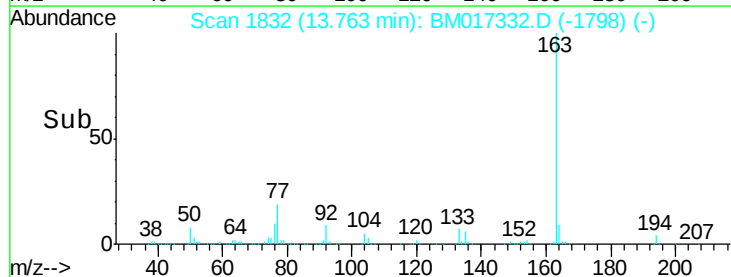
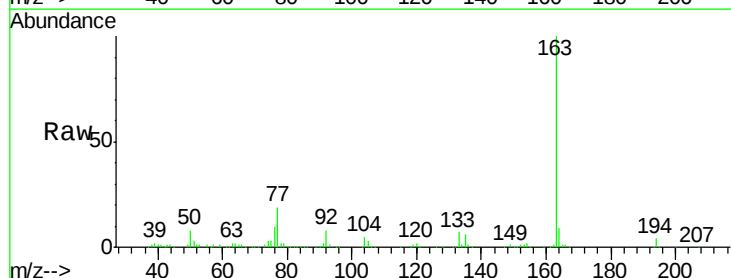
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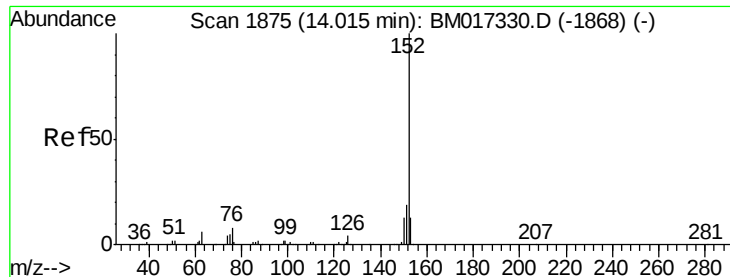
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#45
Dimethylphthalate
Concen: 4.695 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BM017332.D
Acq: 25 Oct 2018 00:08

Tgt Ion:163 Resp: 323941
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.3 8.1 12.1





#48

Acenaphthylene

Concen: 4.809 ng/ul

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Instrument :

BNA_M

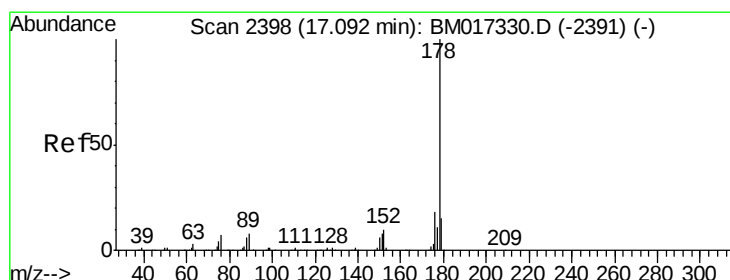
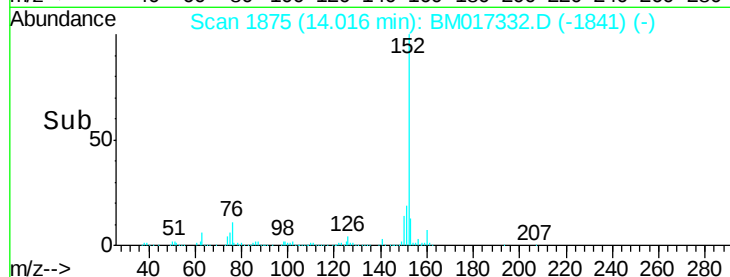
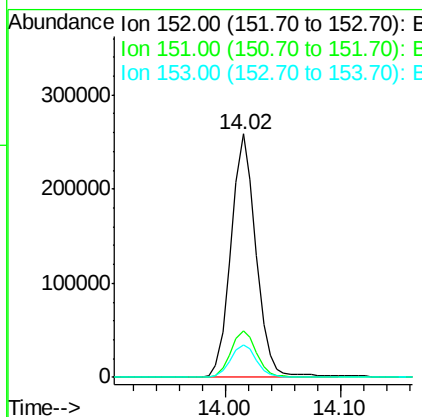
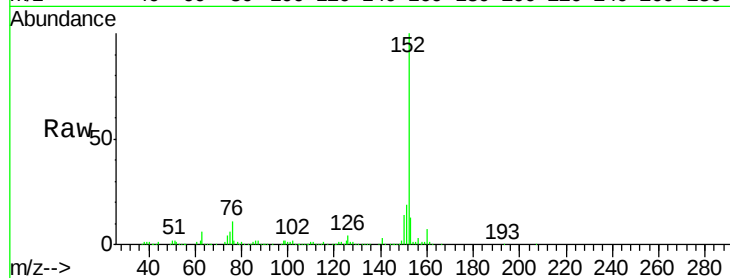
ClientSampleId :

C0AE7

Tgt Ion:	152	Resp:	390267
Ion Ratio		Lower	Upper
152	100		
151	19.0	15.3	22.9
153	13.4	10.2	15.4

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#70

Phenanthrene

Concen: 10.912 ng/ul

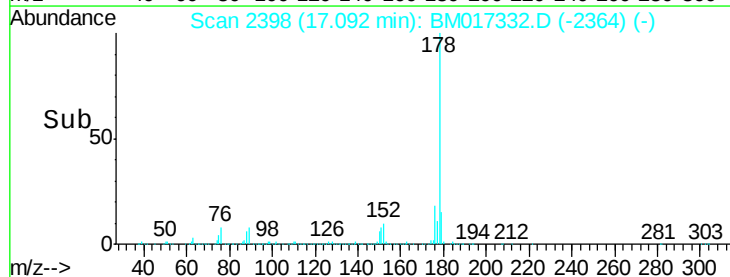
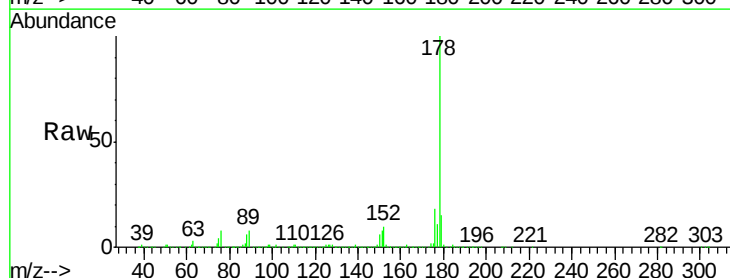
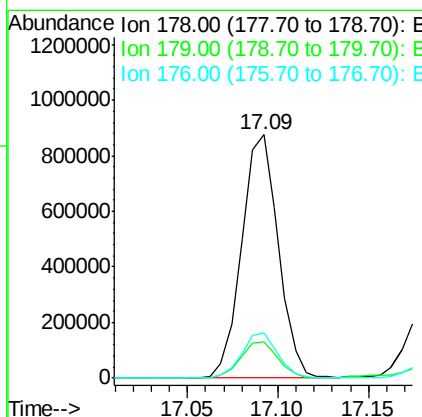
RT: 17.09 min Scan# 2398

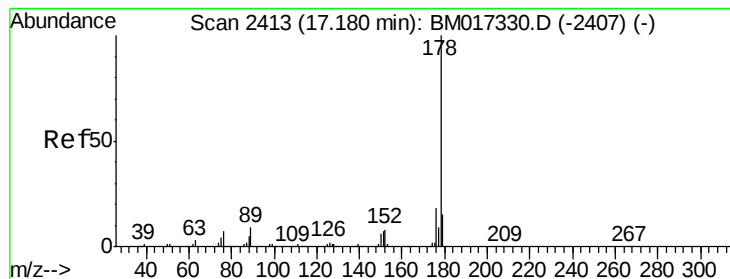
Delta R.T. 0.00 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Tgt Ion:	178	Resp:	1224738
Ion Ratio		Lower	Upper
178	100		
179	14.8	12.2	18.2
176	18.4	14.9	22.3





#72

Anthracene

Concen: 3.371 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. 0.00 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Instrument :

BNA_M

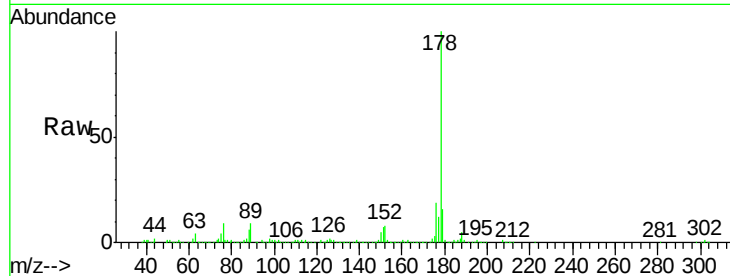
ClientSampleId :

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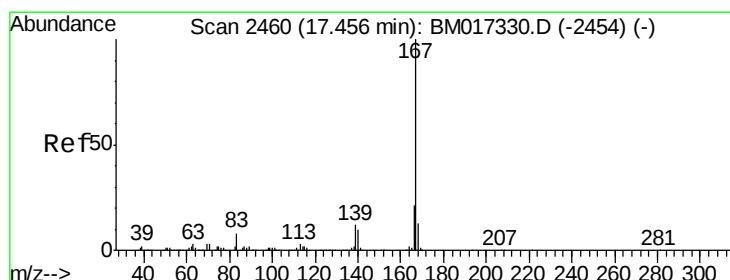
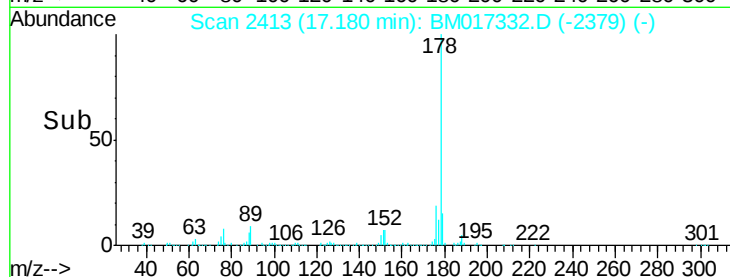
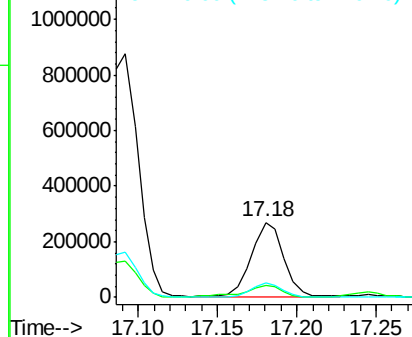
Tgt Ion:	178	Resp:	384299
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.2
176	18.7	14.2	21.2

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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



#75

Carbazole

Concen: 2.405 ng/ul

RT: 17.46 min Scan# 2460

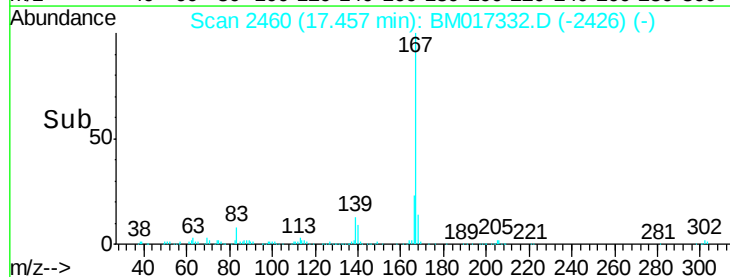
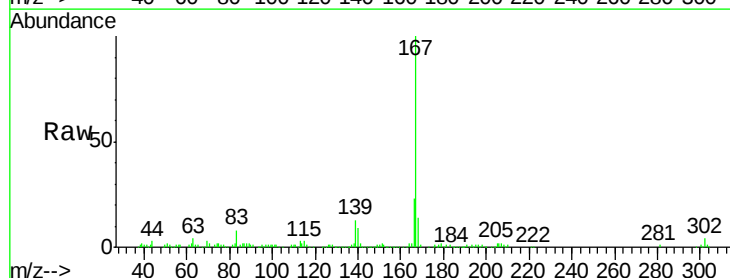
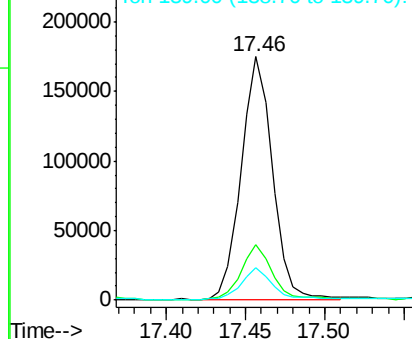
Delta R.T. 0.00 min

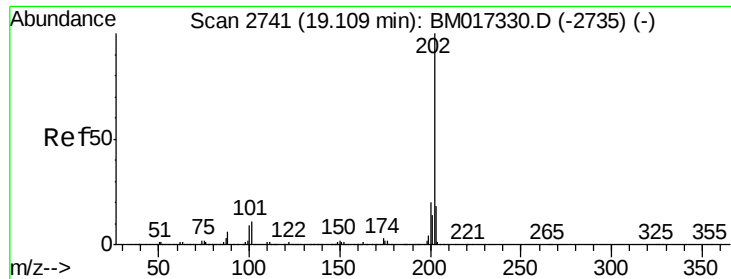
Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Tgt Ion:	167	Resp:	239714
Ion Ratio	Lower	Upper	
167	100		
166	23.0	17.5	26.3
139	13.1	10.0	15.0

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





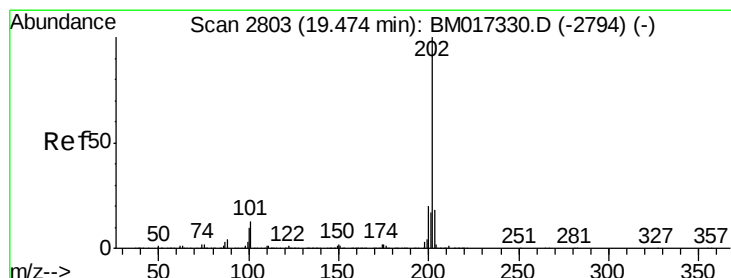
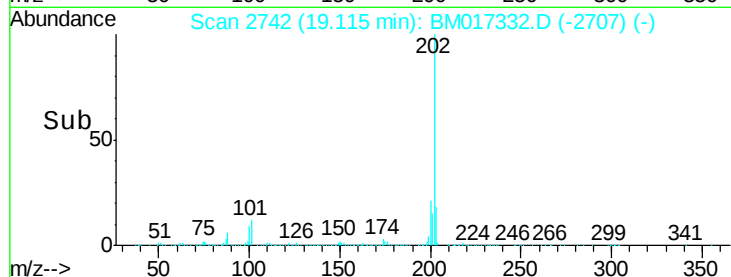
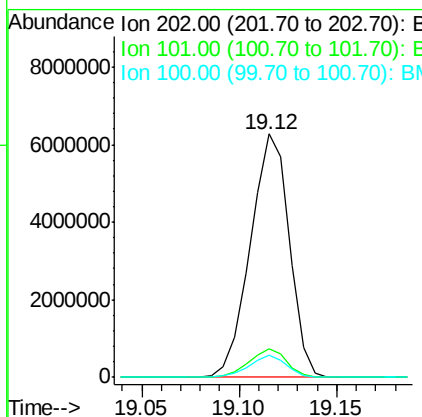
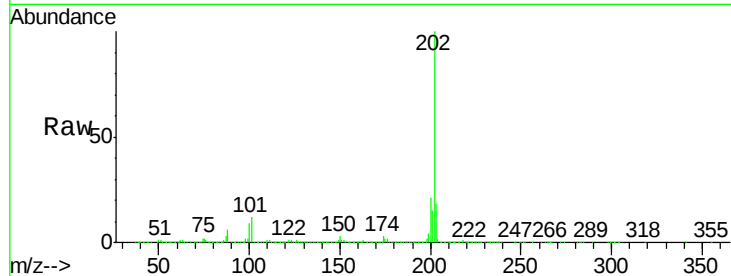
#77
Fluoranthene
 Concen: 67.241 ng/ul
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.01 min
 Lab File: BM017332.D
 Acq: 25 Oct 2018 00:08

Instrument :
 BNA_M
 ClientSampleId :
 C0AE7

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.2	12.4
100	9.0	6.3	9.5

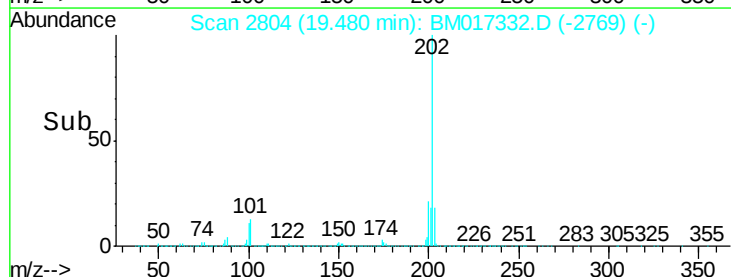
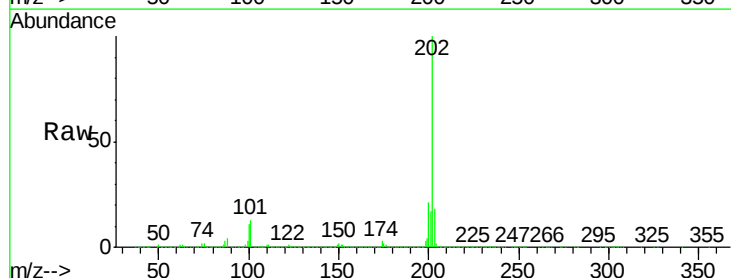
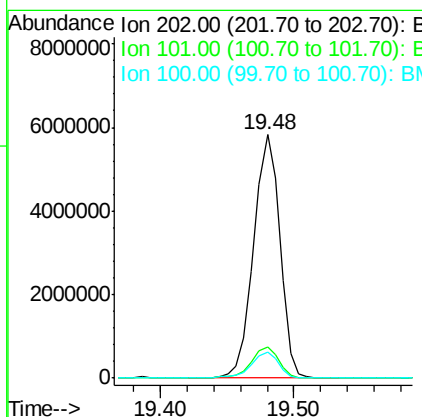
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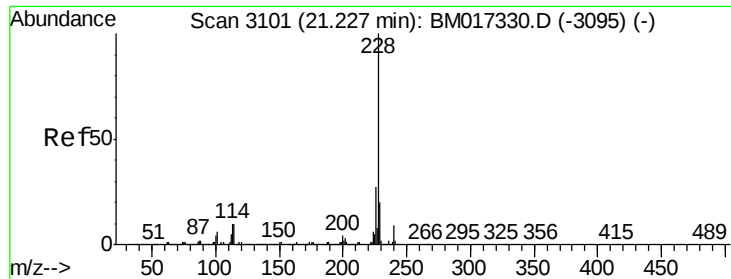
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#80
Pyrene
 Concen: 58.558 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BM017332.D
 Acq: 25 Oct 2018 00:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.5	14.3
100	10.8	8.1	12.1





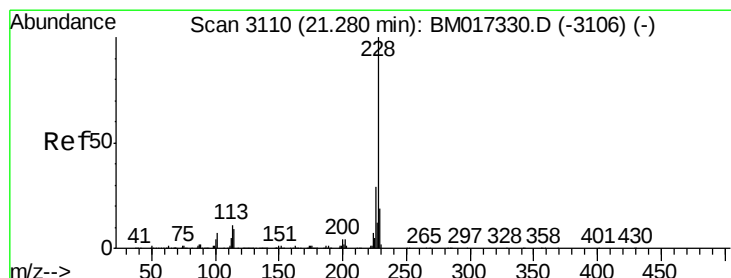
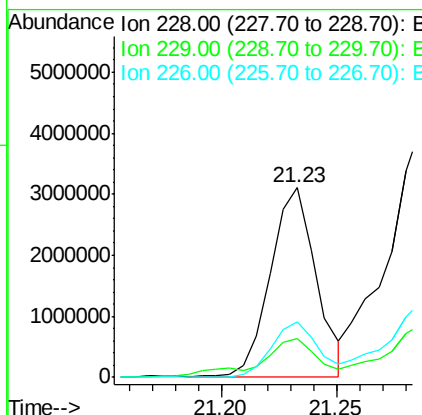
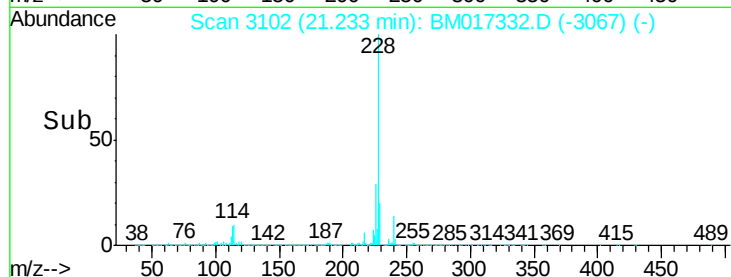
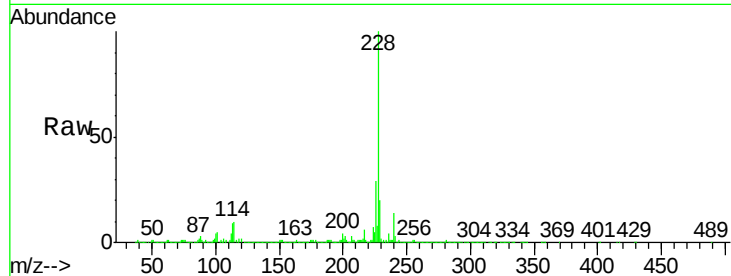
#83
Benzo(a)anthracene
Concen: 29.872 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM017332.D
Acq: 25 Oct 2018 00:08

Instrument :
BNA_M
ClientSampled :
C0AE7

Tgt Ion:228 Resp: 4231010
Ion Ratio Lower Upper
228 100
229 20.3 15.6 23.4
226 29.2 20.8 31.2

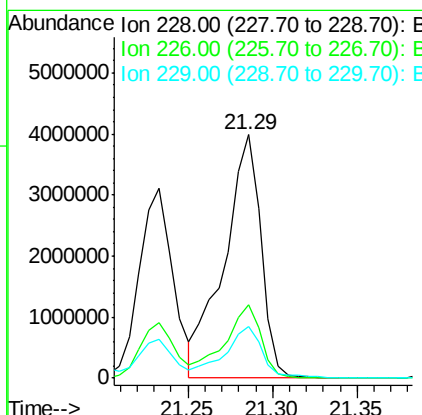
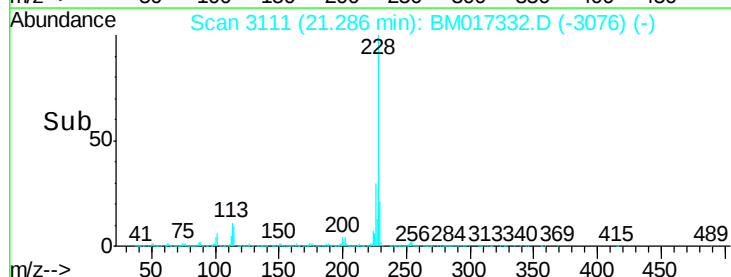
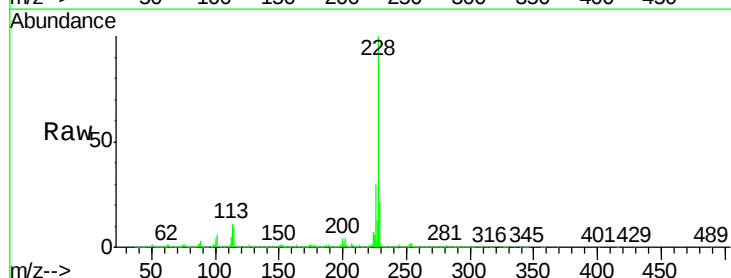
Manual Integrations
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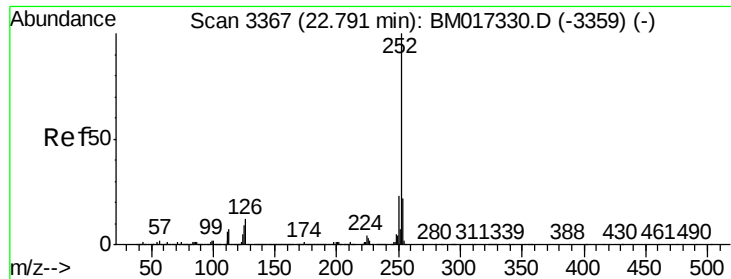
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#85
Chrysene
Concen: 44.610 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM017332.D
Acq: 25 Oct 2018 00:08

Tgt Ion:228 Resp: 6008277
Ion Ratio Lower Upper
228 100
226 30.2 23.3 34.9
229 21.2 15.6 23.4





#88

Benzo(b)fluoranthene

Concen: 59.661 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Instrument :

BNA_M

ClientSampleId :

C0AE7

Tgt Ion:252 Resp: 8432148

Ion Ratio Lower Upper

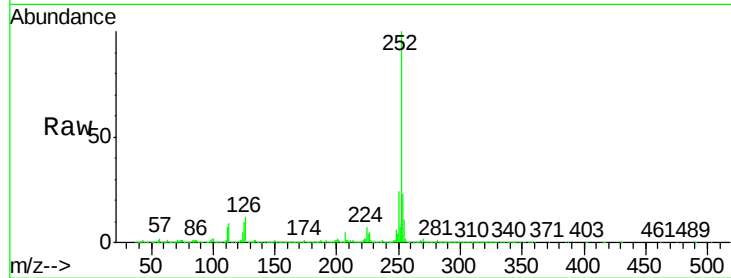
252 100

253 22.7 17.6 26.4

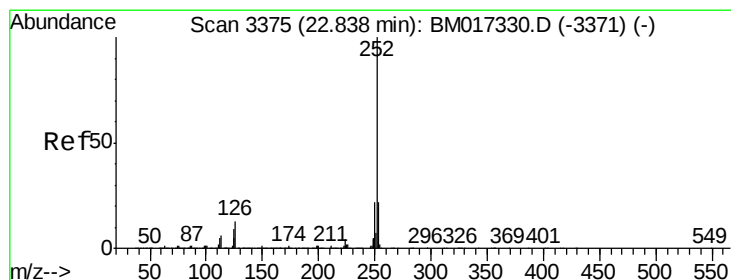
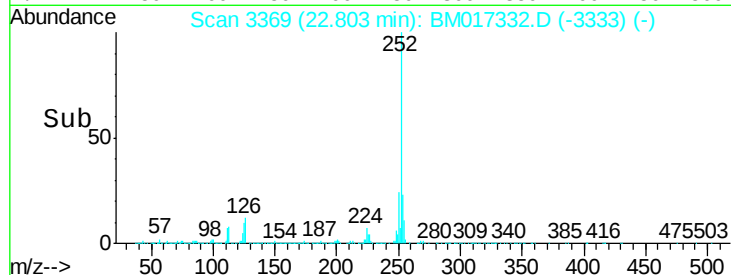
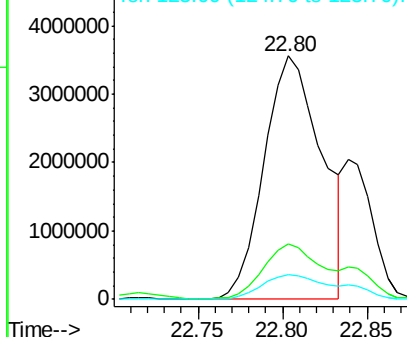
125 10.3 7.2 10.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 17.136 ng/ul m

RT: 22.84 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Tgt Ion:252 Resp: 2365731

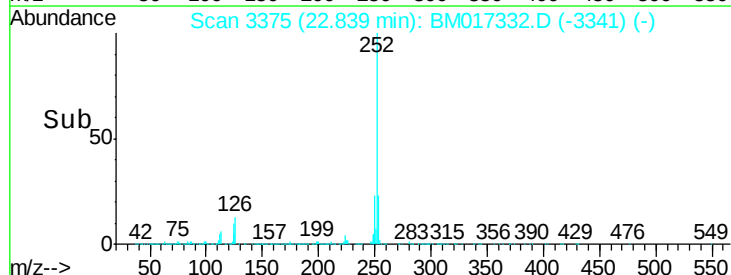
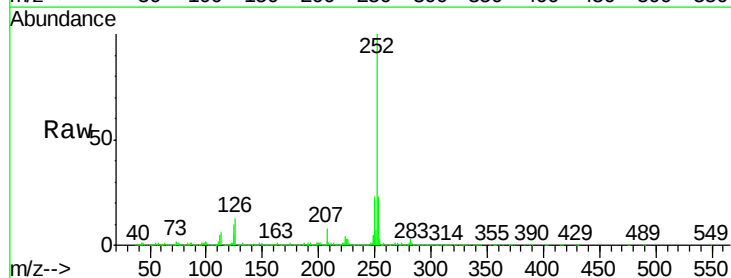
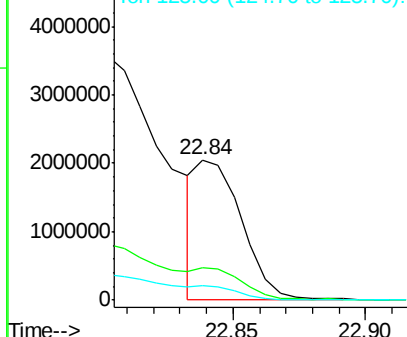
Ion Ratio Lower Upper

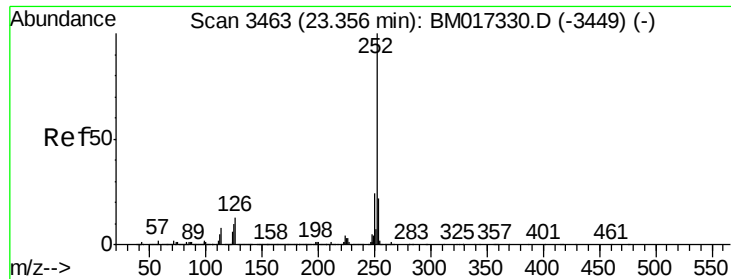
252 100

253 23.1 17.7 26.5

125 10.0 7.8 11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 21.359 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. 0.01 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Instrument :

BNA_M

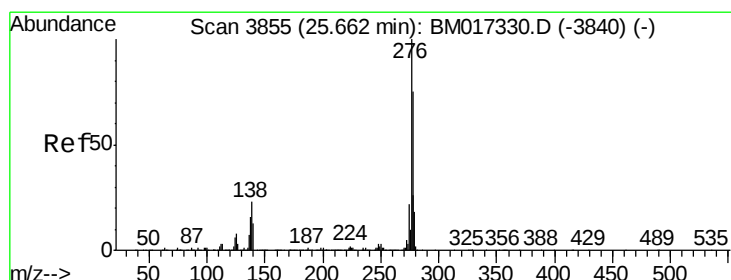
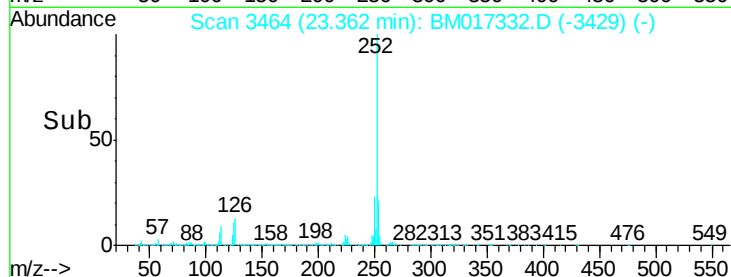
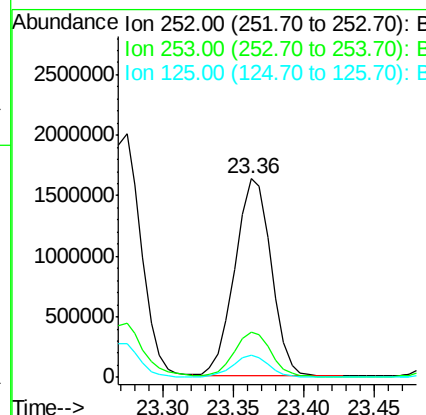
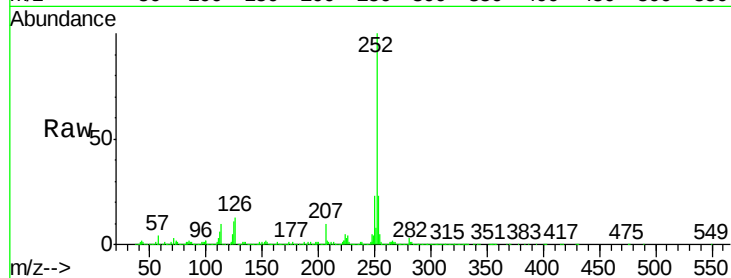
ClientSampleId :

C0AE7

Tgt Ion:	252	Resp:	2949121
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.6	26.4
125	10.9	8.3	12.5

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 13.019 ng/ul

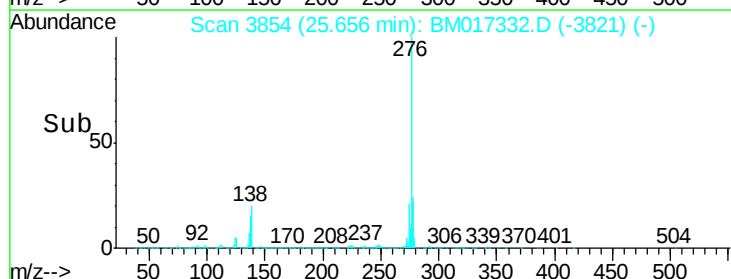
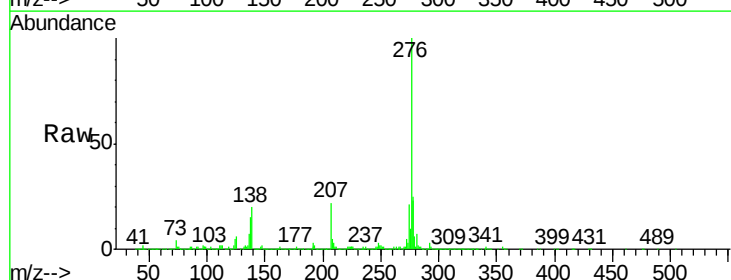
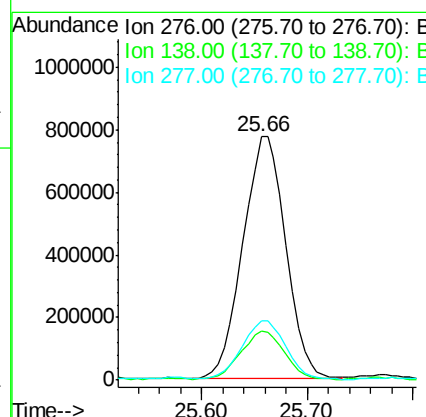
RT: 25.66 min Scan# 3854

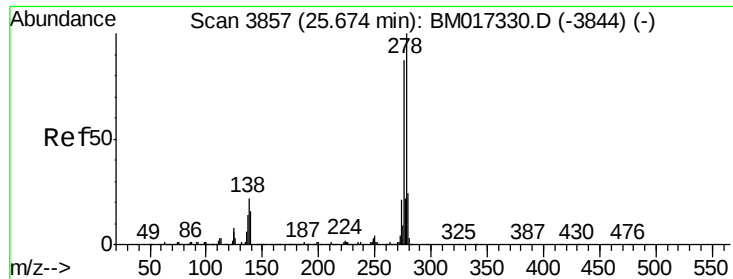
Delta R.T. -0.01 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Tgt Ion:	276	Resp:	2187164
Ion Ratio	Lower	Upper	
276	100		
138	20.0	18.1	27.1
277	24.6	19.6	29.4





#93

Dibenzo(a,h)anthracene

Concen: 4.345 ng/ul m

RT: 25.66 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Instrument :

BNA_M

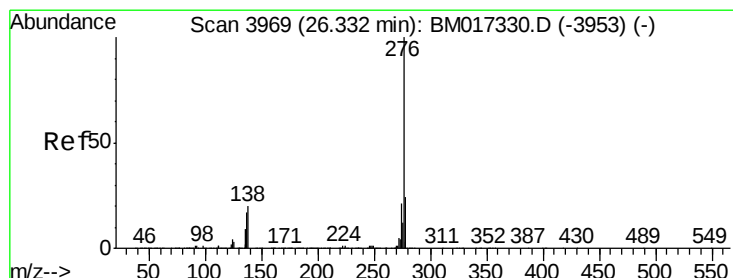
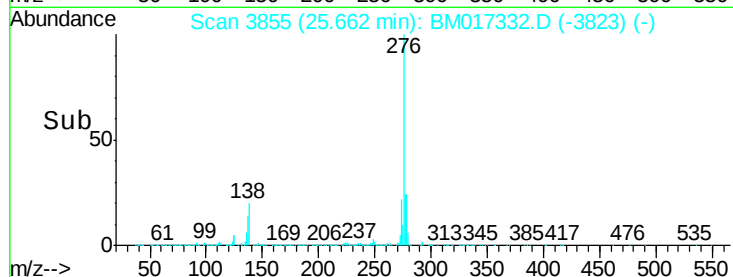
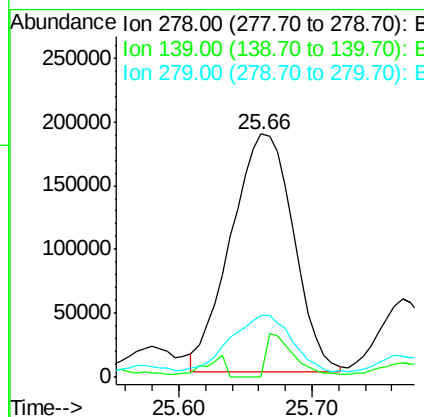
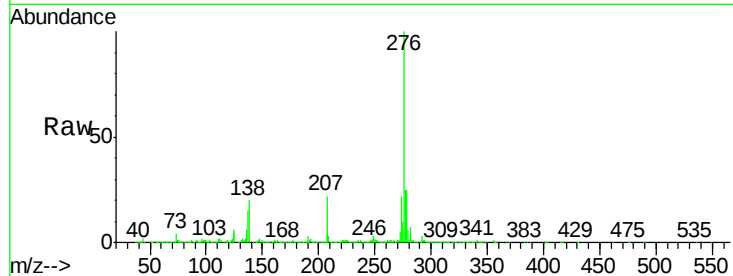
ClientSampleId :

C0AE7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	25.2	19.0	28.4

Manual Integrations
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#94

Benzo(g,h,i)perylene

Concen: 12.086 ng/ul

RT: 26.34 min Scan# 3970

Delta R.T. 0.01 min

Lab File: BM017332.D

Acq: 25 Oct 2018 00:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.6	25.0
277	23.5	18.9	28.3

