

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
 Data File : BM017327.D
 Acq On : 24 Oct 2018 21:06
 Operator : MJ/SJ
 Sample : J5598-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE6

Manual Integrations
 APPROVED

Sohil
 10/25/2018 3:34:08 PM

Quant Time: Oct 25 02:28:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 25 01:24:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	275892	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1273696	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	765876	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1829461	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2222687	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2474775	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	18185	3.03	ng/uL	0.00
5) Phenol-d5	6.84	99	405919	16.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	249139	16.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	332894	17.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	318751	16.00	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	165070	16.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	185484	16.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	330939	15.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	391226	23.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1117807	17.02	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1364149	17.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	116935	9.53	ng/ul	0.00
58) Fluorene-d10	15.30	176	994560	17.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	139666	10.96	ng/ul	0.00
71) Anthracene-d10	17.14	188	1569373	17.33	ng/ul	0.00
79) Pyrene-d10	19.44	212	1850206	17.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2344635	17.94	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.86	94	129168	5.162	ng/ul	99
28) Naphthalene	10.47	128	106273	1.595	ng/ul	99
45) Dimethylphthalate	13.76	163	261158	4.104	ng/ul	97
48) Acenaphthylene	14.02	152	122722	1.640	ng/ul	99
70) Phenanthrene	17.09	178	234224	2.230	ng/ul	99
72) Anthracene	17.18	178	193546	1.814	ng/ul	99
77) Fluoranthene	19.11	202	1199222	9.959	ng/ul	98
80) Pyrene	19.47	202	1522969	11.800	ng/ul	98
83) Benzo(a)anthracene	21.23	228	921089	6.772	ng/ul	96
85) Chrysene	21.28	228	1589327	12.288	ng/ul	99
88) Benzo(b)fluoranthene	22.80	252	3345632	23.095	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	916839m	6.479	ng/ul	
91) Benzo(a)pyrene	23.36	252	976031	6.897	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.66	276	1194708	6.938	ng/ul	97
93) Dibenzo(a,h)anthracene	25.66	278	311906	2.169	ng/ul#	85
94) Benzo(g,h,i)perylene	26.33	276	982836	6.719	ng/ul	99

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

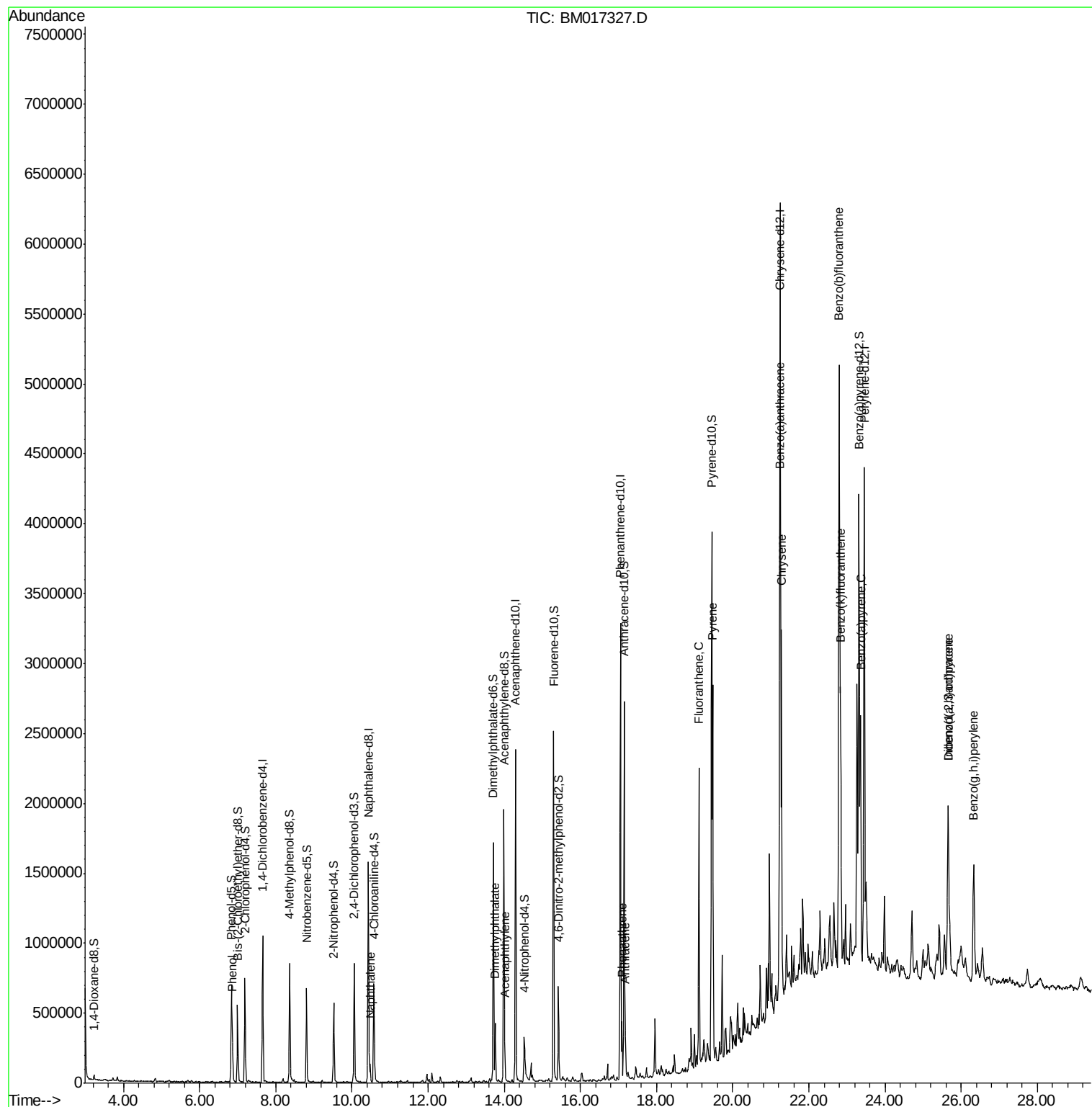
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102418\
Data File : BM017327.D
Acq On : 24 Oct 2018 21:06
Operator : MJ/SJ
Sample : J5598-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

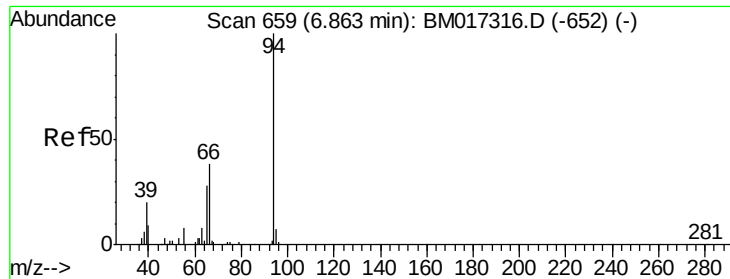
Instrument :
BNA_M
ClientSampleId :
C0AE6

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Quant Time: Oct 25 02:28:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 25 01:24:17 2018
Response via : Initial Calibration





#6

Phenol

Concen: 5.162 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM017327.D

Acq: 24 Oct 2018 21:06

Instrument :

BNA_M

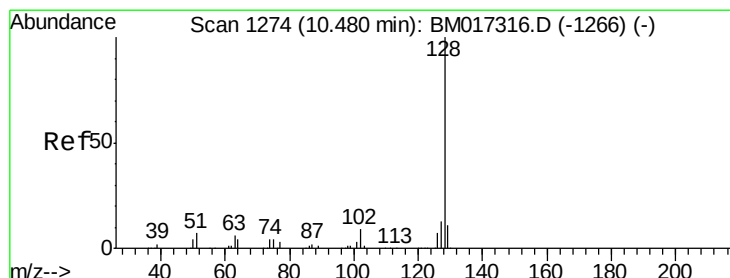
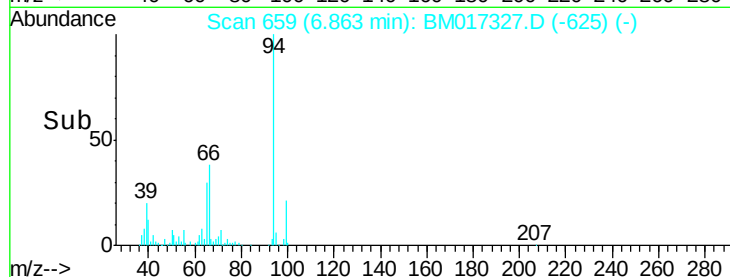
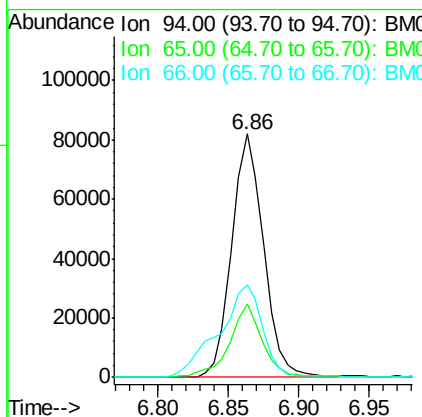
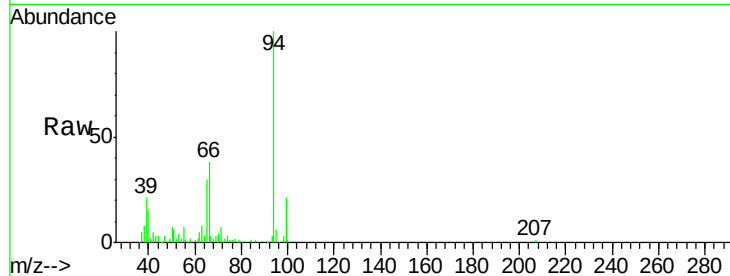
ClientSampleId :

C0AE6

Tgt Ion:	94	Resp:	129168
Ion Ratio		Lower	Upper
94	100		
65	30.1	24.0	36.0
66	38.3	31.1	46.7

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#28

Naphthalene

Concen: 1.595 ng/ul

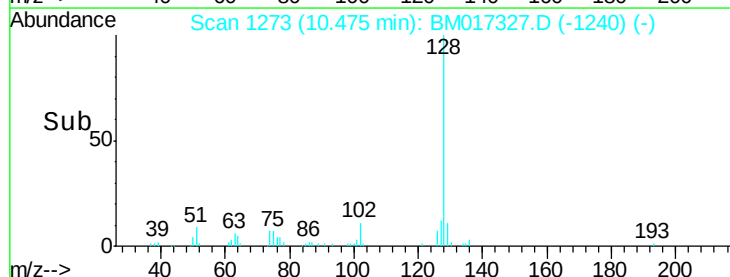
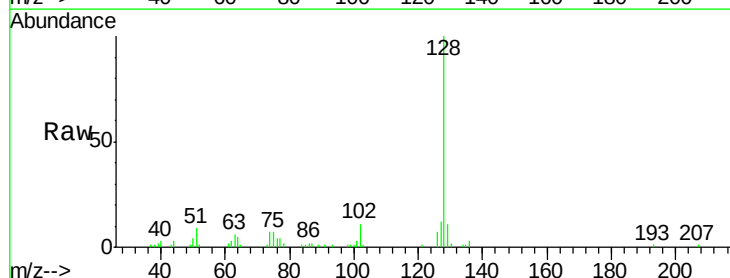
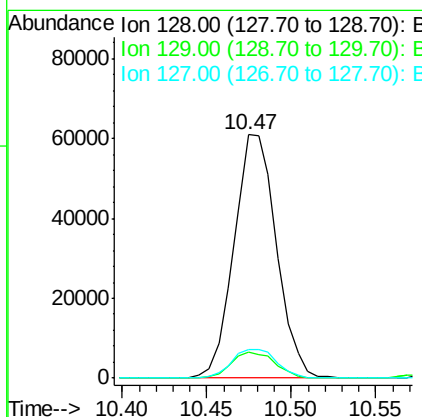
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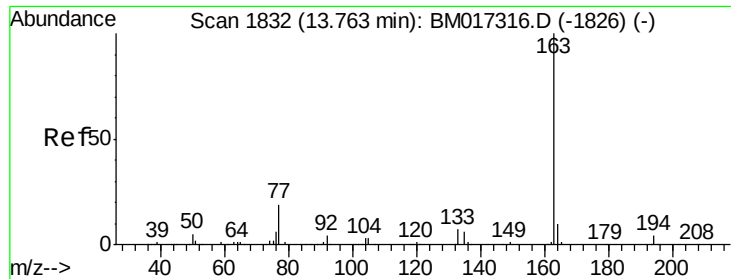
Delta R.T. -0.01 min

Lab File: BM017327.D

Acq: 24 Oct 2018 21:06

Tgt Ion:	128	Resp:	106273
Ion Ratio		Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.0	10.3	15.5





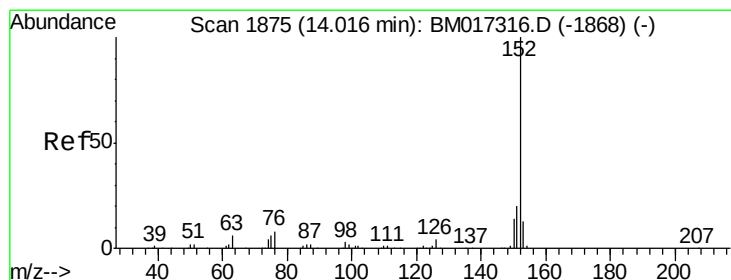
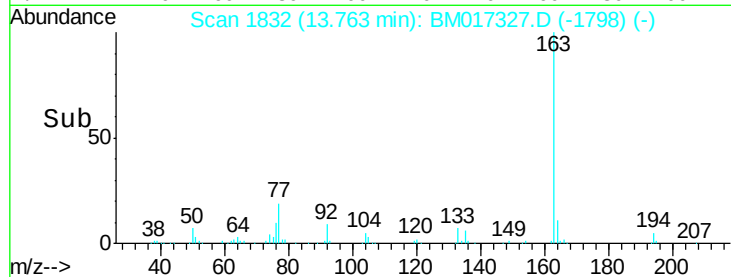
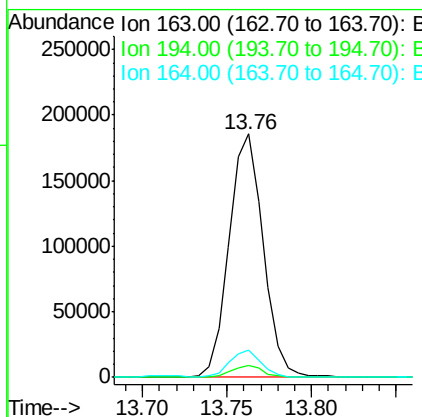
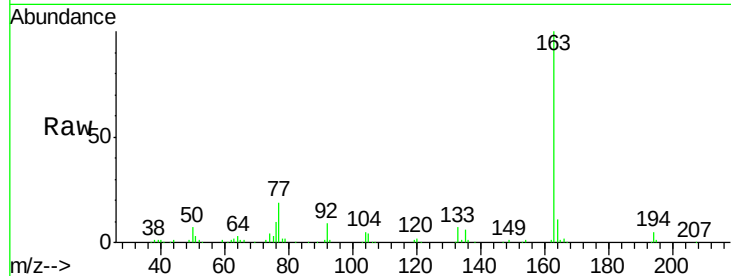
#45
Dimethylphthalate
Concen: 4.104 ng/ul
RT: 13.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Instrument :
BNA_M
ClientSampleID :
C0AE6

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	261158		
194	4.7	3.2	4.8	
164	11.3	8.1	12.1	

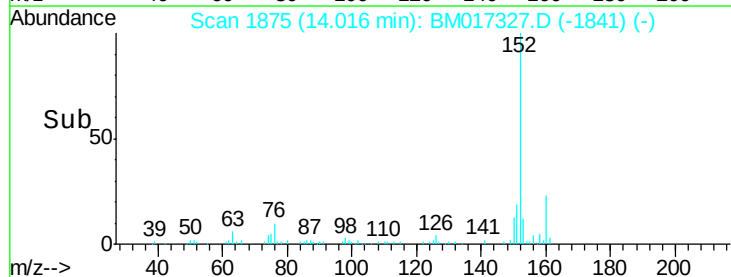
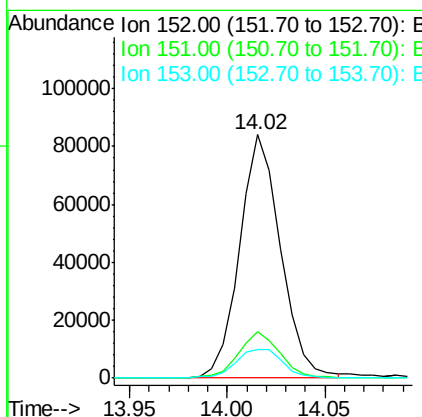
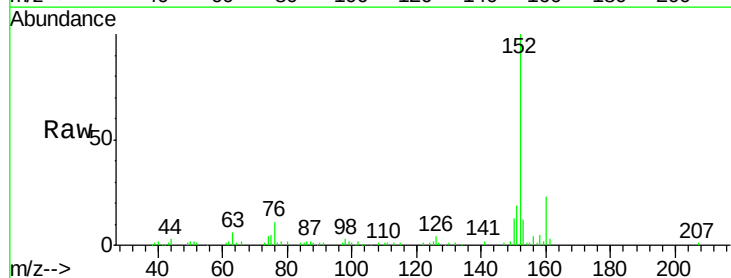
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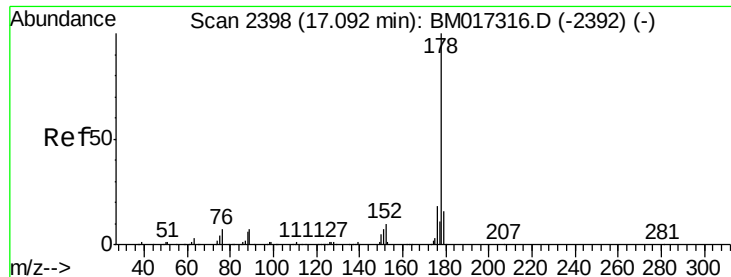
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#48
Acenaphthylene
Concen: 1.640 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	122722		
151	19.1	15.3	22.9	
153	11.9	10.2	15.4	





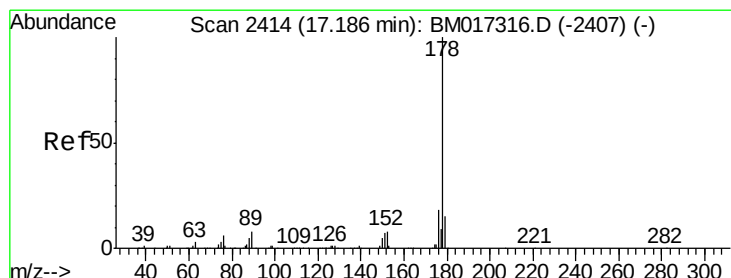
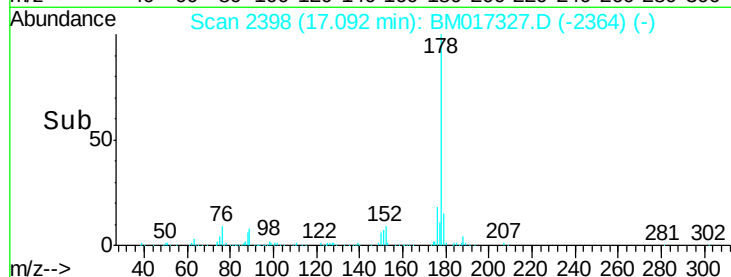
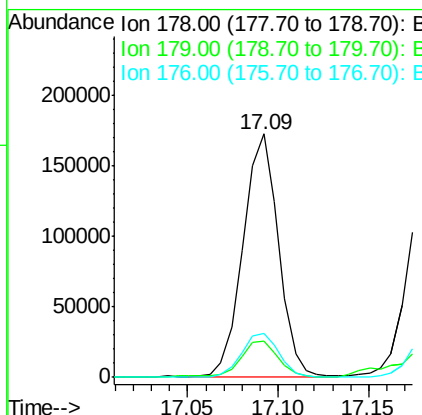
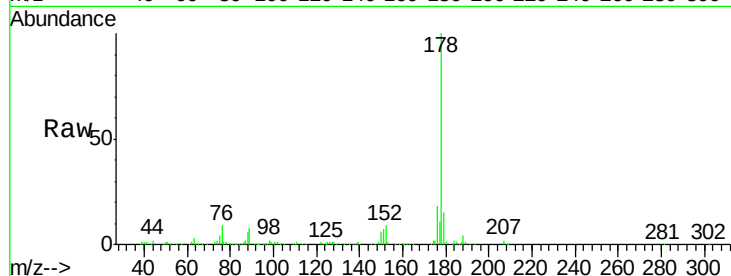
#70
Phenanthrene
Concen: 2.230 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Instrument :
BNA_M
ClientSampleId :
C0AE6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	17.9	14.9	22.3

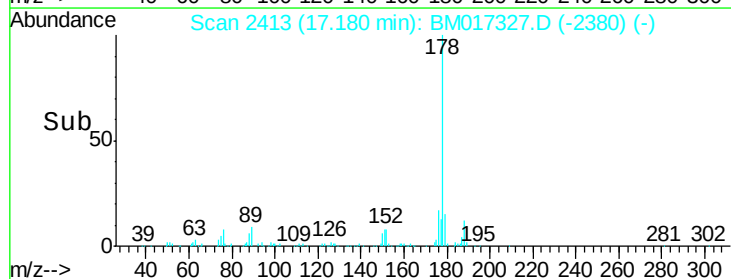
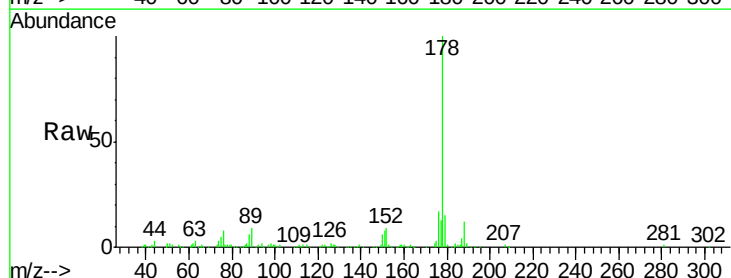
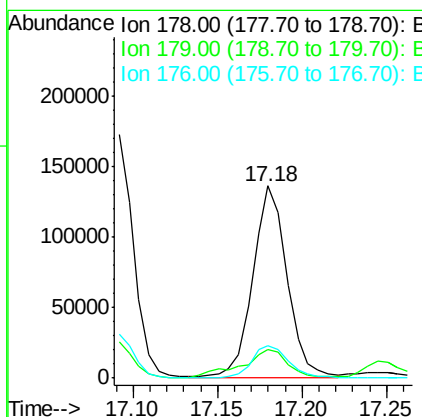
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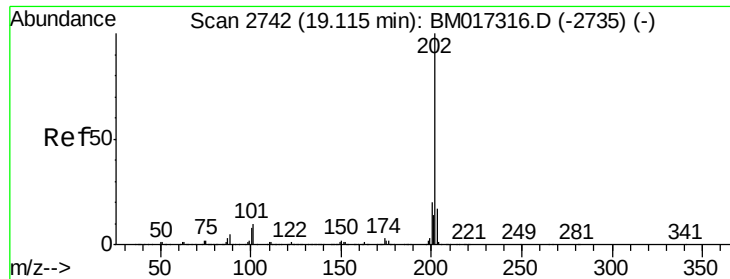
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#72
Anthracene
Concen: 1.814 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	17.2	14.2	21.2





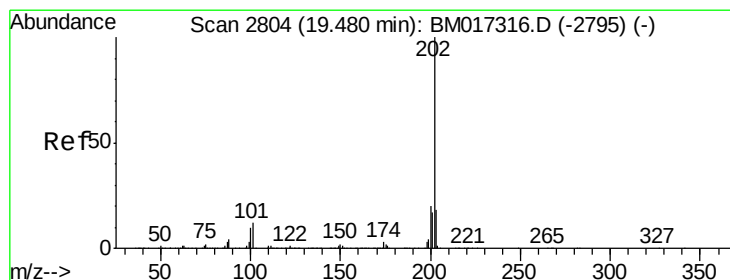
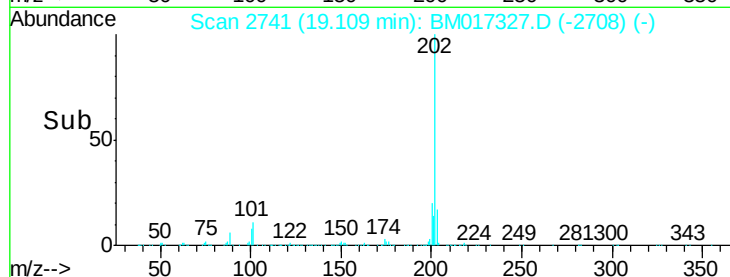
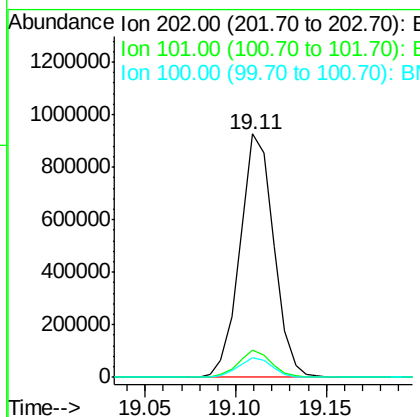
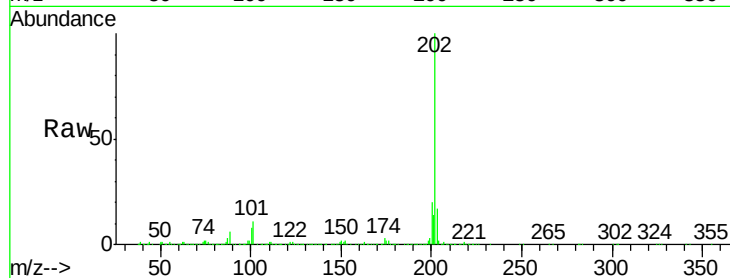
#77
 Fluoranthene
 Concen: 9.959 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.01 min
 Lab File: BM017327.D
 Acq: 24 Oct 2018 21:06

Instrument :
 BNA_M
 ClientSampleId :
 C0AE6

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1199222		
101	11.4		8.2	12.4
100	8.0		6.3	9.5

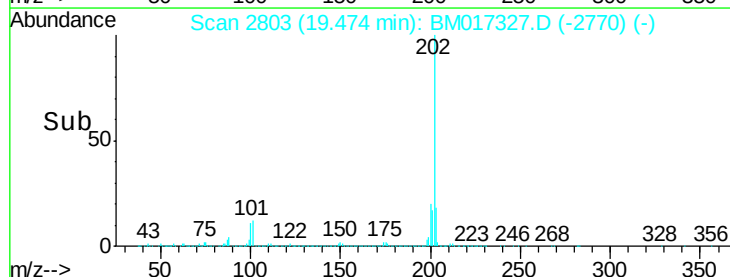
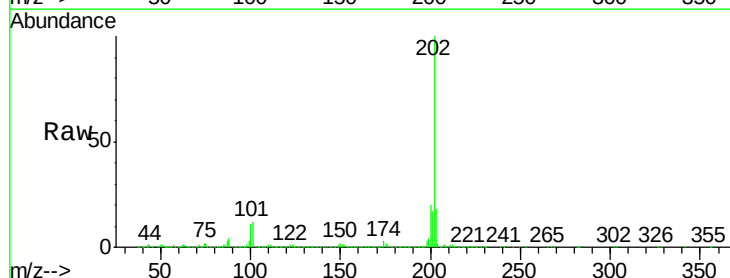
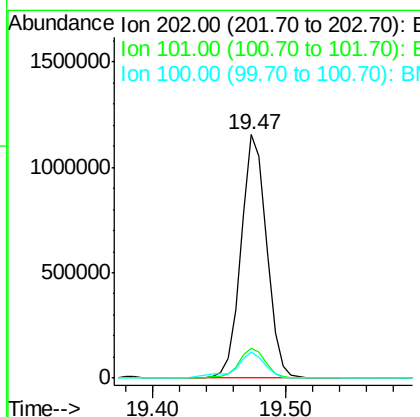
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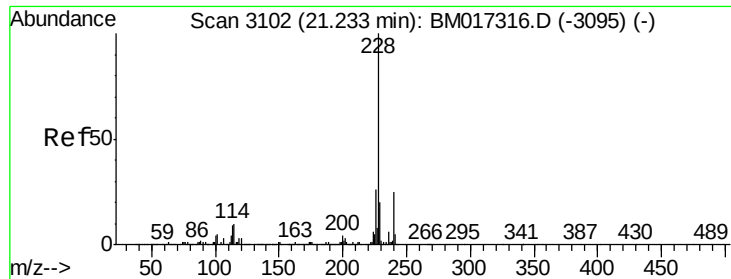
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#80
 Pyrene
 Concen: 11.800 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. -0.01 min
 Lab File: BM017327.D
 Acq: 24 Oct 2018 21:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1522969		
101	12.5		9.5	14.3
100	10.7		8.1	12.1





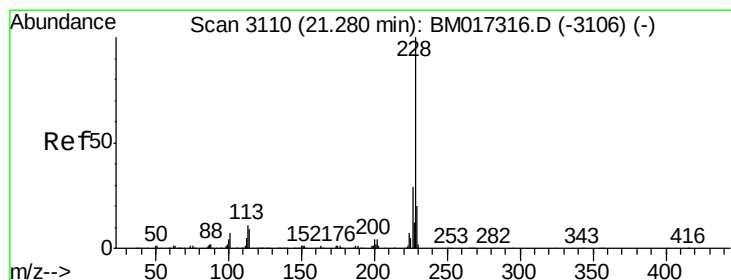
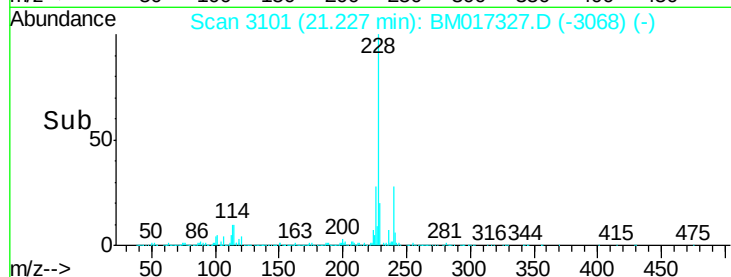
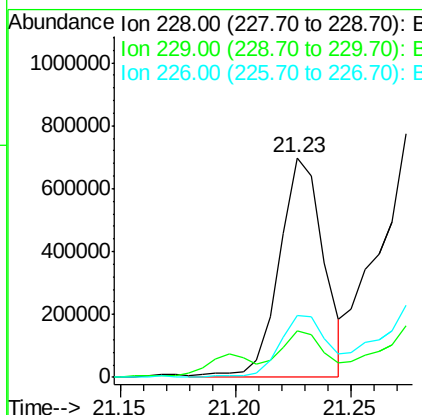
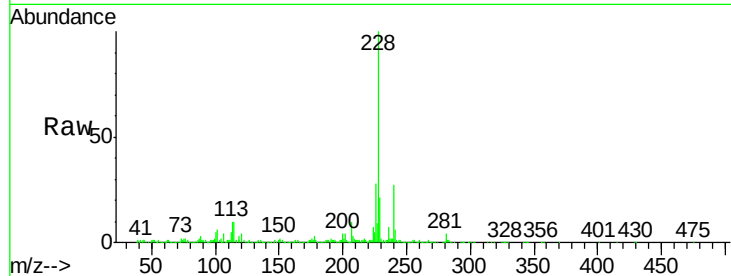
#83
Benzo(a)anthracene
Concen: 6.772 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Instrument :
BNA_M
ClientSampleId :
C0AE6

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.6	23.4
226	28.2	20.8	31.2

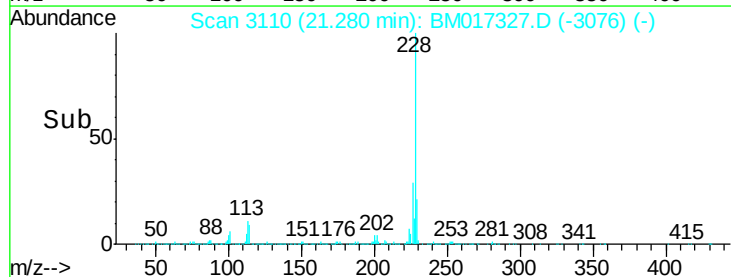
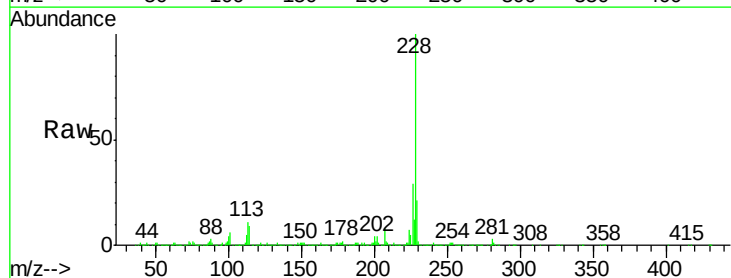
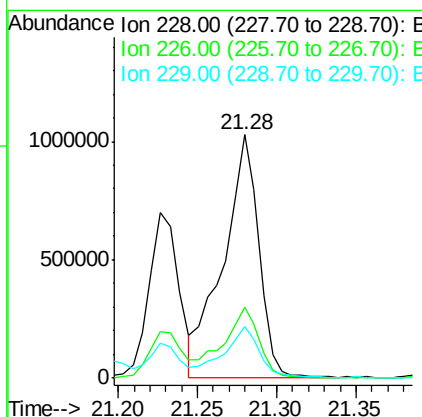
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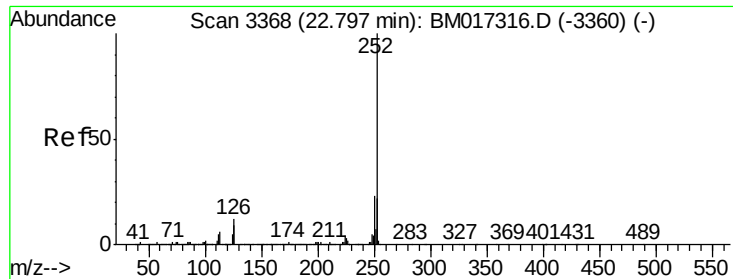
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#85
Chrysene
Concen: 12.288 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	21.1	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 23.095 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM017327.D

Acq: 24 Oct 2018 21:06

Instrument :

BNA_M

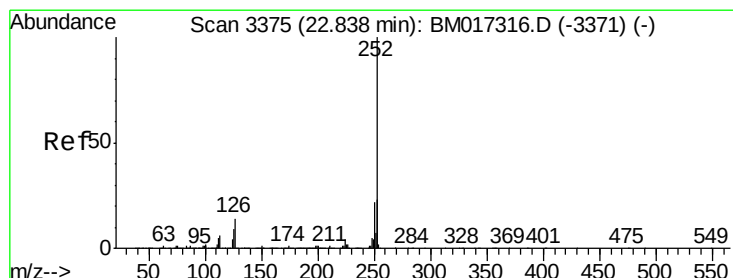
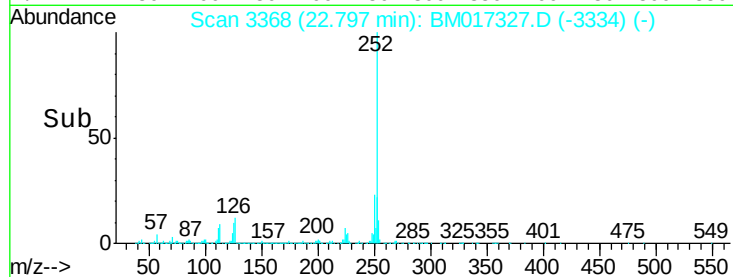
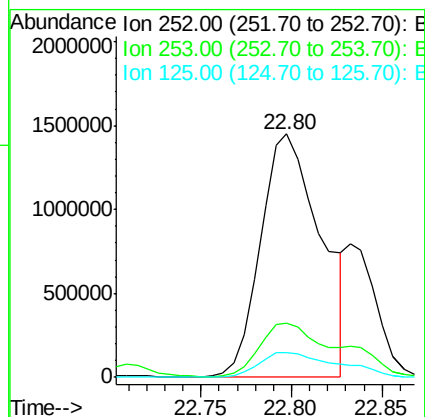
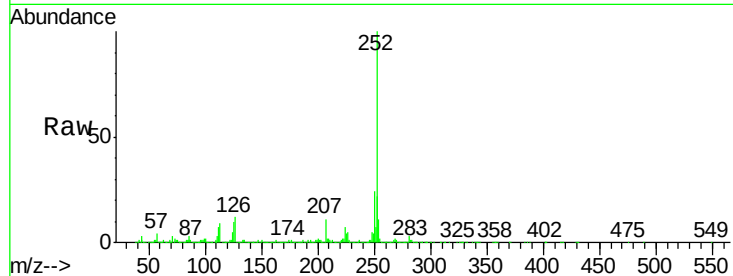
ClientSampleId :

C0AE6

Tgt Ion:	252	Resp:	3345632
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	10.3	7.2	10.8

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 6.479 ng/ul m

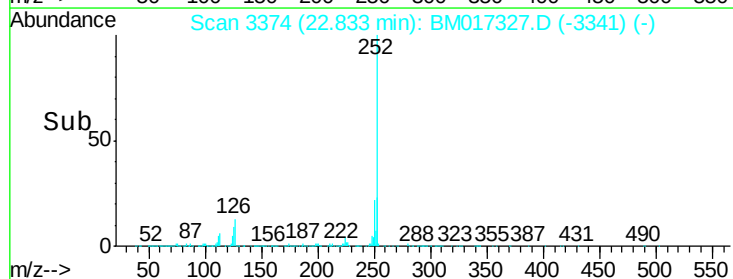
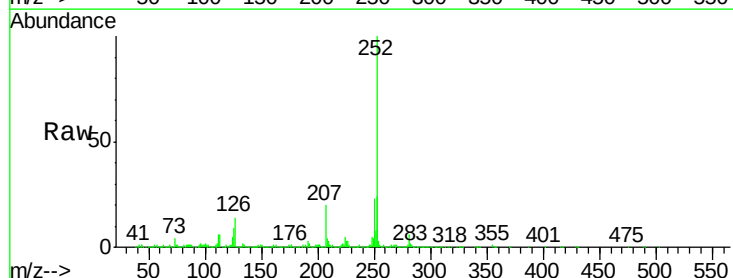
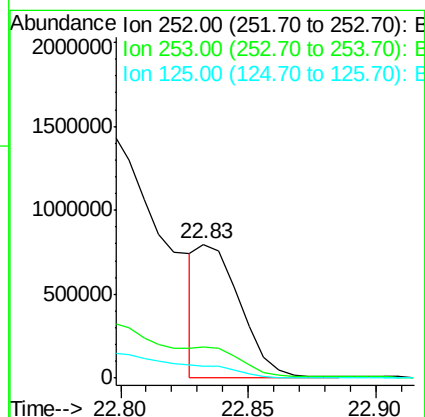
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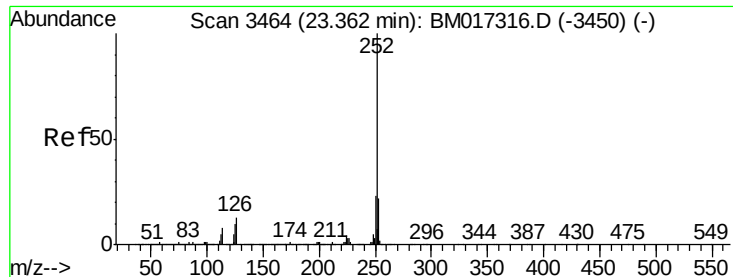
Delta R.T. -0.01 min

Lab File: BM017327.D

Acq: 24 Oct 2018 21:06

Tgt Ion:	252	Resp:	916839
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	9.4	7.8	11.6





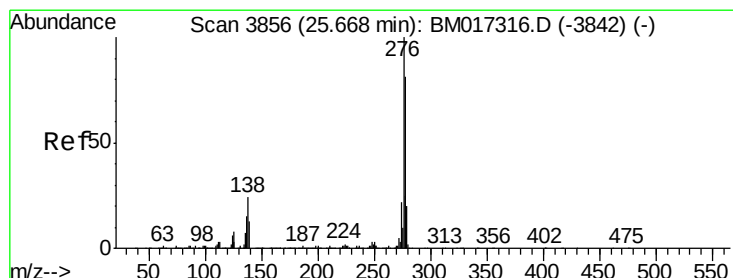
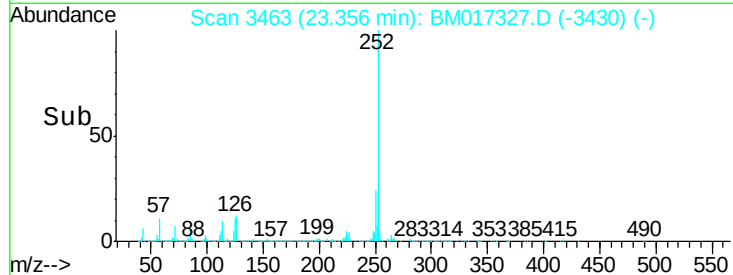
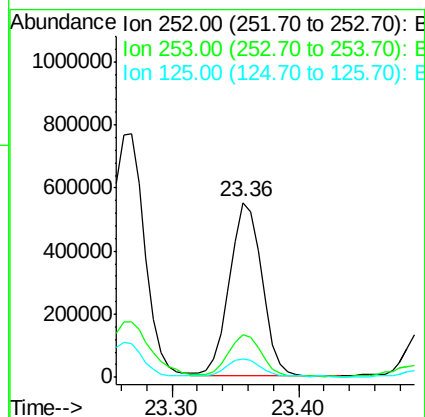
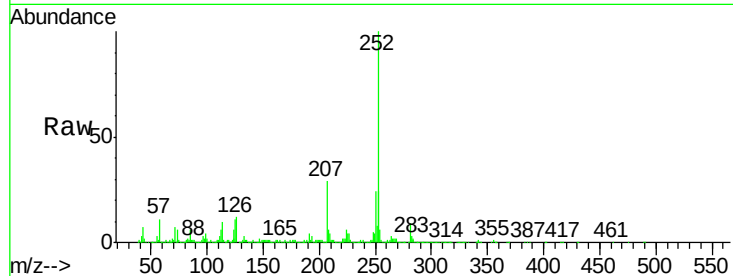
#91
Benzo(a)pyrene
Concen: 6.897 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Instrument :
BNA_M
ClientSampled :
C0AE6

Tgt Ion:	252	Resp:	976031
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.6	26.4
125	10.9	8.3	12.5

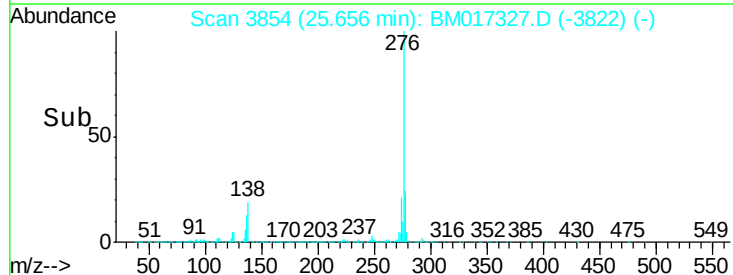
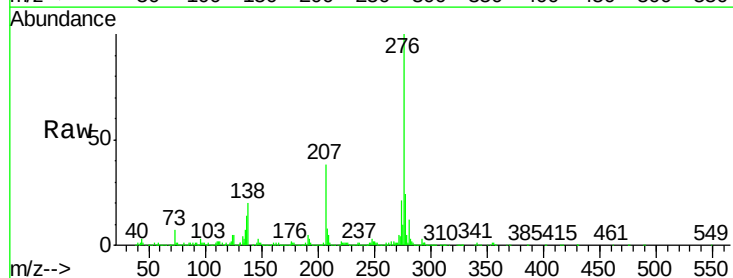
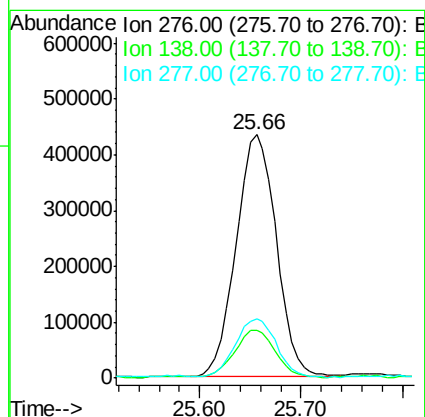
Manual Integrations
APPROVED

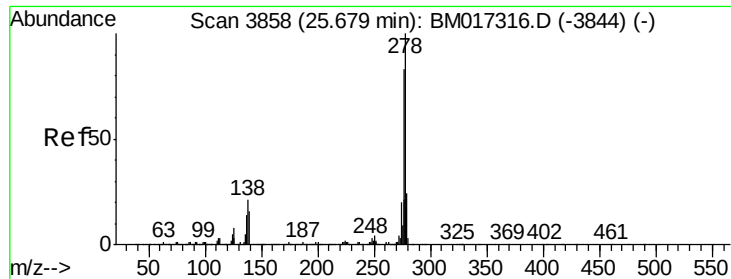
Sohil
10/25/2018 3:34:08 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 6.938 ng/ul
RT: 25.66 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Tgt Ion:	276	Resp:	1194708
Ion Ratio	Lower	Upper	
276	100		
138	19.5	18.1	27.1
277	24.2	19.6	29.4





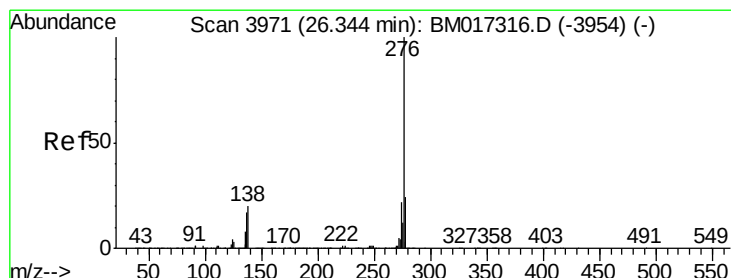
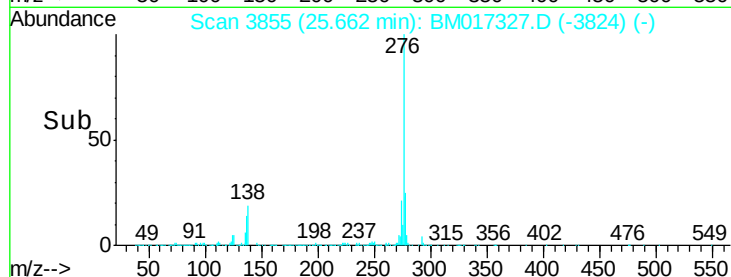
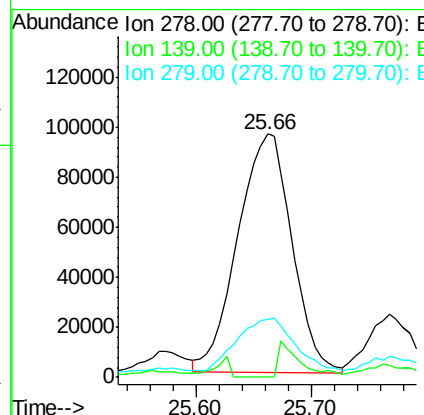
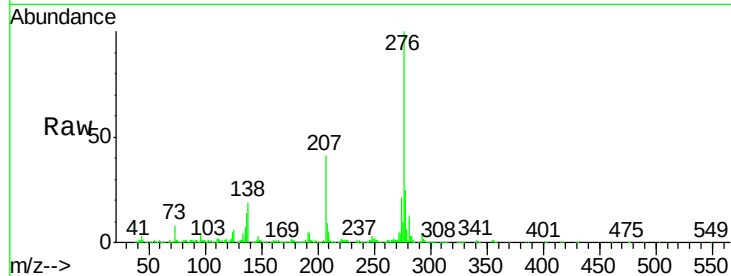
#93
Dibenzo(a,h)anthracene
Concen: 2.169 ng/ul
RT: 25.66 min Scan# 3855
Delta R.T. -0.02 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Instrument :
BNA_M
ClientSampleId :
C0AE6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	23.8	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/25/2018 3:34:08 PM



#94
Benzo(g,h,i)perylene
Concen: 6.719 ng/ul
RT: 26.33 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BM017327.D
Acq: 24 Oct 2018 21:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.6	25.0
277	23.4	18.9	28.3

