

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
 Data File : BM017346.D
 Acq On : 25 Oct 2018 16:23
 Operator : MJ/SJ
 Sample : J5598-08DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0AD9DL

Manual Integrations
 APPROVED

Sohil
 10/26/2018 3:48:39 PM

Quant Time: Oct 26 01:42:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 26 01:13:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	311121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1492951	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	901576	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2127836	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	2458536	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2475664	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9644	1.43	ng/uL	0.00
5) Phenol-d5	6.83	99	235566	8.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	141216	8.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	191330	8.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	175460	7.81	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	96127	8.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	109531	8.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	196688	8.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	201652	10.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	656794	8.49	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	806721	8.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	86576m	5.99	ng/ul	0.02
58) Fluorene-d10	15.29	176	588105	8.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	91518	6.17	ng/ul	0.00
71) Anthracene-d10	17.14	188	922919	8.76	ng/ul	0.00
79) Pyrene-d10	19.45	212	1091247	9.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1197637	9.16	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.86	94	72237	2.560	ng/ul 97
28) Naphthalene	10.47	128	290159	3.715	ng/ul 99
45) Dimethylphthalate	13.76	163	152762	2.039	ng/ul 97
48) Acenaphthylene	14.02	152	284911	3.234	ng/ul 100
54) Dibenzofuran	14.70	168	142975	1.600	ng/ul 96
70) Phenanthrene	17.09	178	710209	5.812	ng/ul 98
72) Anthracene	17.18	178	605987	4.883	ng/ul 99
75) Carbazole	17.46	167	173040	1.595	ng/ul 100
77) Fluoranthene	19.12	202	4222639	30.149	ng/ul 99
80) Pyrene	19.48	202	4742719	33.220	ng/ul 99
83) Benzo(a)anthracene	21.23	228	3042599	20.223	ng/ul 95
85) Chrysene	21.28	228	3561359	24.894	ng/ul 98
88) Benzo(b)fluoranthene	22.80	252	7327294	50.563	ng/ul 98
89) Benzo(k)fluoranthene	22.84	252	2044963m	14.447	ng/ul
91) Benzo(a)pyrene	23.36	252	2474332	17.477	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.66	276	1957564	11.364	ng/ul 97
93) Dibenzo(a,h)anthracene	25.67	278	529021	3.678	ng/ul# 85
94) Benzo(g,h,i)perylene	26.34	276	1339374	9.153	ng/ul 99

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

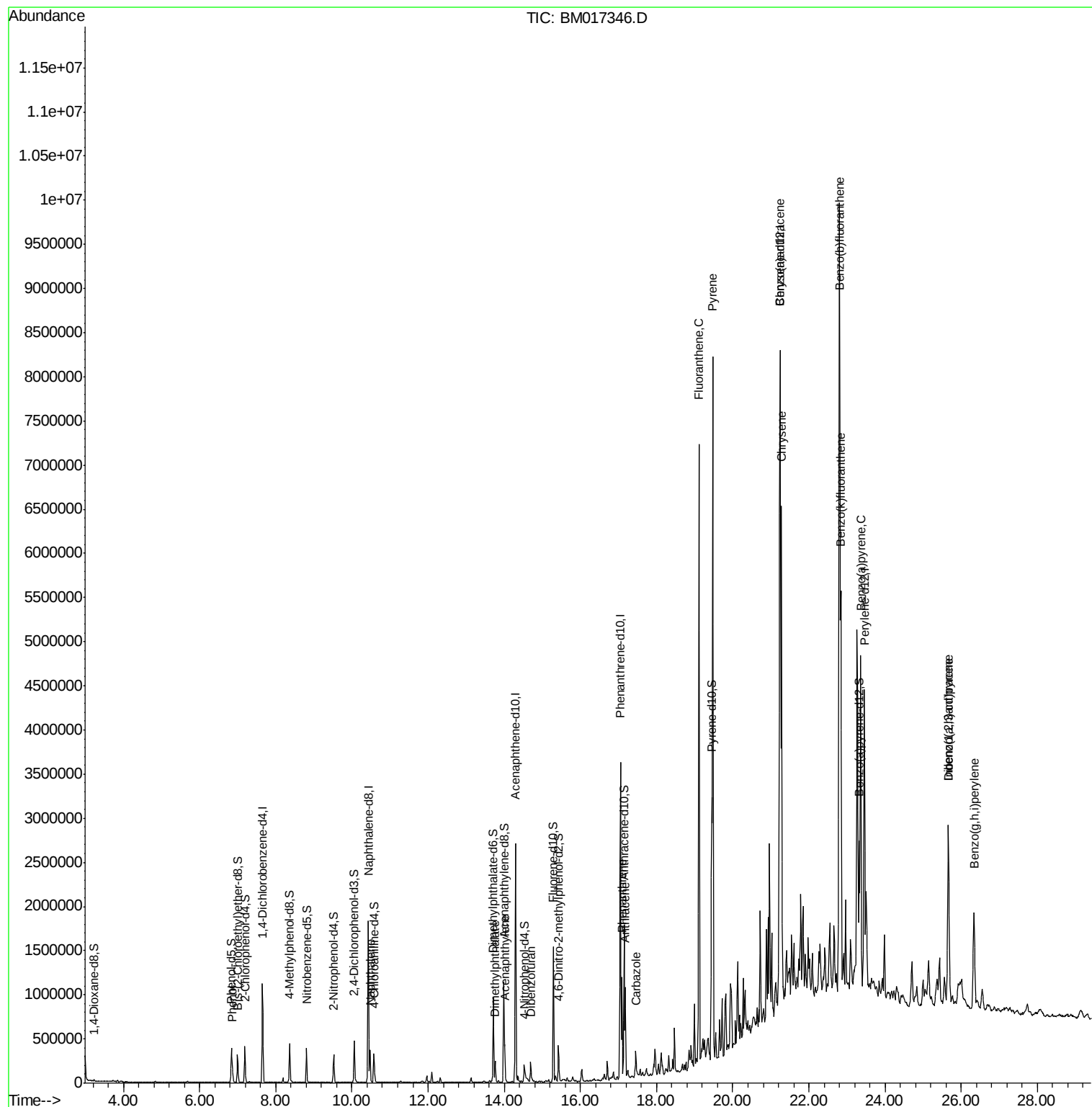
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102518\
Data File : BM017346.D
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ALS Vial : 6 Sample Multiplier: 1

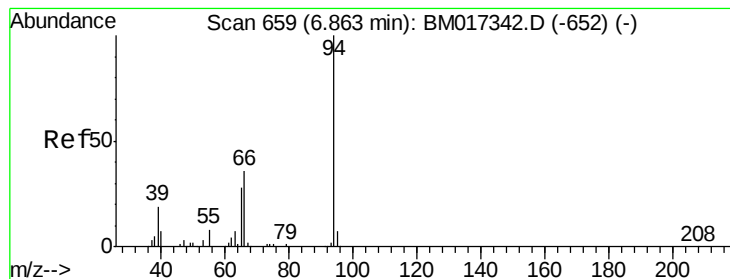
Instrument :
BNA_M
ClientSampleId :
C0AD9DL

Quant Time: Oct 26 01:42:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

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#6

Phenol

Concen: 2.560 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Instrument :

BNA_M

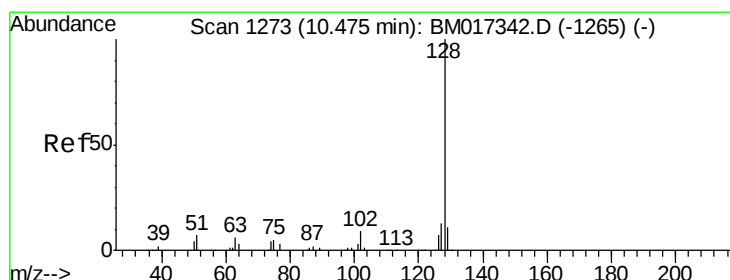
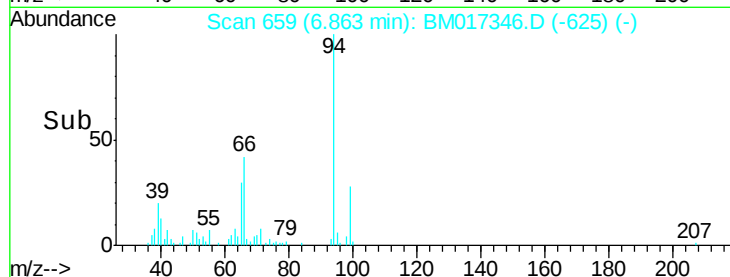
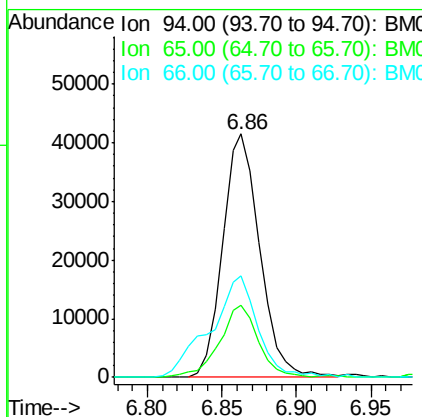
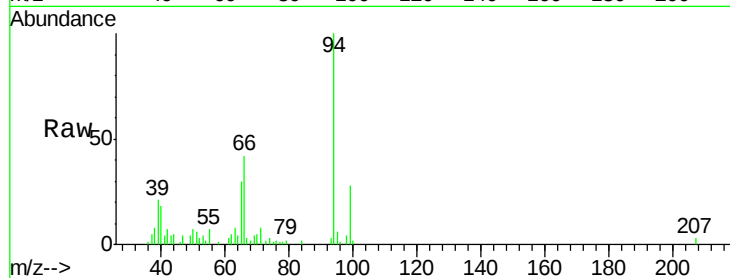
ClientSampleId :

C0AD9DL

Tgt Ion:	94	Resp:	72237
Ion Ratio	Lower	Upper	
94	100		
65	29.7	24.0	36.0
66	41.7	31.1	46.7

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#28

Naphthalene

Concen: 3.715 ng/ul

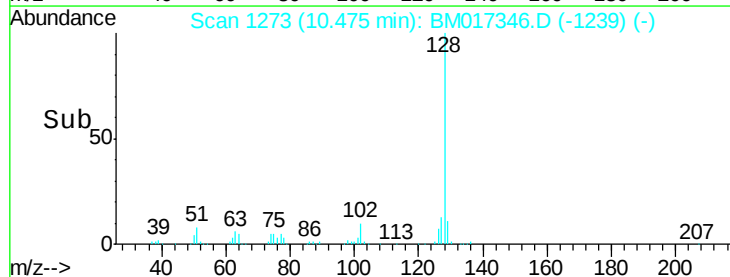
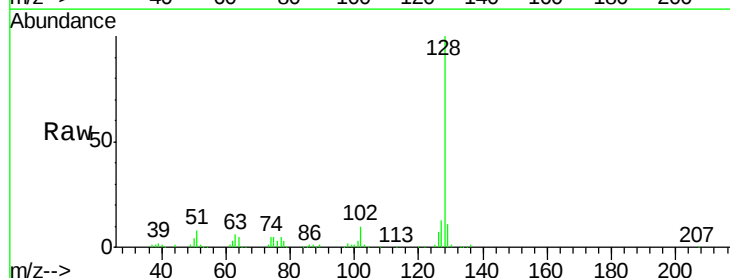
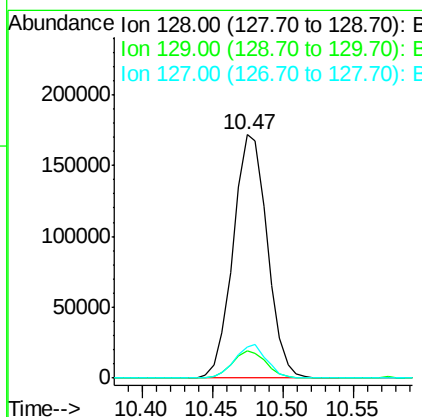
RT: 10.47 min Scan# 1273

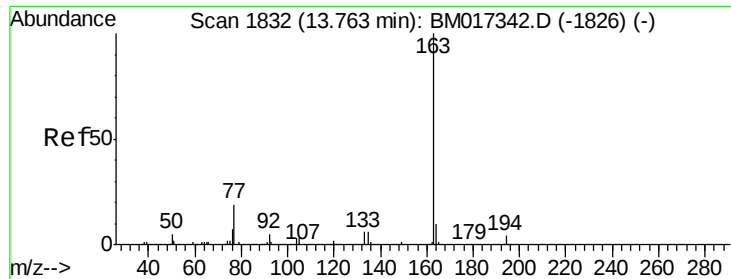
Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Tgt Ion:	128	Resp:	290159
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.6	12.8
127	12.8	10.3	15.5





#45

Dimethylphthalate

Concen: 2.039 ng/ul

RT: 13.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Instrument :

BNA_M

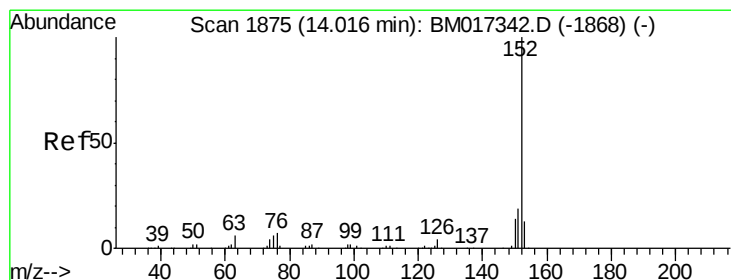
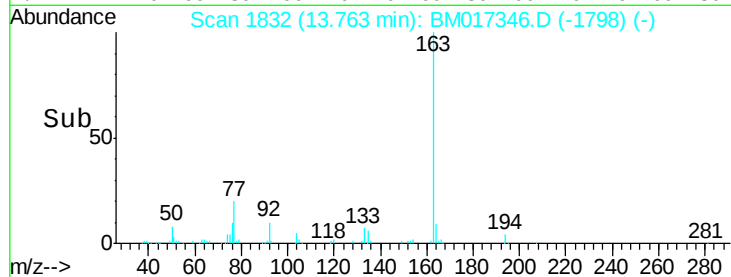
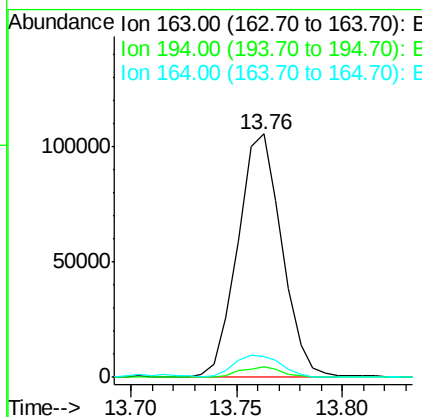
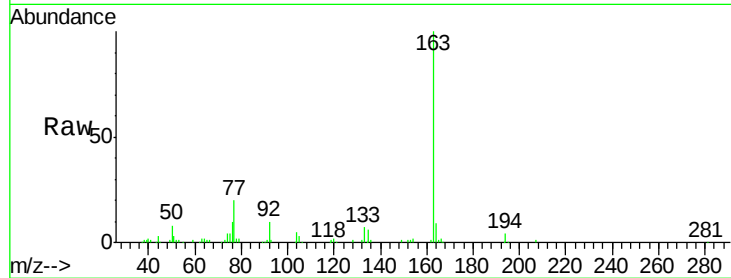
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Tgt Ion:	163	Resp:	152762
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.2	4.8
164	8.7	8.1	12.1

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#48

Acenaphthylene

Concen: 3.234 ng/ul

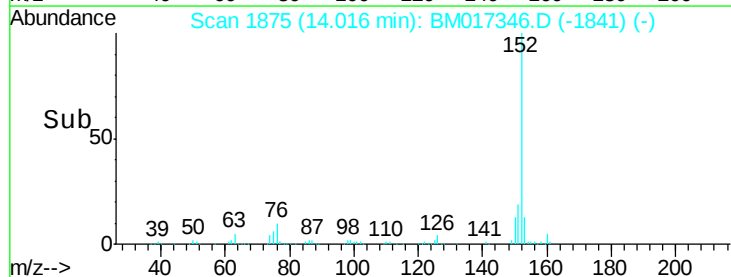
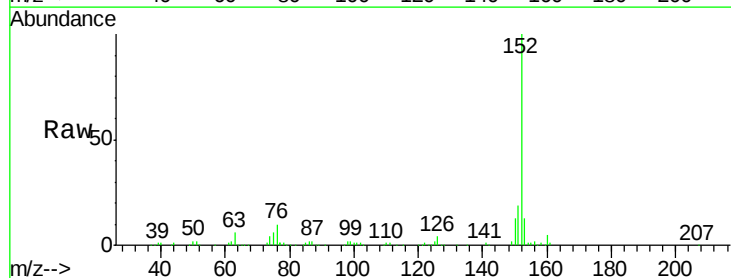
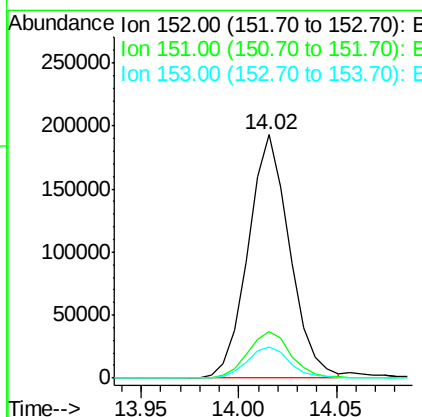
RT: 14.02 min Scan# 1875

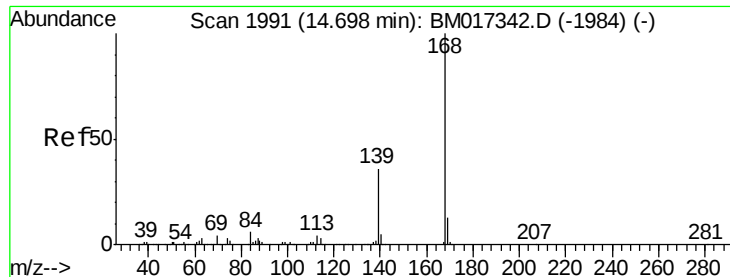
Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Tgt Ion:	152	Resp:	284911
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.3	22.9
153	13.0	10.2	15.4





#54

Dibenzenofuran

Concen: 1.600 ng/ul

RT: 14.70 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Instrument :

BNA_M

ClientSampleId :

C0AD9DL

Tgt Ion:168 Resp: 142975

Ion Ratio Lower Upper

168 100

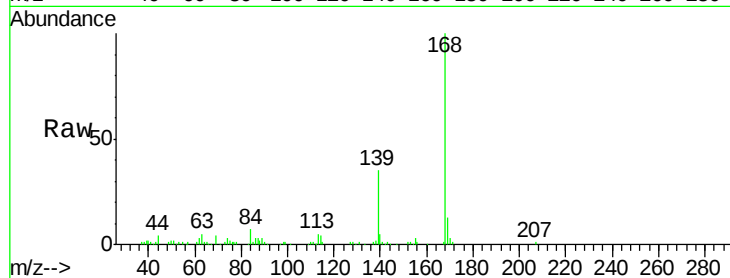
139 35.0 30.1 45.1

Manual Integrations

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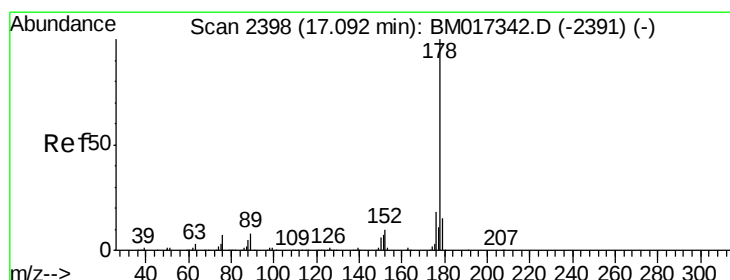
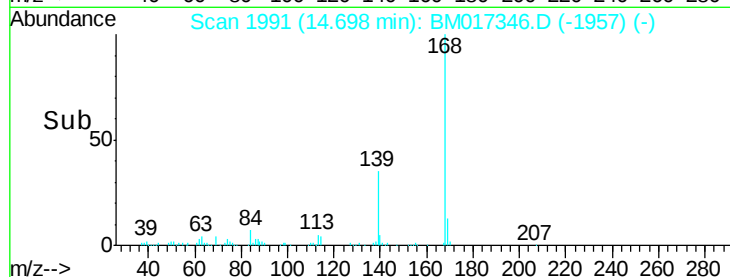
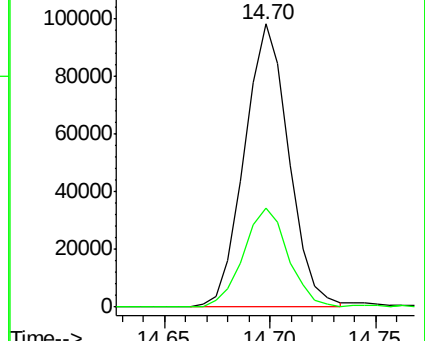
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#70

Phenanthrene

Concen: 5.812 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

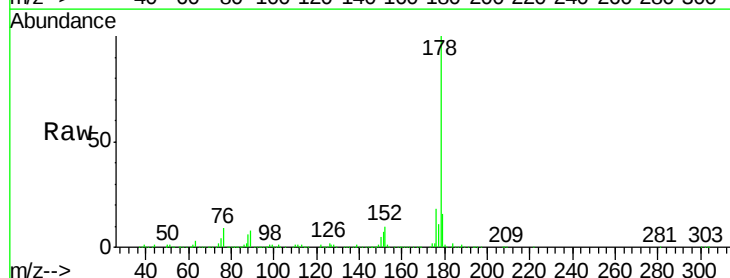
Tgt Ion:178 Resp: 710209

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

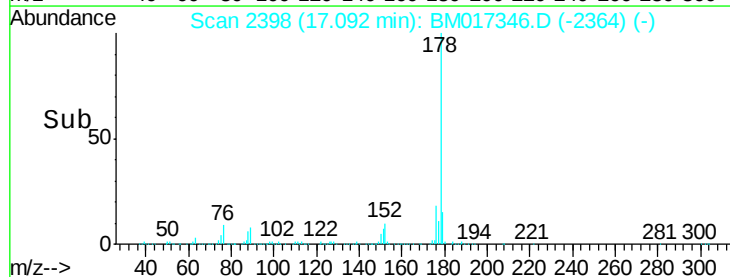
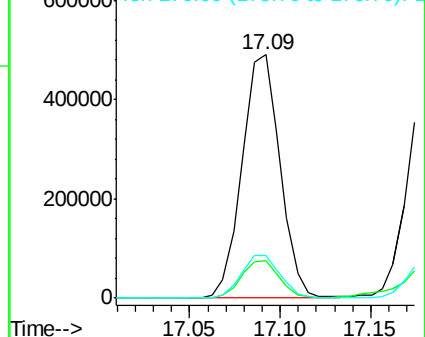
176 17.6 14.9 22.3

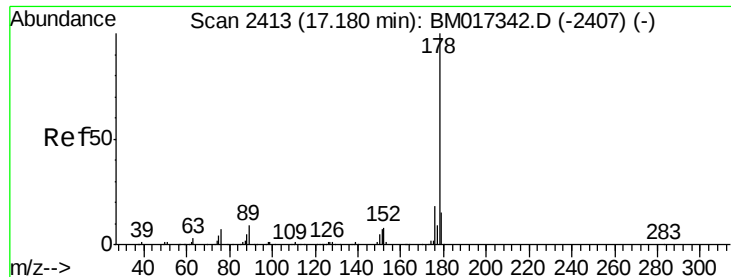


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 4.883 ng/ul

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Instrument :

BNA_M

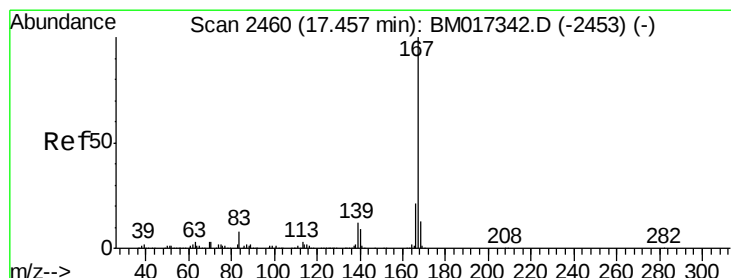
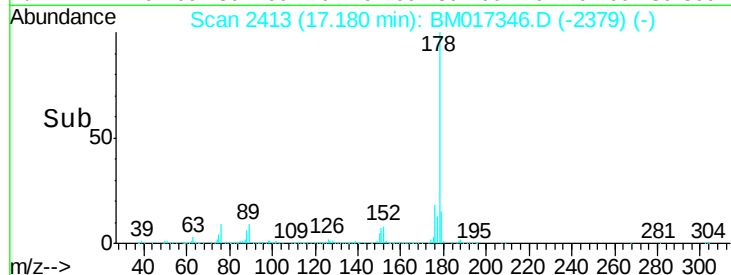
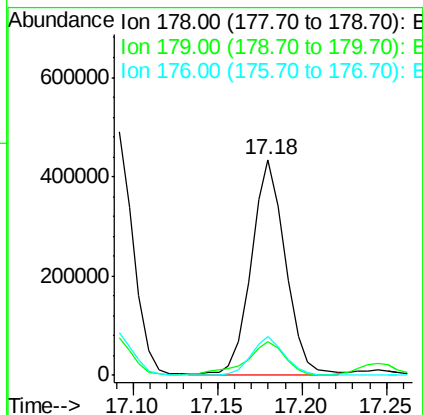
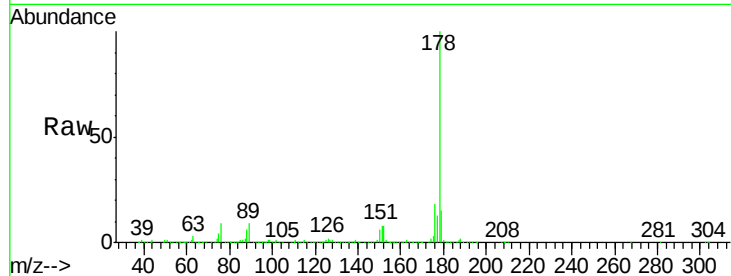
ClientSampleId :

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Tgt Ion:	178	Resp:	605987
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.2	18.2
176	18.0	14.2	21.2

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#75

Carbazole

Concen: 1.595 ng/ul

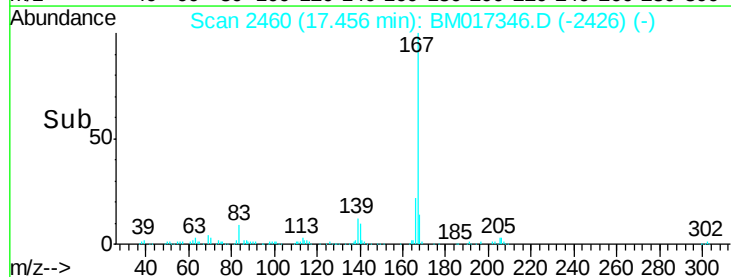
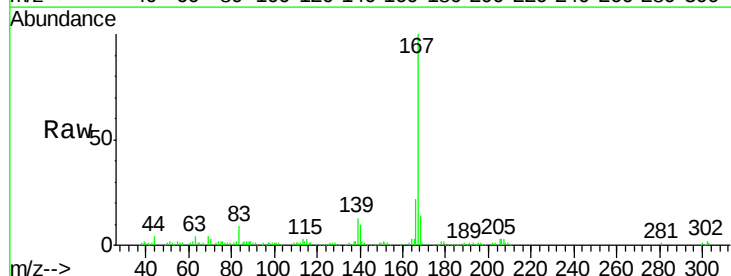
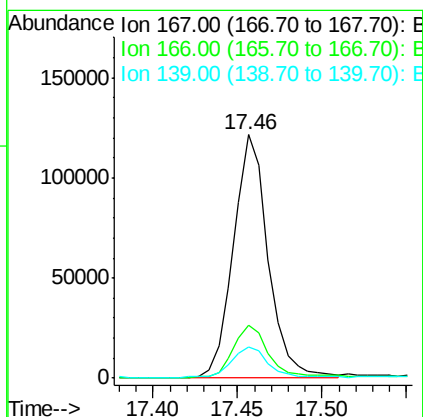
RT: 17.46 min Scan# 2460

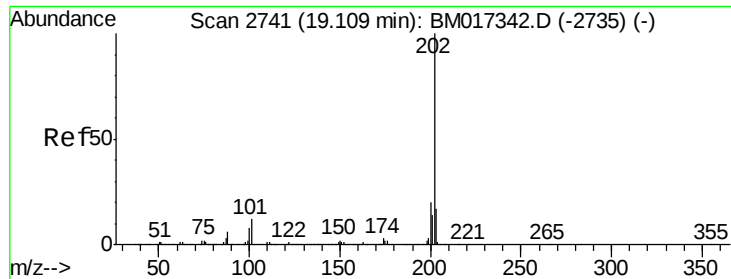
Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Tgt Ion:	167	Resp:	173040
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.5	26.3
139	12.9	10.0	15.0





#77

Fluoranthene

Concen: 30.149 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. 0.01 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Instrument :

BNA_M

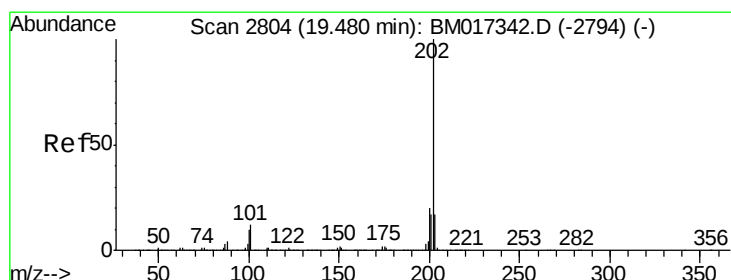
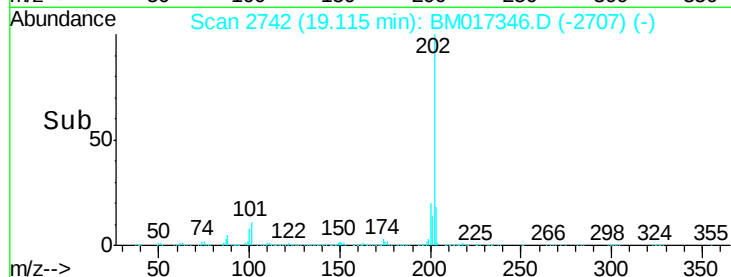
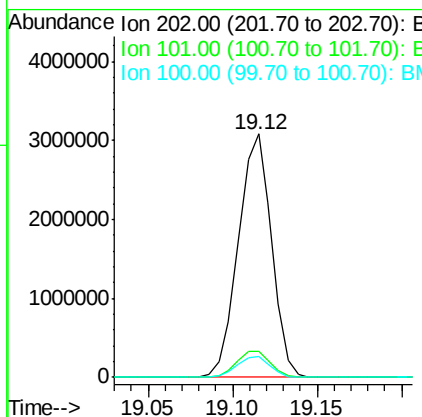
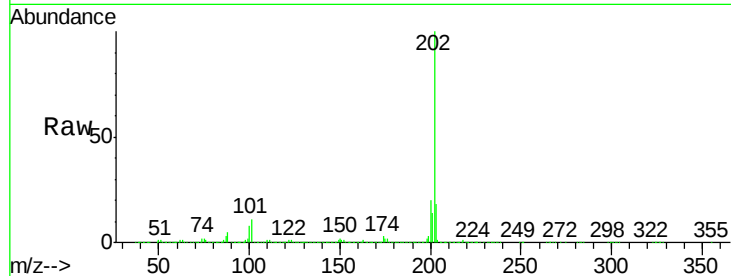
ClientSampleId :

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Tgt Ion:	202	Resp:	4222639
Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.4
100	8.5	6.3	9.5

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#80

Pyrene

Concen: 33.220 ng/ul

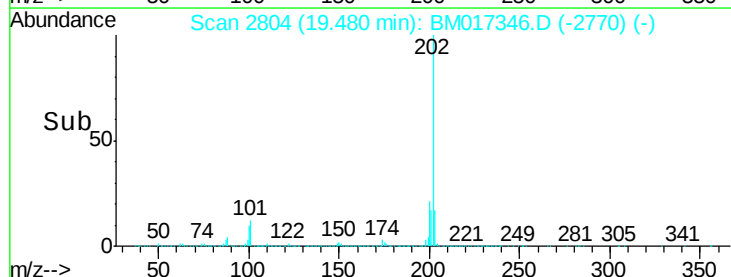
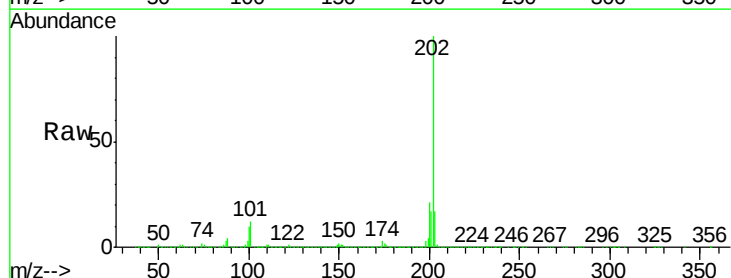
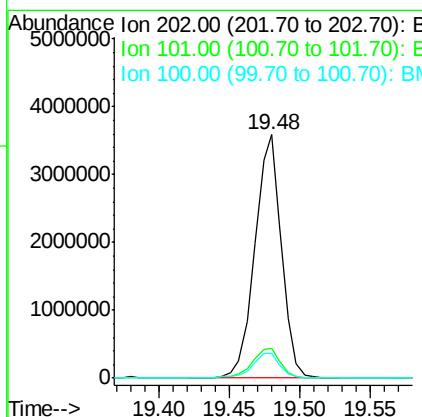
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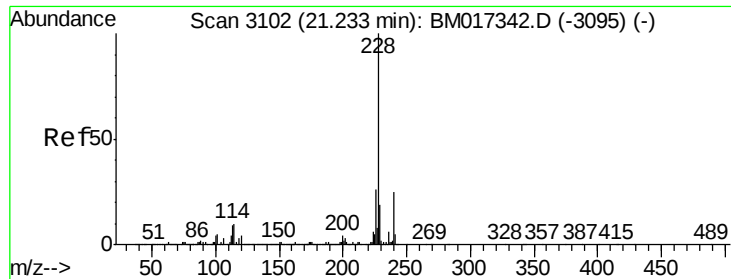
Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Tgt Ion:	202	Resp:	4742719
Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.5	14.3
100	10.2	8.1	12.1





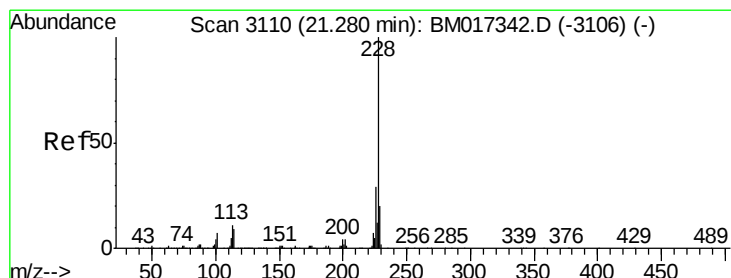
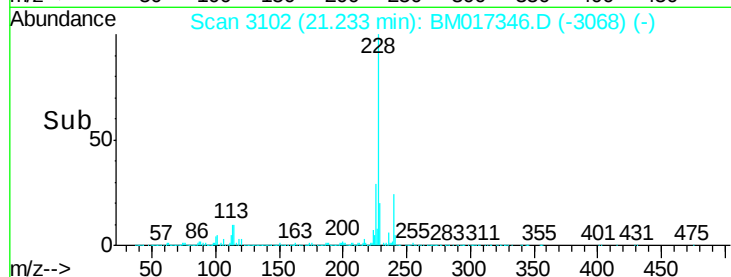
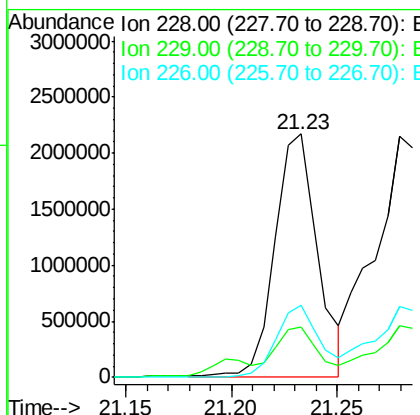
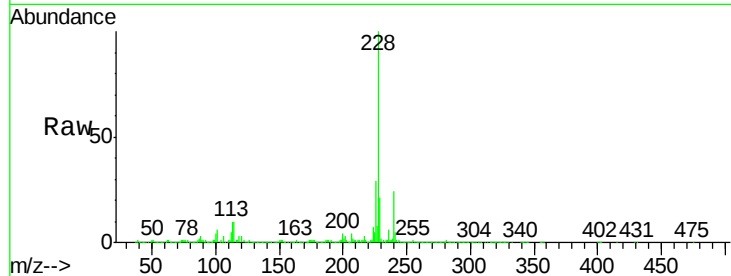
#83
Benzo(a)anthracene
Concen: 20.223 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BM017346.D
Acq: 25 Oct 2018 16:23

Instrument :
BNA_M
ClientSampleId :
C0AD9DL

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	29.5	20.8	31.2

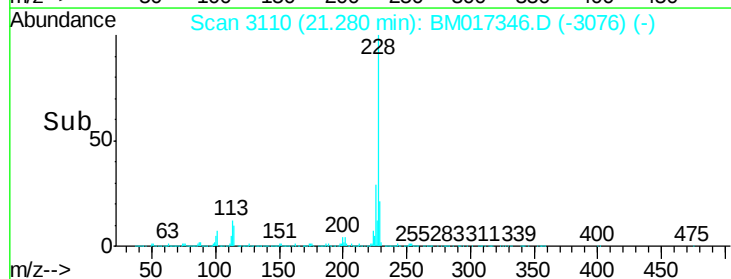
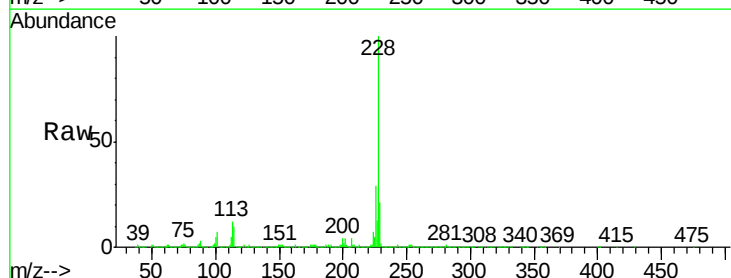
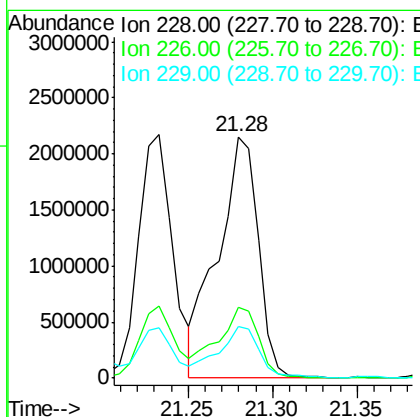
Manual Integrations
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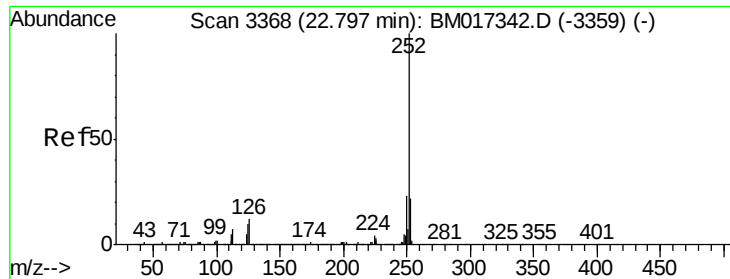
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#85
Chrysene
Concen: 24.894 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM017346.D
Acq: 25 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.3	34.9
229	21.3	15.6	23.4





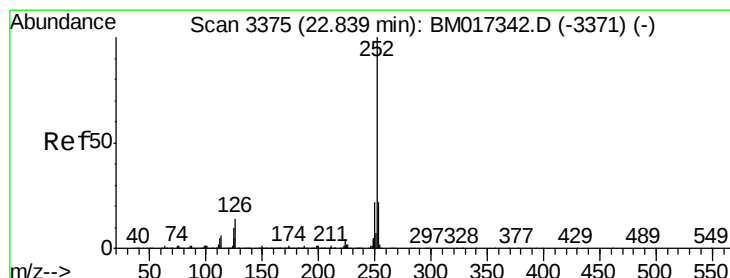
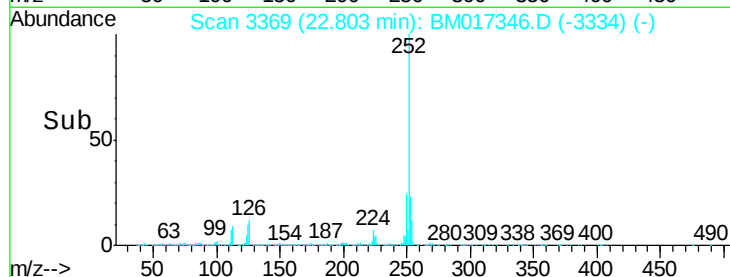
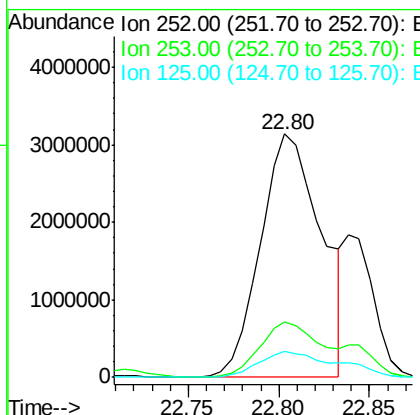
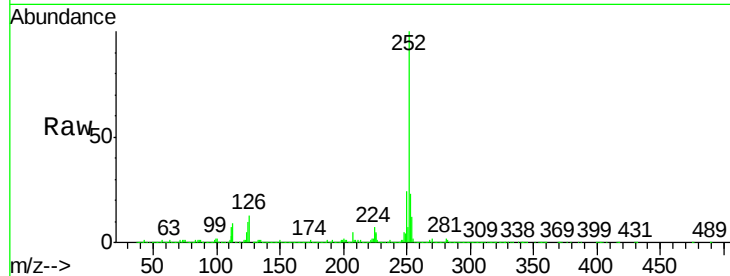
#88
Benzo(b)fluoranthene
Concen: 50.563 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM017346.D
Acq: 25 Oct 2018 16:23

Instrument :
BNA_M
ClientSampleId :
C0AD9DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.4	7.2	10.8

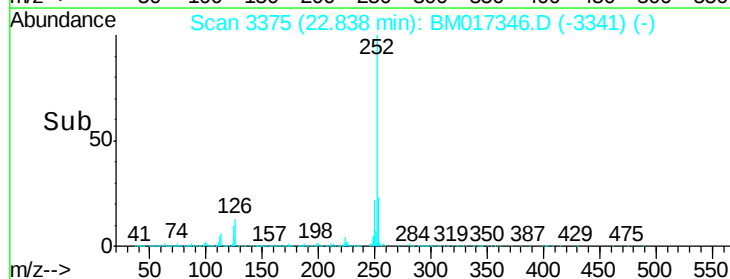
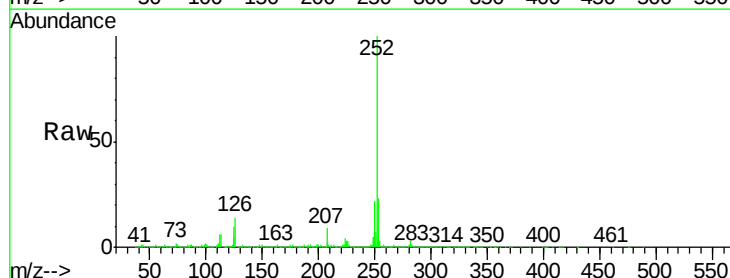
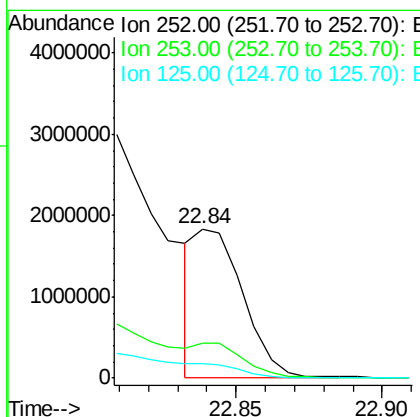
Manual Integrations
APPROVED

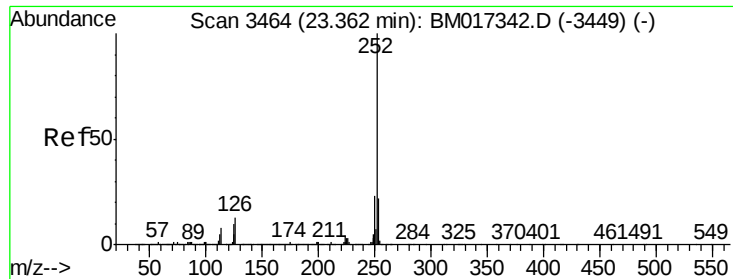
Sohil
10/26/2018 3:48:39 PM



#89
Benzo(k)fluoranthene
Concen: 14.447 ng/ul m
RT: 22.84 min Scan# 3375
Delta R.T. -0.00 min
Lab File: BM017346.D
Acq: 25 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	10.0	7.8	11.6





#91

Benzo(a)pyrene

Concen: 17.477 ng/ul

RT: 23.36 min Scan# 3464

Delta R.T. -0.00 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Instrument :

BNA_M

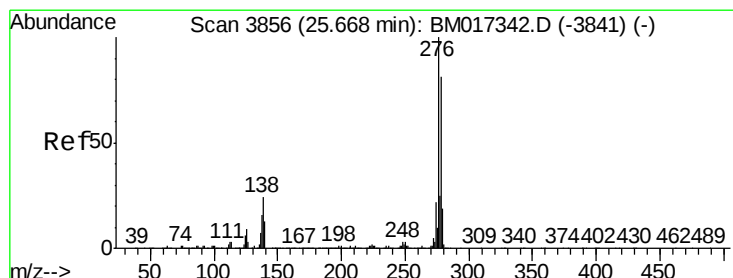
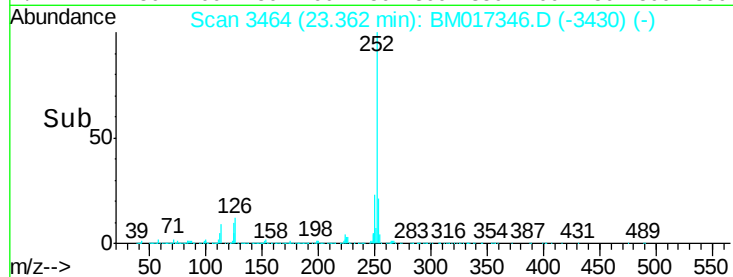
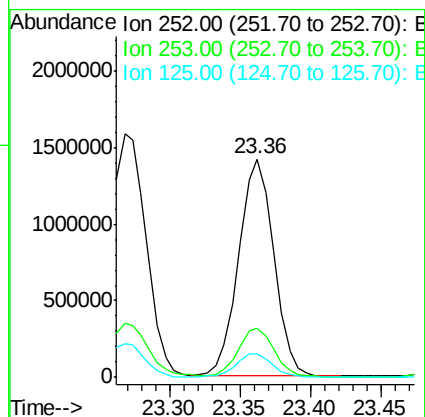
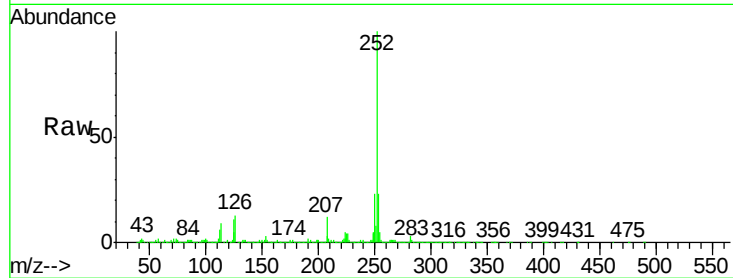
ClientSampleId :

C0AD9DL

Tgt Ion:	252	Resp:	2474332
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.6	8.3	12.5

Manual Integrations
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#92

Indeno(1,2,3-cd)pyrene

Concen: 11.364 ng/ul

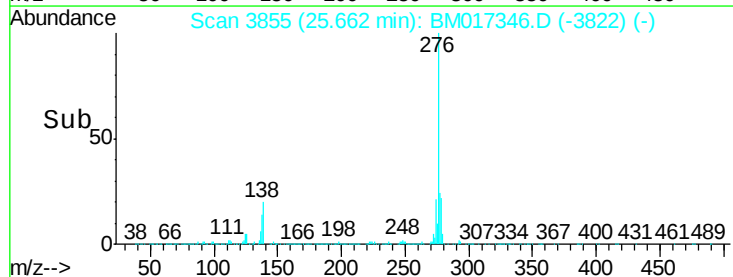
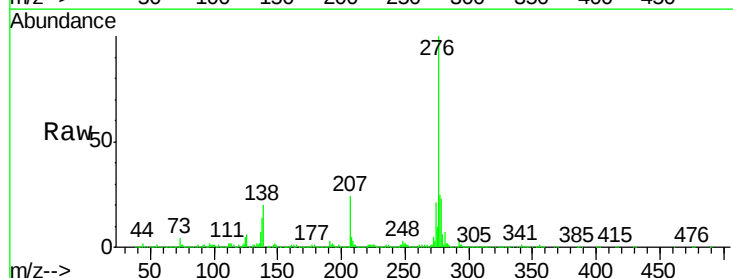
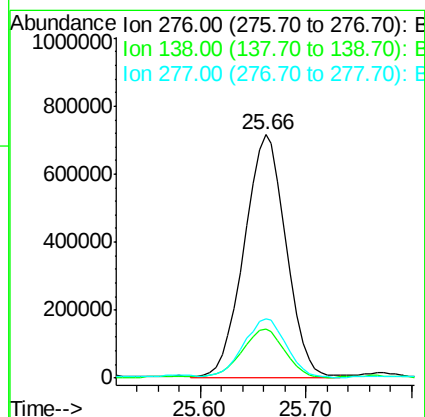
RT: 25.66 min Scan# 3855

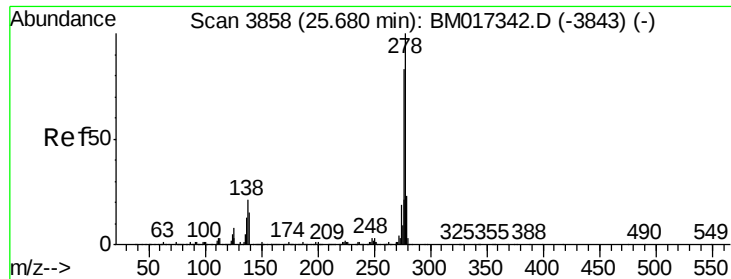
Delta R.T. -0.01 min

Lab File: BM017346.D

Acq: 25 Oct 2018 16:23

Tgt Ion:	276	Resp:	1957564
Ion	Ratio	Lower	Upper
276	100		
138	19.9	18.1	27.1
277	24.5	19.6	29.4





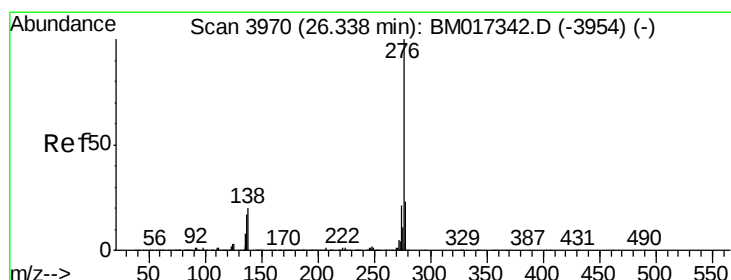
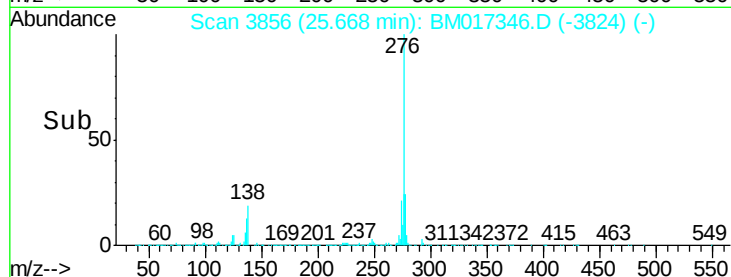
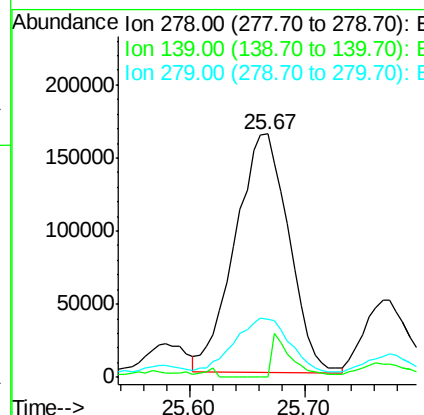
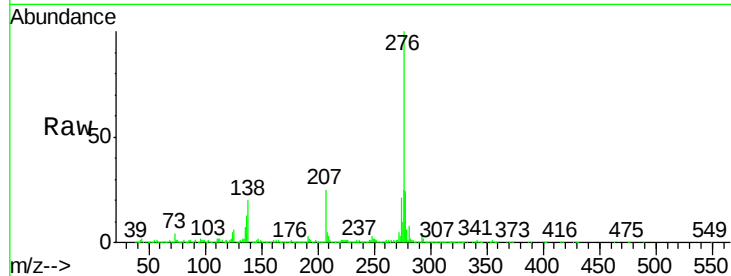
#93
Dibenzo(a,h)anthracene
Concen: 3.678 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. -0.01 min
Lab File: BM017346.D
Acq: 25 Oct 2018 16:23

Instrument :
BNA_M
ClientSampleId :
C0AD9DL

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

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 9.153 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. -0.00 min
Lab File: BM017346.D
Acq: 25 Oct 2018 16:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.6	25.0
277	23.9	18.9	28.3

