

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101218\
 Data File : BM017133.D
 Acq On : 12 Oct 2018 16:55
 Operator : MJ/SJ
 Sample : J5184-12 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLC34

Manual Integrations
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Sohil
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Quant Time: Oct 12 23:48:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 12 23:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	216681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	990414	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	537832	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.08	188	1127616	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	936174	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	988467	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	4963	1.14	ng/uL	0.00
5) Phenol-d5	6.86	99	107610	5.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	68595	6.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	98308	6.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	85528	6.03	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	42919	5.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	40534	5.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	93025	6.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	53441	2.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	277313	6.50	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	358720	6.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	12921	1.60	ng/ul	0.00
58) Fluorene-d10	15.32	176	262801	6.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	9639	1.45	ng/ul	0.00
71) Anthracene-d10	17.17	188	371283	6.89	ng/ul	0.00
79) Pyrene-d10	19.47	212	364440	8.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	367593	7.26	ng/ul	0.00

Target Compounds

					Qvalue
45) Dimethylphthalate	13.79	163	467065	11.054 ng/ul	99
70) Phenanthrene	17.12	178	1035523	16.378 ng/ul	99
72) Anthracene	17.21	178	274390	4.271 ng/ul	99
75) Carbazole	17.49	167	110980	1.996 ng/ul	99
77) Fluoranthene	19.14	202	2750570	37.557 ng/ul	99
80) Pyrene	19.50	202	2840809	52.372 ng/ul	98
81) Butylbenzylphthalate	20.42	149	74774	3.995 ng/ul	98
83) Benzo(a)anthracene	21.26	228	1455896	25.924 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	296087	10.207 ng/ul	99
85) Chrysene	21.31	228	2465018	45.383 ng/ul	99
88) Benzo(b)fluoranthene	22.83	252	2532540	43.027 ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	695570m	12.301 ng/ul	
91) Benzo(a)pyrene	23.40	252	1137482	20.053 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.72	276	827802	12.361 ng/ul	94
93) Dibenzo(a,h)anthracene	25.73	278	238307	4.275 ng/ul#	93
94) Benzo(g,h,i)perylene	26.40	276	736871	13.214 ng/ul	98

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

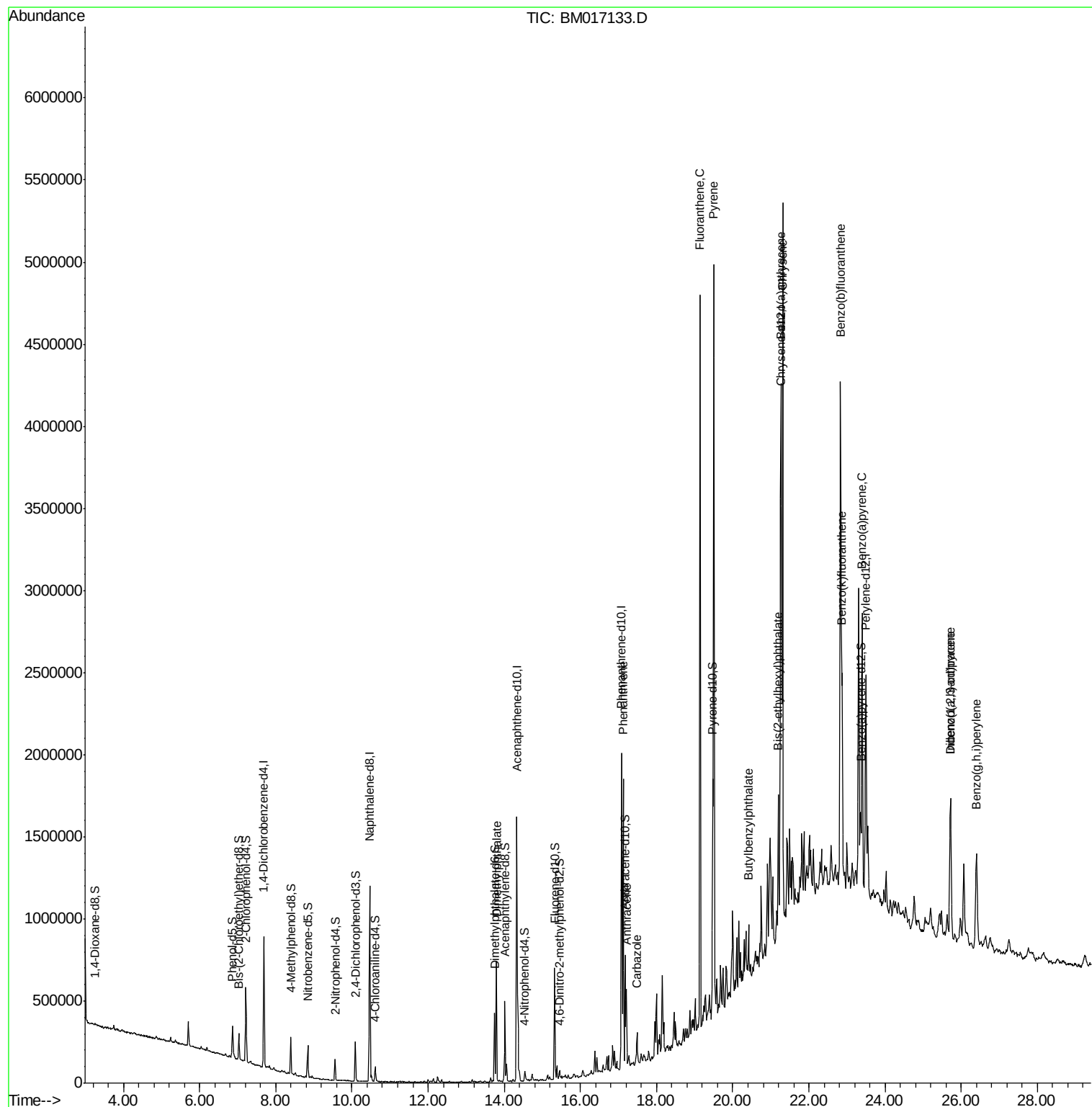
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101218\
Data File : BM017133.D
Acq On : 12 Oct 2018 16:55
Operator : MJ/SJ
Sample : J5184-12 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

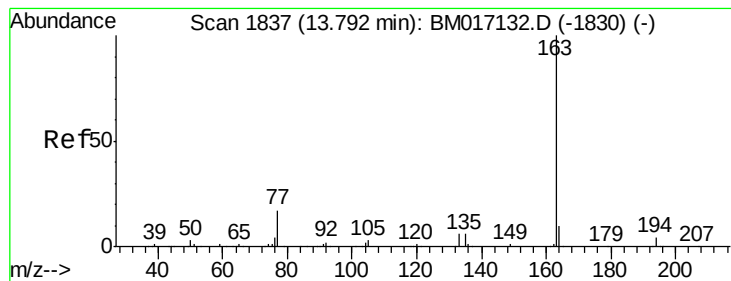
Instrument :
BNA_M
ClientSampleId :
JLC34

Quant Time: Oct 12 23:48:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 12 23:37:04 2018
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#45

Dimethylphthalate

Concen: 11.054 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BM017133.D

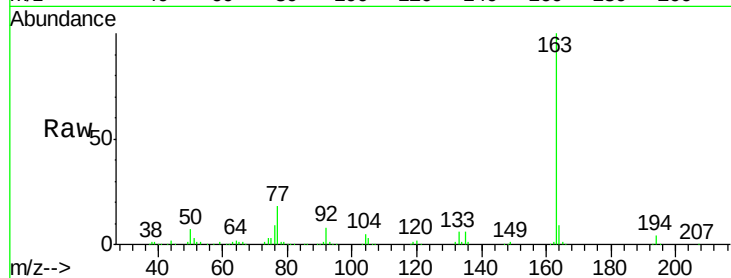
Acq: 12 Oct 2018 16:55

Instrument :

BNA_M

ClientSampleId :

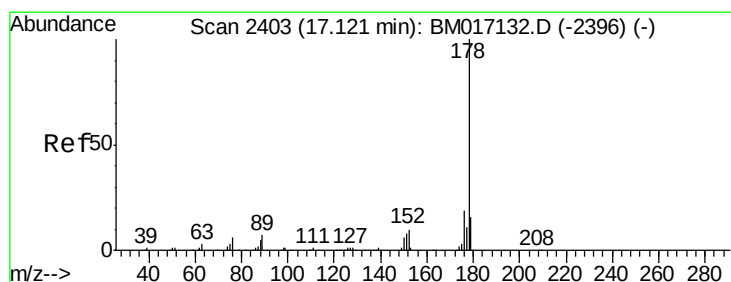
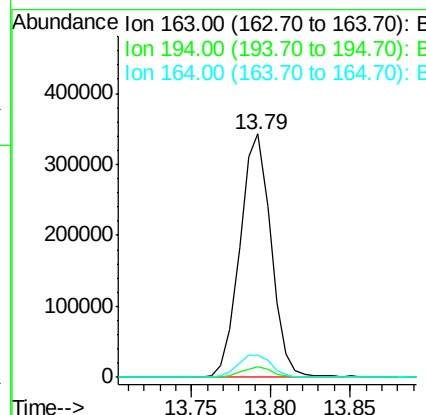
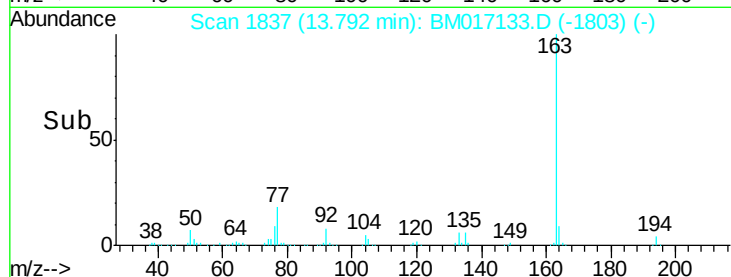
JLC34



Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.3	8.0	12.0

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#70

Phenanthrene

Concen: 16.378 ng/ul

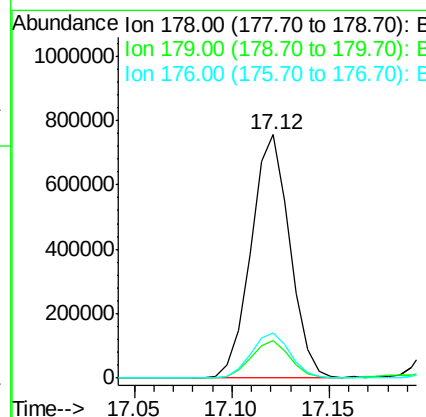
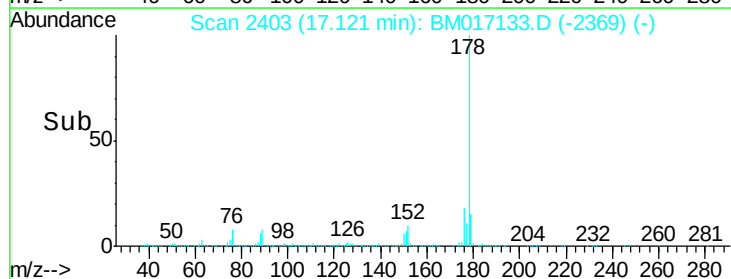
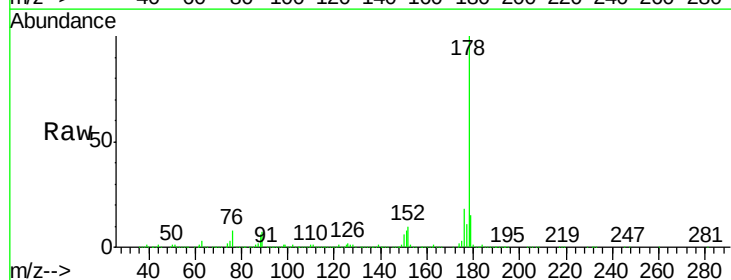
RT: 17.12 min Scan# 2403

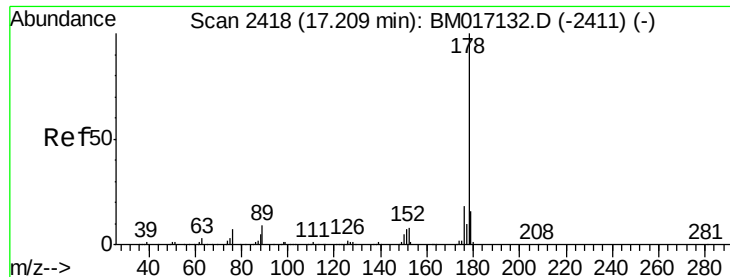
Delta R.T. -0.00 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.4	15.0	22.4





#72

Anthracene

Concen: 4.271 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Instrument :

BNA_M

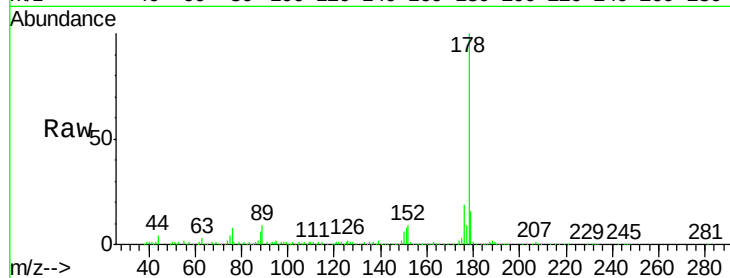
ClientSampled :

JLC34

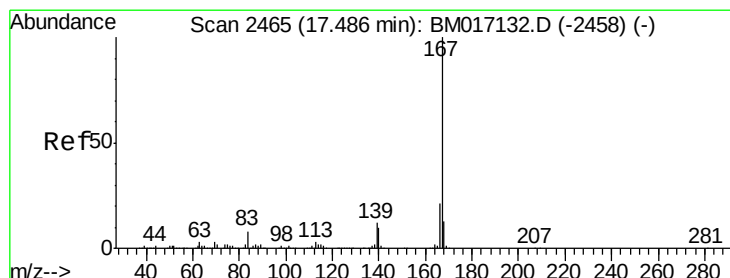
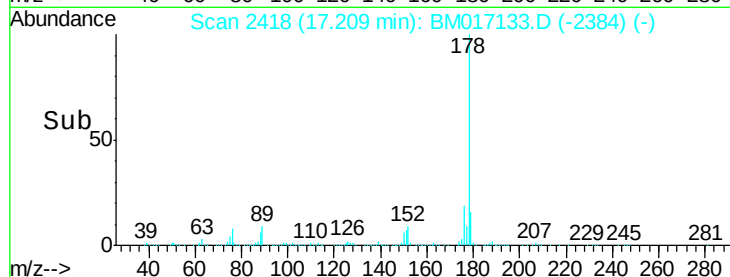
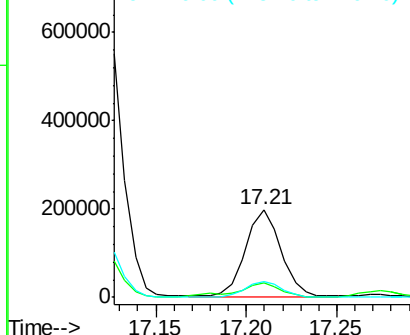
Tgt Ion:	178	Resp:	274390
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.4
176	18.7	14.6	22.0

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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: 1.996 ng/ul

RT: 17.49 min Scan# 2465

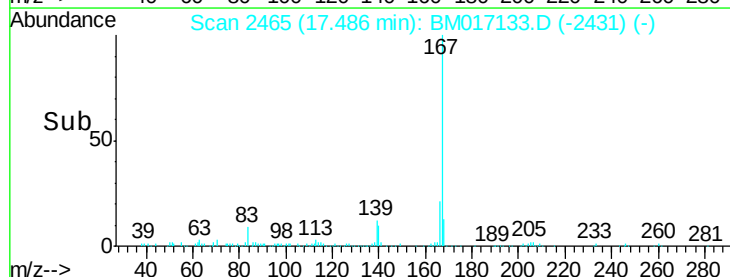
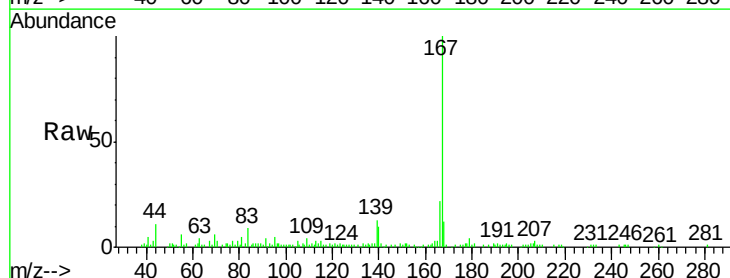
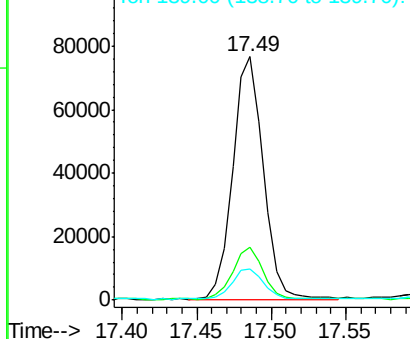
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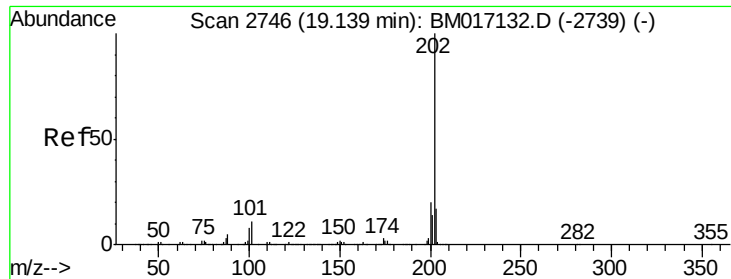
Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Tgt Ion:	167	Resp:	110980
Ion Ratio	Lower	Upper	
167	100		
166	21.6	17.0	25.4
139	12.8	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





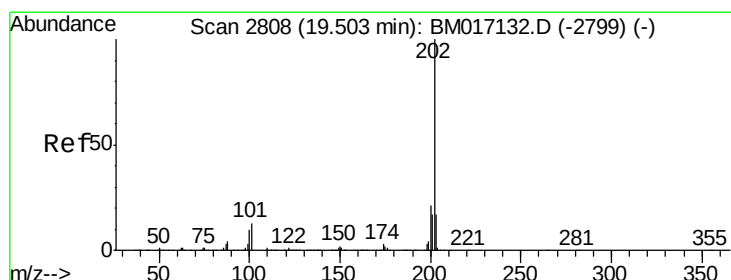
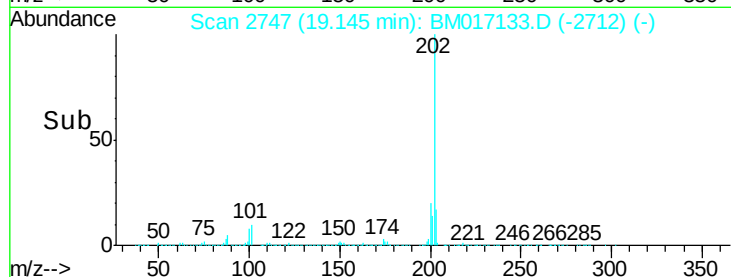
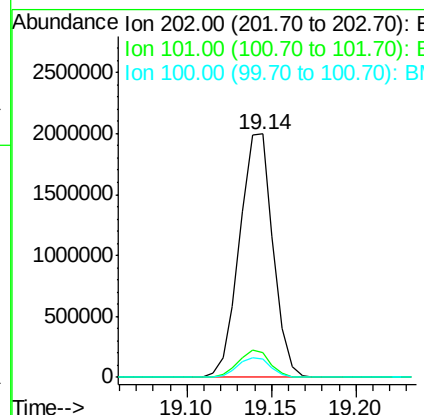
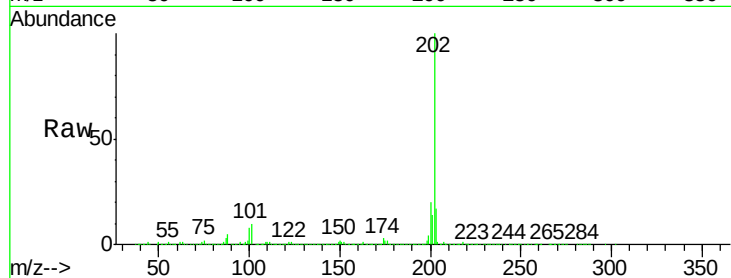
#77
Fluoranthene
 Concen: 37.557 ng/ul
 RT: 19.14 min Scan# 2747
 Delta R.T. 0.01 min
 Lab File: BM017133.D
 Acq: 12 Oct 2018 16:55

Instrument :
 BNA_M
 ClientSampleId :
 JLC34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2750570		
101	10.1		8.3	12.5
100	7.8		6.6	9.8

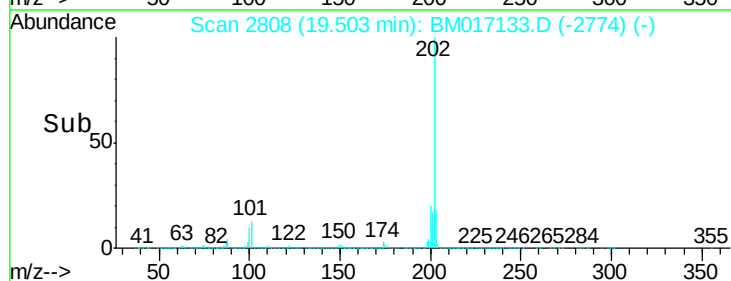
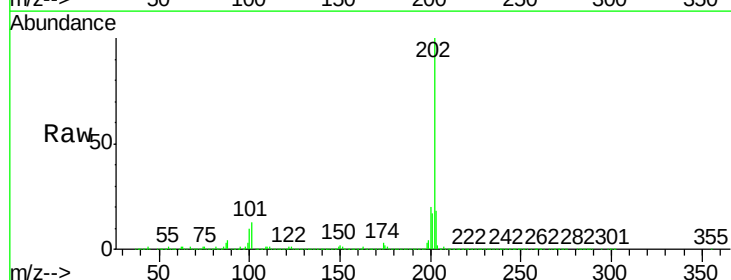
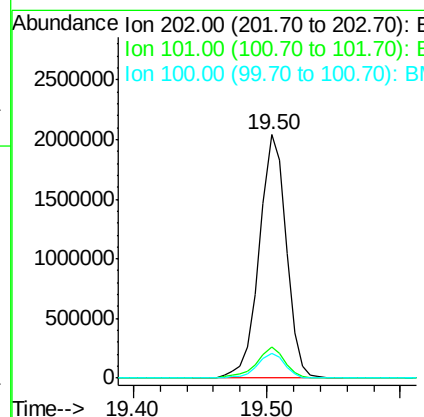
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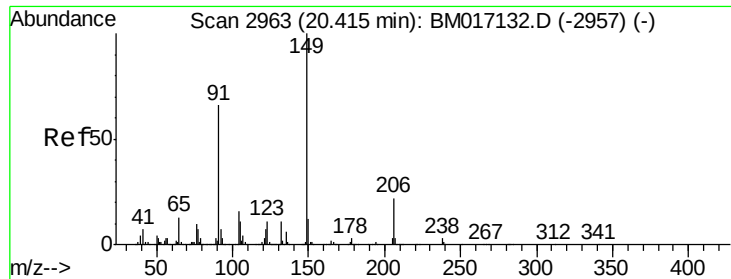
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#80
Pyrene
 Concen: 52.372 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. -0.00 min
 Lab File: BM017133.D
 Acq: 12 Oct 2018 16:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2840809		
101	12.7		10.8	16.2
100	10.4		8.9	13.3





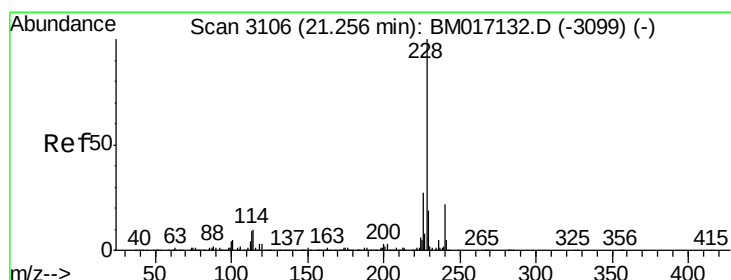
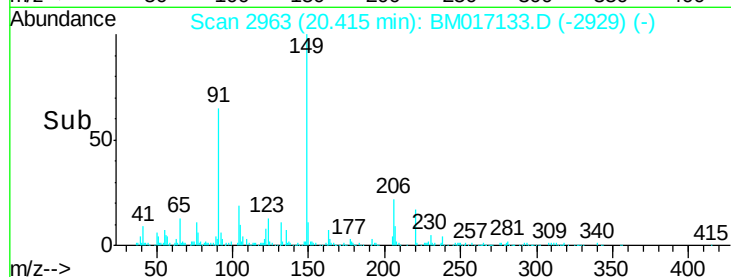
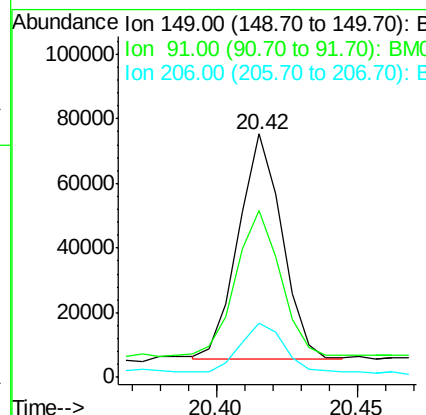
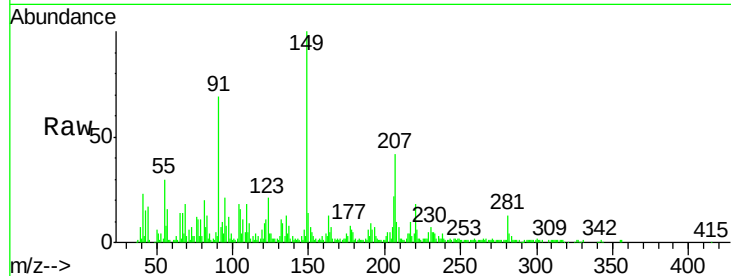
#81
Butylbenzylphthalate
Concen: 3.995 ng/ul
RT: 20.42 min Scan# 2963
Delta R.T. -0.00 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Instrument :
BNA_M
ClientSampleId :
JLC34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.1	84.1
206	22.3	17.2	25.8

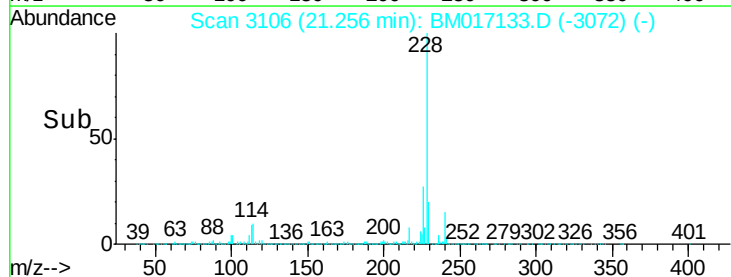
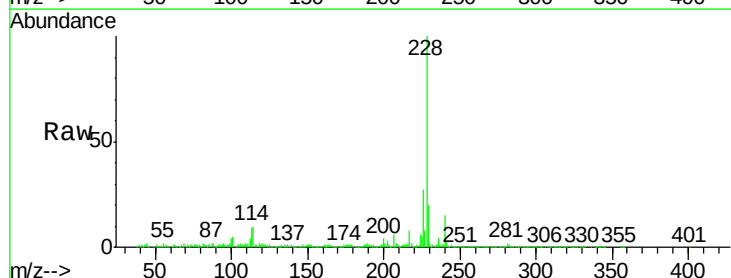
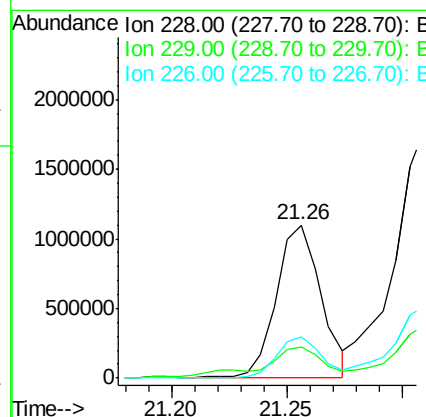
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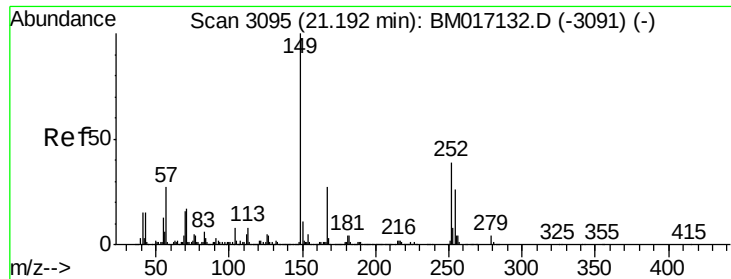
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#83
Benzo(a)anthracene
Concen: 25.924 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.7	23.5
226	27.0	20.9	31.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.207 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Instrument :

BNA_M

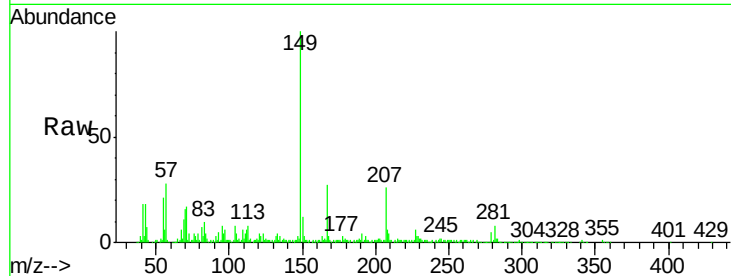
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JLC34

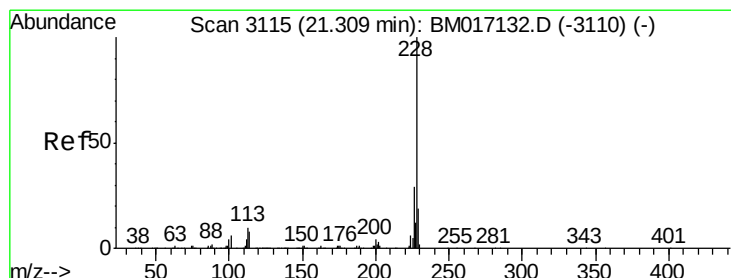
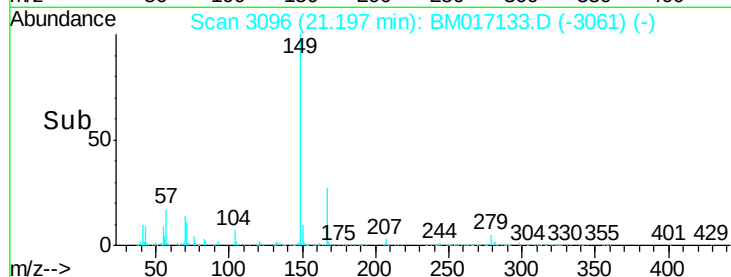
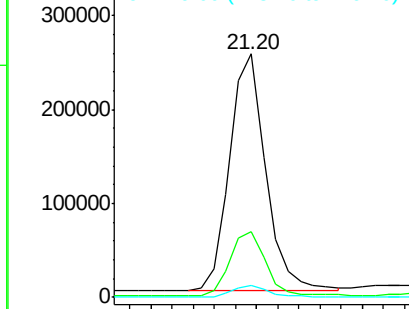
Tgt Ion:	149	Resp:	296087
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.5	33.7
279	4.8	3.7	5.5

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 45.383 ng/ul

RT: 21.31 min Scan# 3115

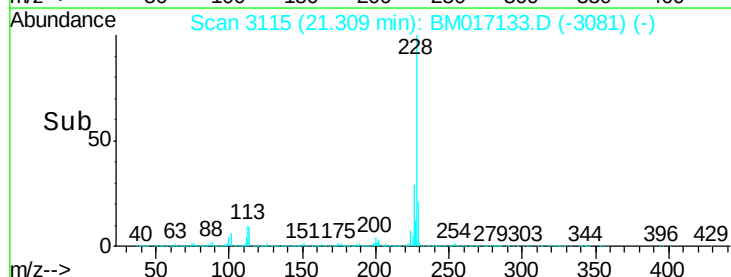
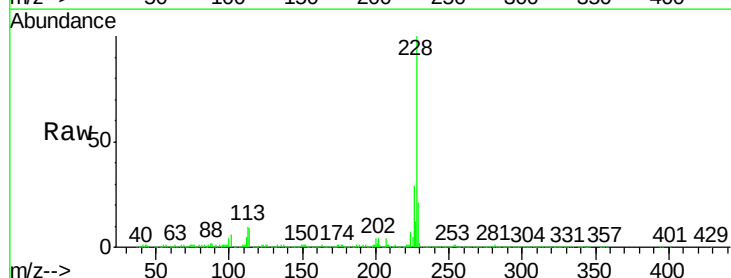
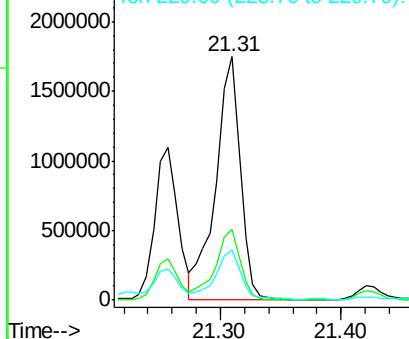
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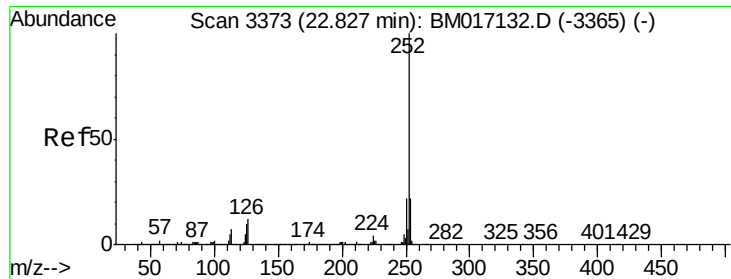
Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Tgt Ion:	228	Resp:	2465018
Ion Ratio	Lower	Upper	
228	100		
226	29.3	23.4	35.2
229	20.9	15.6	23.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





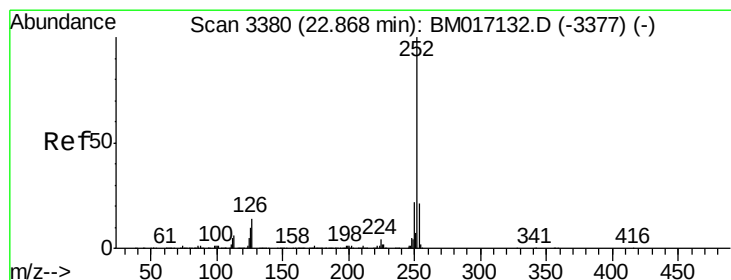
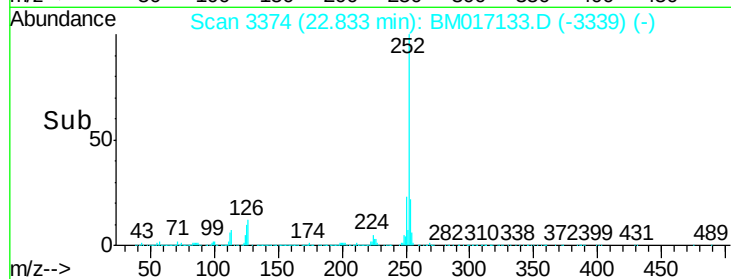
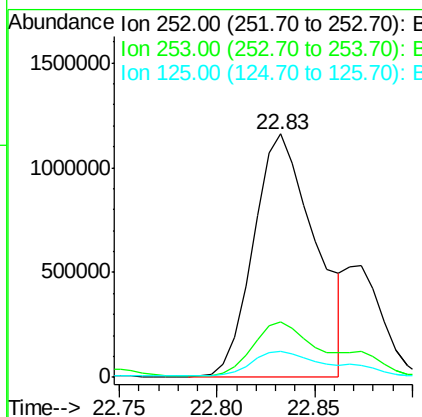
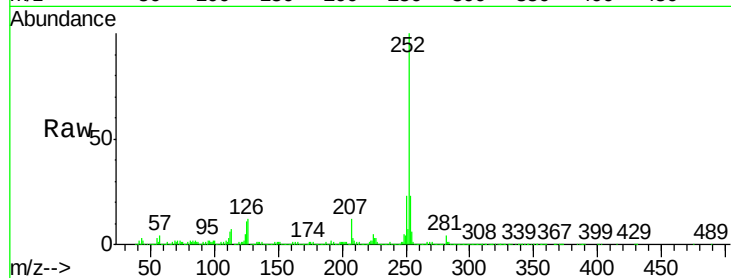
#88
Benzo(b)fluoranthene
Concen: 43.027 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Instrument :
BNA_M
ClientSampleId :
JLC34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	10.6	8.2	12.4

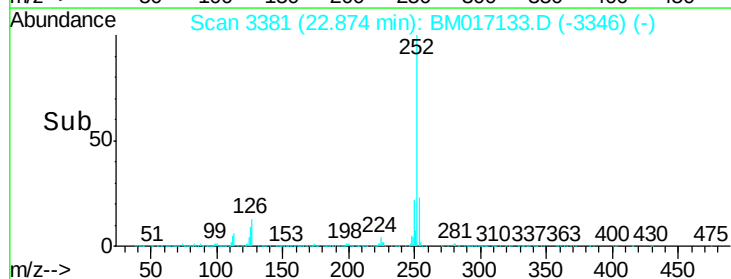
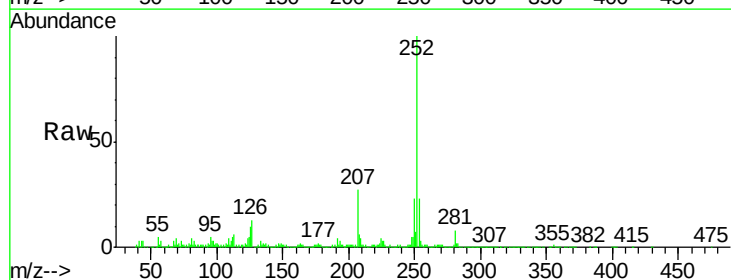
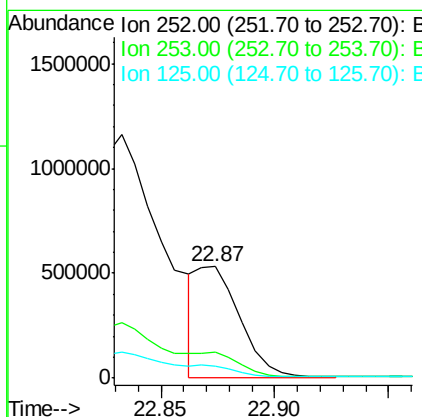
Manual Integrations
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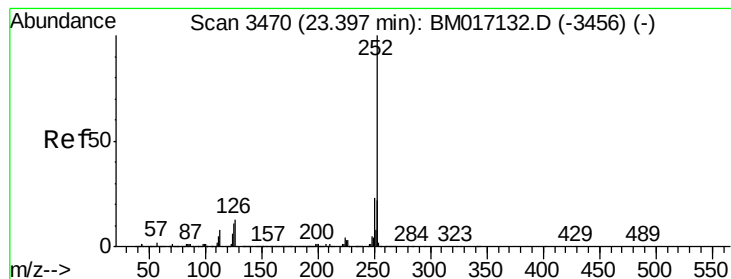
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#89
Benzo(k)fluoranthene
Concen: 12.301 ng/ul m
RT: 22.87 min Scan# 3381
Delta R.T. 0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	10.5	8.2	12.4





#91

Benzo(a)pyrene

Concen: 20.053 ng/ul

RT: 23.40 min Scan# 3470

Delta R.T. -0.00 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

Instrument :

BNA_M

ClientSampleId :

JLC34

Tgt Ion:252 Resp: 1137482

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

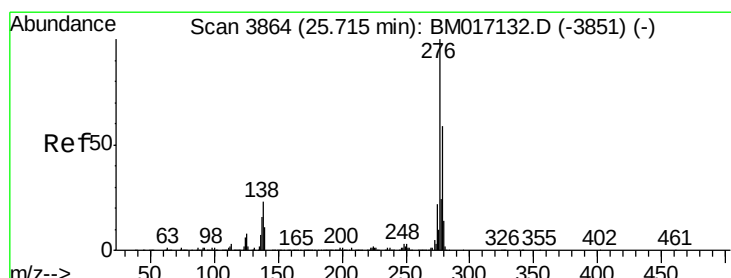
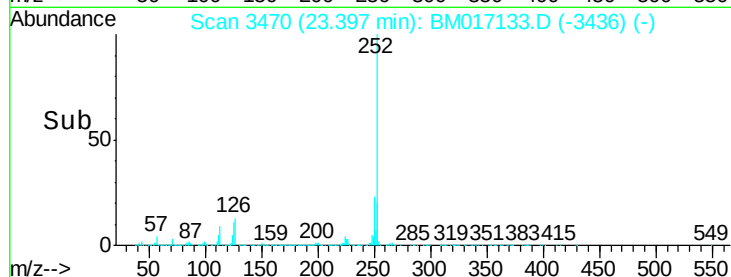
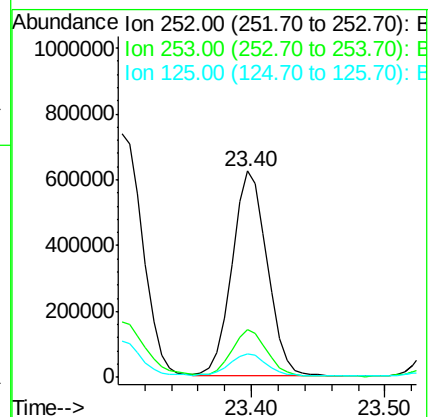
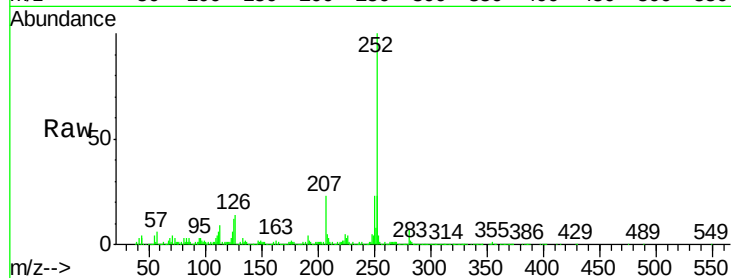
125 11.5 9.0 13.6

Manual Integrations

APPROVED

Sohil

10/15/2018 3:57:48 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 12.361 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. 0.01 min

Lab File: BM017133.D

Acq: 12 Oct 2018 16:55

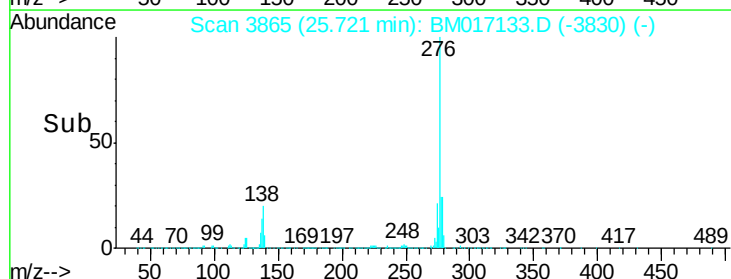
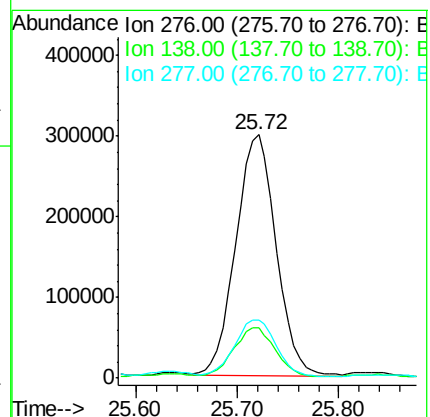
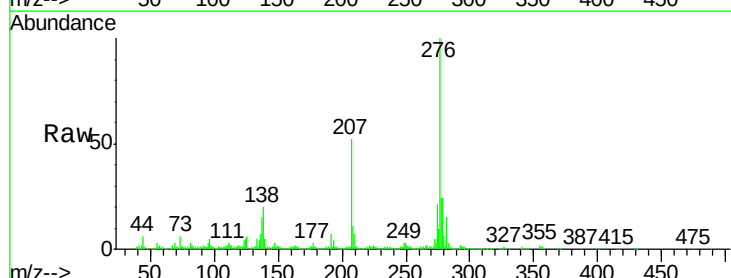
Tgt Ion:276 Resp: 827802

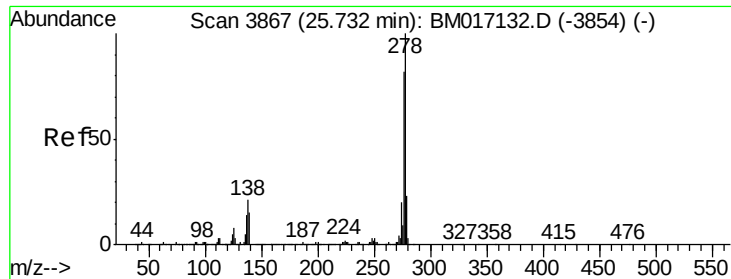
Ion Ratio Lower Upper

276 100

138 20.5 20.3 30.5

277 23.8 20.2 30.2





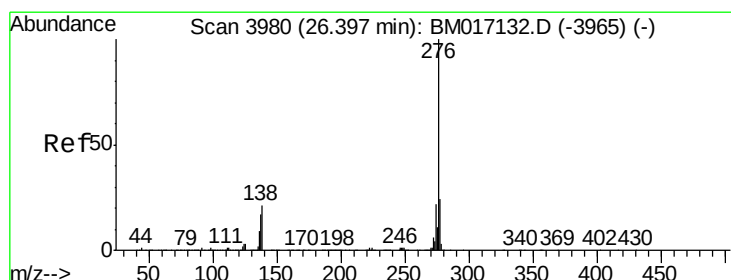
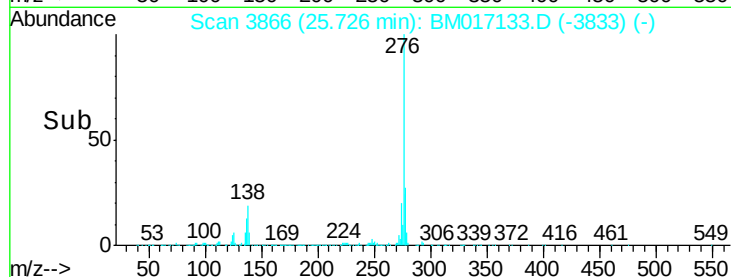
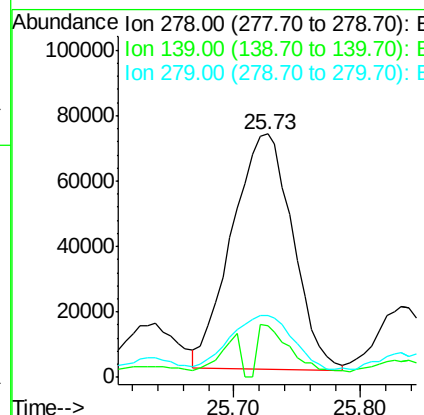
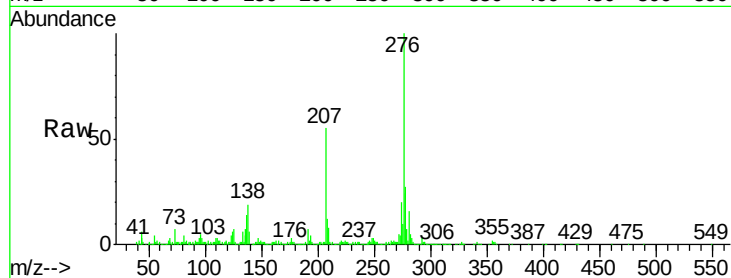
#93
Dibenzo(a,h)anthracene
Concen: 4.275 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. -0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Instrument :
BNA_M
ClientSampleId :
JLC34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	13.2	19.8#
279	25.3	18.4	27.6

Manual Integrations
APPROVED

Sohil
10/15/2018 3:57:48 PM



#94
Benzo(g,h,i)perylene
Concen: 13.214 ng/ul
RT: 26.40 min Scan# 3981
Delta R.T. 0.01 min
Lab File: BM017133.D
Acq: 12 Oct 2018 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.5	26.3
277	24.3	18.5	27.7

