

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
 Data File : BM023135.D
 Acq On : 11 Oct 2019 18:20
 Operator : JU
 Sample : K5124-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM80

Quant Time: Oct 19 23:09:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	178243	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	682695	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	371443	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	694497	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	722102	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	886862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16026	3.89	ng/uL	0.00
5) Phenol-d5	6.95	99	298215	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	170683	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	262052	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	200423	15.54	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	122188	23.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	136031	23.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	237147	20.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	84945	6.10	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	632376	21.94	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	758367	22.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	72597	12.75	ng/ul	0.00
58) Fluorene-d10	15.40	176	534562	21.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	58645	12.98	ng/ul	0.00
71) Anthracene-d10	17.24	188	766333	22.60	ng/ul	0.00
79) Pyrene-d10	19.54	212	871325	22.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1028105	22.41	ng/ul	0.00

Target Compounds

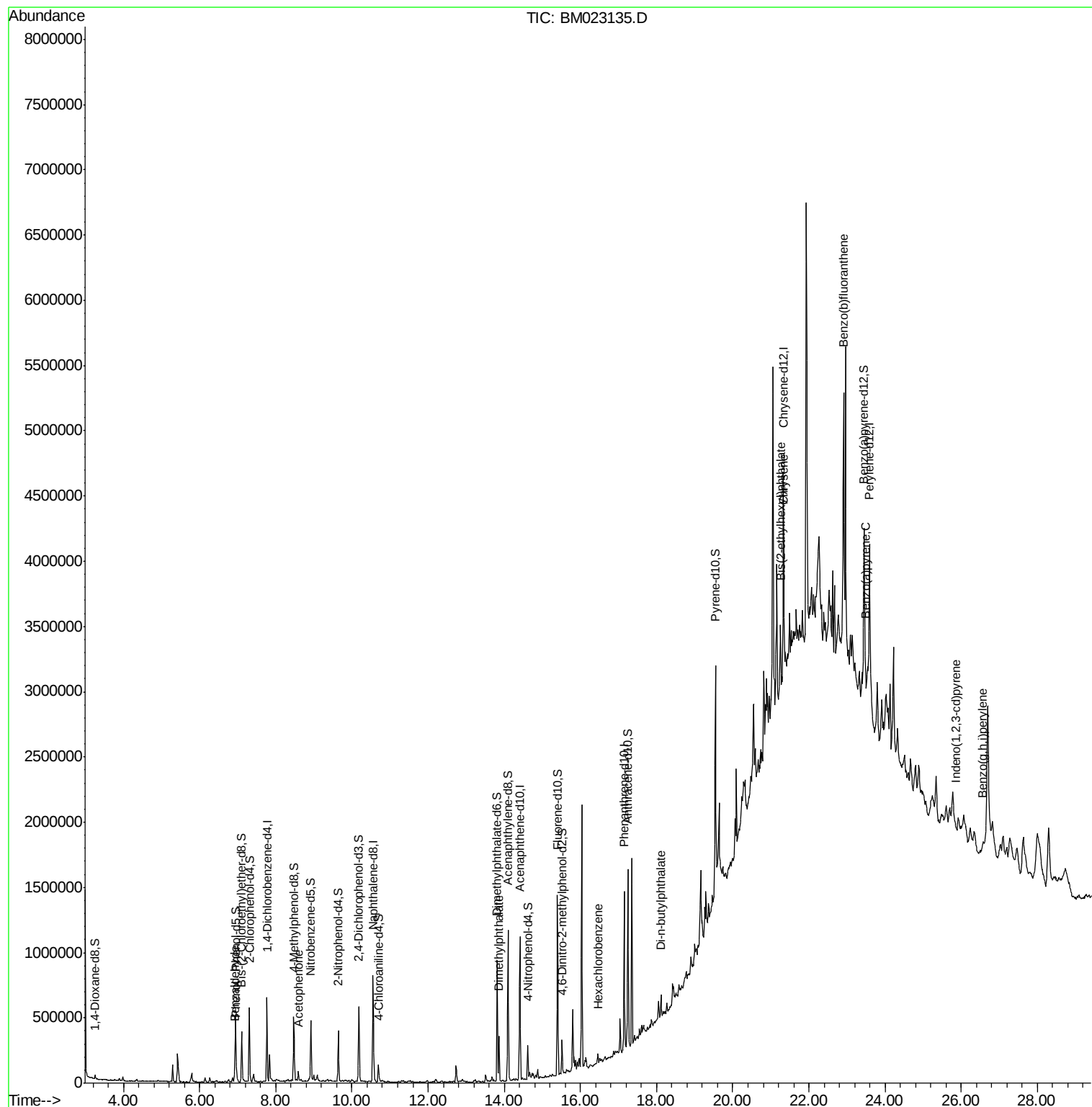
					Qvalue	
4) Benzaldehyde	6.92	77	18443	2.584	ng/ul#	73
6) Phenol	6.97	94	48718	2.951	ng/ul	97
14) Acetophenone	8.59	105	45824	2.325	ng/ul	99
45) Dimethylphthalate	13.86	163	226276	7.641	ng/ul	100
67) Hexachlorobenzene	16.46	284	11497	1.231	ng/ul	96
76) Di-n-butylphthalate	18.12	149	94457	2.134	ng/ul#	94
84) Bis(2-ethylhexyl)phthalate	21.25	149	148021	4.949	ng/ul#	99
85) Chrysene	21.35	228	81458	1.704	ng/ul#	82
88) Benzo(b)fluoranthene	22.91	252	221662	3.766	ng/ul#	61
91) Benzo(a)pyrene	23.49	252	85833	1.555	ng/ul#	46
92) Indeno(1,2,3-cd)pyrene	25.87	276	70795	1.207	ng/ul#	89
94) Benzo(g,h,i)perylene	26.57	276	83447	1.764	ng/ul#	84

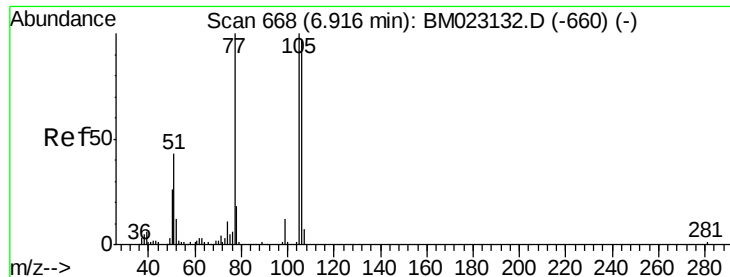
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.584 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

Instrument :

BNA_M

ClientSampled :

JLM80

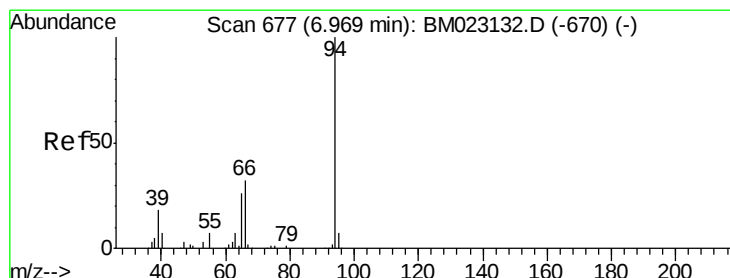
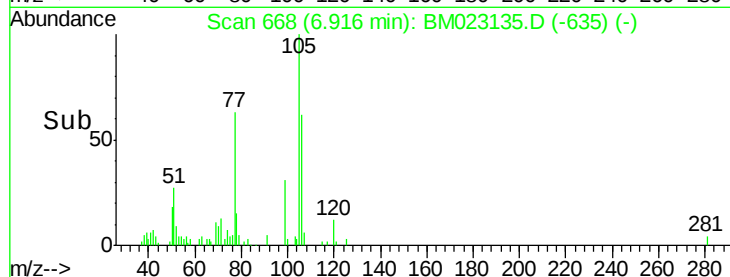
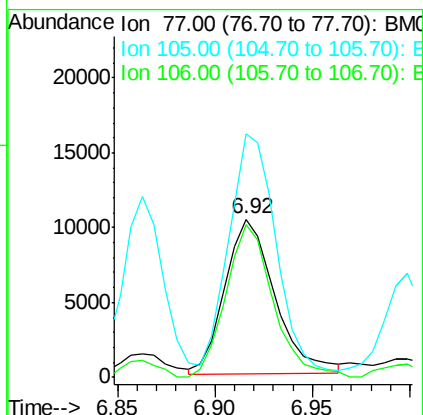
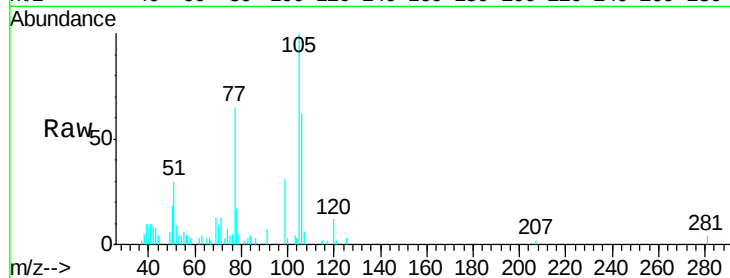
Tgt Ion: 77 Resp: 18443

Ion Ratio Lower Upper

77 100

105 154.0 80.6 120.8#

106 96.2 77.0 115.6



#6

Phenol

Concen: 2.951 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

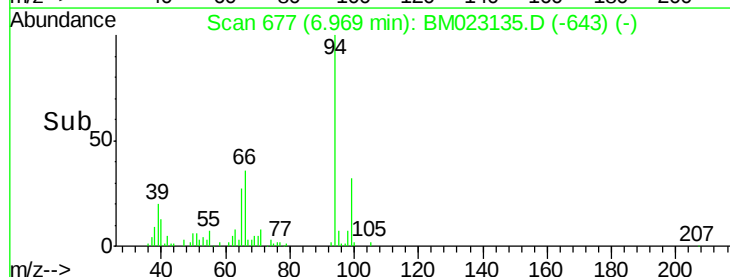
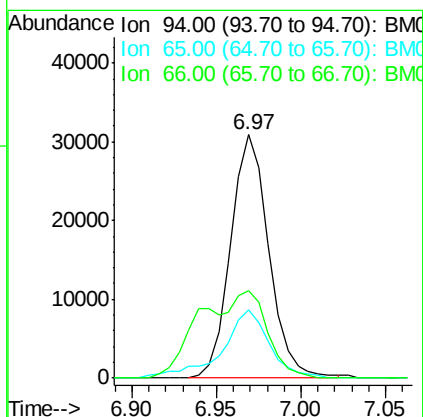
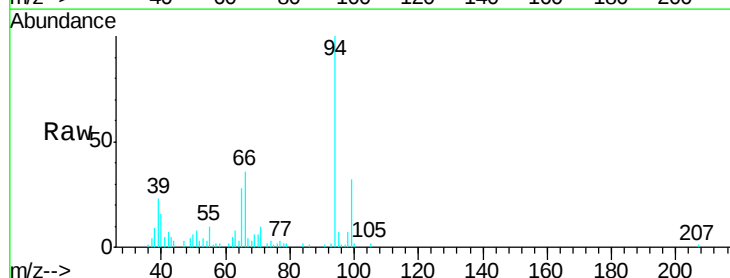
Tgt Ion: 94 Resp: 48718

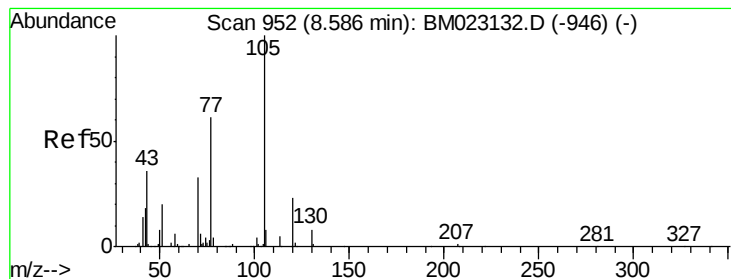
Ion Ratio Lower Upper

94 100

65 27.9 20.9 31.3

66 35.9 27.2 40.8





#14

Acetophenone

Concen: 2.325 ng/ul

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

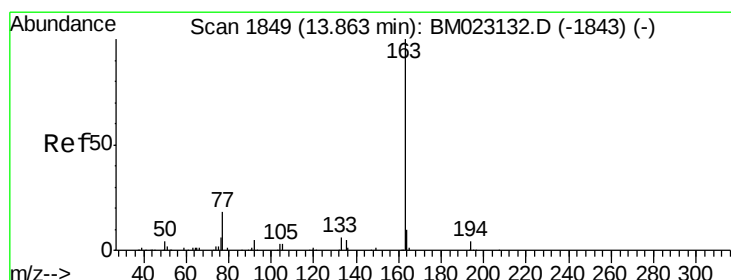
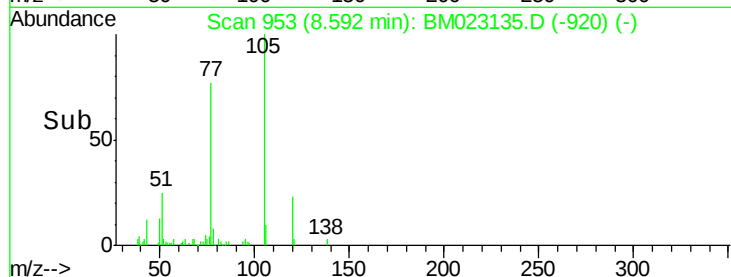
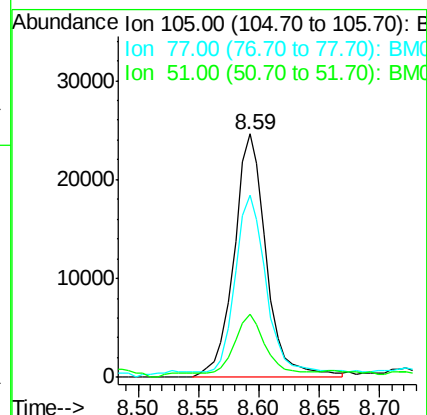
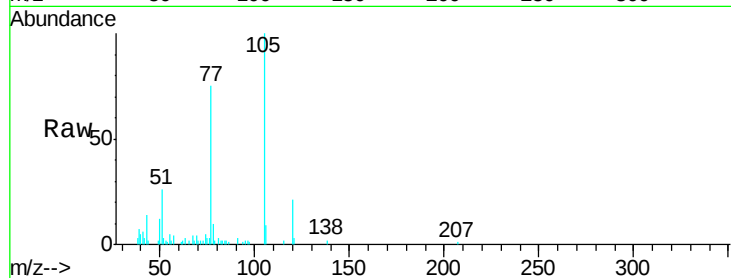
Instrument :

BNA_M

ClientSampleId :

JLM80

Tgt Ion:	105	Resp:	45824
Ion	Ratio	Lower	Upper
105	100		
77	74.9	59.4	89.0
51	25.7	19.4	29.0



#45

Dimethylphthalate

Concen: 7.641 ng/ul

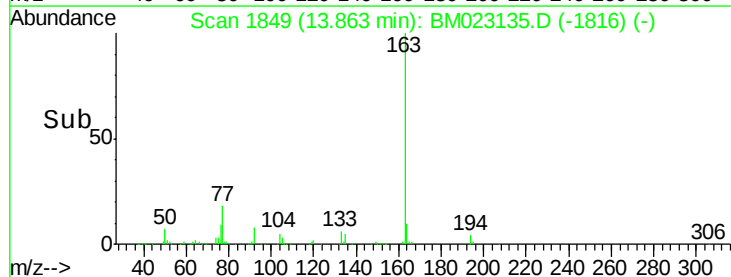
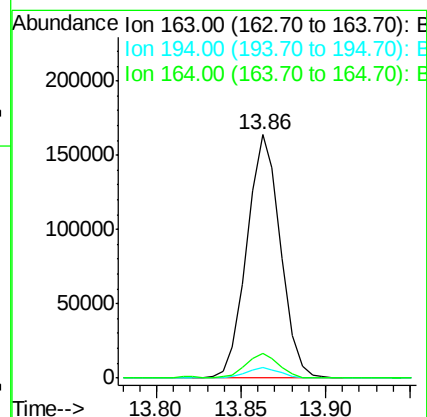
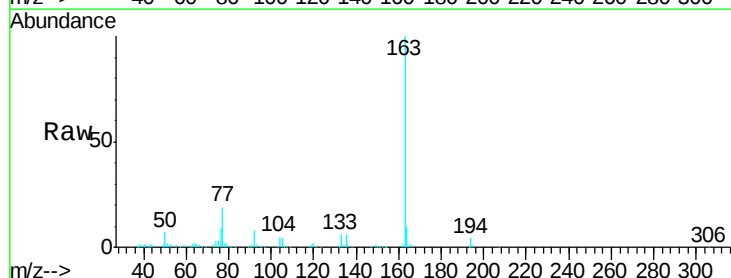
RT: 13.86 min Scan# 1849

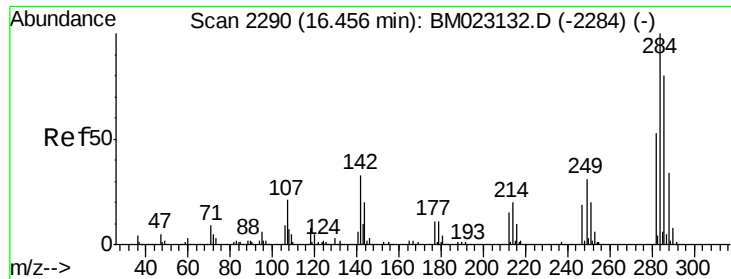
Delta R.T. -0.01 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

Tgt Ion:	163	Resp:	226276
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.0	8.1	12.1

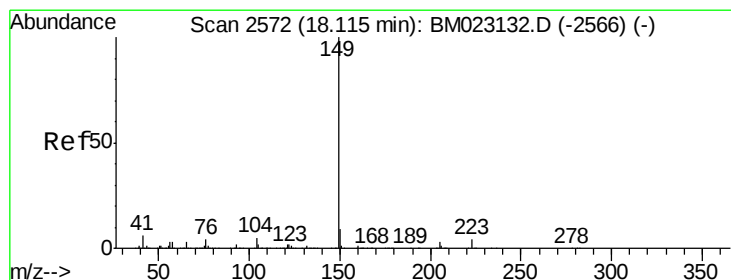
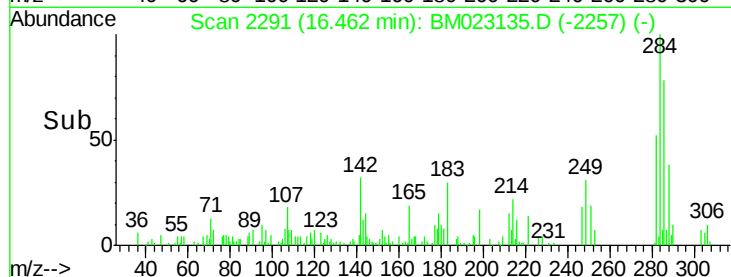
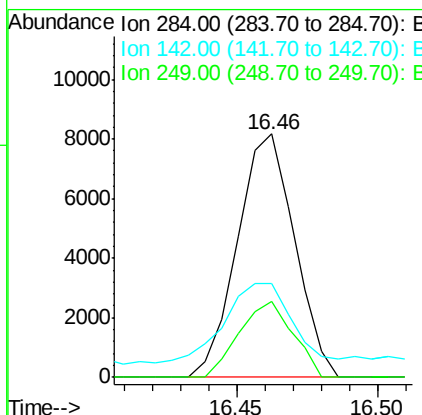
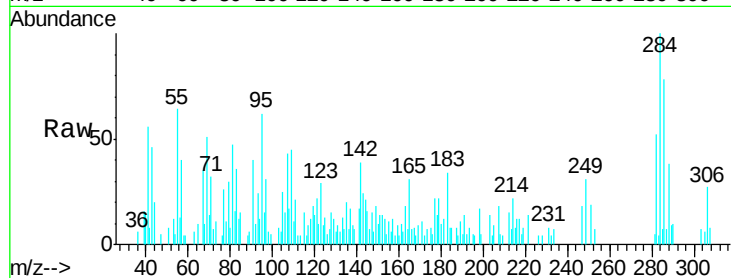




#67
Hexachlorobenzene
Concen: 1.231 ng/ul
RT: 16.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

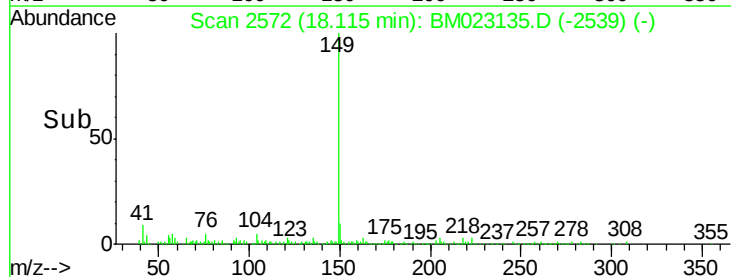
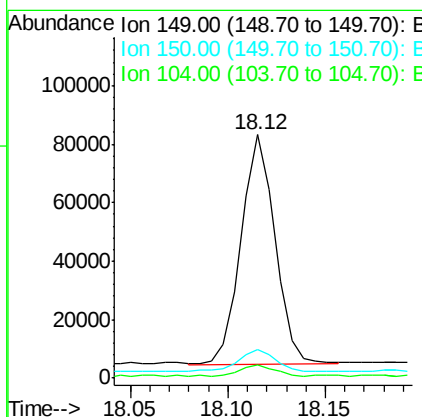
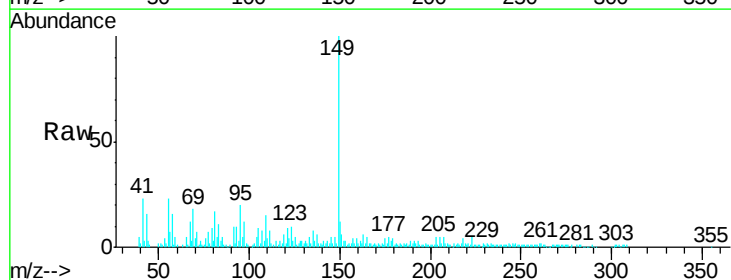
Instrument :
BNA_M
ClientSampleId :
JLM80

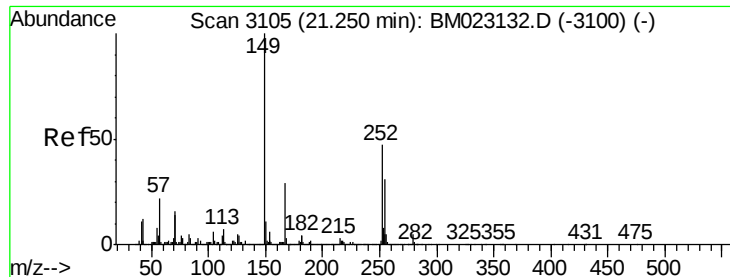
Tgt Ion: 284 Resp: 11497
Ion Ratio Lower Upper
284 100
142 38.5 27.8 41.6
249 31.0 24.2 36.2



#76
Di-n-butylphthalate
Concen: 2.134 ng/ul
RT: 18.12 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion: 149 Resp: 94457
Ion Ratio Lower Upper
149 100
150 11.8 7.4 11.0#
104 5.5 3.7 5.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.949 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

Instrument :

BNA_M

ClientSampleId :

JLM80

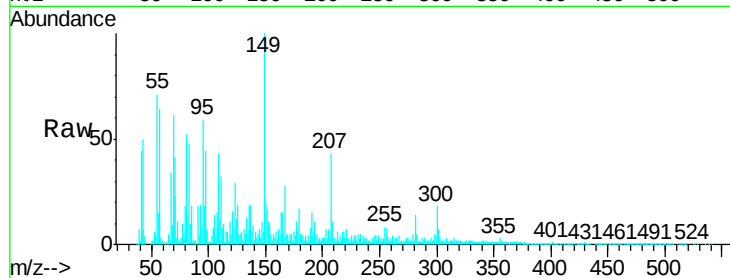
Tgt Ion:149 Resp: 148021

Ion Ratio Lower Upper

149 100

167 28.1 22.1 33.1

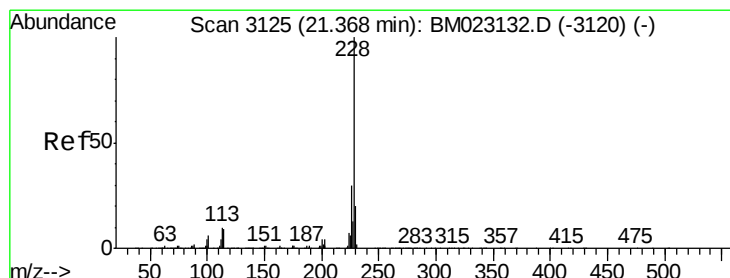
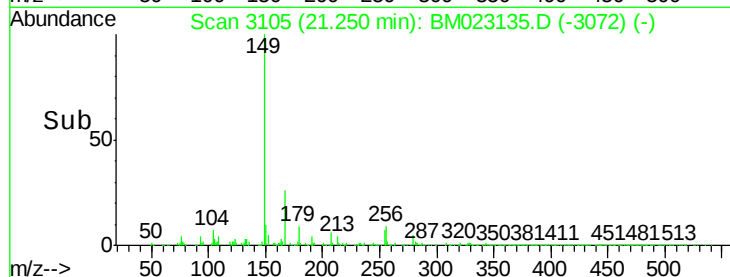
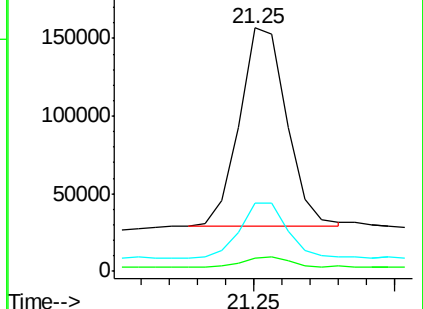
279 5.5 3.3 4.9#



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: 1.704 ng/ul

RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

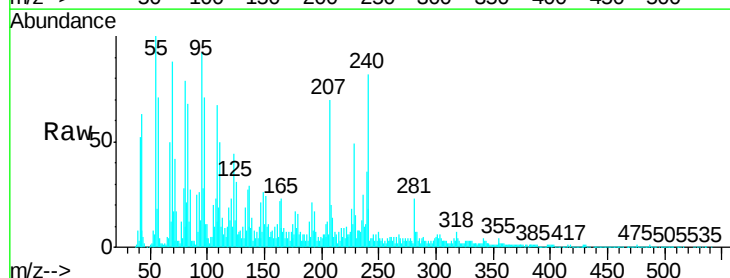
Tgt Ion:228 Resp: 81458

Ion Ratio Lower Upper

228 100

226 38.0 24.2 36.4#

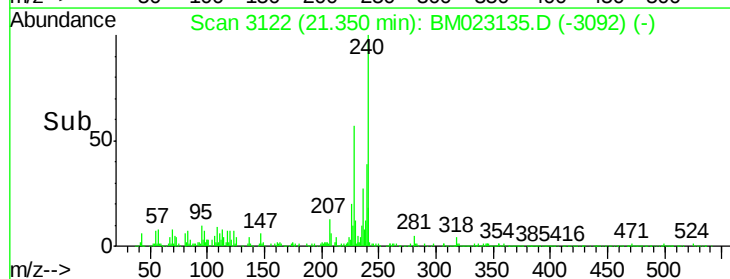
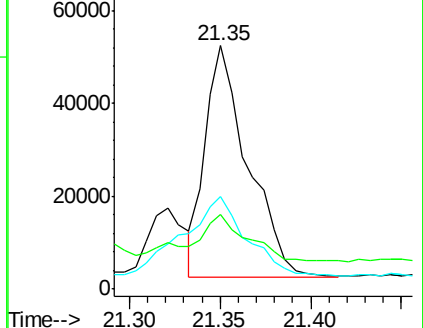
229 30.7 15.9 23.9#

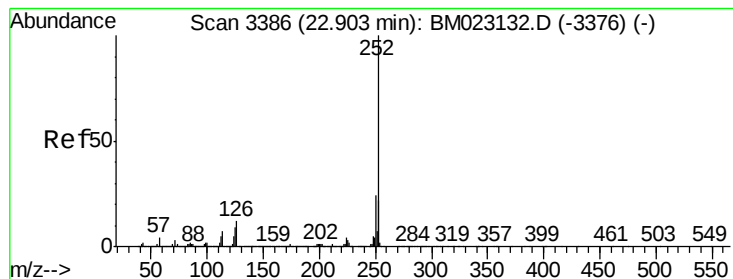


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.766 ng/ul

RT: 22.91 min Scan# 3388

Delta R.T. 0.01 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

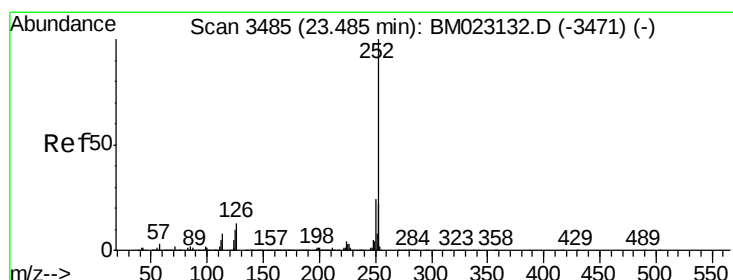
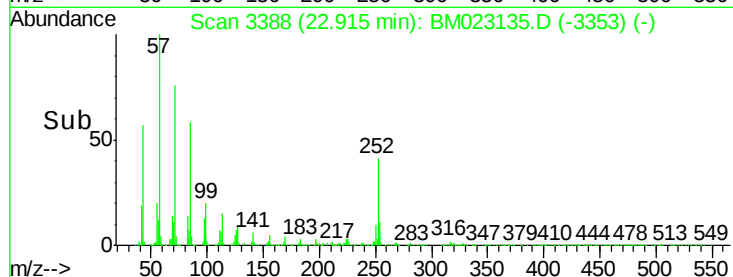
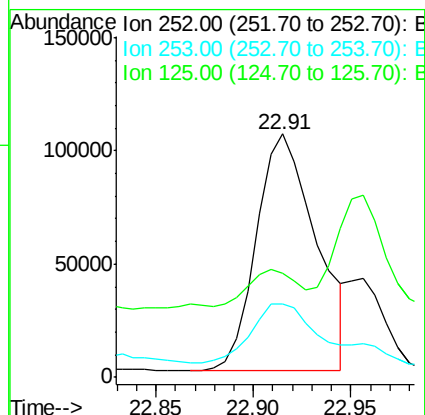
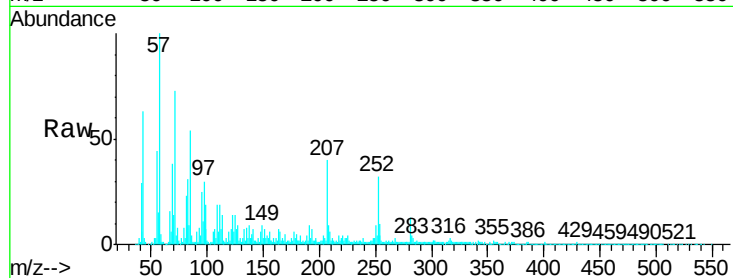
Instrument :

BNA_M

ClientSampleId :

JLM80

Tgt Ion:	252	Resp:	221662
Ion Ratio	Lower	Upper	
252	100		
253	30.2	17.7	26.5#
125	42.8	8.2	12.2#



#91

Benzo(a)pyrene

Concen: 1.555 ng/ul

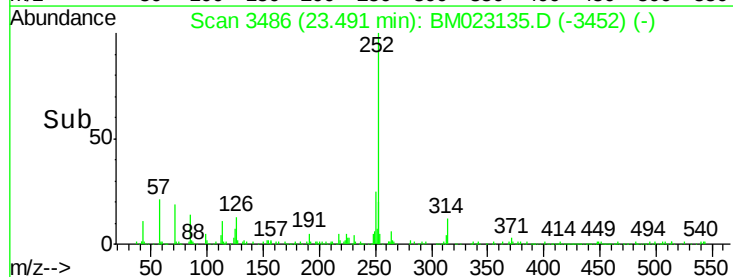
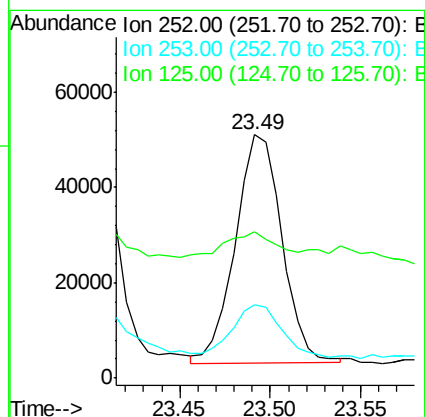
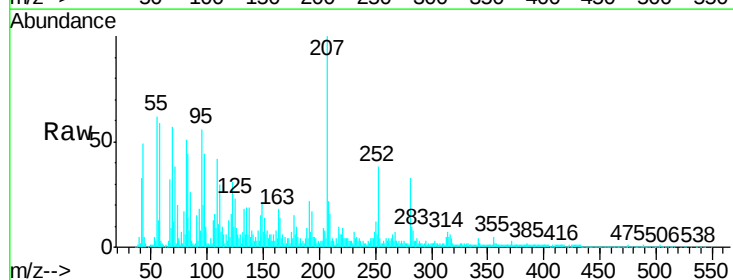
RT: 23.49 min Scan# 3486

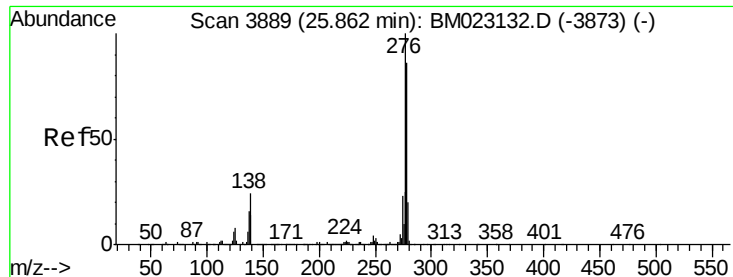
Delta R.T. -0.00 min

Lab File: BM023135.D

Acq: 11 Oct 2019 18:20

Tgt Ion:	252	Resp:	85833
Ion Ratio	Lower	Upper	
252	100		
253	30.1	17.6	26.4#
125	60.1	8.7	13.1#



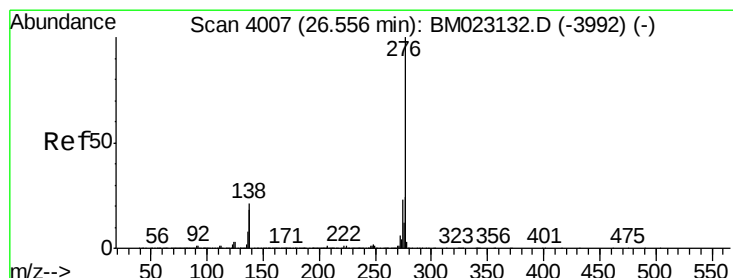
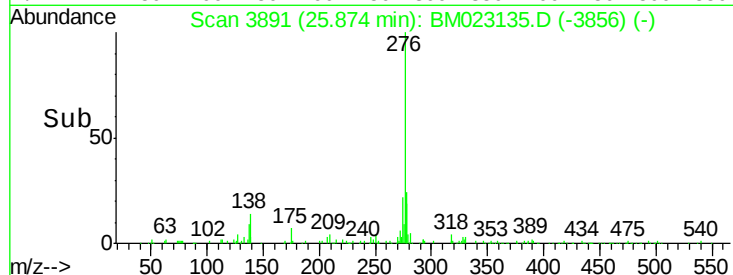
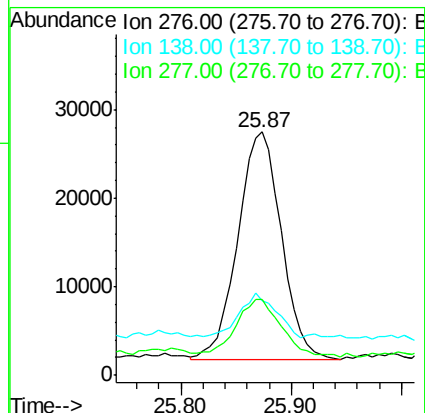
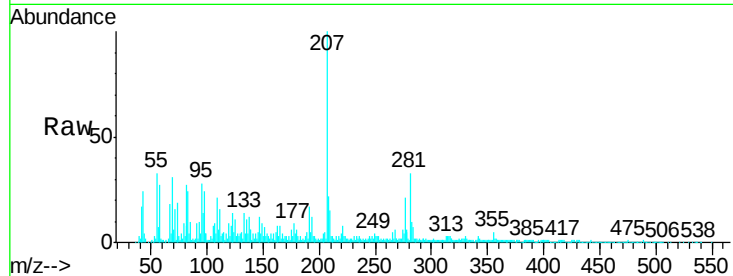


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.207 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

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Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	19.8	29.8#
277	31.0	20.3	30.5#



#94

Benzo(g,h,i)perylene
Concen: 1.764 ng/ul
RT: 26.57 min Scan# 4009
Delta R.T. -0.00 min
Lab File: BM023135.D
Acq: 11 Oct 2019 18:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	17.6	26.4#
277	30.4	19.1	28.7#

