

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
 Data File : BM023133.D
 Acq On : 11 Oct 2019 17:08
 Operator : JU
 Sample : K5124-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM92

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:02:23 AM

Quant Time: Oct 12 00:50:13 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	179770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	688369	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	381010	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	734559	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	742469	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	881534	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	16561	3.98	ng/uL	0.00
5) Phenol-d5	6.94	99	254669	16.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	169721	19.52	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	241542	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	134378	10.33	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	120057	22.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	130550	22.50	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	209363	18.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	46341	3.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	632683	21.40	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	756371	22.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.61	143	30127	5.16	ng/ul	0.00
58) Fluorene-d10	15.40	176	543431	21.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	29383	6.15	ng/ul	0.00
71) Anthracene-d10	17.25	188	798764	22.27	ng/ul	0.00
79) Pyrene-d10	19.54	212	873989	21.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1002294	21.98	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.92	77	30114	4.183	ng/ul#	39
6) Phenol	6.97	94	50042	3.005	ng/ul	99
14) Acetophenone	8.59	105	52467	2.639	ng/ul	96
28) Naphthalene	10.60	128	107715	2.897	ng/ul	99
34) 2-Methylnaphthalene	12.22	142	61388	2.202	ng/ul	100
41) 1,1'-Biphenyl	13.23	154	49975	1.602	ng/ul	98
45) Dimethylphthalate	13.86	163	255339	8.406	ng/ul	100
70) Phenanthrene	17.19	178	52773	1.204	ng/ul#	93
76) Di-n-butylphthalate	18.12	149	50665	1.082	ng/ul#	88
77) Fluoranthene	19.20	202	67413	1.367	ng/ul#	95
80) Pyrene	19.57	202	177852	3.379	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.25	149	1115307	36.264	ng/ul	98
85) Chrysene	21.37	228	64444	1.311	ng/ul#	77
88) Benzo(b)fluoranthene	22.92	252	93020m	1.590	ng/ul	
94) Benzo(g,h,i)perylene	26.59	276	88201	1.875	ng/ul#	76

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

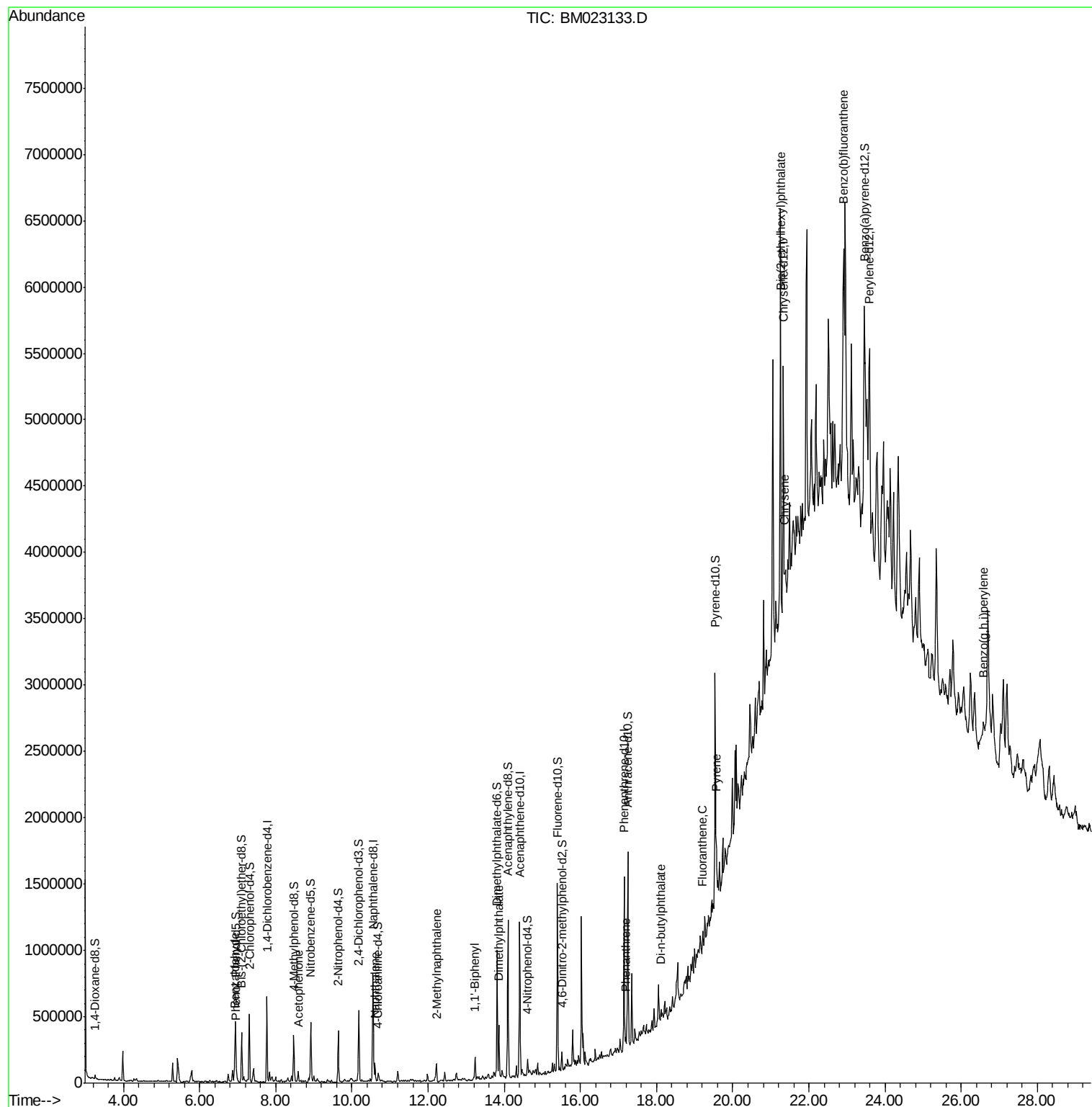
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023133.D
Acq On : 11 Oct 2019 17:08
Operator : JU
Sample : K5124-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

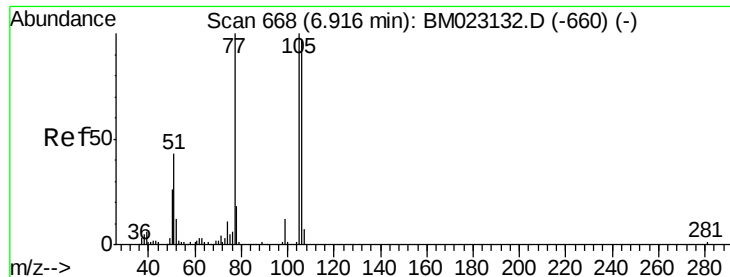
Instrument :
BNA_M
ClientSampleId :
JLM92

Quant Time: Oct 12 00:50:13 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

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#4

Benzaldehyde

Concen: 4.183 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Instrument :

BNA_M

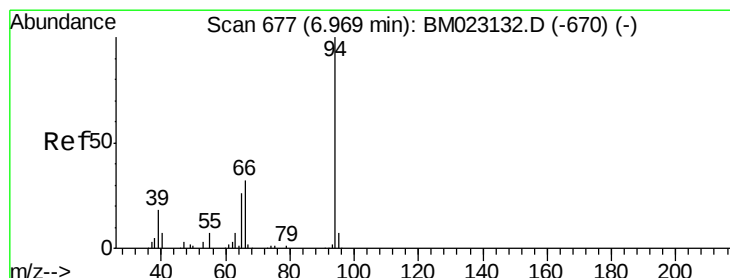
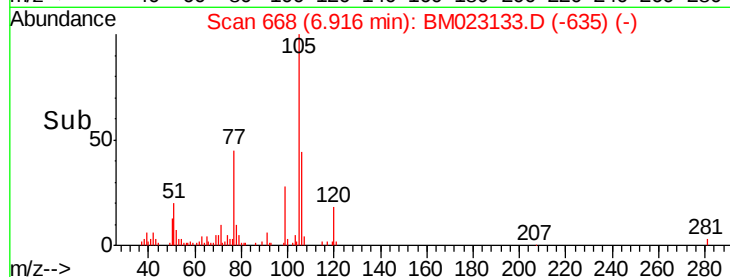
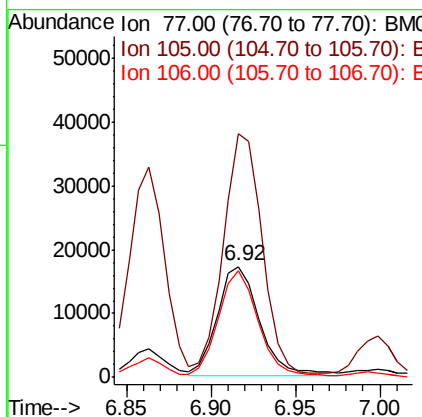
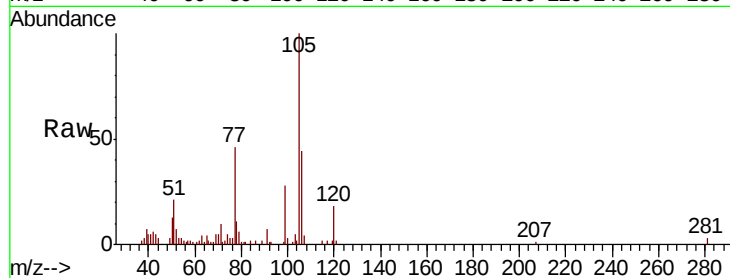
ClientSampled :

JLM92

Tot Ion	Ratio	Lower	Upper
77	100		
105	219.8	80.6	120.8#
106	96.4	77.0	115.6

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#6

Phenol

Concen: 3.005 ng/ul

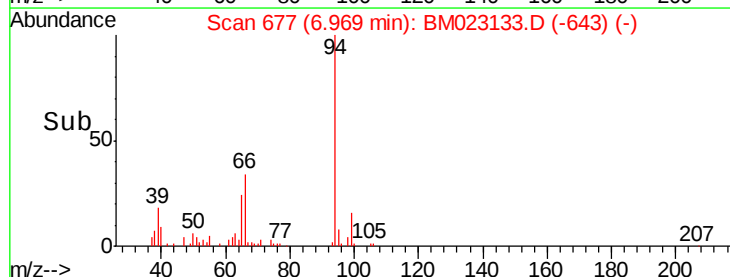
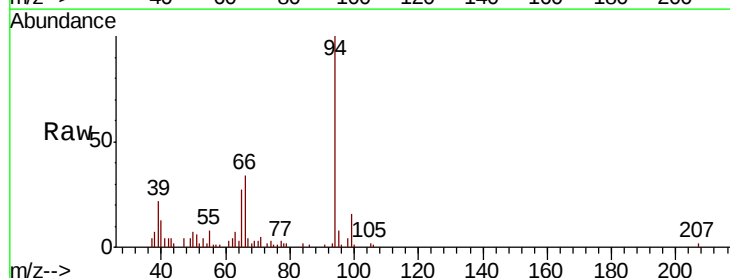
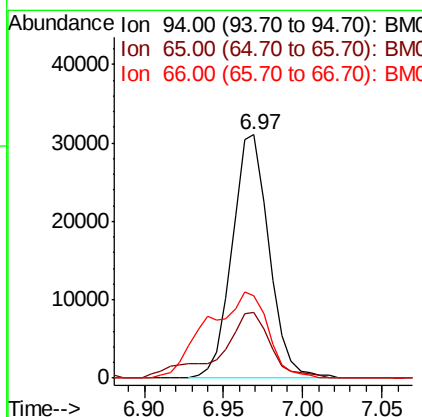
RT: 6.97 min Scan# 677

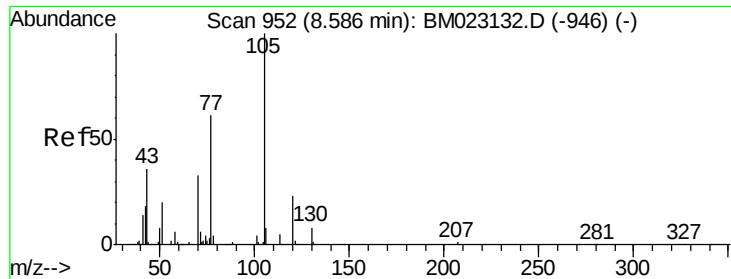
Delta R.T. 0.00 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.9	20.9	31.3
66	33.9	27.2	40.8





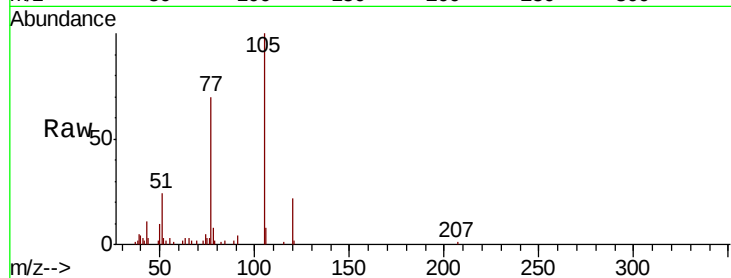
#14
Acetophenone
Concen: 2.639 ng/ul
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Instrument :
BNA_M
ClientSampleId :
JLM92

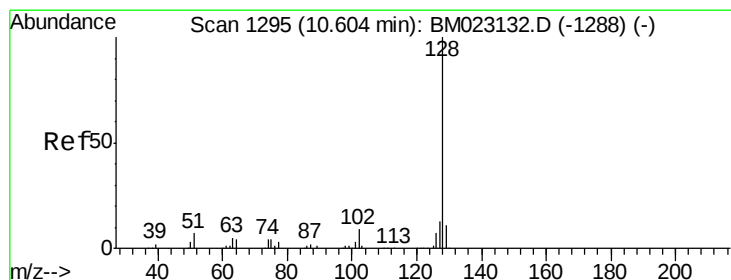
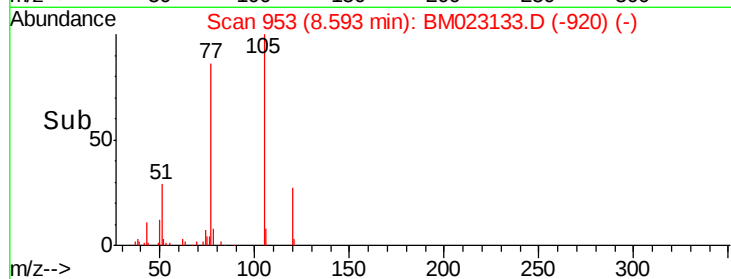
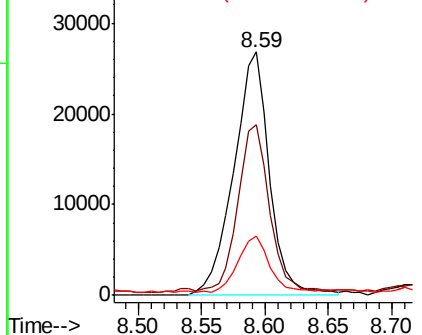
Tot Ion:	105	Resp:	52467
Ion Ratio	Lower	Upper	
105	100		
77	70.1	59.4	89.0
51	24.4	19.4	29.0

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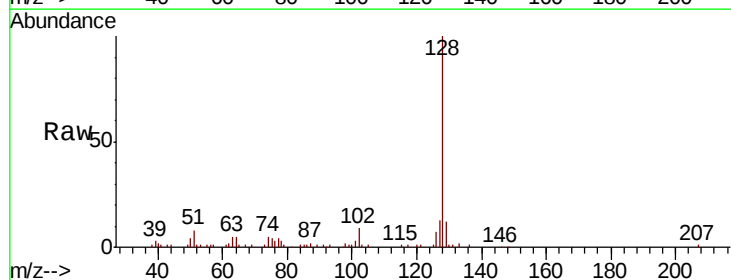


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM023133.D (-920) (-)
Ion 51.00 (50.70 to 51.70): BM023133.D (-920) (-)

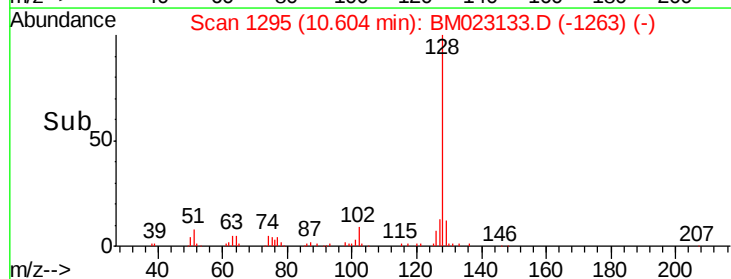
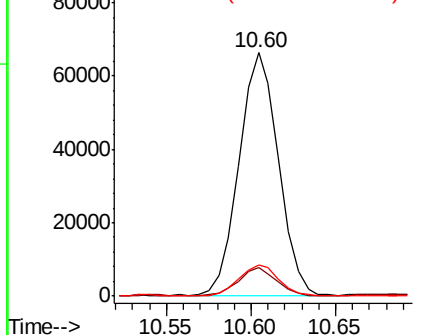


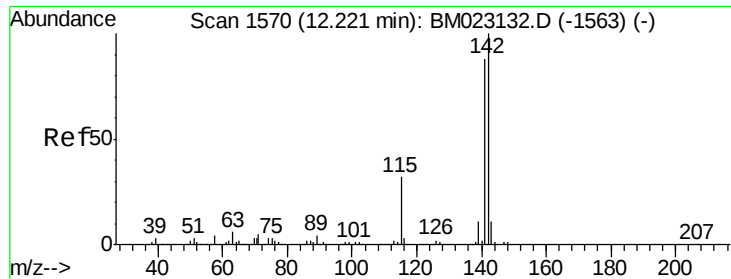
#28
Naphthalene
Concen: 2.897 ng/ul
RT: 10.60 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Tgt Ion:	128	Resp:	107715
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.6	13.0
127	13.0	10.2	15.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





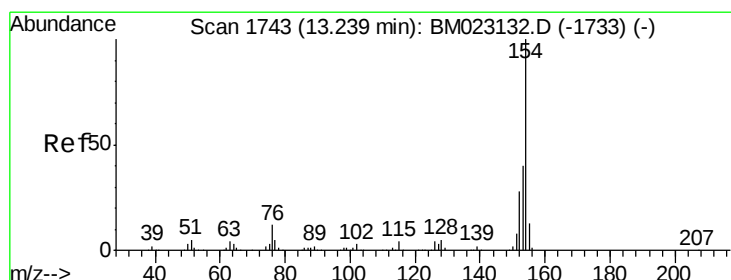
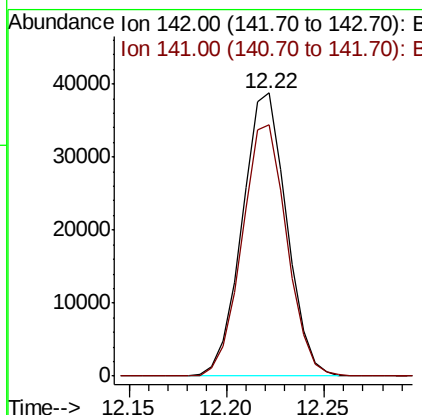
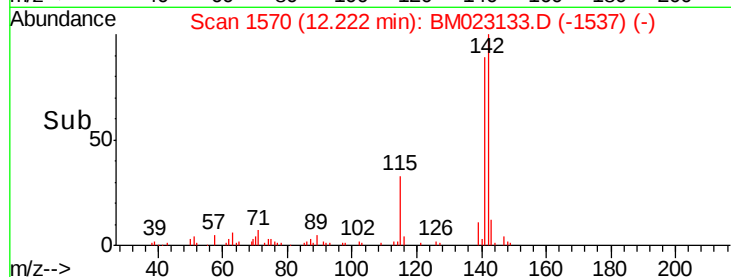
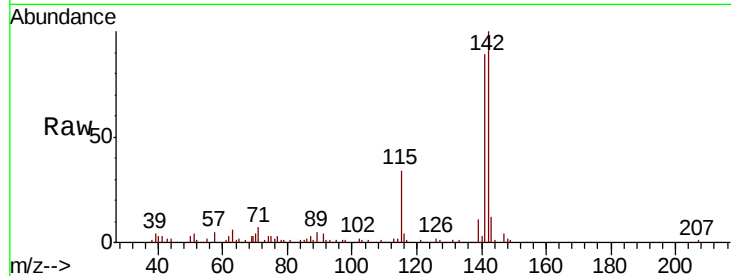
#34
2-Methylnaphthalene
Concen: 2.202 ng/ul
RT: 12.22 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Instrument :
BNA_M
ClientSampleId :
JLM92

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

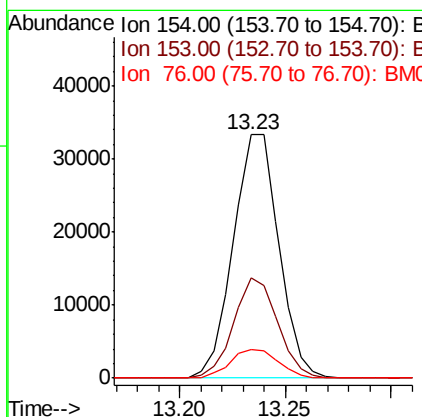
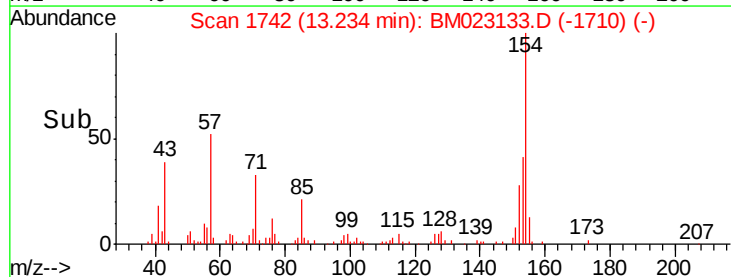
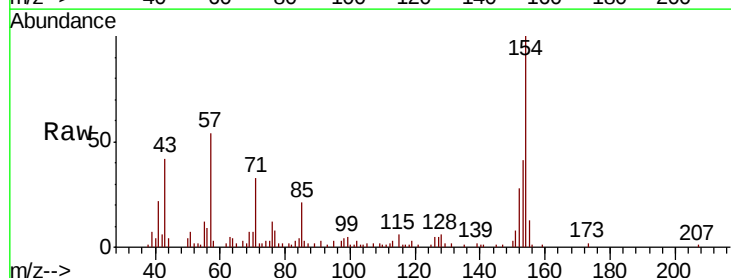
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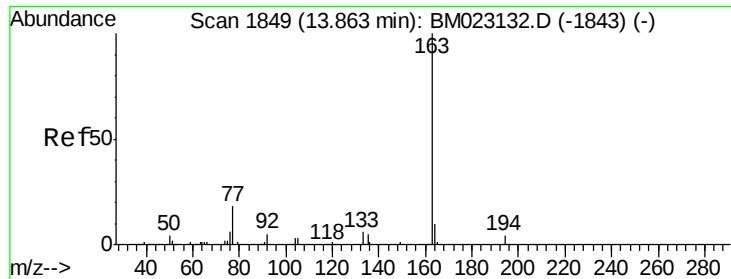
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#41
1,1'-Biphenyl
Concen: 1.602 ng/ul
RT: 13.23 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	31.8	47.6
76	11.9	9.6	14.4





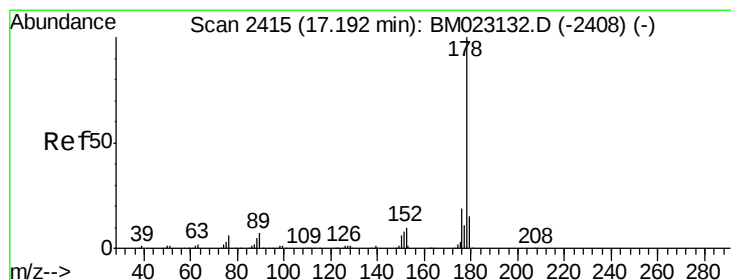
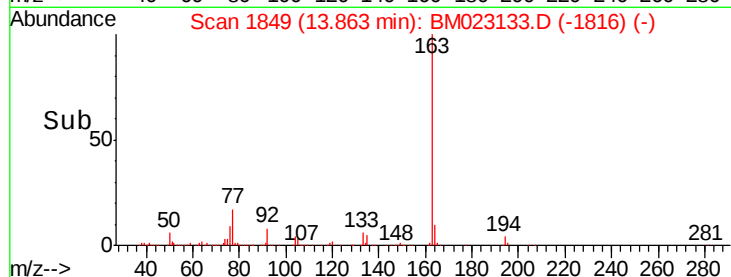
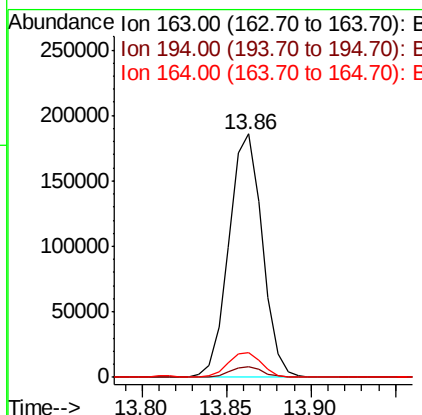
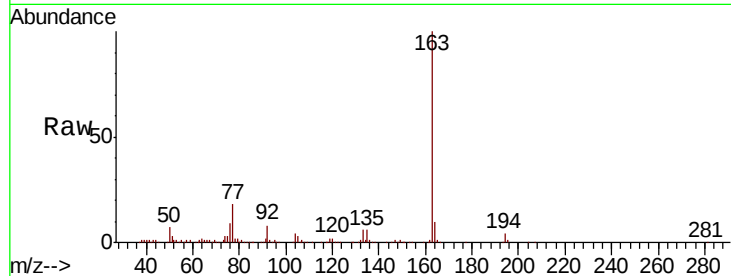
#45
Dimethylphthalate
Concen: 8.406 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Instrument :
BNA_M
ClientSampled :
JLM92

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.1	12.1

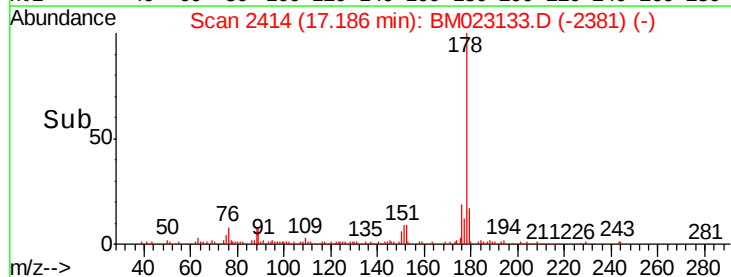
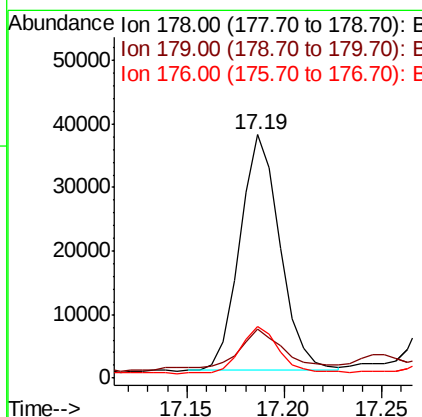
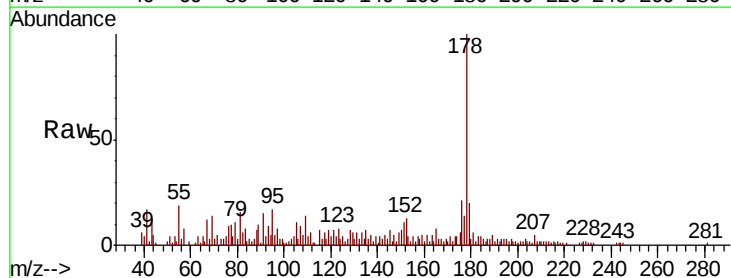
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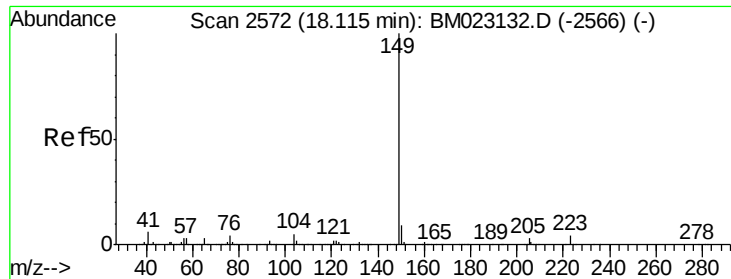
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#70
Phenanthrene
Concen: 1.204 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
179	20.1	12.4	18.6#
176	21.0	15.3	22.9





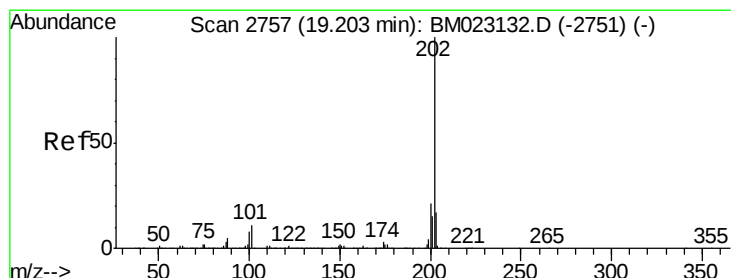
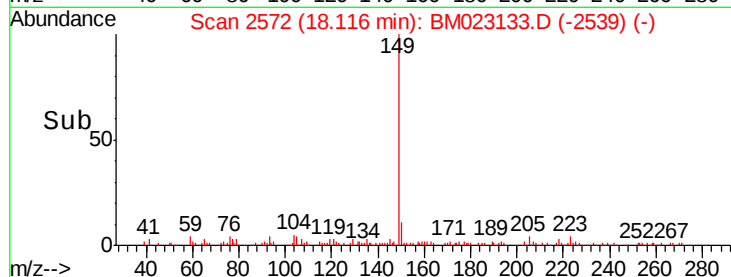
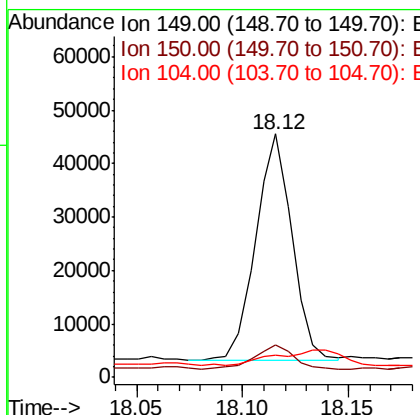
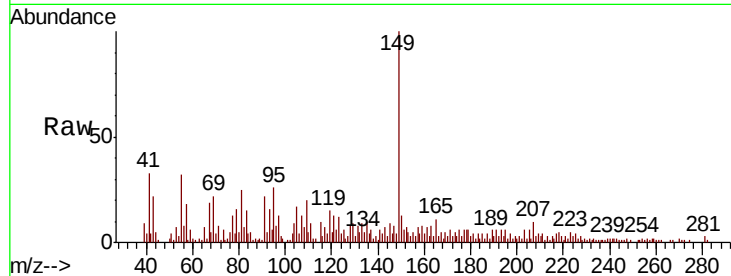
#76
Di-n-butylphthalate
Concen: 1.082 ng/ul
RT: 18.12 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Instrument :
BNA_M
ClientSampleId :
JLM92

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	13.2	7.4	11.0#
104	9.0	3.7	5.5#

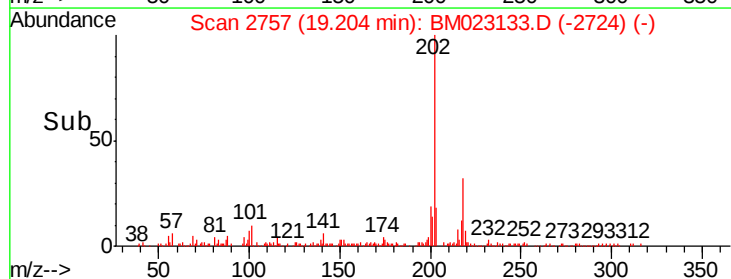
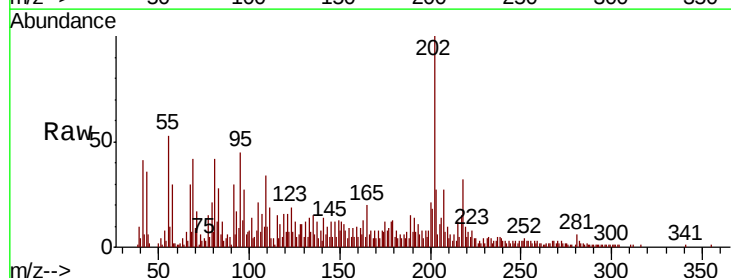
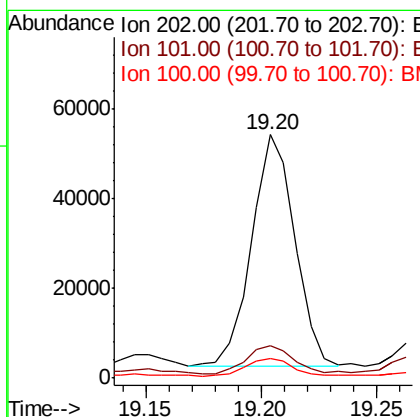
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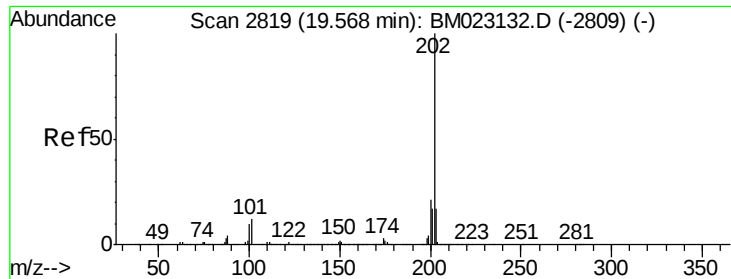
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#77
Fluoranthene
Concen: 1.367 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.6	8.6	12.8#
100	8.3	6.4	9.6





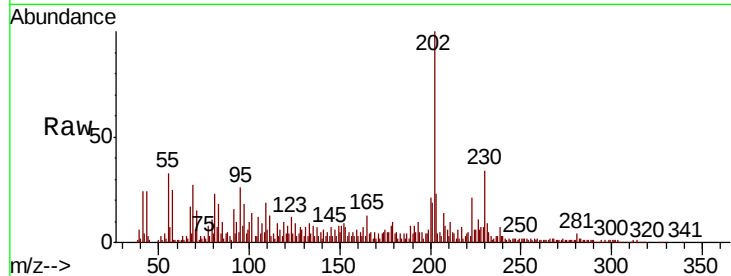
#80
Pvrene
Concen: 3.379 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Instrument :
BNA_M
ClientSampleId :
JLM92

Tot Ion	Ratio	Resp	Lower	Upper
202	100	177852		
101	14.4		9.7	14.5
100	9.8		7.8	11.8

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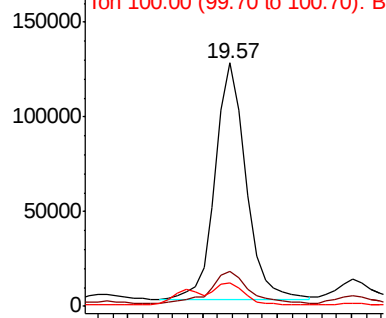


Abundance

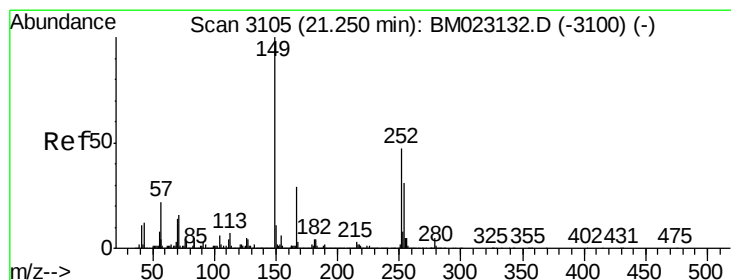
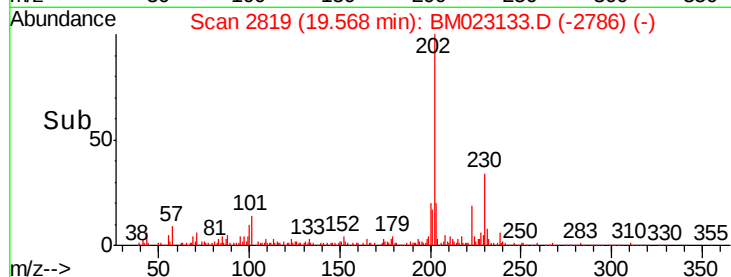
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Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

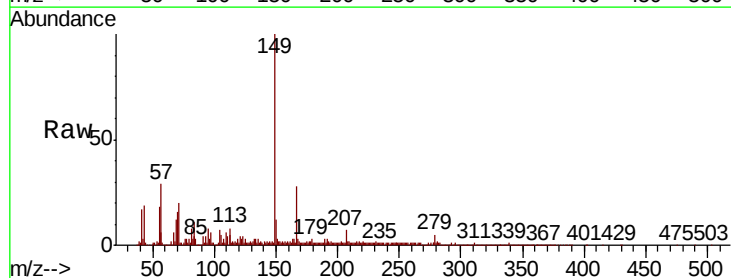


Time-->



#84
Bis(2-ethylhexyl)phthalate
Concen: 36.264 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM023133.D
Acq: 11 Oct 2019 17:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1115307		
167	28.4		22.1	33.1
279	4.8		3.3	4.9

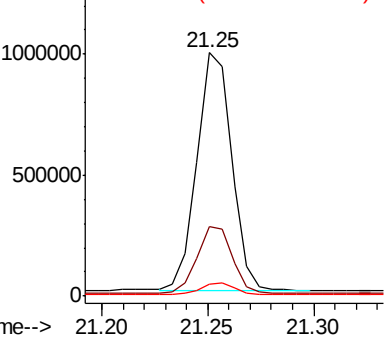


Abundance

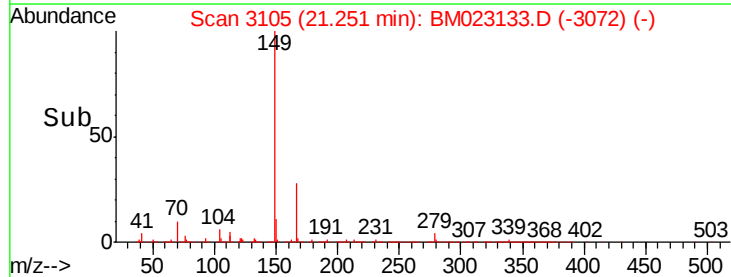
Ion 149.00 (148.70 to 149.70): E

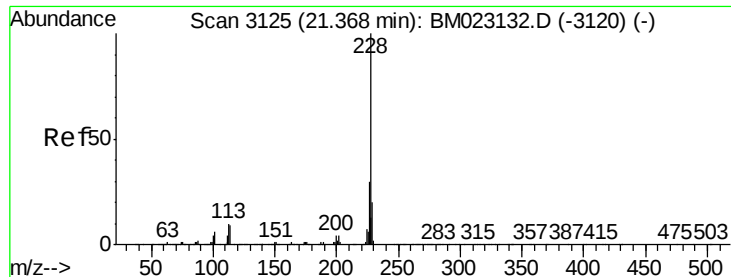
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Chrysene

Concen: 1.311 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Instrument :

BNA_M

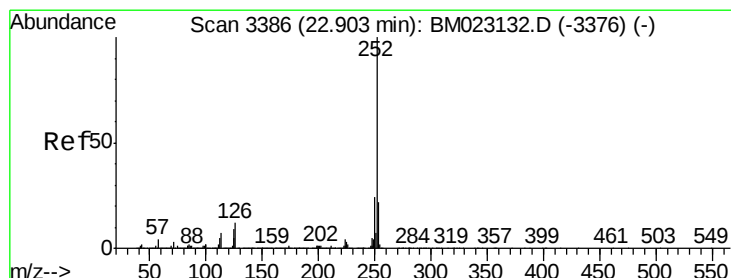
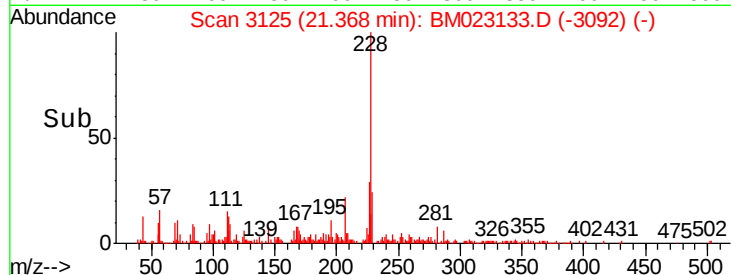
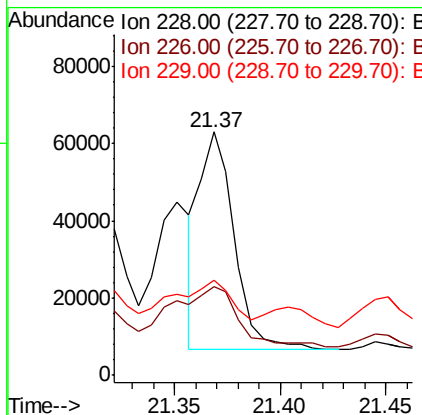
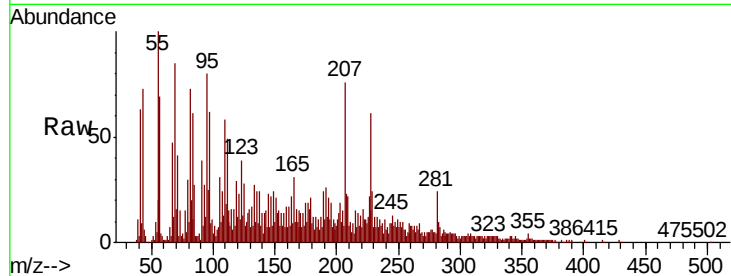
ClientSampleId :

JLM92

Tot Ion:	228	Resp:	64444
Ion Ratio	Lower	Upper	
228	100		
226	36.4	24.2	36.4
229	39.1	15.9	23.9

Manual Integrations
APPROVED

mohammad
10/16/2019 8:02:23 AM



#88

Benzo(b)fluoranthene

Concen: 1.590 ng/ul m

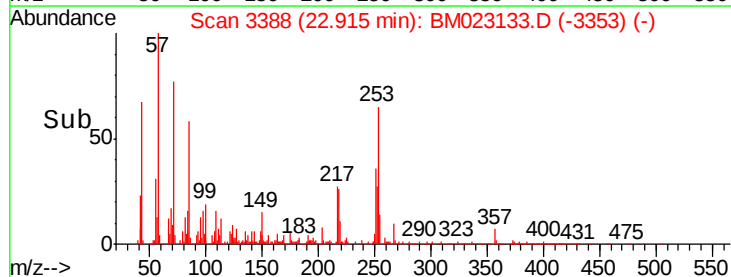
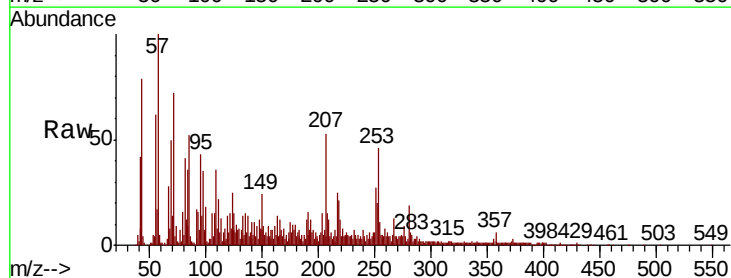
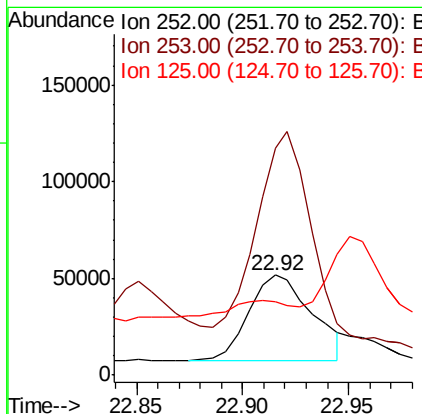
RT: 22.92 min Scan# 3388

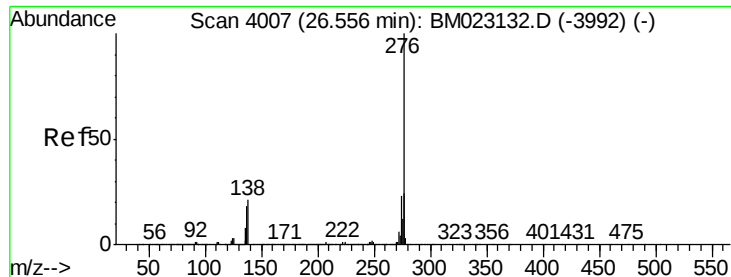
Delta R.T. 0.01 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Tgt Ion:	252	Resp:	93020
Ion Ratio	Lower	Upper	
252	100		
253	226.8	17.7	26.5
125	72.8	8.2	12.2





#94

Benzo(a,h,i)perylene

Concen: 1.875 ng/ul

RT: 26.59 min Scan# 4012

Delta R.T. 0.02 min

Lab File: BM023133.D

Acq: 11 Oct 2019 17:08

Instrument :

BNA_M

ClientSampleId :

JLM92

Tot Ion:	276	Resp:	88201
Ion Ratio	Lower	Upper	
276	100		
138	33.5	17.6	26.4#
277	36.1	19.1	28.7#

Manual Integrations
APPROVED

mohammad
10/16/2019 8:02:23 AM

