

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
 Data File : BM020428.D
 Acq On : 20 May 2019 12:54
 Operator : JU/SJ
 Sample : K2633-04DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 GAJ96DL

Manual Integrations
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Sohil
 5/21/2019 8:27:56 AM

Quant Time: May 21 02:30:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	65745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	250550	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	152116	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	337253	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	338198	20.00	ng/ul	0.02
85) Perylene-d12	23.62	264	395142	20.00	ng/ul	0.03

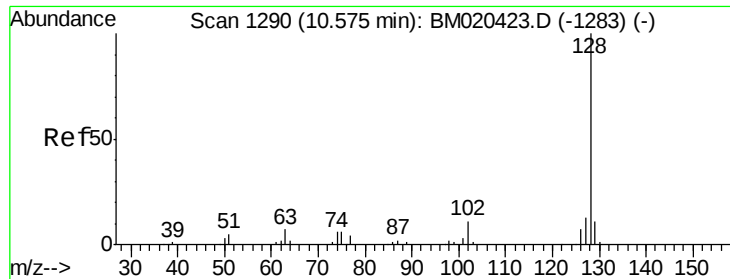
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	785	0.44	ng/uL	0.02
5) Phenol-d5	6.91	99	10975	2.09	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	7399	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	9954	2.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	4384	1.15	ng/ul	0.02
19) Nitrobenzene-d5	8.92	128	3972	2.44	ng/ul	0.02
22) 2-Nitrophenol-d4	9.62	143	4209	2.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	9449	2.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.70	131	2649	0.67	ng/ul	0.03
43) Dimethylphthalate-d6	13.80	166	36203	3.31	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	44795	3.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	741	0.47	ng/ul	0.01
57) Fluorene-d10	15.39	176	33453	3.44	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	320	0.17	ng/ul	0.02
70) Anthracene-d10	17.24	188	49226	3.40	ng/ul	0.01
78) Pyrene-d10	19.54	212	58280	3.58	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.47	264	59343	3.30	ng/ul	0.03

Target Compounds

					Qvalue	
28) Naphthalene	10.58	128	88344	7.674	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	1538259	184.561	ng/ul	98
40) 1,1'-Biphenyl	13.22	154	310065	28.472	ng/ul	99
47) Acenaphthylene	14.12	152	916022	70.957	ng/ul	97
49) Acenaphthene	14.45	153	107764	12.143	ng/ul	99
53) Dibenzofuran	14.79	168	131371	9.775	ng/ul	94
58) Fluorene	15.44	166	612554	56.895	ng/ul	100
69) Phenanthrene	17.19	178	3768116	234.492	ng/ul	100
71) Anthracene	17.27	178	252306	15.435	ng/ul	99
76) Fluoranthene	19.21	202	673813	33.195	ng/ul	98
79) Pyrene	19.57	202	1030305	50.756	ng/ul	98
82) Benzo(a)anthracene	21.32	228	353009	17.342	ng/ul	97
84) Chrysene	21.37	228	333363	17.137	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	181767m	8.060	ng/ul	
88) Benzo(k)fluoranthene	22.97	252	62594m	2.826	ng/ul	
90) Benzo(a)pyrene	23.52	252	112767	5.313	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.93	276	74880	3.096	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.94	278	28757	1.391	ng/ul#	82
93) Benzo(g,h,i)perylene	26.65	276	57175	2.856	ng/ul	94

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



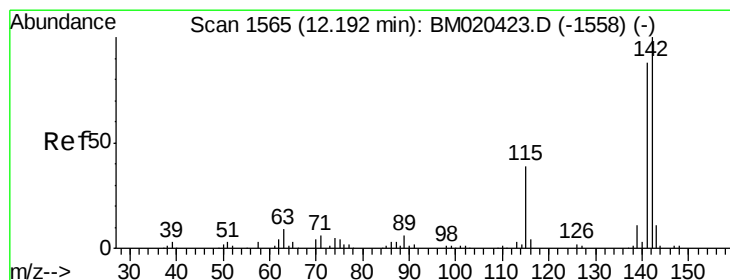
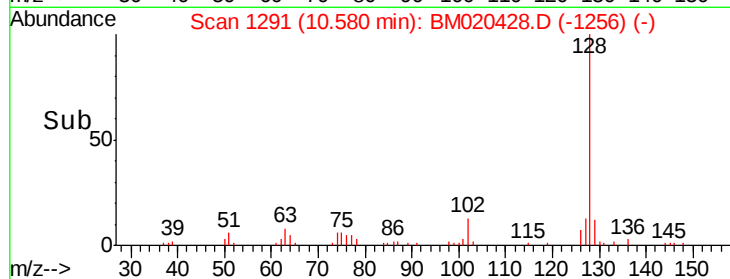
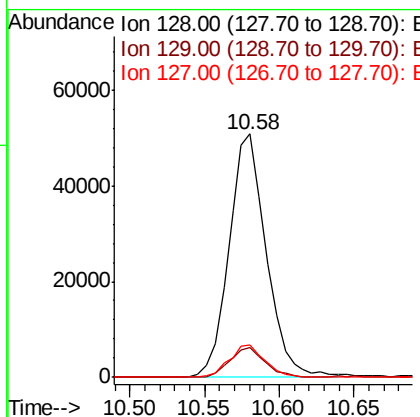
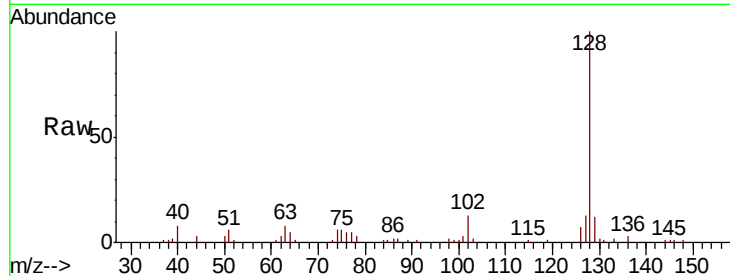
#28
Naphthalene
Concen: 7.674 ng/ul
RT: 10.58 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM020428.D
Acq: 20 May 2019 12:54

Instrument :
BNA_M
ClientSampleId :
GAJ96DL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	13.0
127	13.1	10.6	15.8

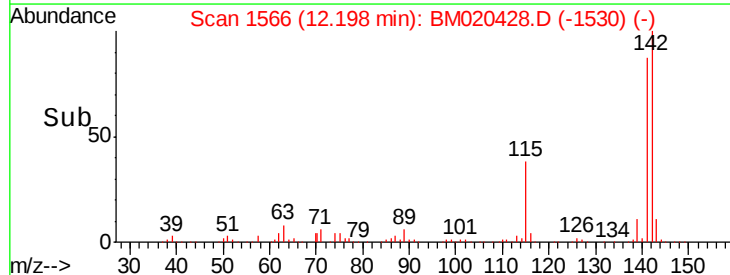
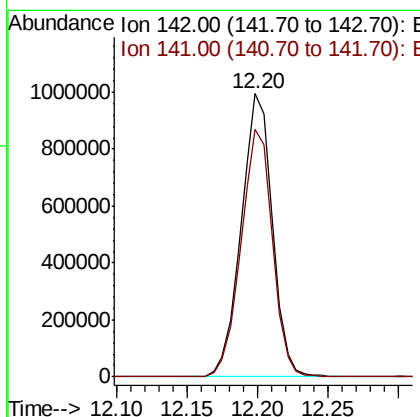
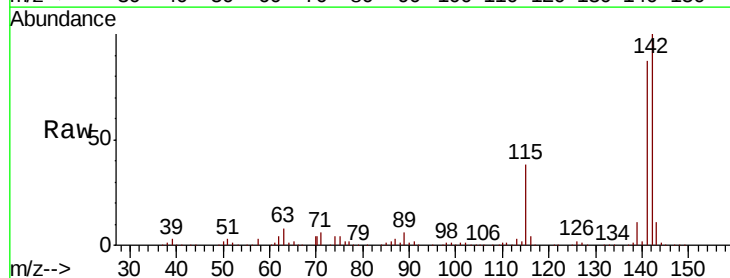
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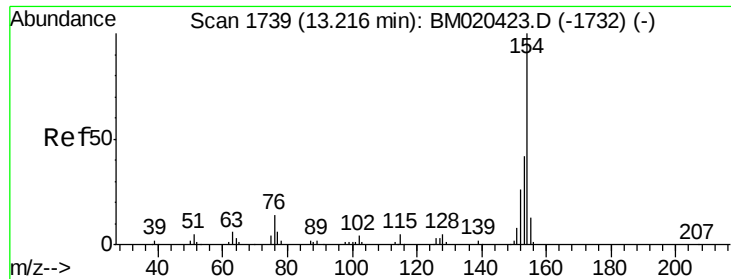
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#34
2-Methylnaphthalene
Concen: 184.561 ng/ul
RT: 12.20 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BM020428.D
Acq: 20 May 2019 12:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.5	68.6	102.8





#40

1,1'-Biphenyl

Concen: 28.472 ng/ul

RT: 13.22 min Scan# 1739

Delta R.T. 0.01 min

Lab File: BM020428.D

Acq: 20 May 2019 12:54

Instrument :

BNA_M

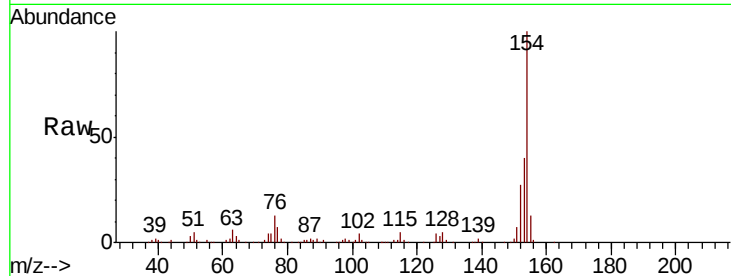
ClientSampled :

GAJ96DL

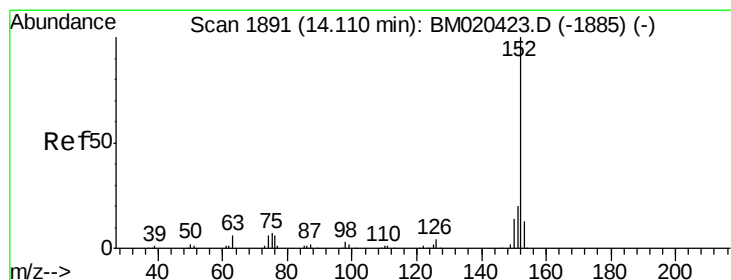
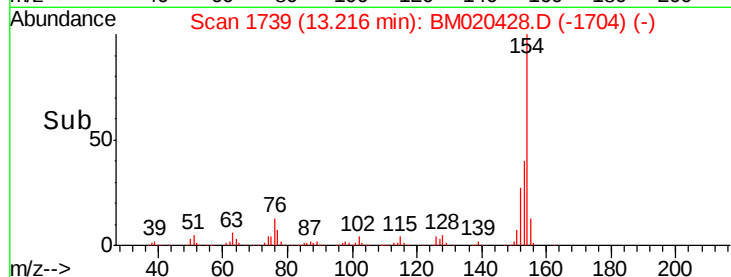
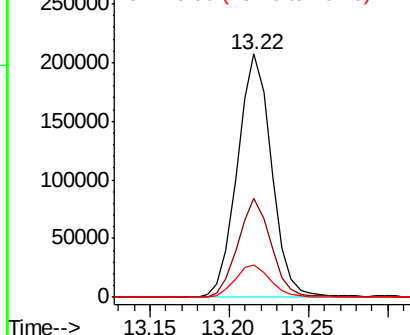
Tgt Ion:	154	Resp:	310065
Ion Ratio	Lower	Upper	
154	100		
153	40.5	32.2	48.4
76	13.2	11.0	16.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM



#47

Acenaphthylene

Concen: 70.957 ng/ul

RT: 14.12 min Scan# 1892

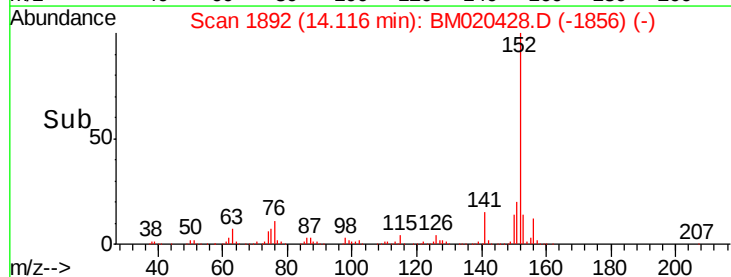
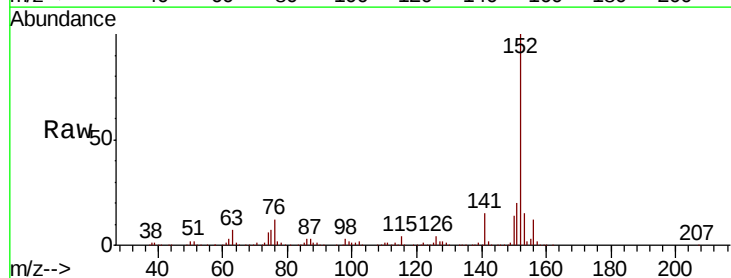
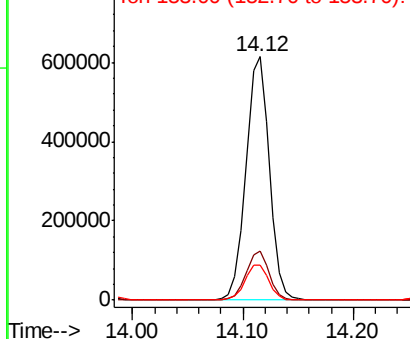
Delta R.T. 0.01 min

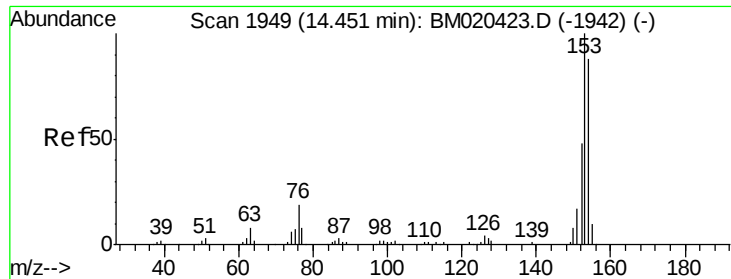
Lab File: BM020428.D

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Tgt Ion:	152	Resp:	916022
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.4	23.0
153	14.5	10.3	15.5

Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 12.143 ng/ul

RT: 14.45 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BM020428.D

Acq: 20 May 2019 12:54

Instrument :

BNA_M

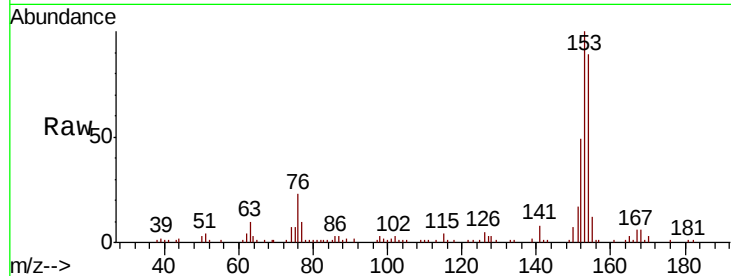
ClientSampleId :

GAJ96DL

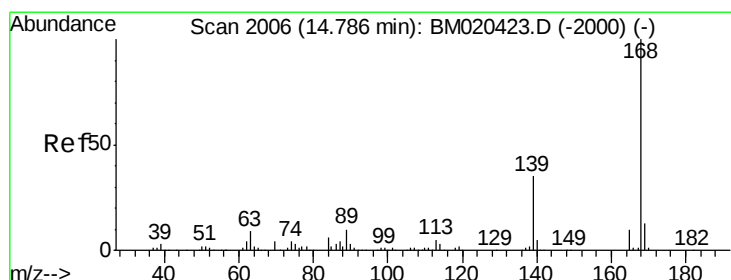
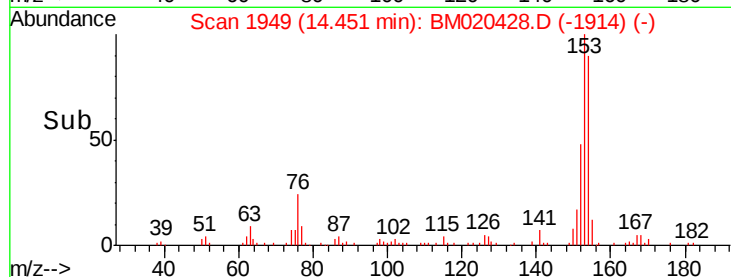
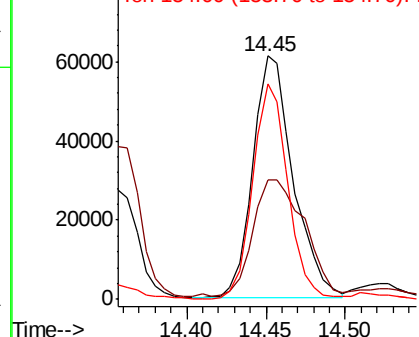
Tgt Ion:	153	Resp:	107764
Ion Ratio	Lower	Upper	
153	100		
152	49.3	37.9	56.9
154	88.5	71.2	106.8

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 9.775 ng/ul

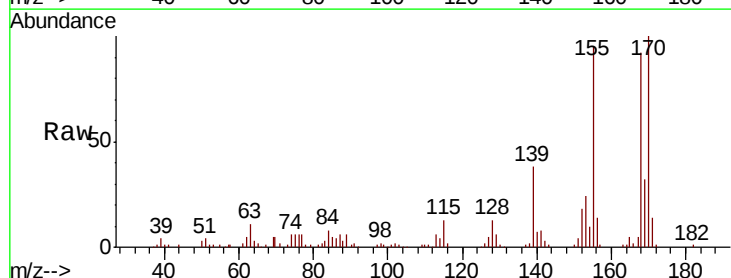
RT: 14.79 min Scan# 2006

Delta R.T. 0.01 min

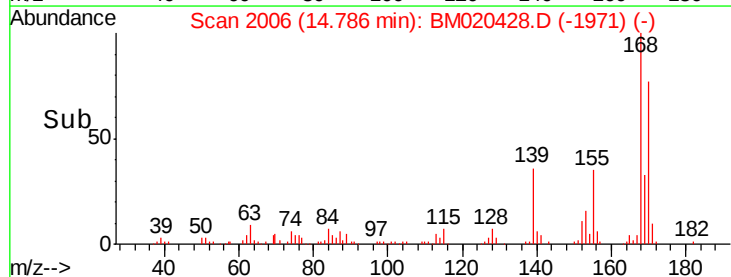
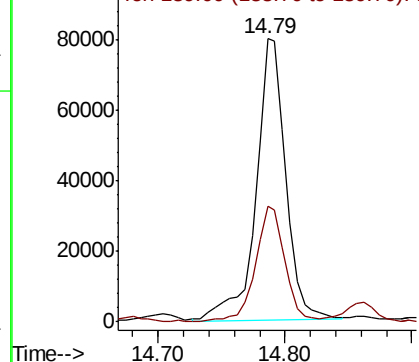
Lab File: BM020428.D

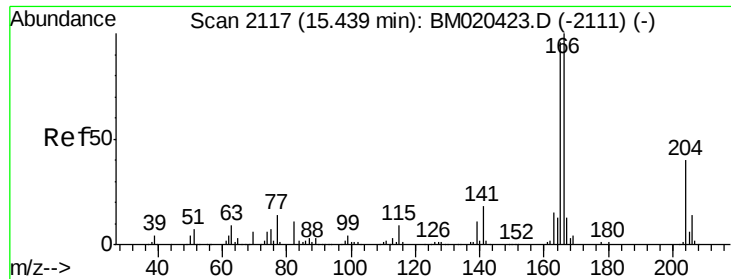
Acq: 20 May 2019 12:54

Tgt Ion:	168	Resp:	131371
Ion Ratio	Lower	Upper	
168	100		
139	41.1	30.1	45.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





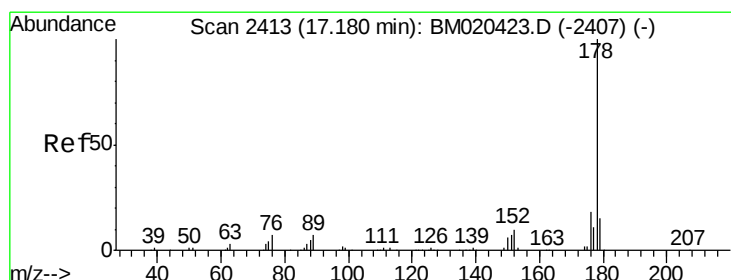
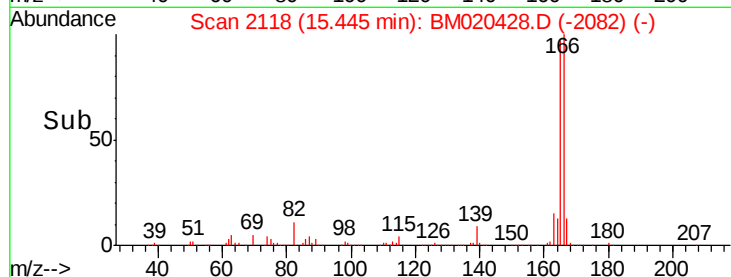
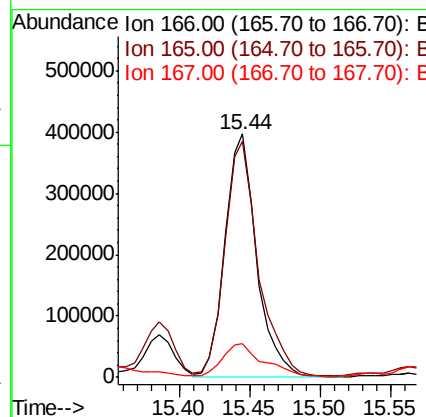
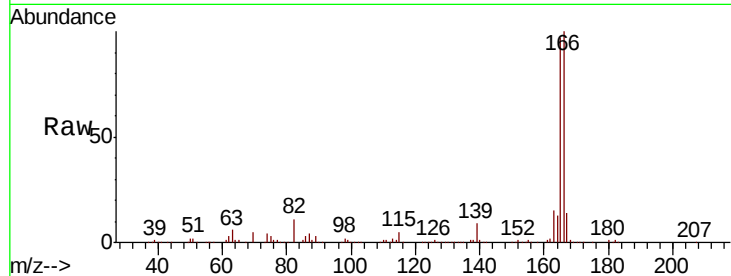
#58
 Fluorene
 Concen: 56.895 ng/ul
 RT: 15.44 min Scan# 2118
 Delta R.T. 0.01 min
 Lab File: BM020428.D
 Acq: 20 May 2019 12:54

Instrument :
 BNA_M
 ClientSampleID :
 GAJ96DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.1	115.7
167	13.9	11.1	16.7

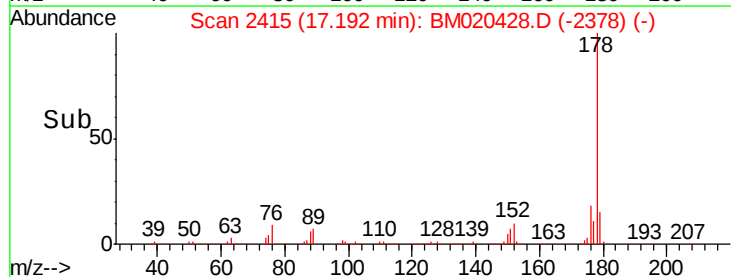
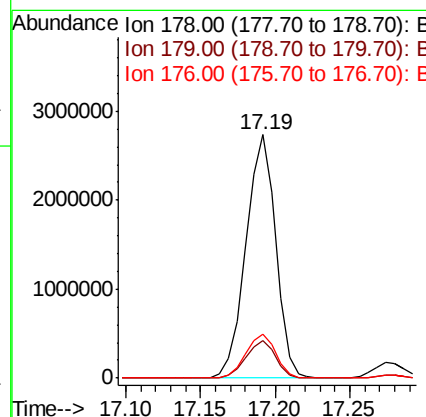
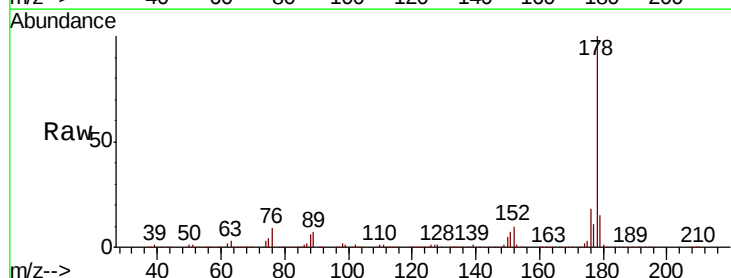
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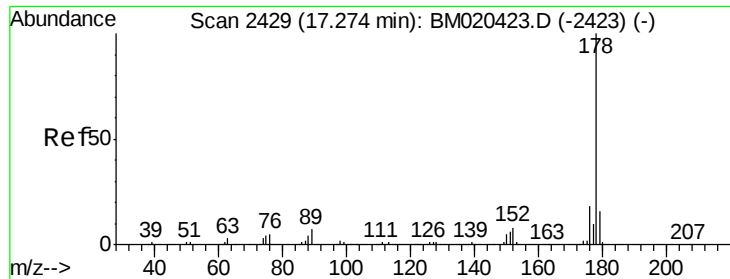
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#69
 Phenanthrene
 Concen: 234.492 ng/ul
 RT: 17.19 min Scan# 2415
 Delta R.T. 0.02 min
 Lab File: BM020428.D
 Acq: 20 May 2019 12:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.9	17.9
176	18.3	14.6	22.0





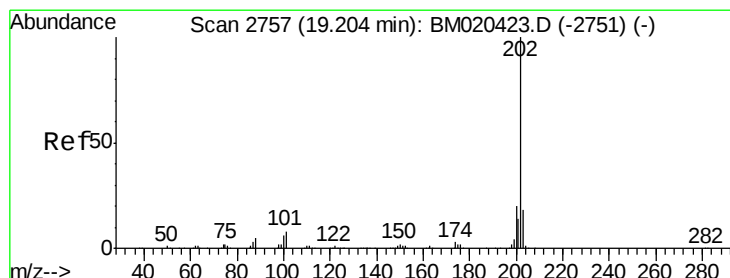
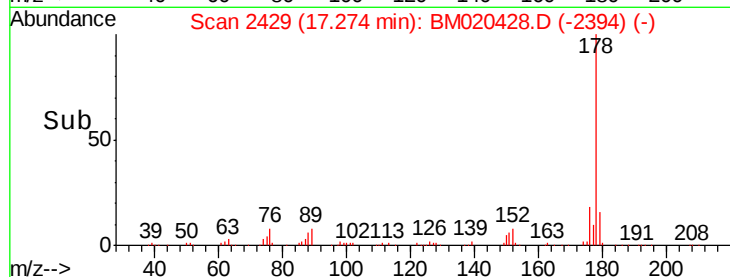
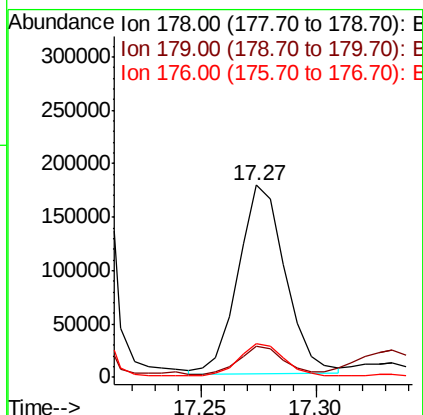
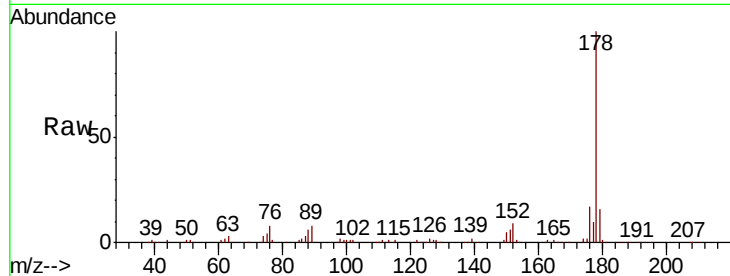
#71
 Anthracene
 Concen: 15.435 ng/ul
 RT: 17.27 min Scan# 2429
 Delta R.T. 0.01 min
 Lab File: BM020428.D
 Acq: 20 May 2019 12:54

Instrument :
 BNA_M
 ClientSampleId :
 GAJ96DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	252306		
179	16.2		12.4	18.6
176	17.5		14.4	21.6

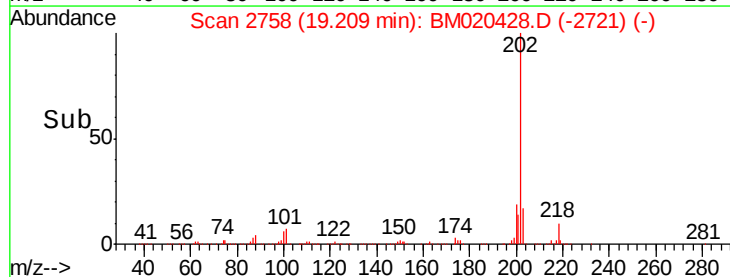
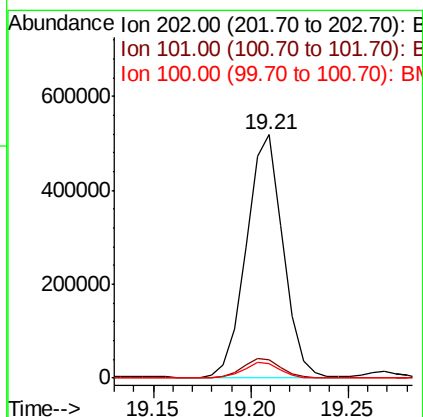
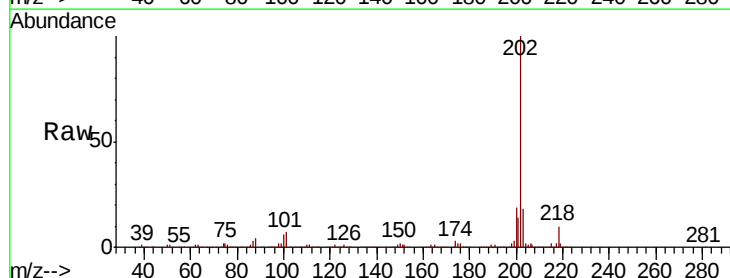
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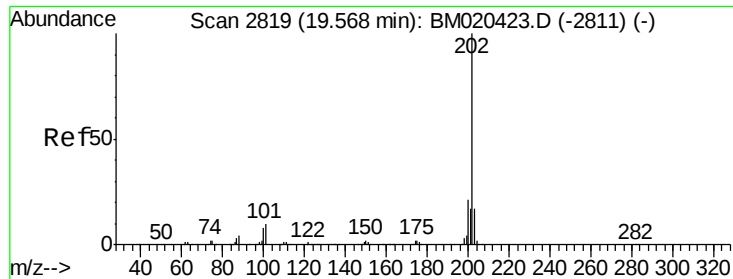
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#76
 Fluoranthene
 Concen: 33.195 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. 0.02 min
 Lab File: BM020428.D
 Acq: 20 May 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	673813		
101	7.5		6.4	9.6
100	5.8		5.2	7.8





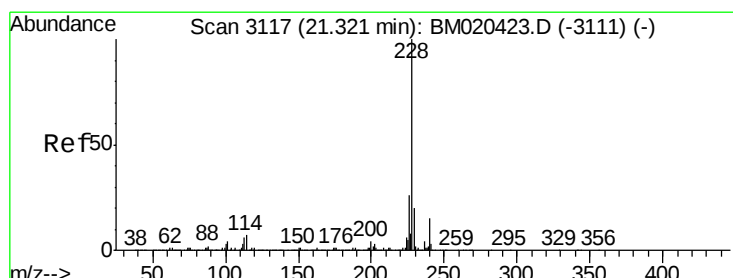
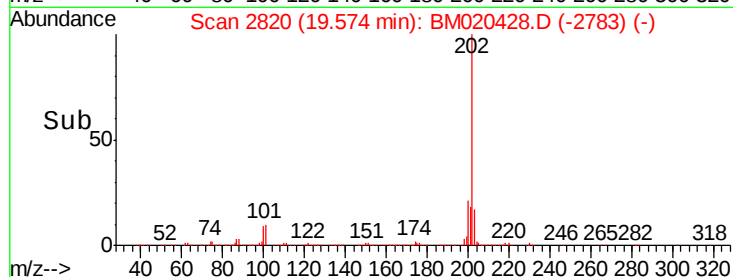
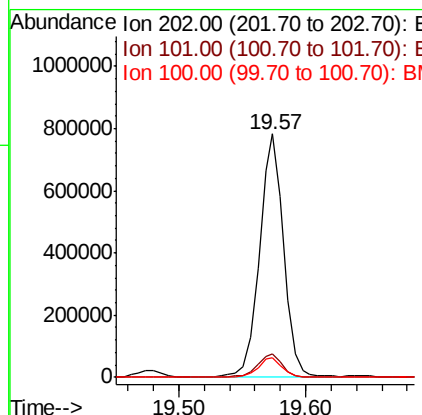
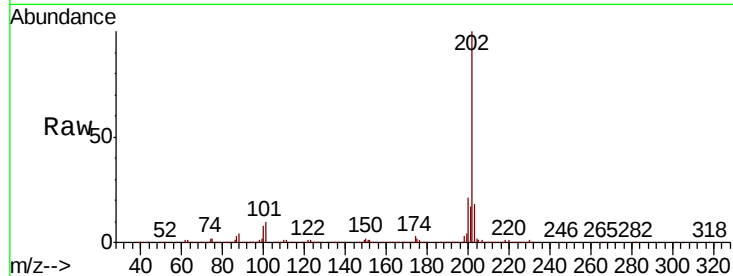
#79
Pyrene
Concen: 50.756 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. 0.02 min
Lab File: BM020428.D
Acq: 20 May 2019 12:54

Instrument :
BNA_M
ClientSampled :
GAJ96DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.1	10.7
100	8.0	5.9	8.9

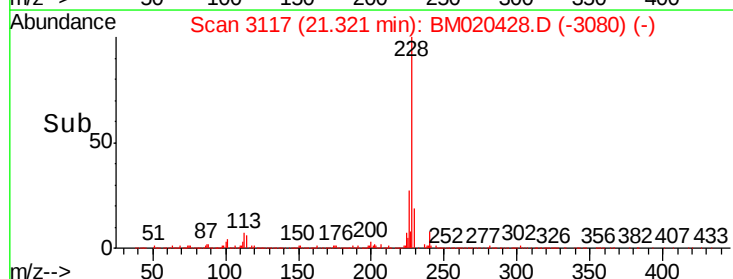
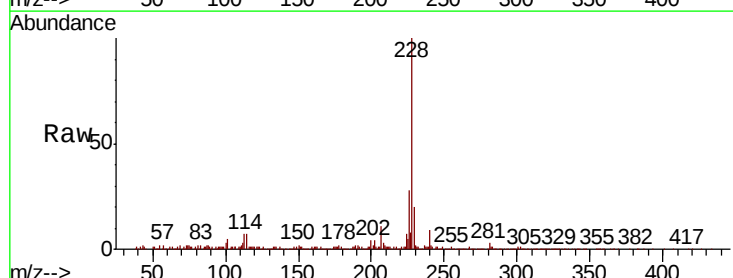
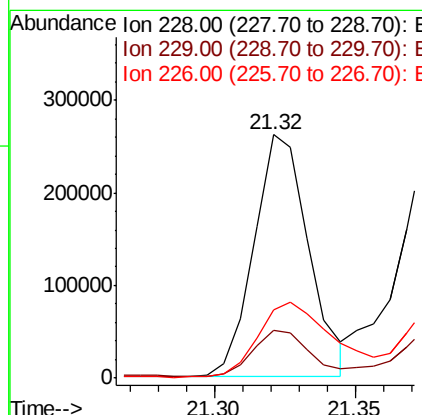
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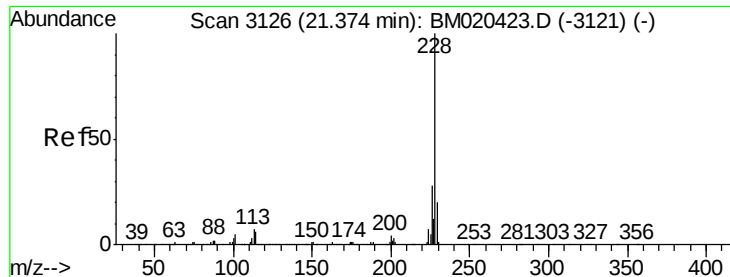
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#82
Benzo(a)anthracene
Concen: 17.342 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. 0.02 min
Lab File: BM020428.D
Acq: 20 May 2019 12:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	28.2	20.6	30.8





#84

Chrysene

Concen: 17.137 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.02 min

Lab File: BM020428.D

Acq: 20 May 2019 12:54

Instrument :

BNA_M

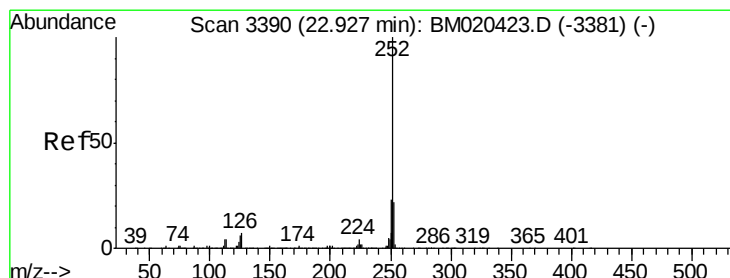
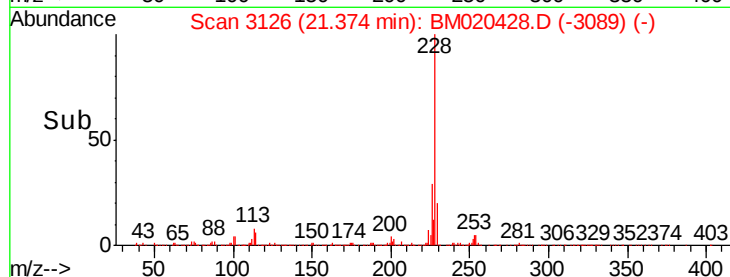
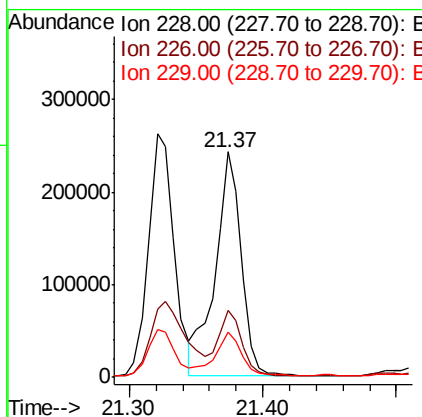
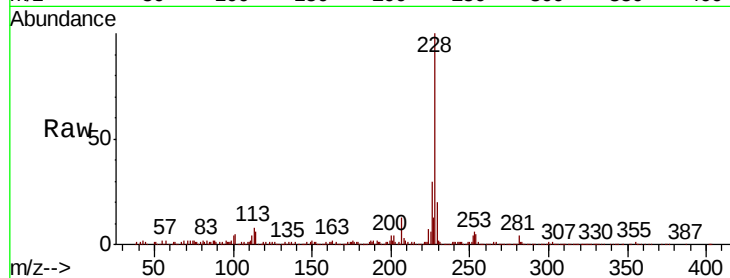
ClientSampleId :

GAJ96DL

Tgt Ion:	228	Resp:	333363
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.2	33.4
229	20.3	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 8.060 ng/ul m

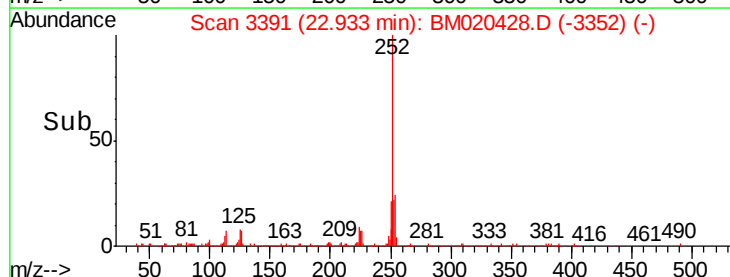
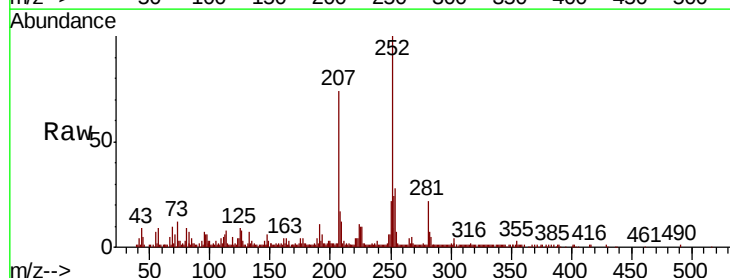
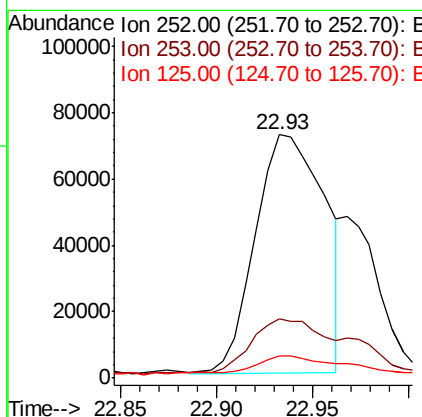
RT: 22.93 min Scan# 3391

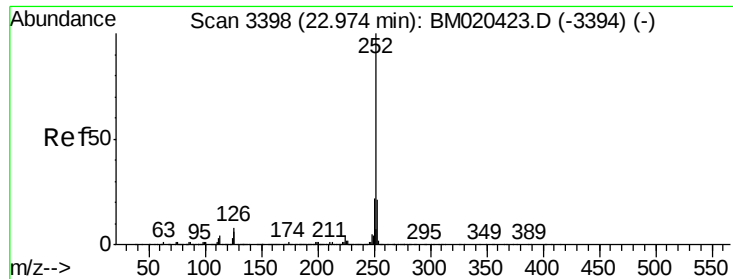
Delta R.T. 0.03 min

Lab File: BM020428.D

Acq: 20 May 2019 12:54

Tgt Ion:	252	Resp:	181767
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.0	25.6
125	9.3	5.0	7.4#





#88

Benzo(k)fluoranthene

Concen: 2.826 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. 0.02 min

Lab File: BM020428.D

Acq: 20 May 2019 12:54

Instrument :

BNA_M

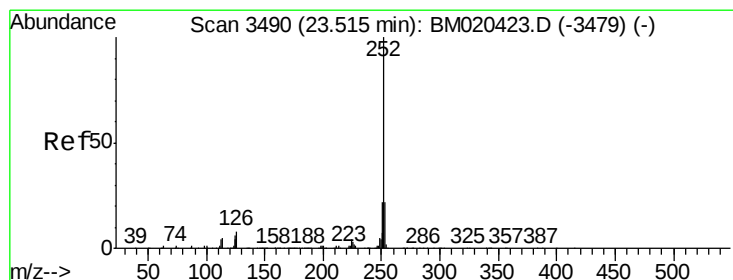
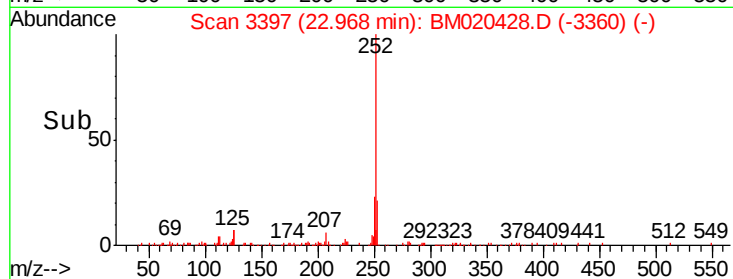
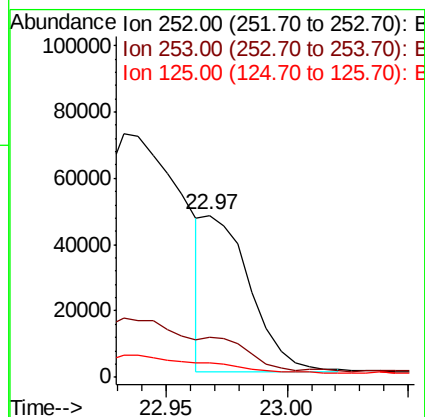
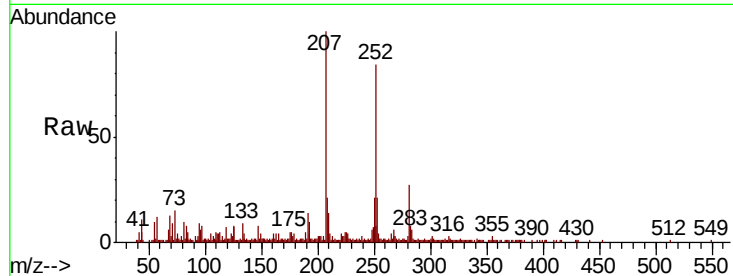
ClientSampleId :

GAJ96DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	62594		
253	25.0	17.6	26.4	
125	9.0	5.0	7.6	

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#90

Benzo(a)pyrene

Concen: 5.313 ng/ul

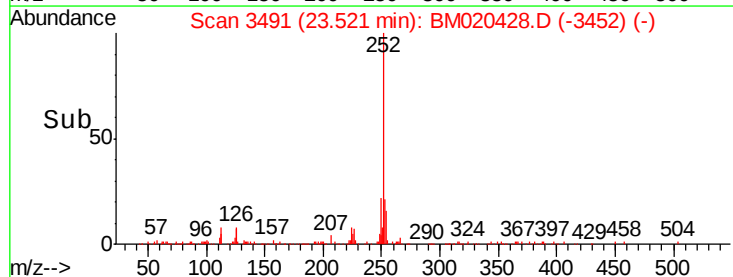
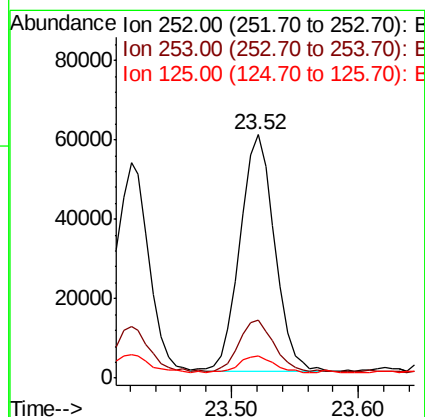
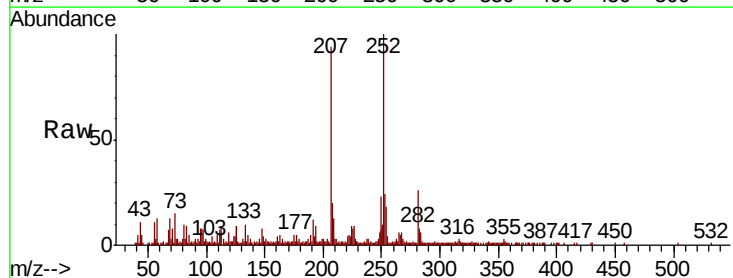
RT: 23.52 min Scan# 3491

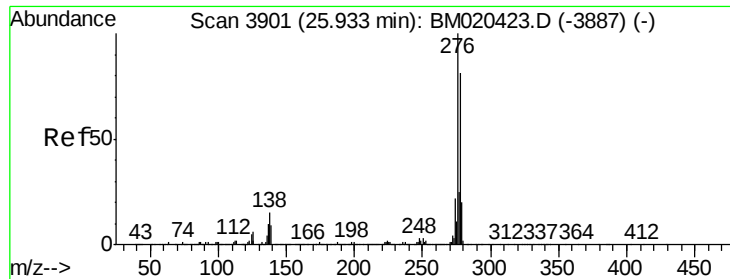
Delta R.T. 0.03 min

Lab File: BM020428.D

Acq: 20 May 2019 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	112767		
253	23.9	17.4	26.2	
125	9.1	5.4	8.2	





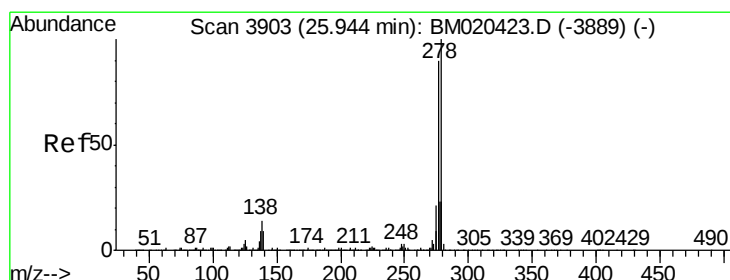
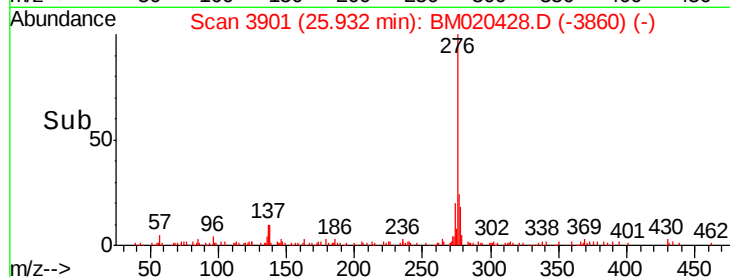
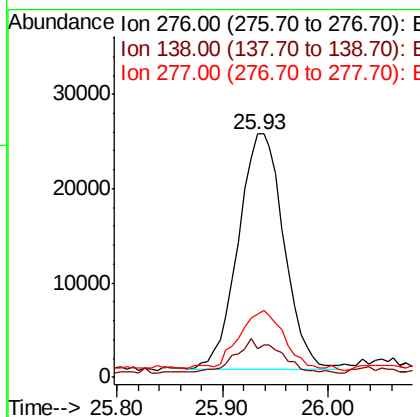
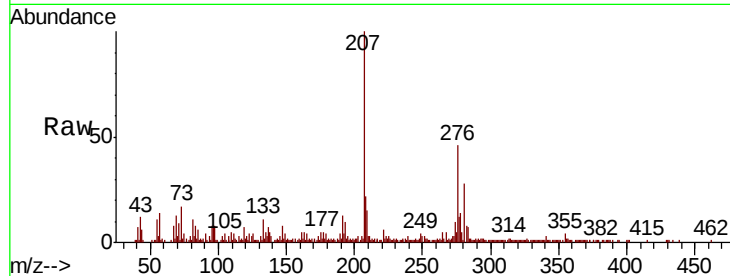
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.096 ng/ul
 RT: 25.93 min Scan# 3901
 Delta R.T. 0.04 min
 Lab File: BM020428.D
 Acq: 20 May 2019 12:54

Instrument :
 BNA_M
 ClientSampled :
 GAJ96DL

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.5	12.3	18.5#
277	25.8	20.0	30.0

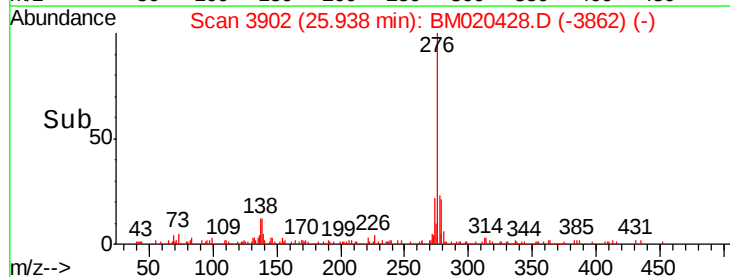
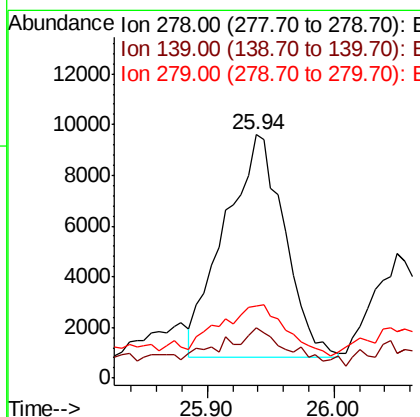
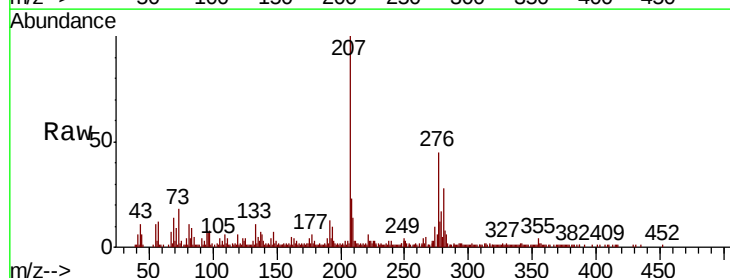
Manual Integrations
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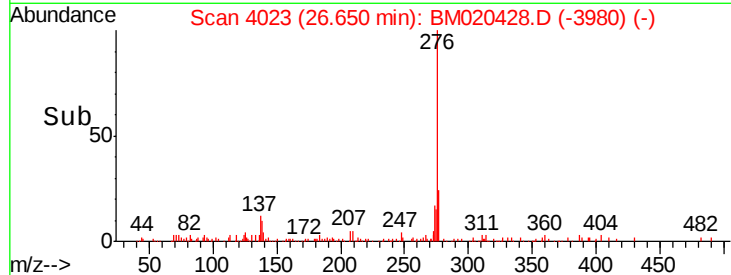
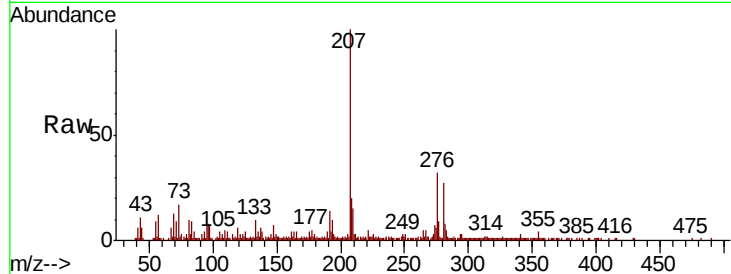
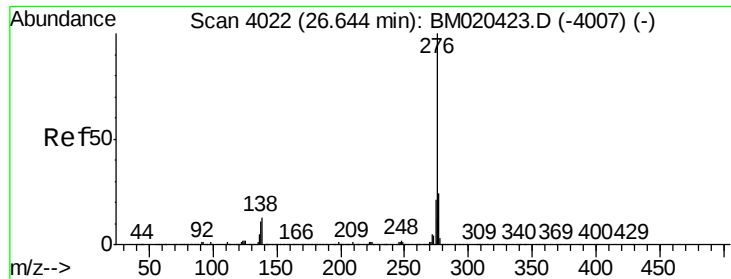
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.391 ng/ul
 RT: 25.94 min Scan# 3902
 Delta R.T. 0.04 min
 Lab File: BM020428.D
 Acq: 20 May 2019 12:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	8.1	12.1#
279	29.9	18.7	28.1#





#93

Benzo(g,h,i)perylene

Concen: 2.856 ng/ul

RT: 26.65 min Scan# 4023

Delta R.T. 0.05 min

Lab File: BM020428.D

Acq: 20 May 2019 12:54

Tgt Ion:	276	Resp:	57175
Ion Ratio	Lower	Upper	
276	100		
138	12.6	10.0	15.0
277	27.2	18.2	27.4

Instrument :

BNA_M

ClientSampleId :

GAJ96DL

Manual Integrations
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