

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060619\
 Data File : BM020785.D
 Acq On : 07 Jun 2019 04:14
 Operator : HP/JU
 Sample : K3201-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Manual Integrations
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Quant Time: Jun 07 06:53:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 07 06:35:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	337874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1374422	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	788806	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1705400	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1590152	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1822653	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	33841	4.78	ng/uL	0.00
5) Phenol-d5	6.97	99	614956	23.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	403464	26.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	550705	26.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	478669	23.01	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	270761	28.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	296835	30.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	562967	27.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	589167	24.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1740220	29.82	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2136903	28.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	174695	17.45	ng/ul	0.00
57) Fluorene-d10	15.44	176	1464571	29.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	148992	17.08	ng/ul	0.00
70) Anthracene-d10	17.29	188	2188008	29.37	ng/ul	0.00
78) Pyrene-d10	19.59	212	2235340	29.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	2306152	27.84	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	32275	1.213 ng/ul	95
28) Naphthalene	10.65	128	298231	4.620 ng/ul	99
34) 2-Methylnaphthalene	12.26	142	120602	2.544 ng/ul	98
44) Dimethylphthalate	13.91	163	560063	9.586 ng/ul	98
47) Acenaphthylene	14.17	152	187386	2.618 ng/ul	98
49) Acenaphthene	14.51	153	294388	5.892 ng/ul	98
53) Dibenzofuran	14.85	168	309473	4.379 ng/ul	100
58) Fluorene	15.50	166	323417	5.700 ng/ul	97
69) Phenanthrene	17.24	178	5114403	59.588 ng/ul	99
71) Anthracene	17.33	178	1046820	11.899 ng/ul	99
74) Carbazole	17.60	167	407580	5.327 ng/ul	98
76) Fluoranthene	19.25	202	6568024	66.777 ng/ul	99
79) Pyrene	19.62	202	5941718	60.533 ng/ul	99
82) Benzo(a)anthracene	21.36	228	3226364	32.525 ng/ul	97
84) Chrysene	21.41	228	3169968	34.440 ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	3609679	34.044 ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	1304856m	12.875 ng/ul	
90) Benzo(a)pyrene	23.56	252	2608336	25.858 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.97	276	1647807	13.831 ng/ul	96
92) Dibenzo(a,h)anthracene	25.97	278	475815	4.713 ng/ul#	89
93) Benzo(a,h,i)perylene	26.68	276	1231603	12.742 ng/ul	98

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
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C0AD0

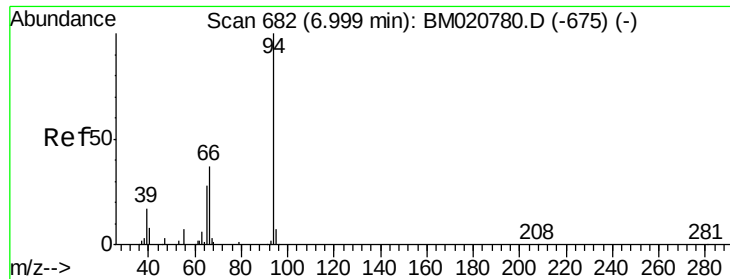
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Quant Time: Jun 07 06:53:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 07 06:35:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#6

Phenol

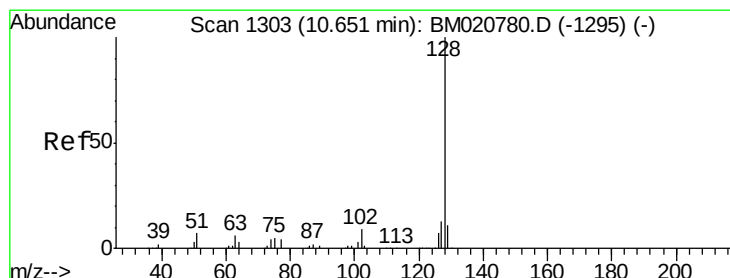
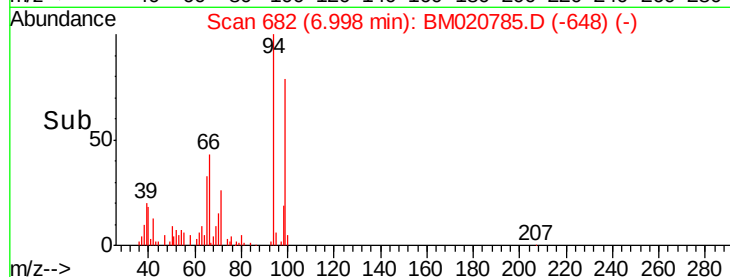
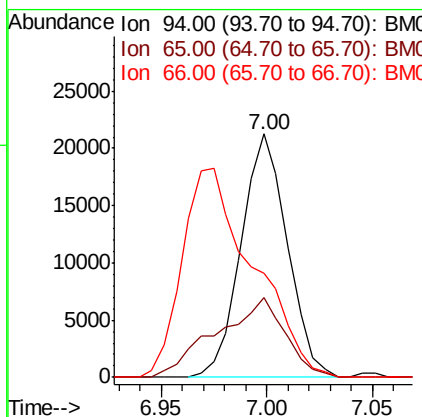
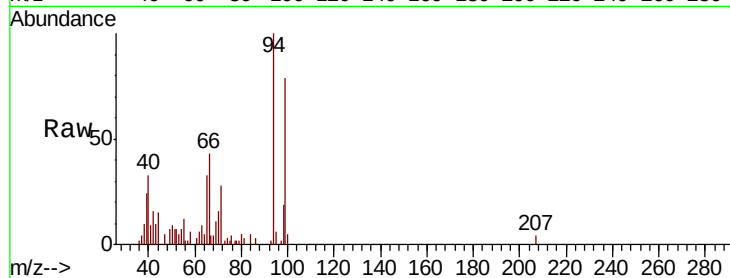
Concen: 1.213 ng/ul
 RT: 7.00 min Scan# 682
 Delta R.T. -0.00 min
 Lab File: BM020785.D
 Acq: 07 Jun 2019 04:14

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.7	23.3	34.9
66	42.6	32.1	48.1

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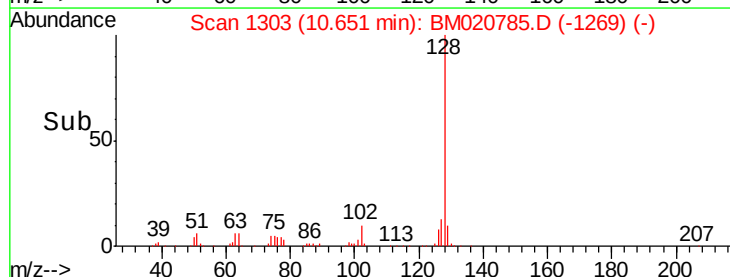
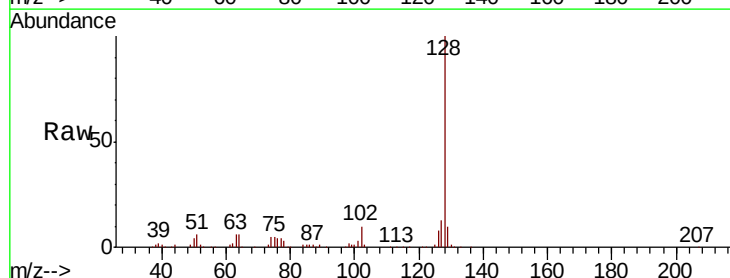
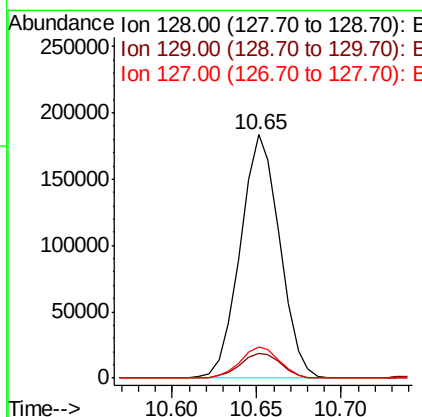


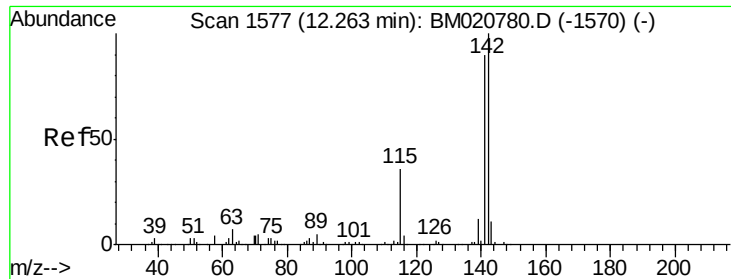
#28

Naphthalene

Concen: 4.620 ng/ul
 RT: 10.65 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BM020785.D
 Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	13.0
127	12.6	10.2	15.2





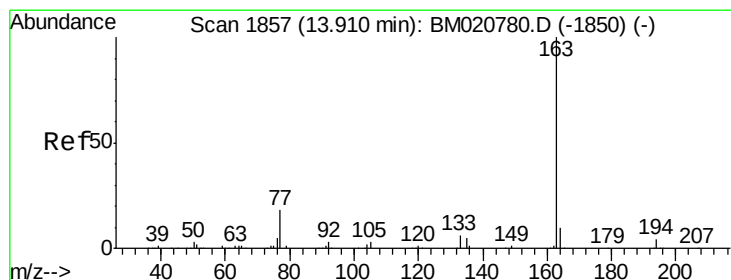
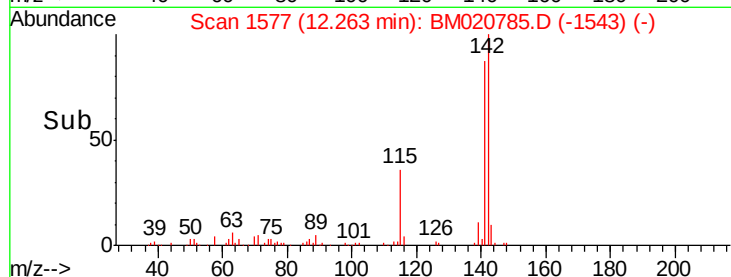
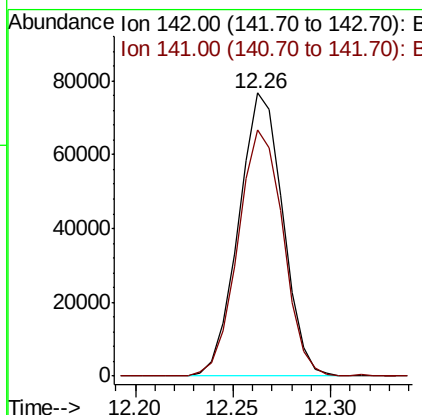
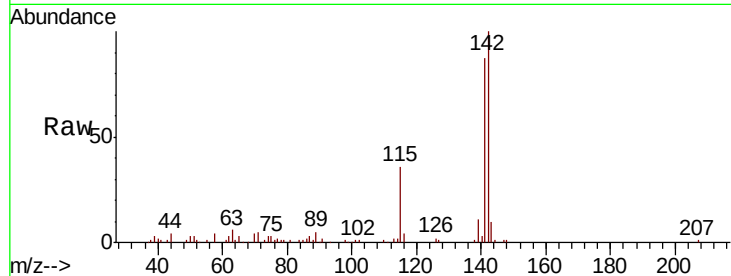
#34
2-Methylnaphthalene
Concen: 2.544 ng/ul
RT: 12.26 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.4	107.0

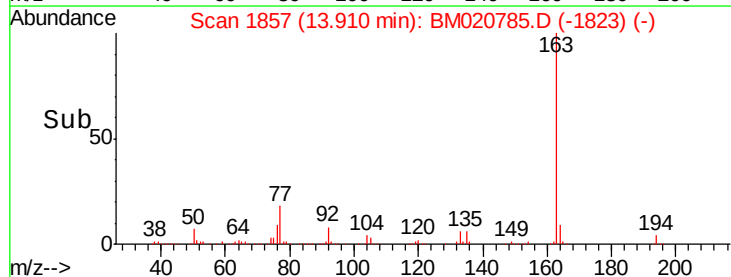
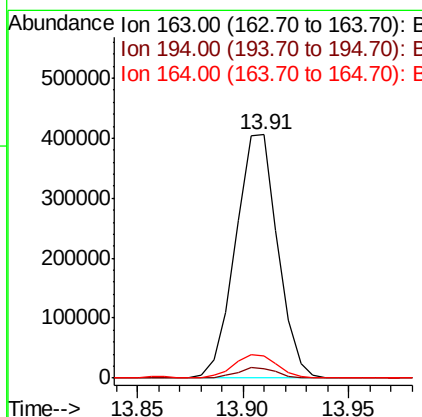
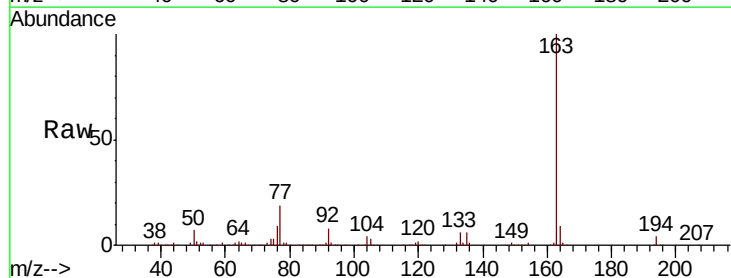
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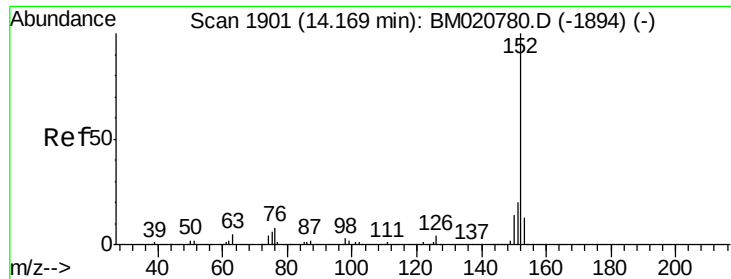
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#44
Dimethylphthalate
Concen: 9.586 ng/ul
RT: 13.91 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.2	8.0	12.0





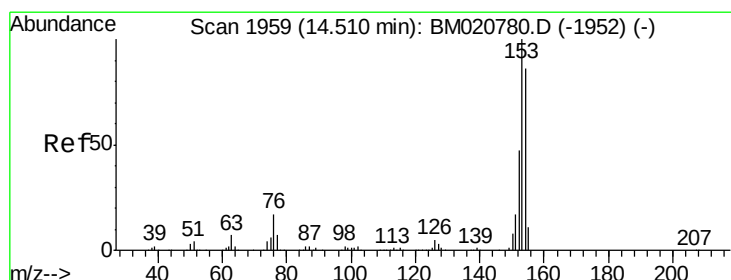
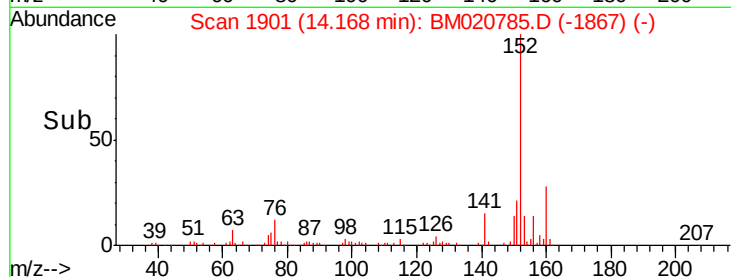
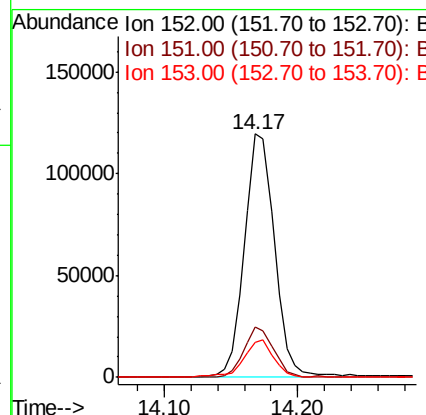
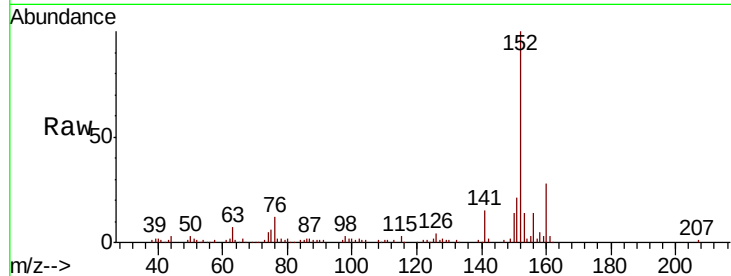
#47
Acenaphthylene
Concen: 2.618 ng/ul
RT: 14.17 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2
153	14.4	10.6	15.8

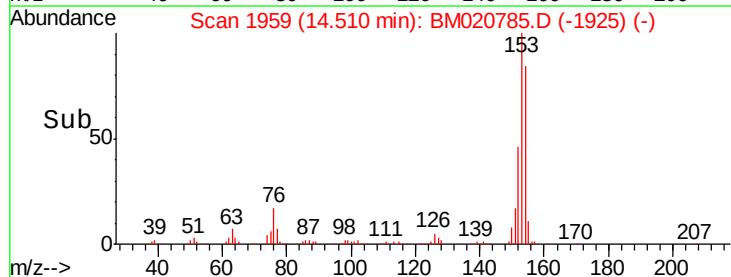
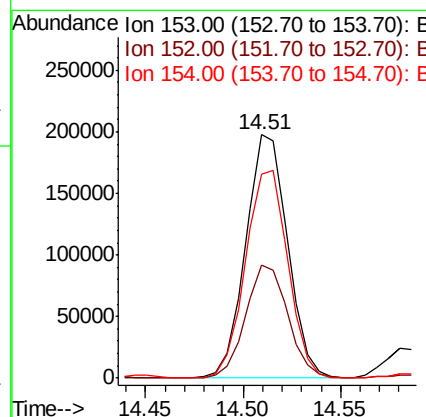
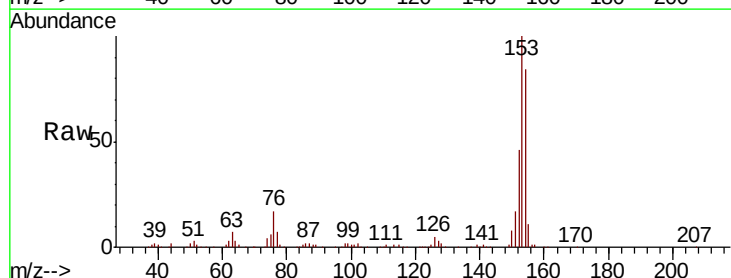
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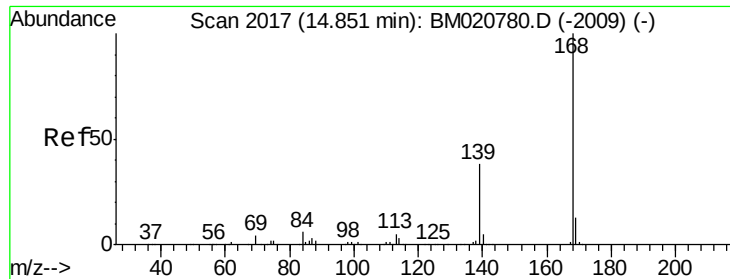
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#49
Acenaphthene
Concen: 5.892 ng/ul
RT: 14.51 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.3	55.9
154	83.9	68.7	103.1





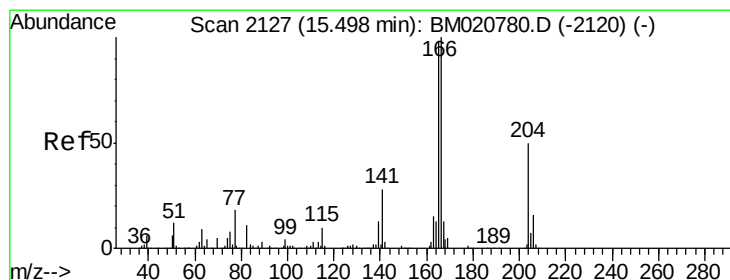
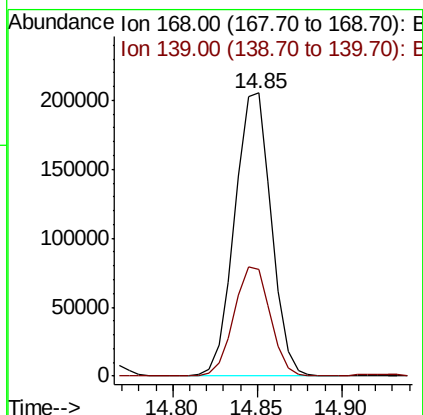
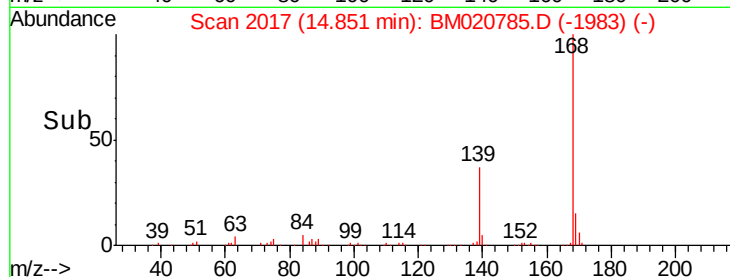
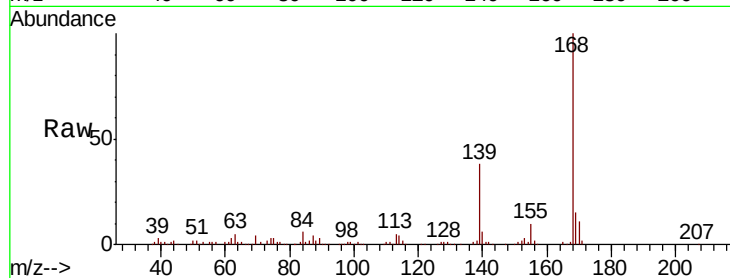
#53
Dibenzenofuran
Concen: 4.379 ng/ul
RT: 14.85 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.4	45.6

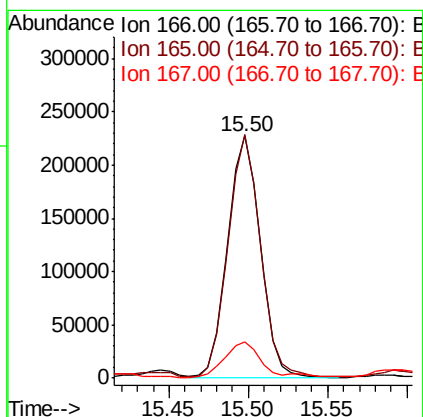
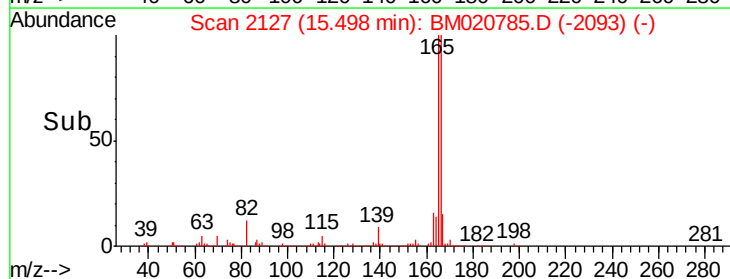
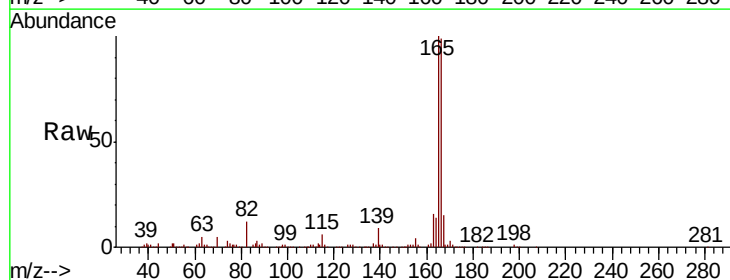
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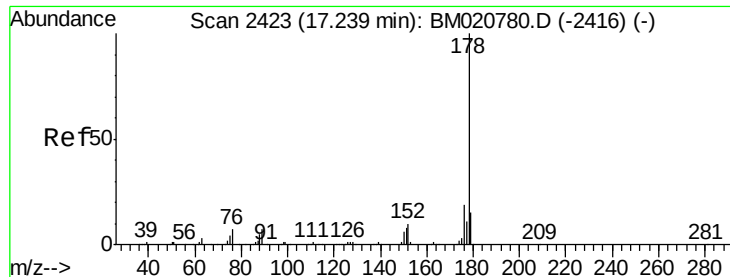
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#58
Fluorene
Concen: 5.700 ng/ul
RT: 15.50 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	78.6	117.8
167	15.2	10.8	16.2





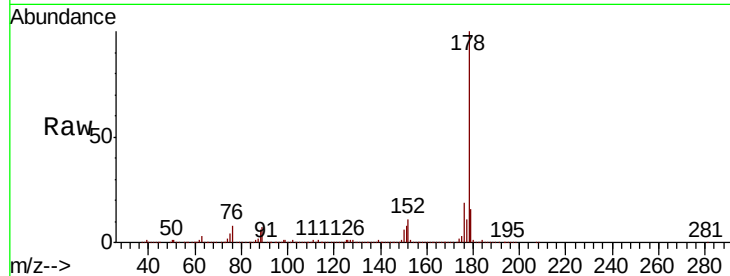
#69
Phenanthrene
Concen: 59.588 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Instrument :
BNA_M
ClientSampleId :
C0AD0

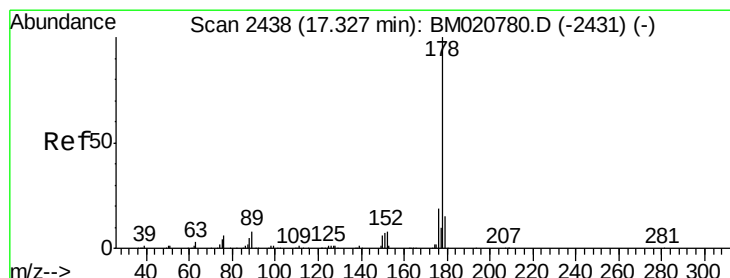
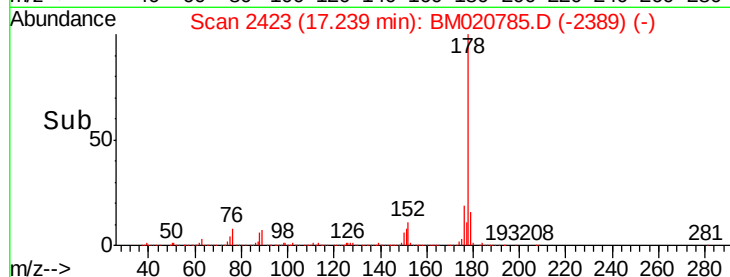
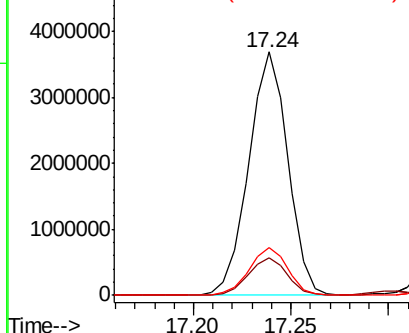
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.4	14.8	22.2

Manual Integrations
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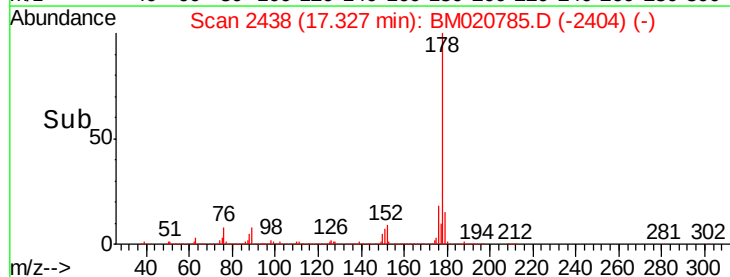
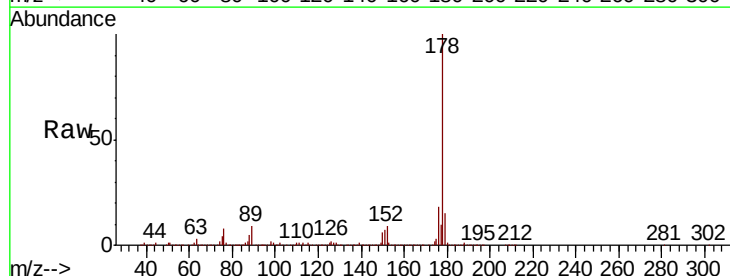
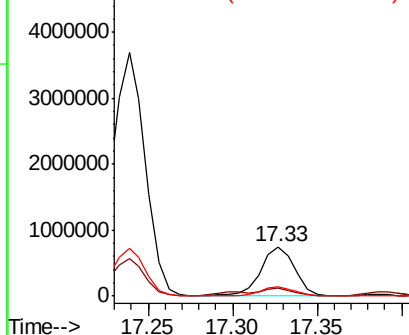
Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

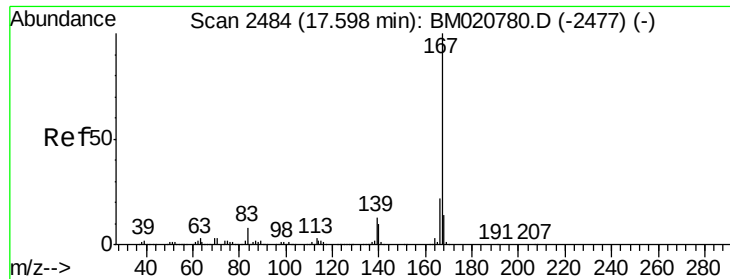


#71
Anthracene
Concen: 11.899 ng/ul
RT: 17.33 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.2	14.9	22.3

Abundance Ion 178.00 (177.70 to 178.70): E
5000000 Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





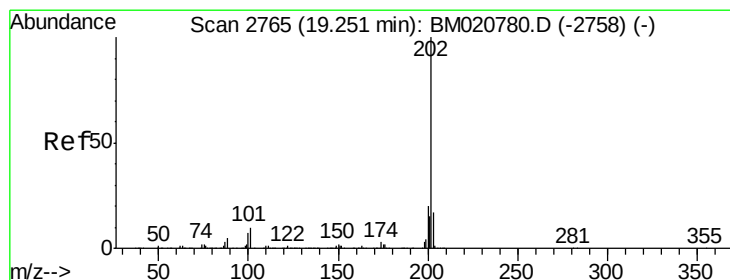
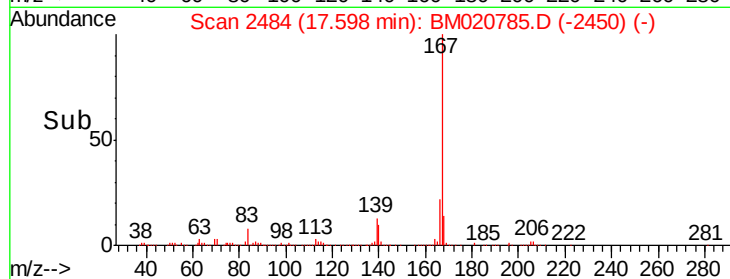
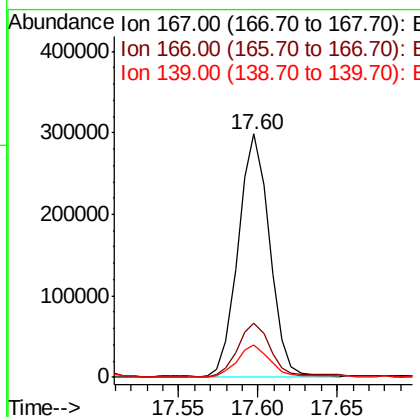
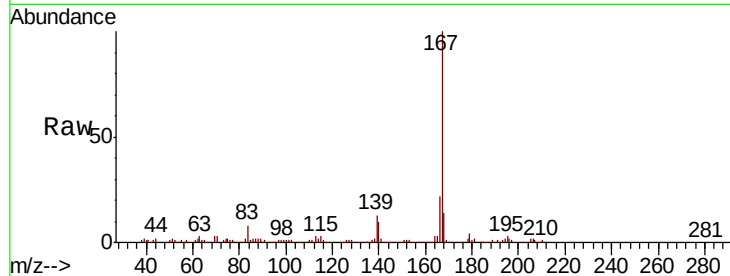
#74
 Carbazole
 Concen: 5.327 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BM020785.D
 Acq: 07 Jun 2019 04:14

Instrument :
 BNA_M
 ClientSampleId :
 C0AD0

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.0	25.6
139	13.4	10.5	15.7

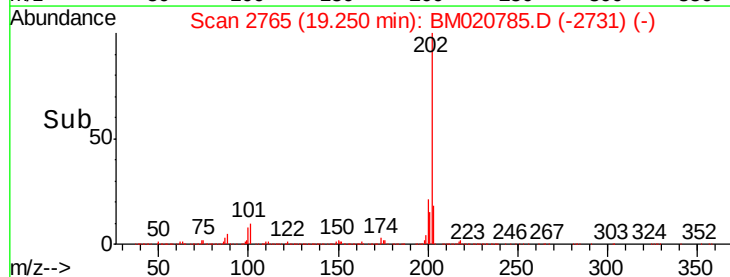
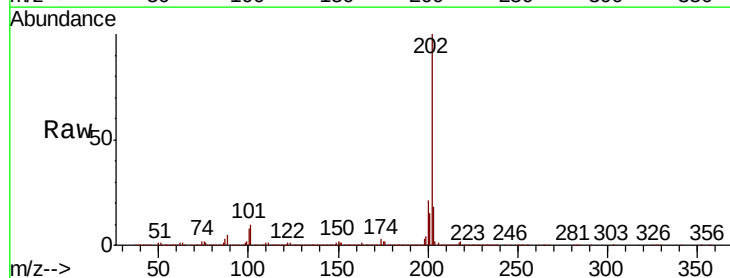
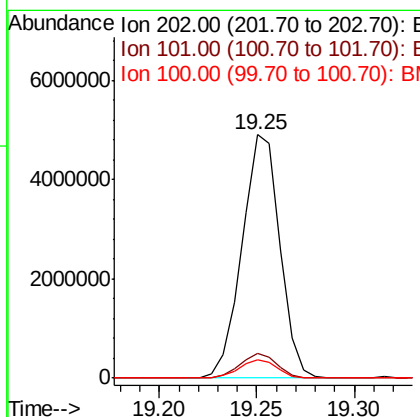
Manual Integrations
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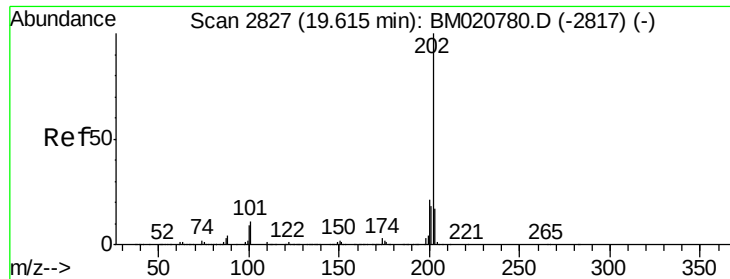
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#76
 Fluoranthene
 Concen: 66.777 ng/ul
 RT: 19.25 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: BM020785.D
 Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.9	11.9
100	7.7	6.2	9.4





#79

Pvrene

Concen: 60.533 ng/ul

RT: 19.62 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BM020785.D

Acq: 07 Jun 2019 04:14

Instrument :

BNA_M

ClientSampleId :

C0AD0

Tot Ion:202 Resp: 5941718

Ion Ratio Lower Upper

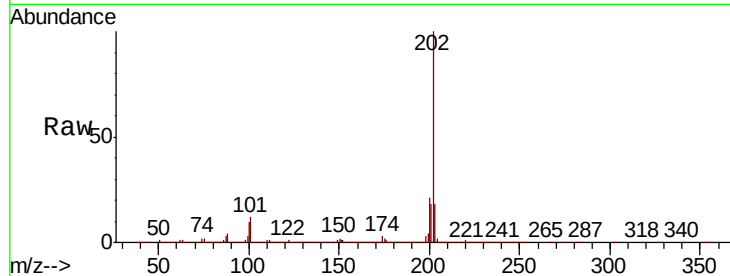
202 100

101 11.6 9.8 14.6

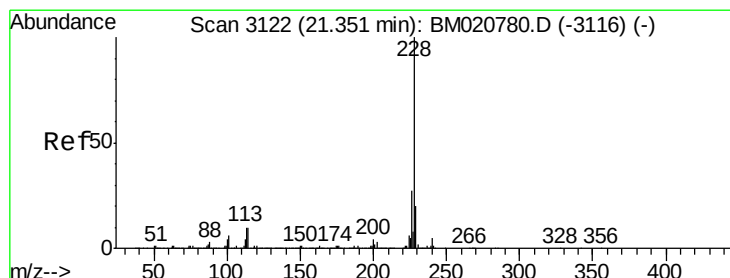
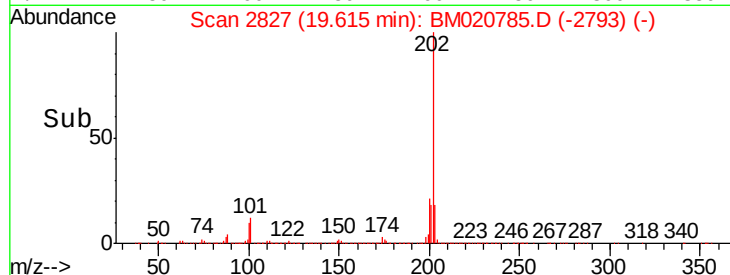
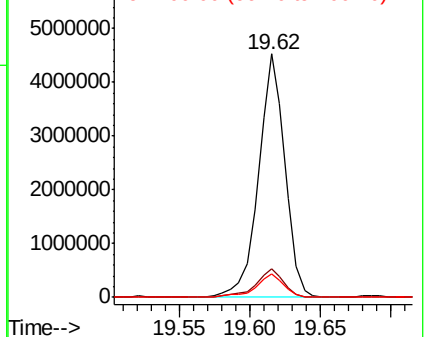
100 9.6 8.0 12.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#82

Benzo(a)anthracene

Concen: 32.525 ng/ul

RT: 21.36 min Scan# 3123

Delta R.T. 0.01 min

Lab File: BM020785.D

Acq: 07 Jun 2019 04:14

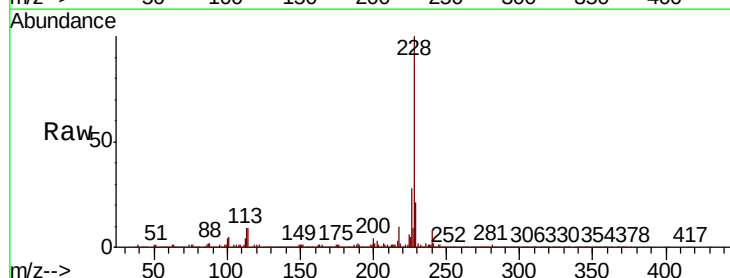
Tgt Ion:228 Resp: 3226364

Ion Ratio Lower Upper

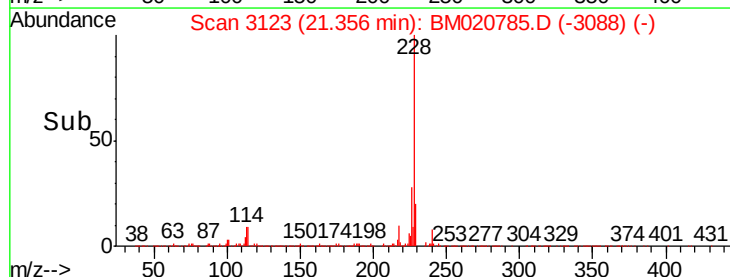
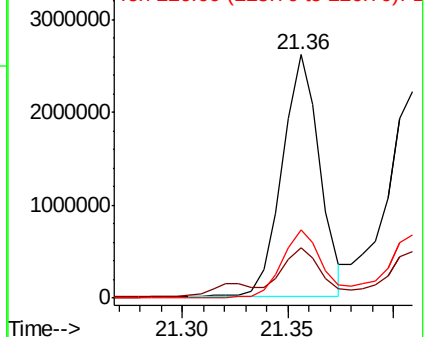
228 100

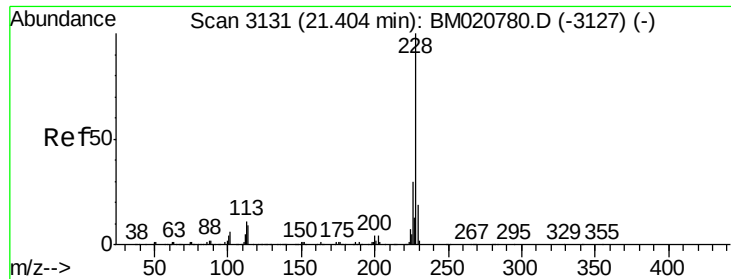
229 20.8 15.6 23.4

226 28.1 21.4 32.2



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





#84

Chrysene

Concen: 34.440 ng/ul

RT: 21.41 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BM020785.D

Acq: 07 Jun 2019 04:14

Instrument :

BNA_M

ClientSampleId :

C0AD0

Tot Ion:228 Resp: 3169968

Ion Ratio Lower Upper

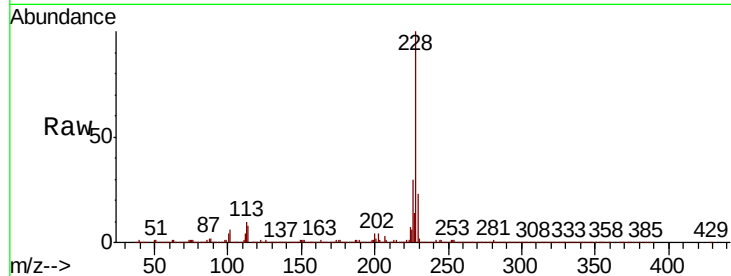
228 100

226 30.4 24.4 36.6

229 22.5 16.2 24.2

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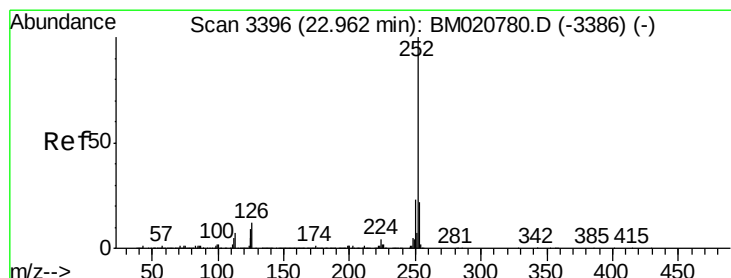
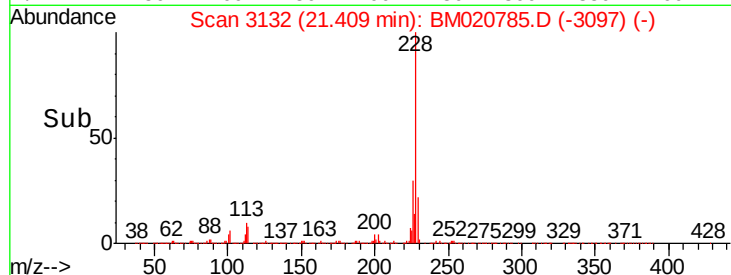
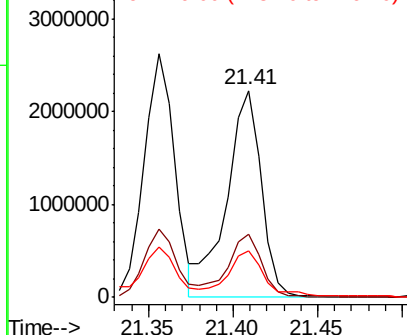


Abundance

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



#87

Benzo(b)fluoranthene

Concen: 34.044 ng/ul

RT: 22.97 min Scan# 3398

Delta R.T. 0.01 min

Lab File: BM020785.D

Acq: 07 Jun 2019 04:14

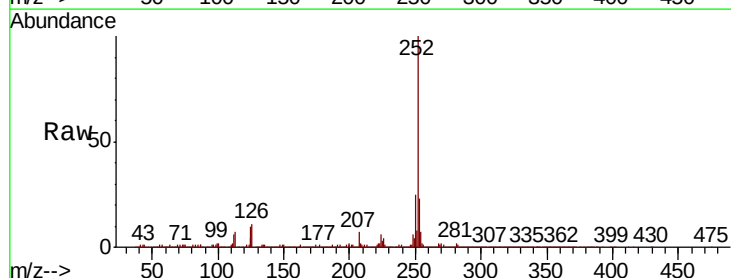
Tgt Ion:252 Resp: 3609679

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 9.7 7.3 10.9

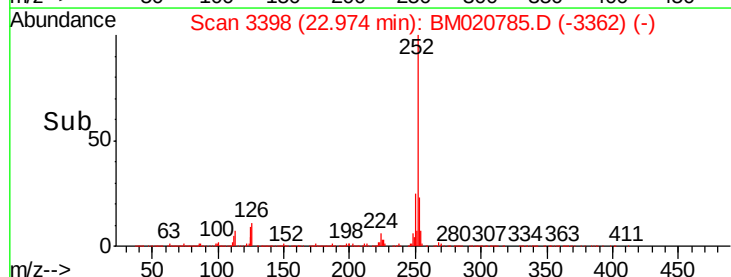
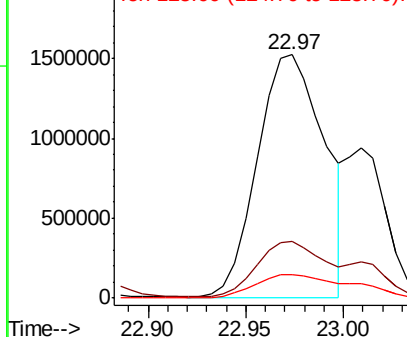


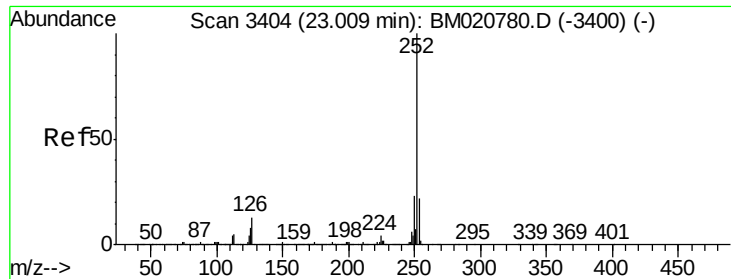
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





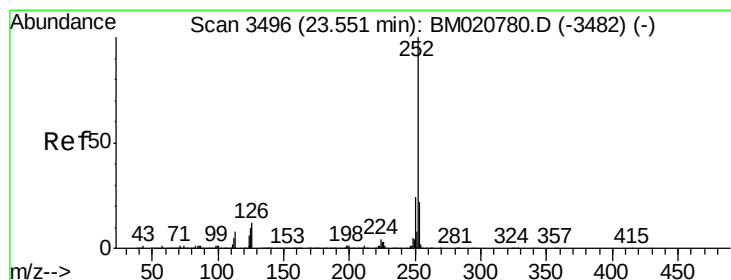
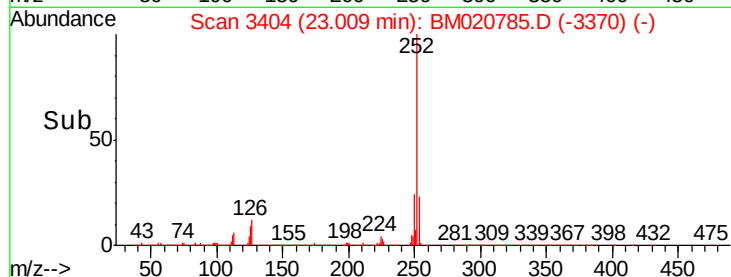
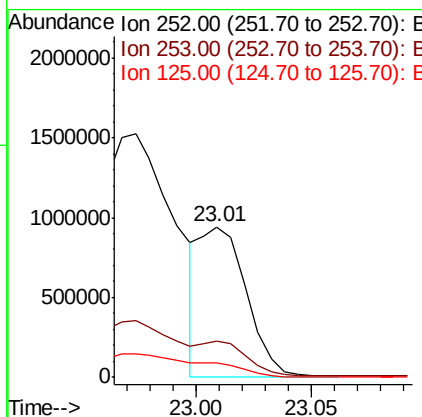
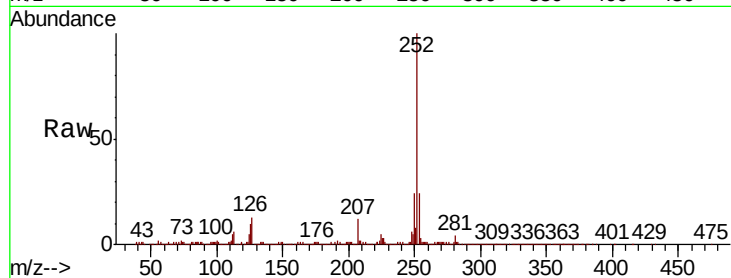
#88
Benzo(k)fluoranthene
Concen: 12.875 ng/ul m
RT: 23.01 min Scan# 3404
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	9.5	7.3	10.9

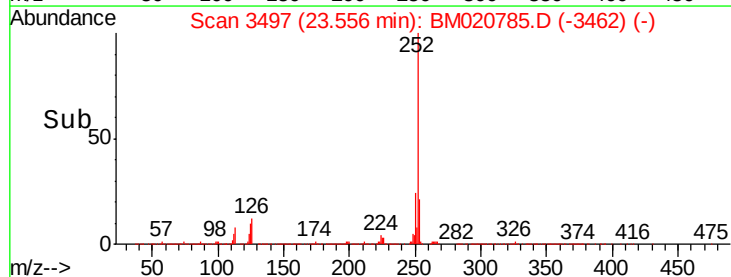
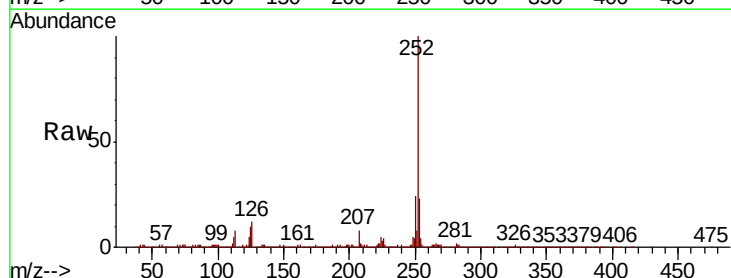
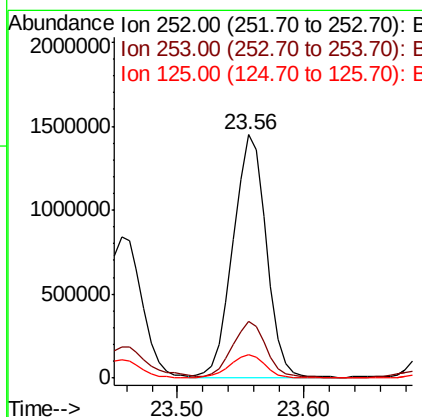
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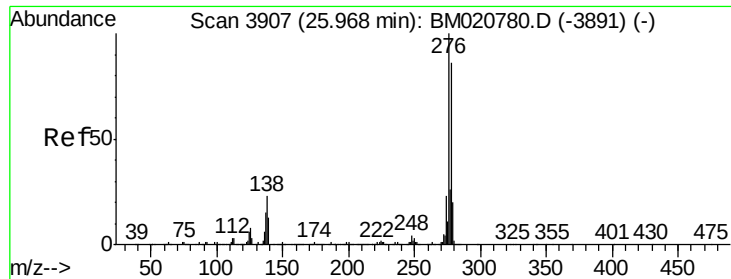
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#90
Benzo(a)pyrene
Concen: 25.858 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	9.8	8.2	12.4





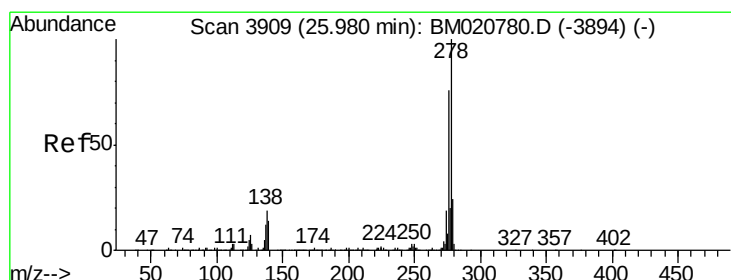
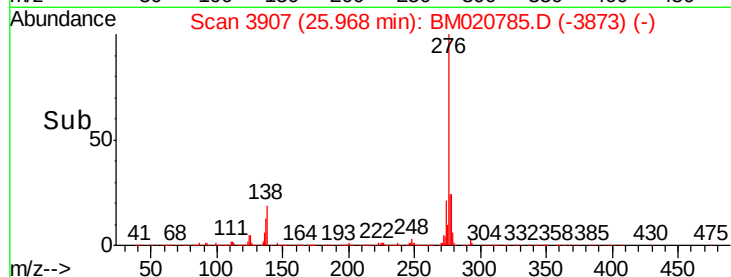
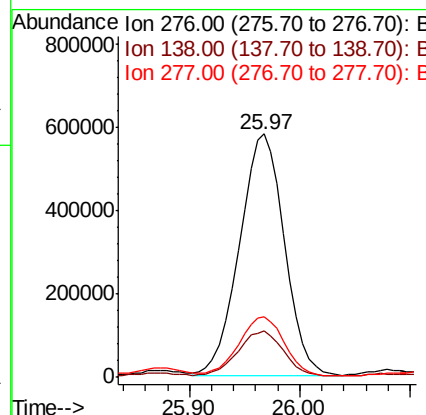
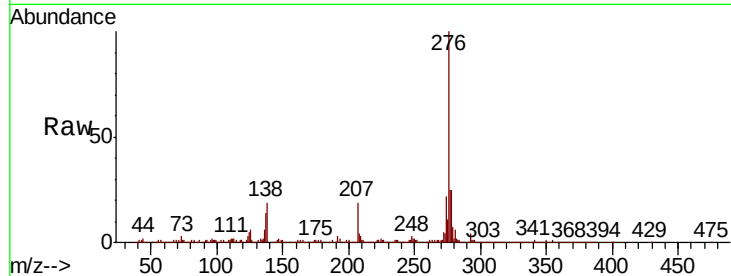
#91
Indeno(1,2,3-cd)pyrene
Concen: 13.831 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.00 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Instrument :
BNA_M
ClientSampleId :
C0AD0

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.8	26.8
277	24.7	20.0	30.0

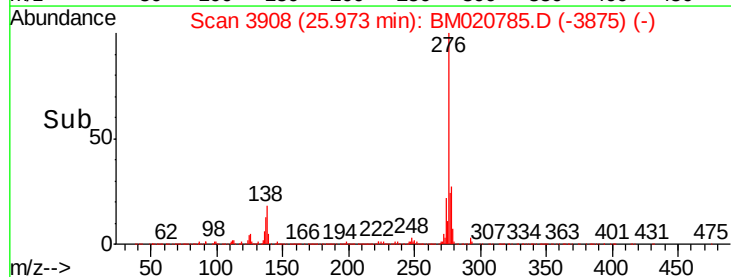
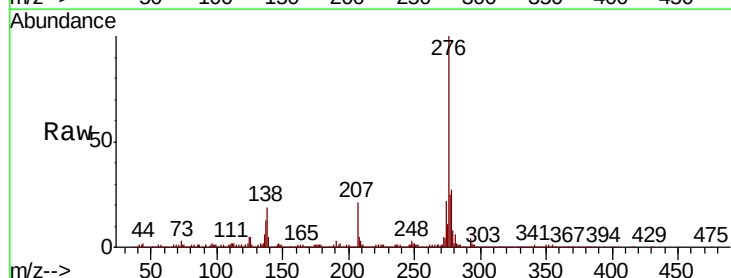
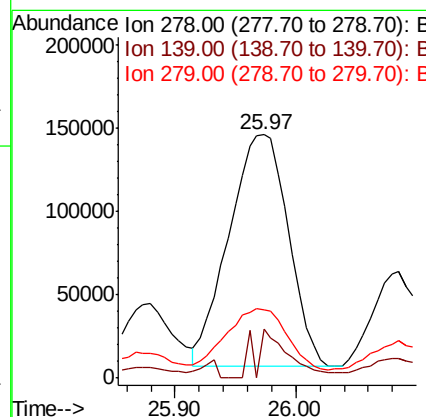
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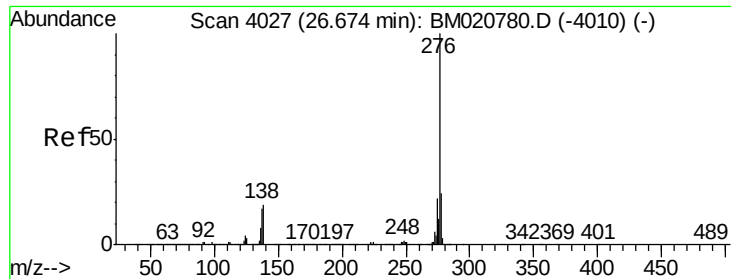
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#92
Dibenzo(a,h)anthracene
Concen: 4.713 ng/ul
RT: 25.97 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BM020785.D
Acq: 07 Jun 2019 04:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	11.6	17.4#
279	28.2	18.6	28.0#





#93

Benzo(a,h,i)perylene

Concen: 12.742 ng/ul

RT: 26.68 min Scan# 4028

Delta R.T. 0.01 min

Lab File: BM020785.D

Acq: 07 Jun 2019 04:14

Instrument :

BNA_M

ClientSampleId :

C0AD0

Tot Ion: 276 Resp: 1231603

Ion Ratio Lower Upper

276 100

138 19.6 16.6 25.0

277 24.0 19.6 29.4

Manual Integrations

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