

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
 Data File : BM024559.D
 Acq On : 21 Jan 2020 12:44
 Operator : JU
 Sample : L1109-11ME
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASHOME

Manual Integrations
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mohammad
 1/23/2020 7:57:25 AM

Quant Time: Jan 21 14:43:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 21 11:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	250393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1119464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	768167	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1672965	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1551261	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1331355	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	24896	4.86	ng/uL	0.00
5) Phenol-d5	6.65	99	553897	29.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	309056	29.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	493843	31.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	490212	28.65	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	260160	33.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	304783	35.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	559325	29.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	748728	35.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1770699	29.42	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	2056241	29.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	288856	28.76	ng/ul	0.00
58) Fluorene-d10	15.10	176	1520396	28.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	258599	27.08	ng/ul	0.00
71) Anthracene-d10	16.95	188	2386159	30.67	ng/ul	0.00
79) Pyrene-d10	19.26	212	2694214	32.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	2119029	30.69	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.67	94	98096	5.201	ng/ul 96
11) 2-Methylphenol	7.90	108	109497	7.084	ng/ul 99
16) 4-Methylphenol	8.23	108	253073	14.702	ng/ul 97
24) 2,4-Dimethylphenol	9.42	107	265413m	13.129	ng/ul
28) Naphthalene	10.27	128	11348629	197.882	ng/ul 99
34) 2-Methylnaphthalene	11.89	142	2839034	63.796	ng/ul 99
41) 1,1'-Biphenyl	12.93	154	486305	8.720	ng/ul 99
48) Acenaphthylene	13.82	152	1349089	19.065	ng/ul 99
50) Acenaphthene	14.16	153	281860	5.885	ng/ul 97
54) Dibenzofuran	14.50	168	1735774	24.740	ng/ul 100
59) Fluorene	15.16	166	1731667	29.192	ng/ul 97
70) Phenanthrene	16.90	178	7039021	78.018	ng/ul 100
72) Anthracene	16.99	178	2635272	28.643	ng/ul 99
75) Carbazole	17.26	167	732329	9.460	ng/ul 100
77) Fluoranthene	18.92	202	4289248	38.898	ng/ul 98
80) Pyrene	19.29	202	3541637	33.350	ng/ul 99
83) Benzo(a)anthracene	21.04	228	2038812	19.294	ng/ul 97
85) Chrysene	21.10	228	1572398	15.442	ng/ul 97
88) Benzo(b)fluoranthene	22.56	252	1297492	14.745	ng/ul 98
89) Benzo(k)fluoranthene	22.59	252	421198m	4.870	ng/ul
91) Benzo(a)pyrene	23.09	252	1005509	13.149	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.24	276	381755	4.771	ng/ul 100
93) Dibenzo(a,h)anthracene	25.25	278	130217	1.918	ng/ul# 86

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QLast Update : Tue Jan 21 11:19:17 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(q,h,i)perylene	25.87	276	290529	4.569	ng/ul	98

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

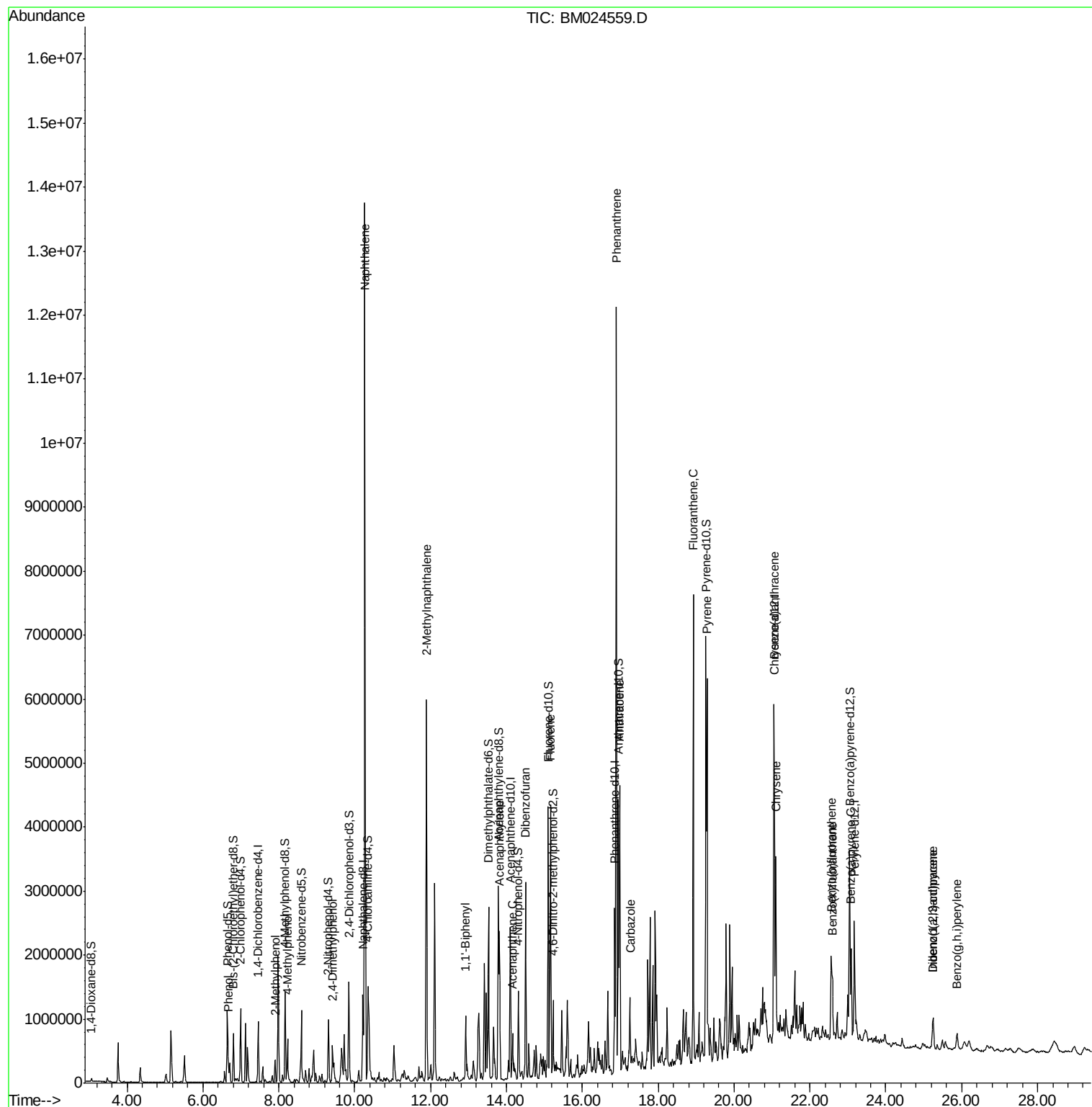
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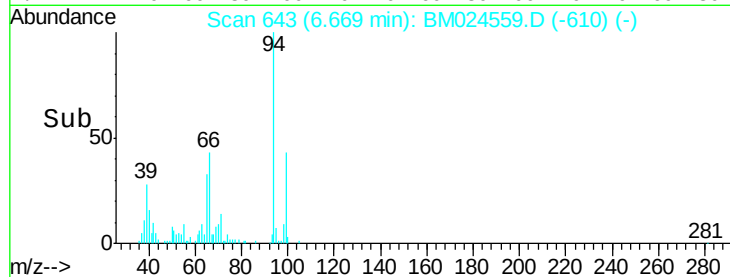
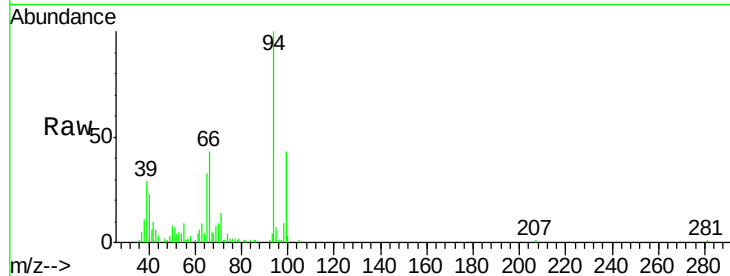
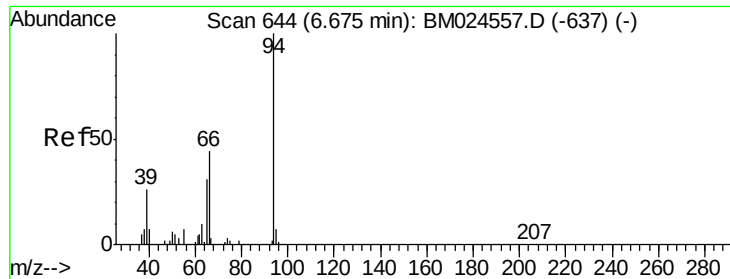
Instrument :
BNA_M
ClientSampleId :
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#6

Phenol

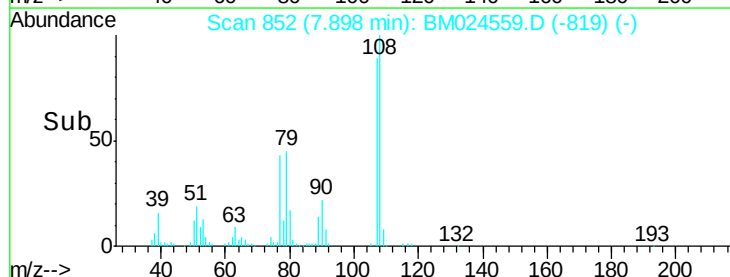
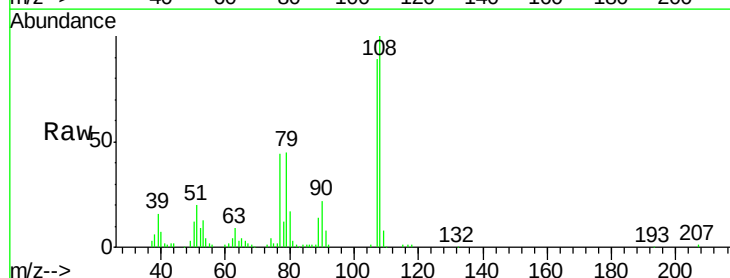
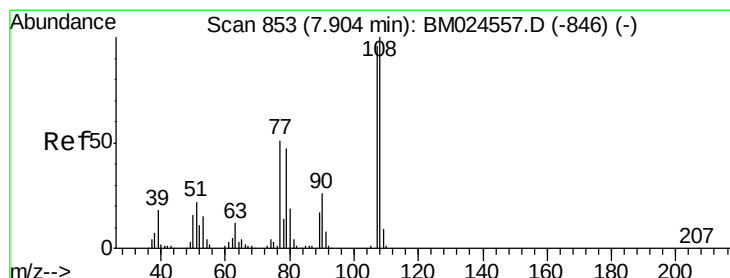
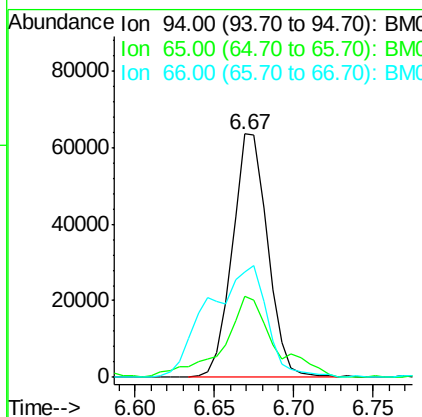
Concen: 5.201 ng/ul
RT: 6.67 min Scan# 643
Delta R.T. -0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Instrument :
BNA_M
ClientSampleId :
GASHOME

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.1	26.7	40.1
66	43.0	38.1	57.1

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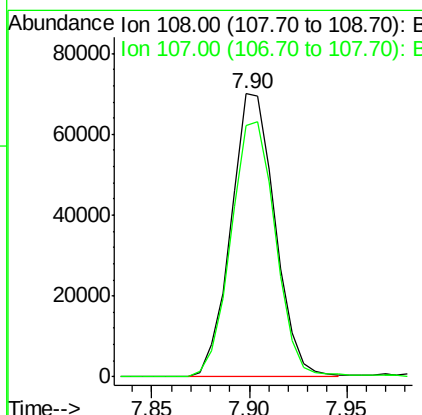


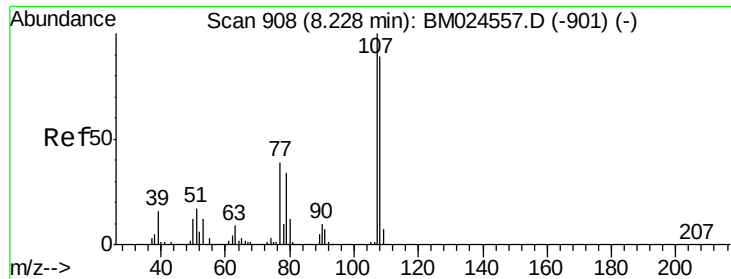
#11

2-Methylphenol

Concen: 7.084 ng/ul
RT: 7.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
108	100		
107	88.7	70.6	105.8





#16

4-Methylphenol

Concen: 14.702 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.00 min

Lab File: BM024559.D

Acq: 21 Jan 2020 12:44

Instrument :

BNA_M

ClientSampleId :

GASHOME

Tot Ion:108 Resp: 253073

Ion Ratio Lower Upper

108 100

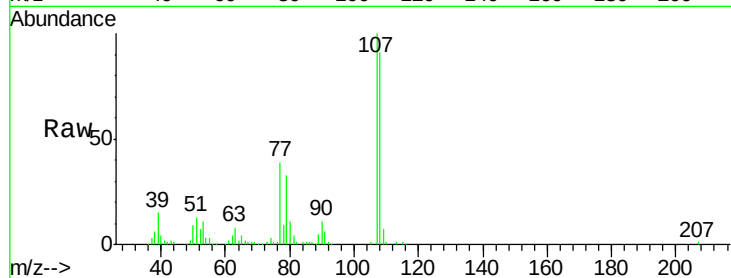
107 110.1 90.5 135.7

Manual Integrations

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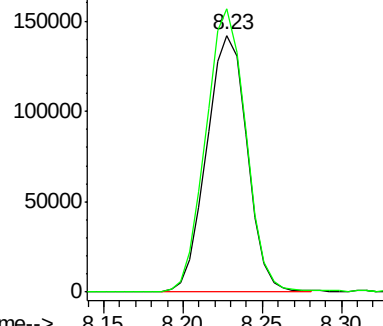
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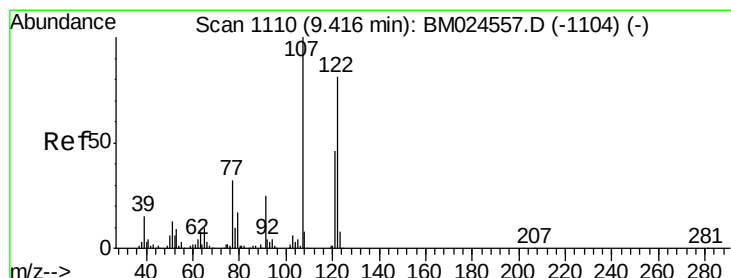
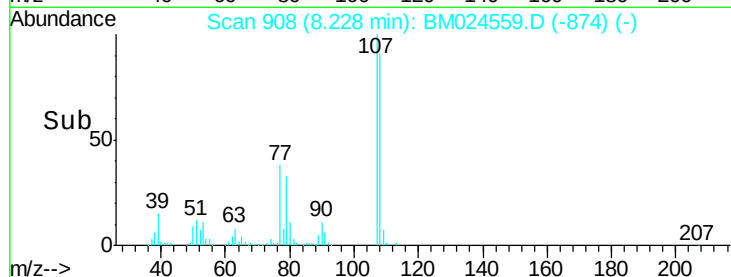


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



Time-->



#24

2,4-Dimethylphenol

Concen: 13.129 ng/ul m

RT: 9.42 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM024559.D

Acq: 21 Jan 2020 12:44

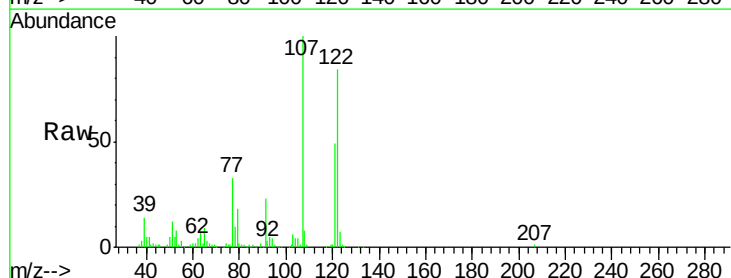
Tgt Ion:107 Resp: 265413

Ion Ratio Lower Upper

107 100

121 48.7 38.4 57.6

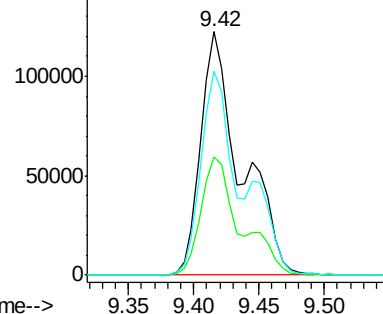
122 83.7 64.3 96.5



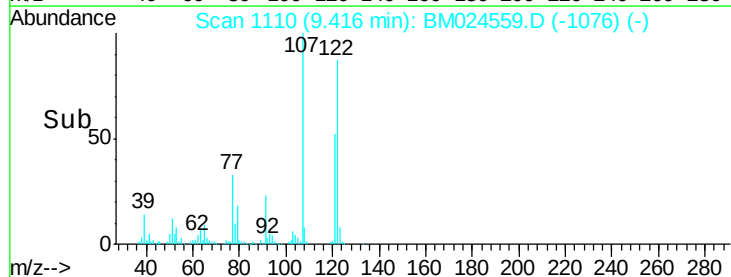
Abundance Ion 107.00 (106.70 to 107.70): E

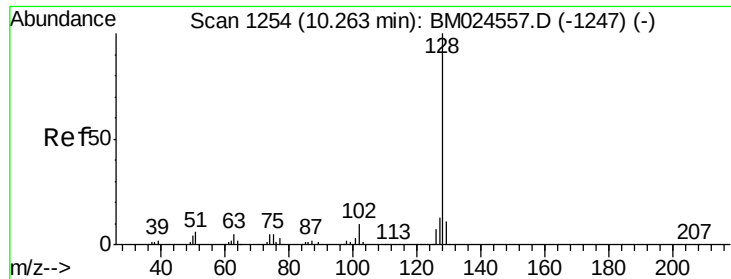
Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





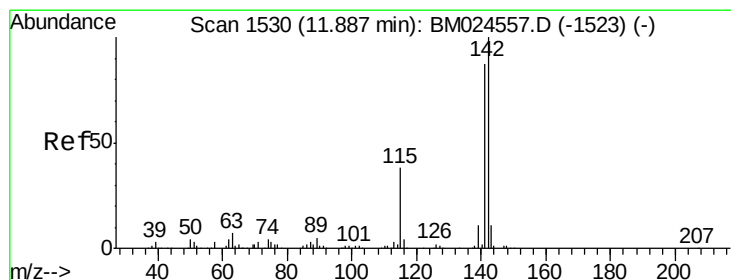
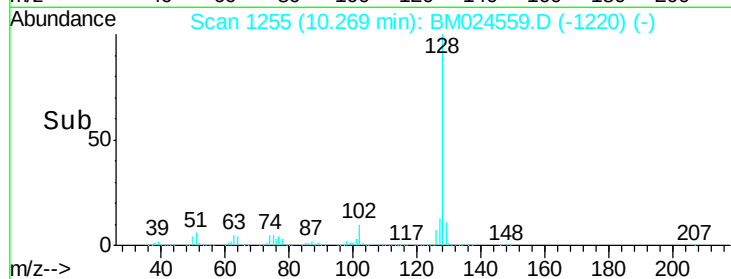
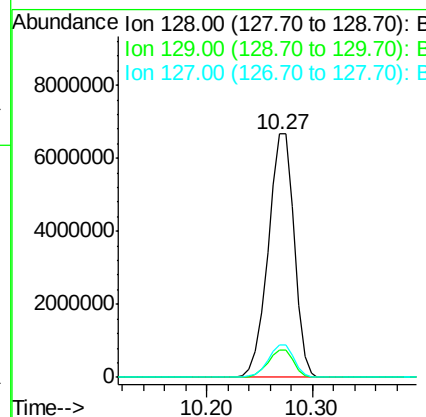
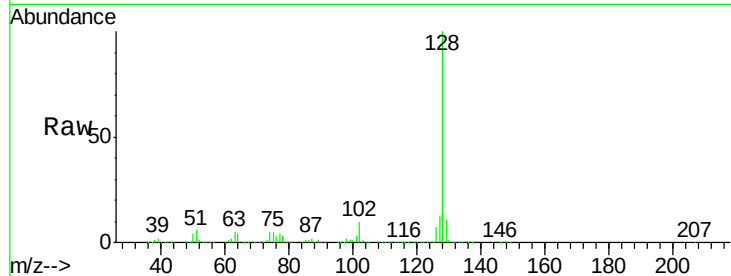
#28
Naphthalene
Concen: 197.882 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

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Tot Ion:128 Resp:11348629
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.4 15.6

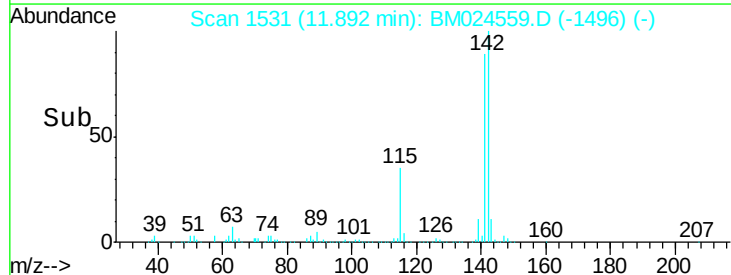
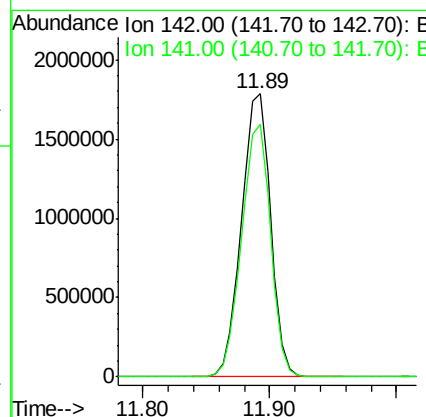
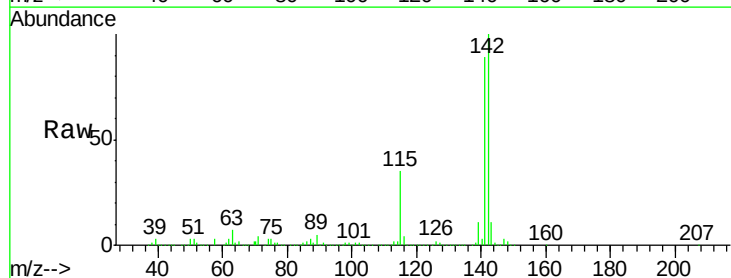
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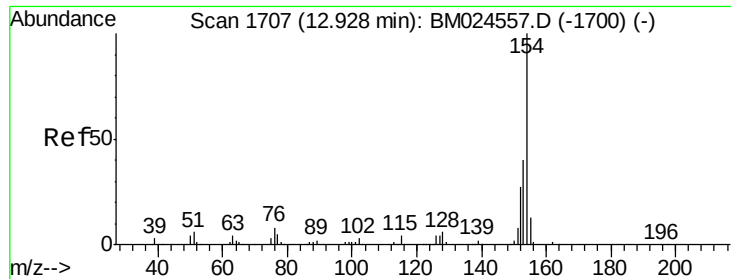
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#34
2-Methylnaphthalene
Concen: 63.796 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Tgt Ion:142 Resp: 2839034
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6





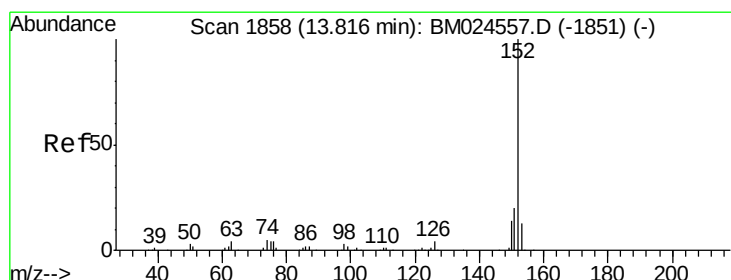
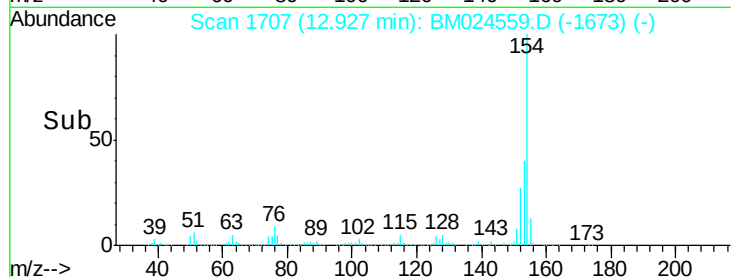
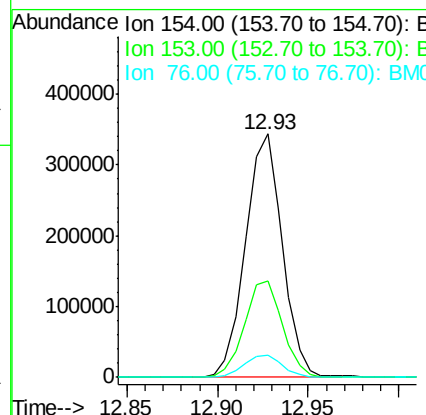
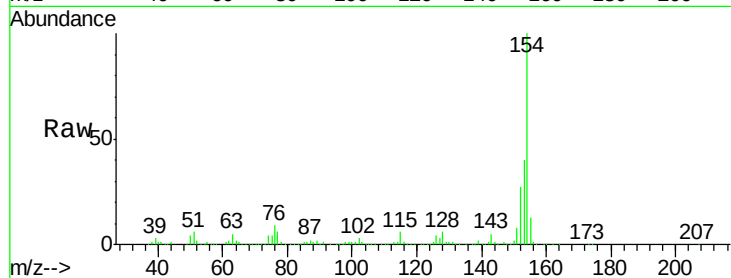
#41
 1,1'-Biphenyl
 Concen: 8.720 ng/ul
 RT: 12.93 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BM024559.D
 Acq: 21 Jan 2020 12:44

Instrument :
 BNA_M
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 GASHOME

Tot Ion:	154	Resp:	486305
Ion Ratio	Lower	Upper	
154	100		
153	39.7	32.3	48.5
76	8.9	7.0	10.6

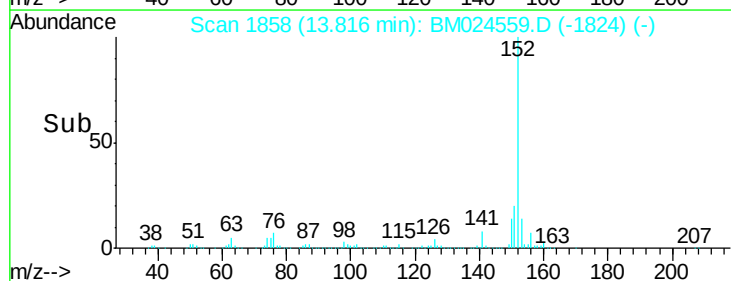
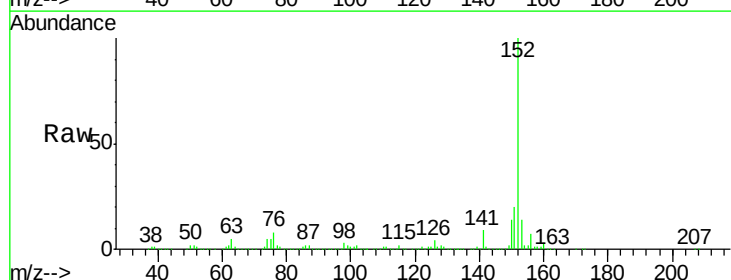
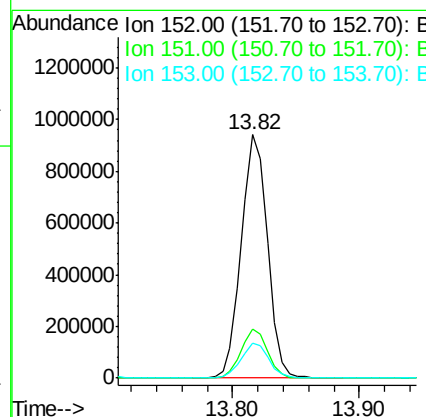
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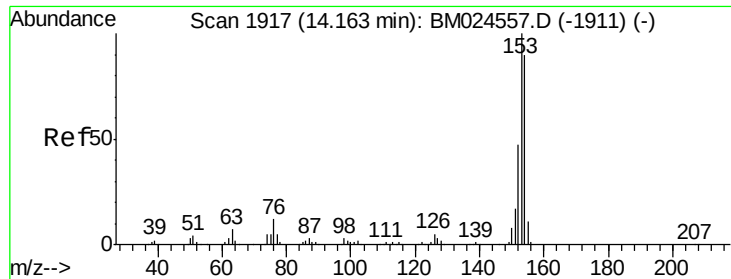
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#48
 Acenaphthylene
 Concen: 19.065 ng/ul
 RT: 13.82 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: BM024559.D
 Acq: 21 Jan 2020 12:44

Tgt Ion:	152	Resp:	1349089
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	14.1	10.3	15.5





#50

Acenaphthene

Concen: 5.885 ng/ul

RT: 14.16 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM024559.D

Acq: 21 Jan 2020 12:44

Instrument :

BNA_M

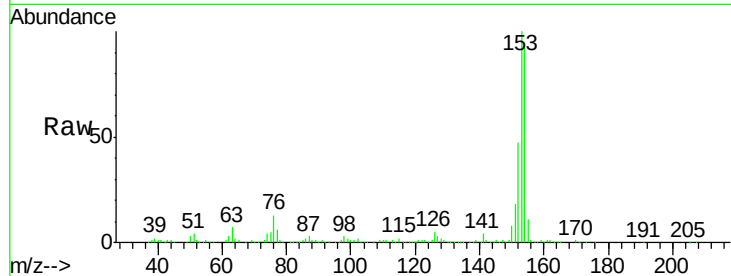
ClientSampleId :

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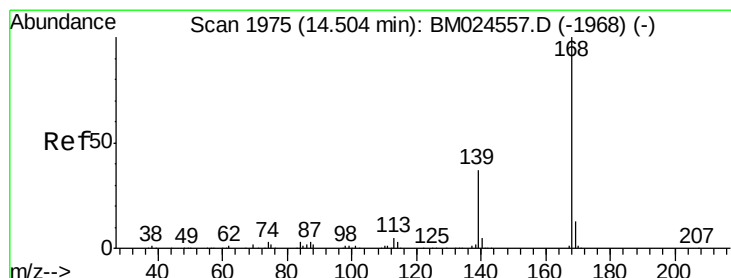
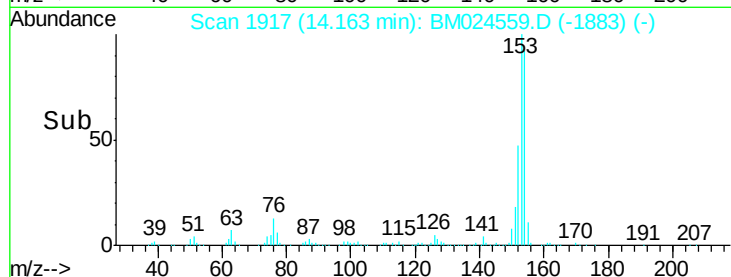
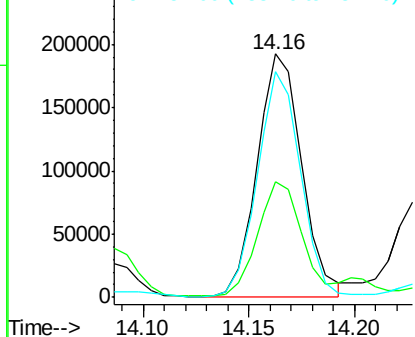
Tot Ion:	153	Resp:	281860
Ion Ratio	Lower	Upper	
153	100		
152	47.3	37.2	55.8
154	92.5	70.6	106.0

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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



#54

Dibenzofuran

Concen: 24.740 ng/ul

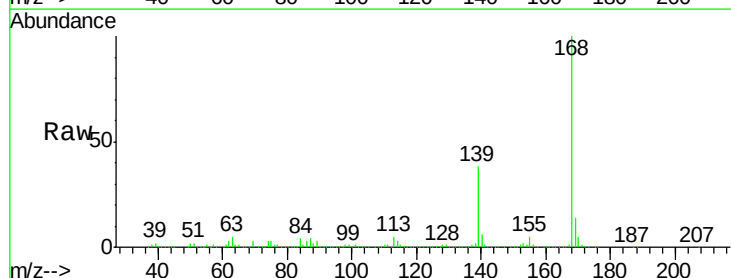
RT: 14.50 min Scan# 1975

Delta R.T. -0.00 min

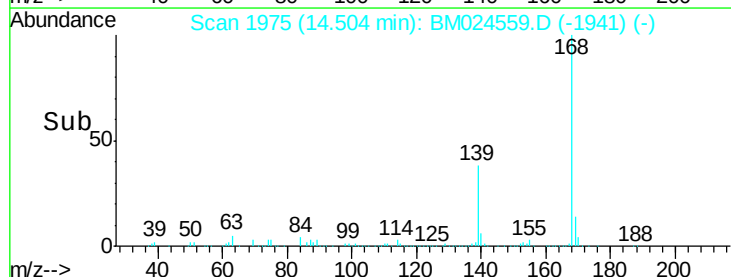
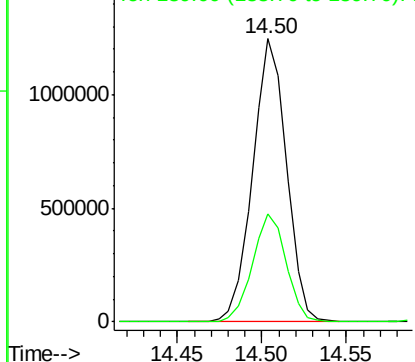
Lab File: BM024559.D

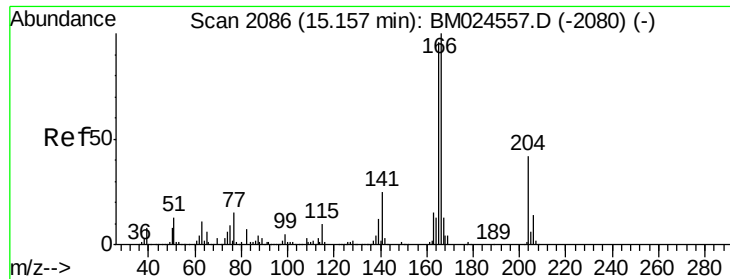
Acq: 21 Jan 2020 12:44

Tgt Ion:	168	Resp:	1735774
Ion Ratio	Lower	Upper	
168	100		
139	38.2	30.7	46.1



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





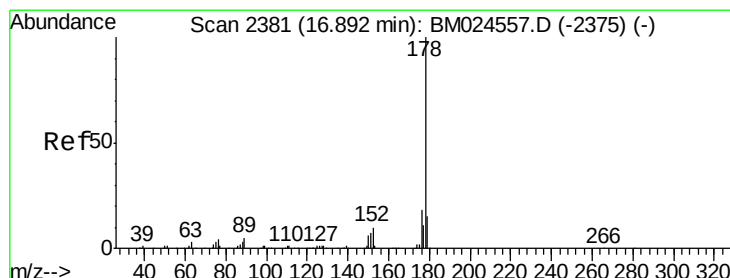
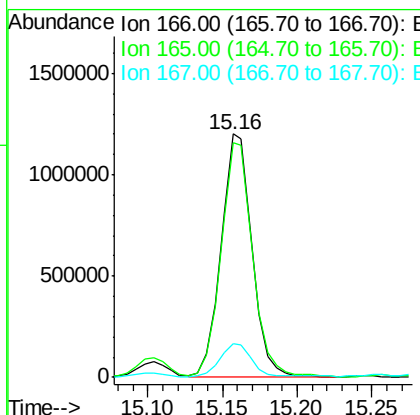
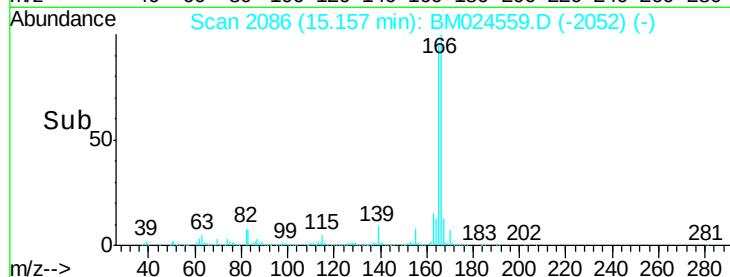
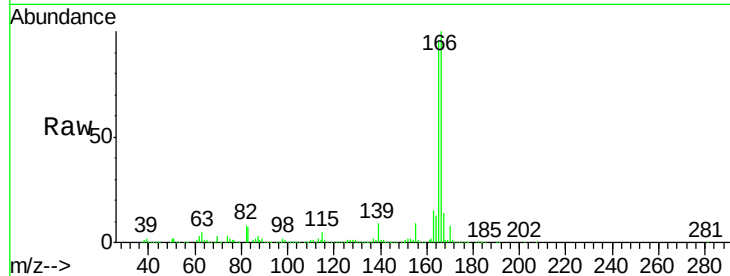
#59
 Fluorene
 Concen: 29.192 ng/ul
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM024559.D
 Acq: 21 Jan 2020 12:44

Instrument :
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Tot Ion:166 Resp: 1731667
 Ion Ratio Lower Upper
 166 100
 165 96.4 79.6 119.4
 167 13.8 10.8 16.2

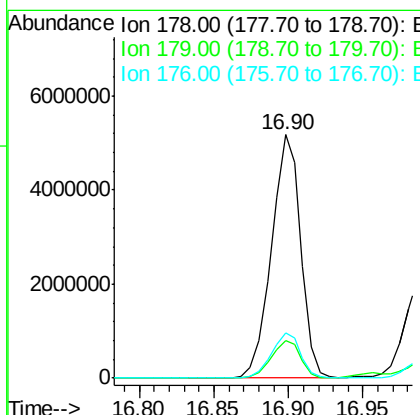
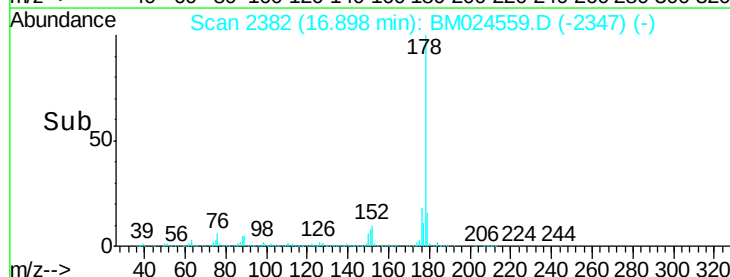
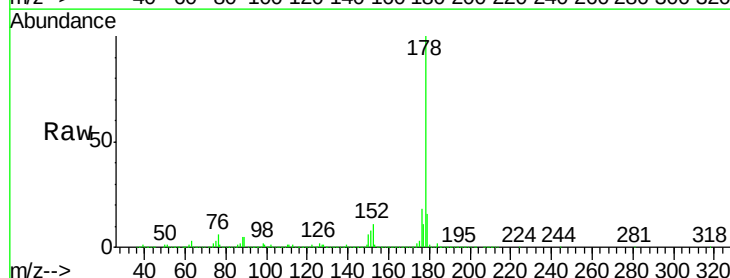
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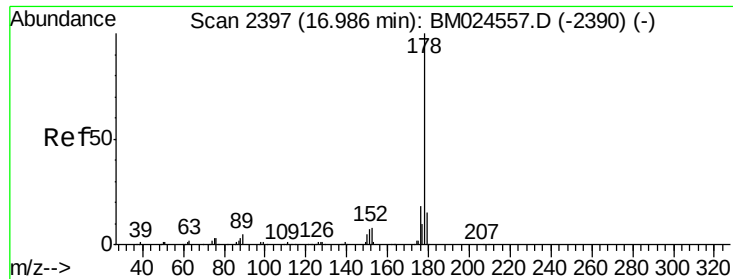
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#70
 Phenanthrene
 Concen: 78.018 ng/ul
 RT: 16.90 min Scan# 2382
 Delta R.T. 0.01 min
 Lab File: BM024559.D
 Acq: 21 Jan 2020 12:44

Tgt Ion:178 Resp: 7039021
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 18.5 14.9 22.3





#72

Anthracene

Concen: 28.643 ng/ul

RT: 16.99 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BM024559.D

Acq: 21 Jan 2020 12:44

Instrument :

BNA_M

ClientSampleId :

GASHOME

Tot Ion:178 Resp: 2635272

Ion Ratio Lower Upper

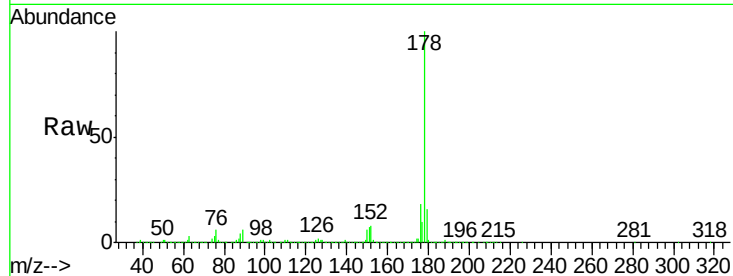
178 100

179 15.7 12.3 18.5

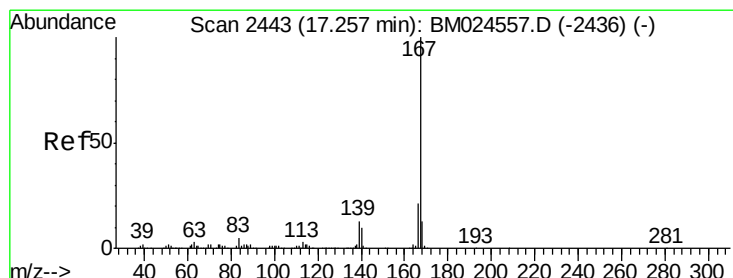
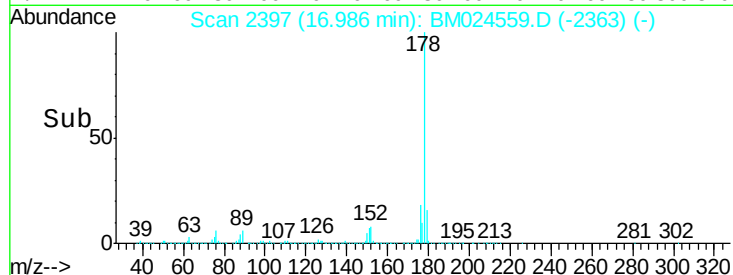
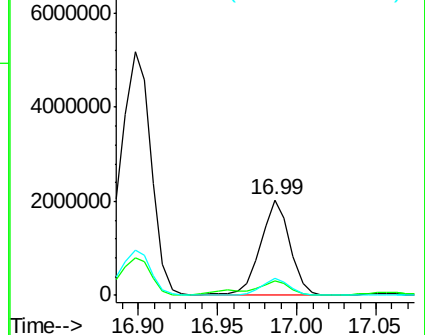
176 18.0 14.6 22.0

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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: 9.460 ng/ul

RT: 17.26 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM024559.D

Acq: 21 Jan 2020 12:44

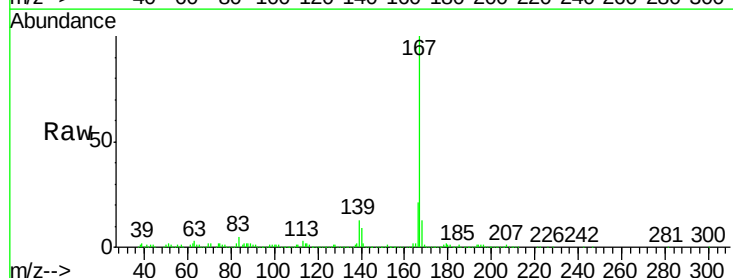
Tgt Ion:167 Resp: 732329

Ion Ratio Lower Upper

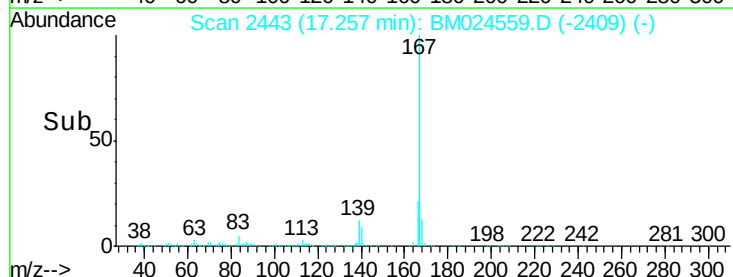
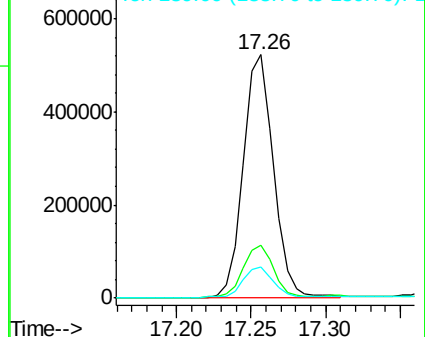
167 100

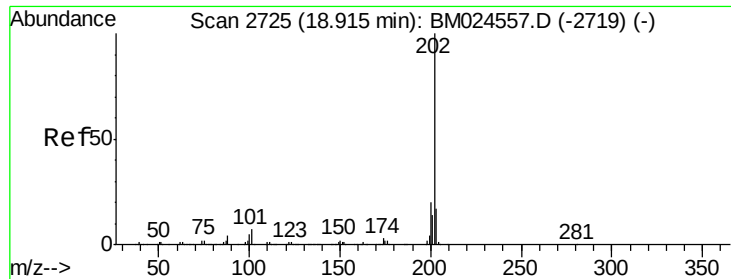
166 21.5 17.1 25.7

139 12.9 10.6 15.8



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





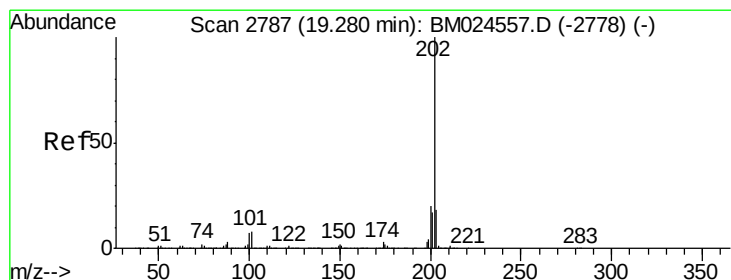
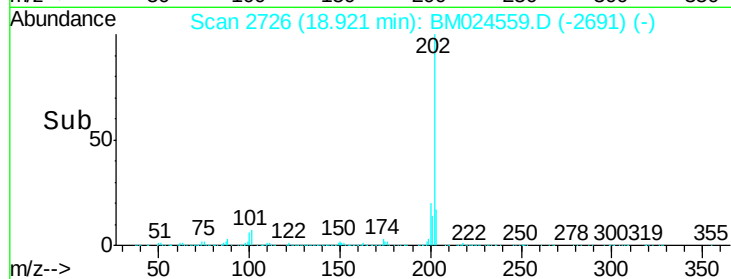
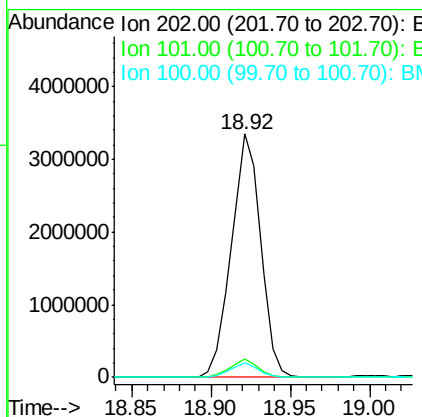
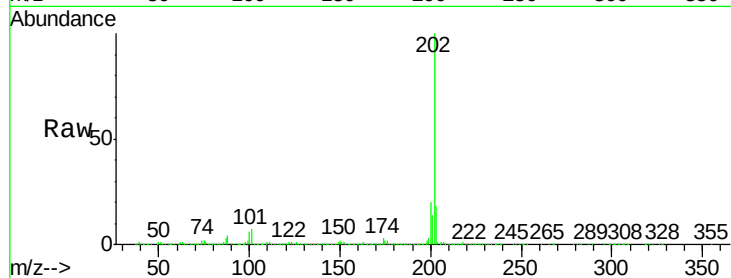
#77
Fluoranthene
 Concen: 38.898 ng/ul
 RT: 18.92 min Scan# 2726
 Delta R.T. 0.01 min
 Lab File: BM024559.D
 Acq: 21 Jan 2020 12:44

Instrument :
 BNA_M
 ClientSampleId :
 GASHOME

Tot Ion	202	Resp: 4289248	
Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.4	8.2
100	5.9	4.3	6.5

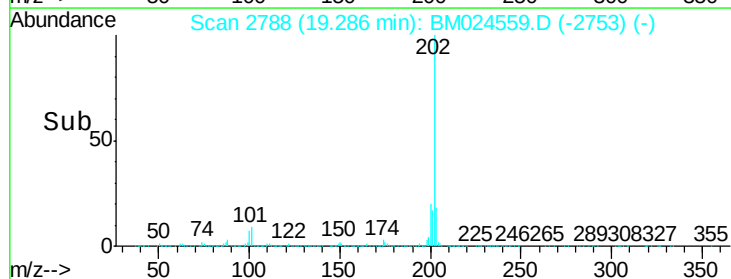
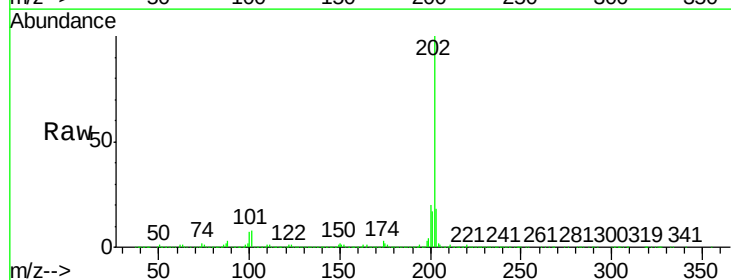
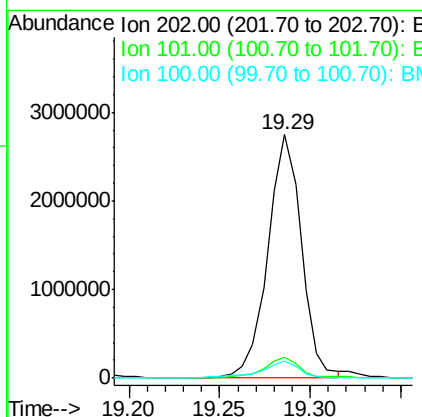
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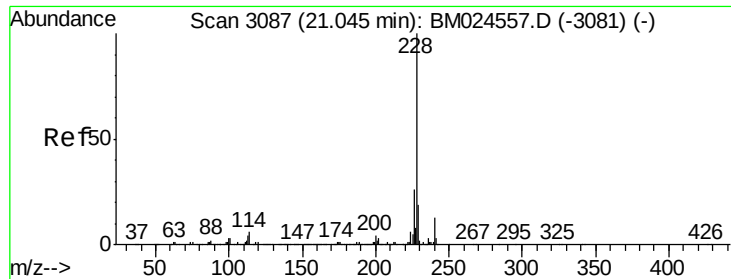
mohammad
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#80
Pyrene
 Concen: 33.350 ng/ul
 RT: 19.29 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: BM024559.D
 Acq: 21 Jan 2020 12:44

Tgt	Ion:202	Resp: 3541637	
Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.5	9.7
100	6.8	5.0	7.6





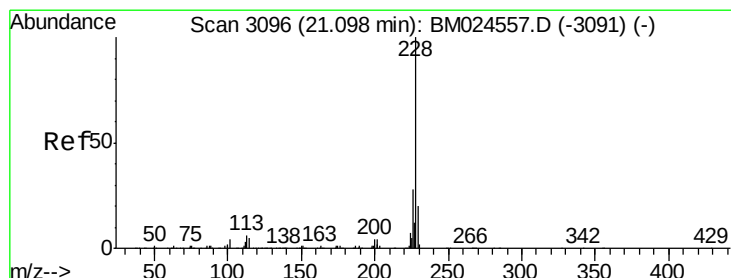
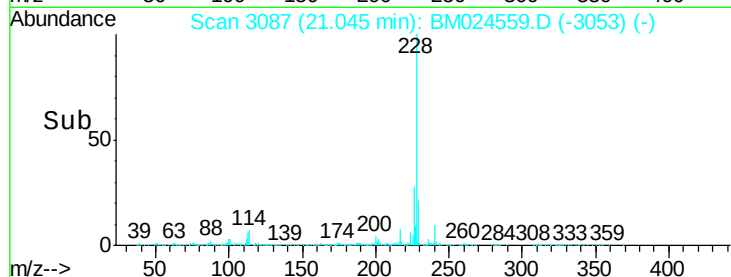
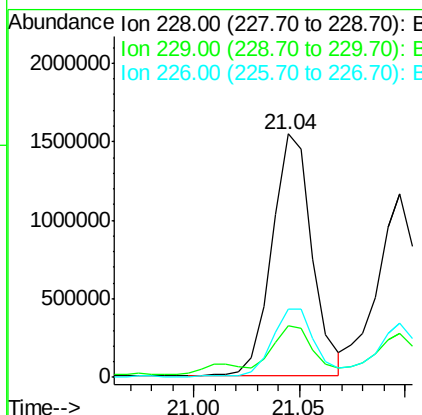
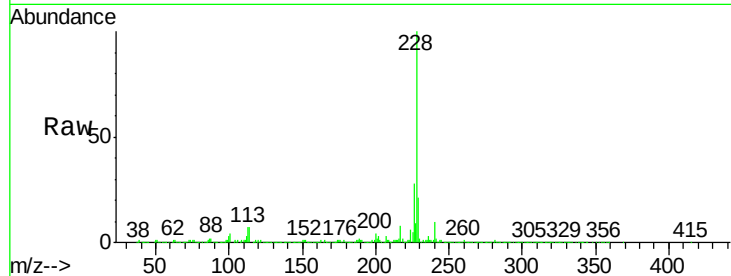
#83
Benzo(a)anthracene
Concen: 19.294 ng/ul
RT: 21.04 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Instrument :
BNA_M
ClientSampleId :
GASHOME

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.9	23.9
226	28.2	21.1	31.7

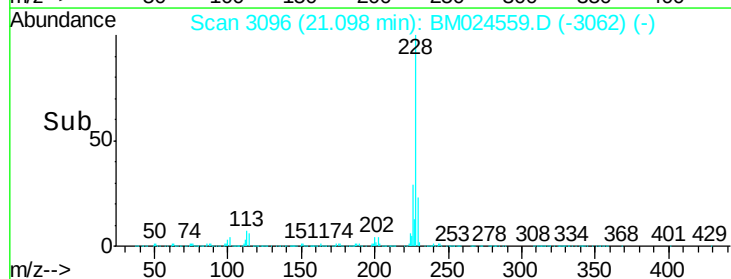
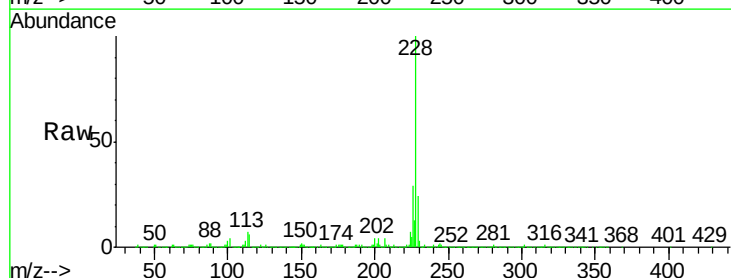
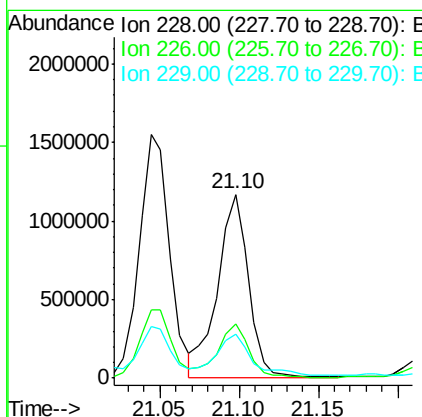
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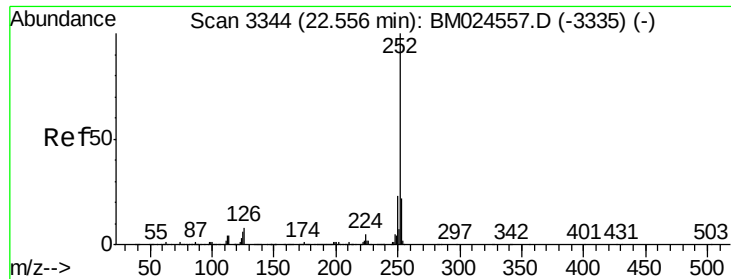
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#85
Chrysene
Concen: 15.442 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	23.8	16.1	24.1





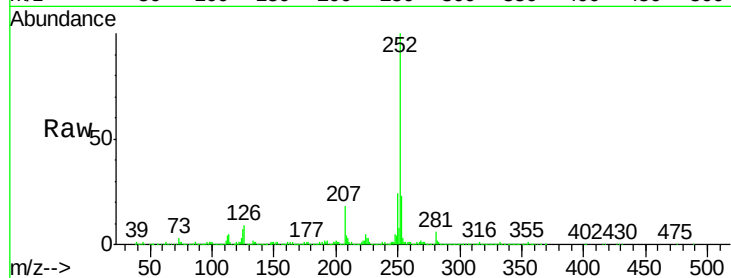
#88
Benzo(b)fluoranthene
Concen: 14.745 ng/ul
RT: 22.56 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Instrument :
BNA_M
ClientSampleId :
GASHOME

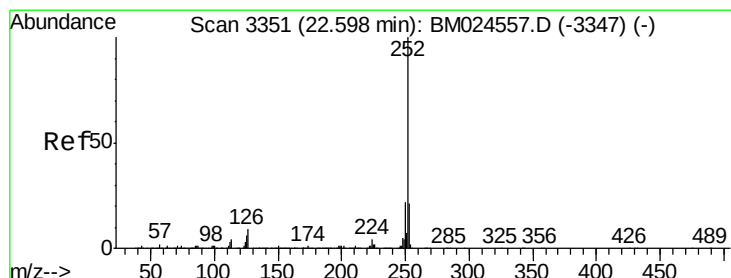
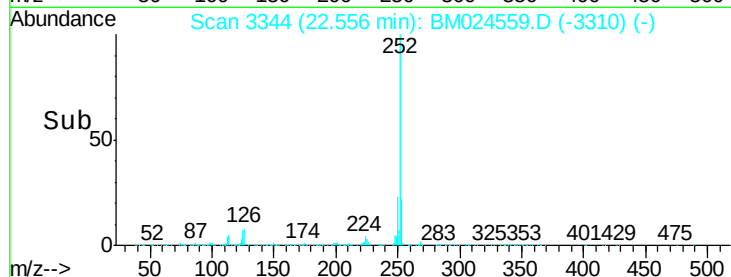
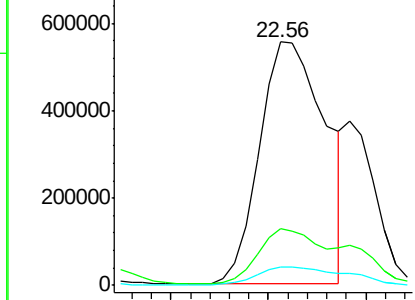
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	7.3	5.3	7.9

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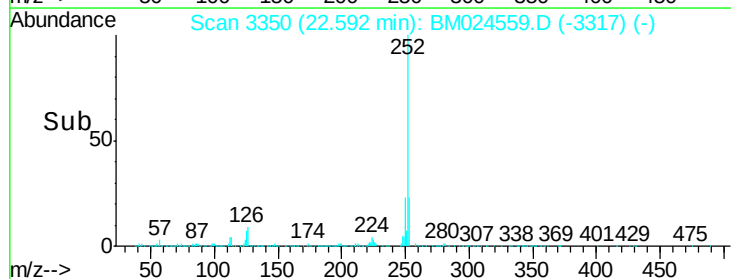
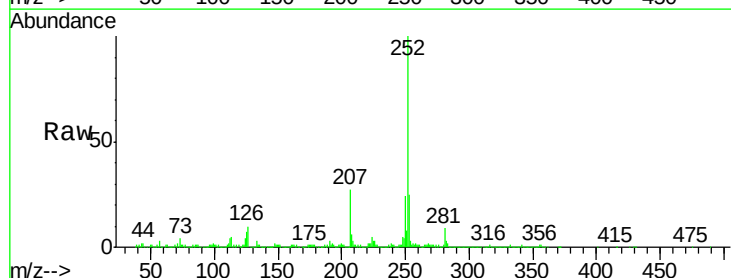
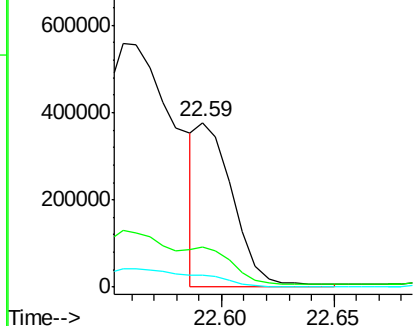
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

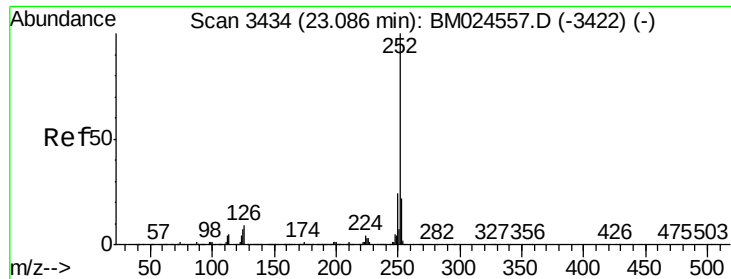


#89
Benzo(k)fluoranthene
Concen: 4.870 ng/ul m
RT: 22.59 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.1	25.7
125	7.4	5.2	7.8

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





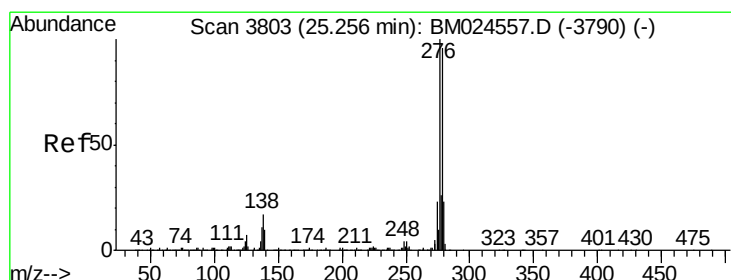
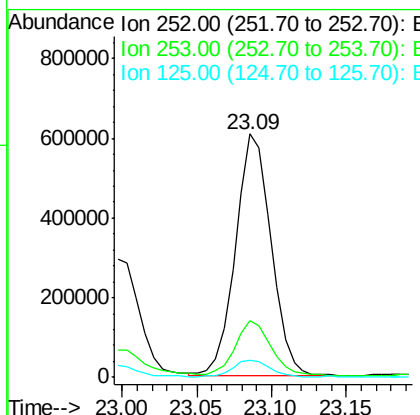
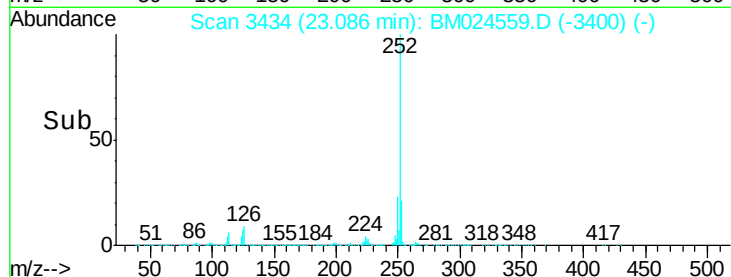
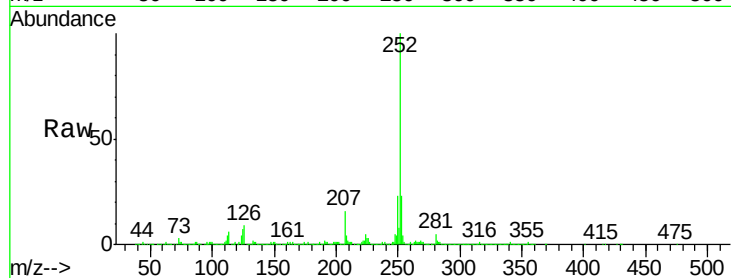
#91
Benzo(a)pyrene
Concen: 13.149 ng/ul
RT: 23.09 min Scan# 3434
Delta R.T. -0.00 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Instrument :
BNA_M
ClientSampleId :
GASHOME

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	7.2	5.7	8.5

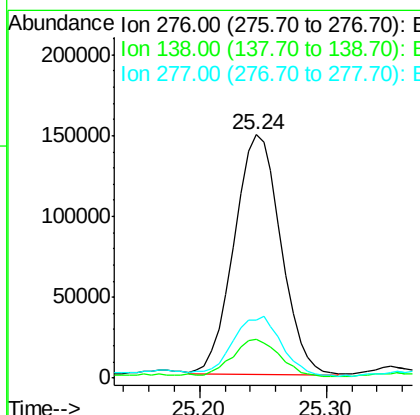
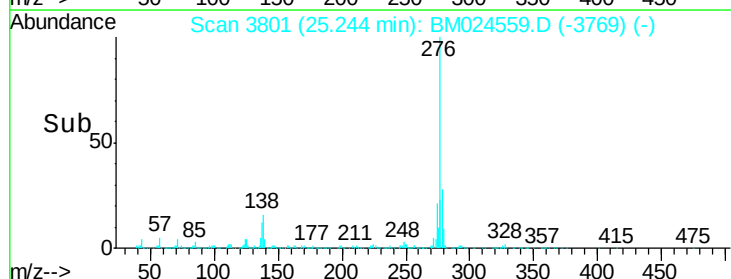
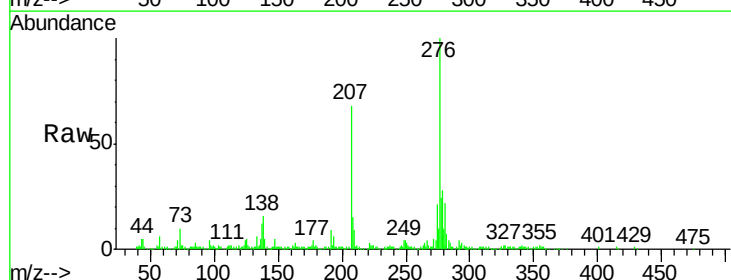
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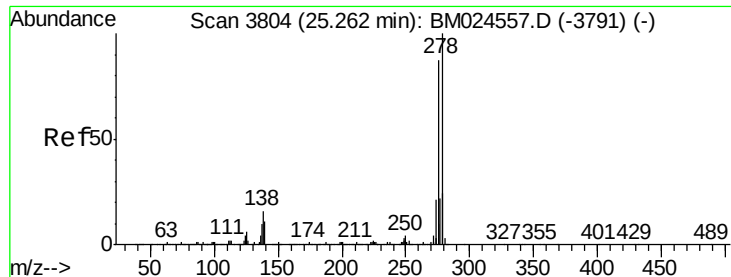
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#92
Indeno(1,2,3-cd)pyrene
Concen: 4.771 ng/ul
RT: 25.24 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.5	18.7
277	23.8	19.0	28.6





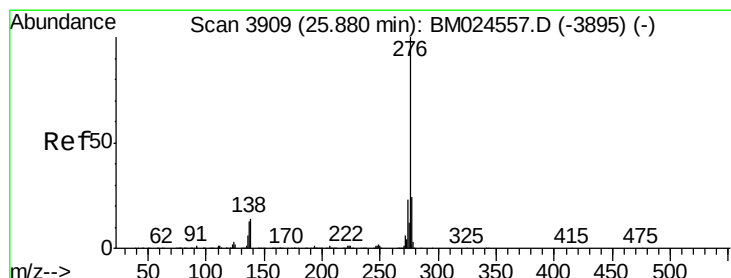
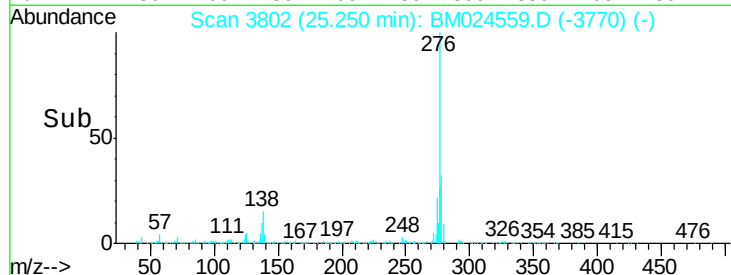
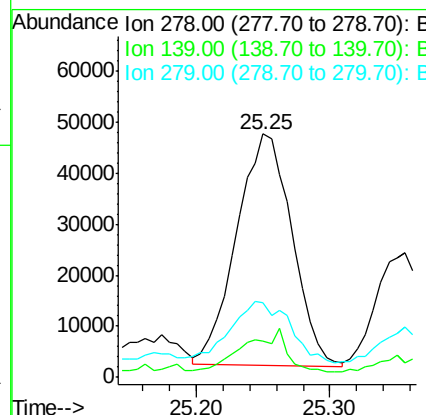
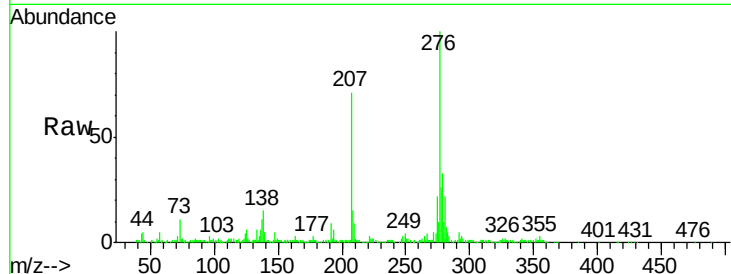
#93
Dibenzo(a,h)anthracene
Concen: 1.918 ng/ul
RT: 25.25 min Scan# 3802
Delta R.T. -0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Instrument :
BNA_M
ClientSampleId :
GASHOME

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	8.7	13.1#
279	30.5	18.6	27.8#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 4.569 ng/ul
RT: 25.87 min Scan# 3908
Delta R.T. -0.01 min
Lab File: BM024559.D
Acq: 21 Jan 2020 12:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.2	18.2
277	22.0	18.8	28.2

