

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030484.D
 Acq On : 17 Jun 2021 02:01
 Operator : CG/JU
 Sample : M2596-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5S5

Manual Integrations
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Quant Time: Jun 17 04:08:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	178995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	677504	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	422947	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	869904	20.000	ng/ul	0.00
79) Chrysene-d12	21.356	240	1070572	20.000	ng/ul	0.01
88) Perylene-d12	23.639	264	1125542	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	11228	2.395	ng/uL	0.00
4) Pyridine-d5	3.734	84	72976	5.925	ng/ul	0.02
7) Phenol-d5	6.998	99	252610	16.238	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	217616	21.674	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	215658	19.168	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	61577	4.956	ng/ul	0.00
21) Nitrobenzene-d5	8.992	128	174934	37.721	ng/ul	0.02
24) 2-Nitrophenol-d4	9.704	143	119229	25.886	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	185418	18.481	ng/ul	0.01
31) 4-Chloroaniline-d4	10.734	131	1129615	73.649	ng/ul	-0.01
46) Dimethylphthalate-d6	13.857	166	630406	21.719	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	830257	22.897	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	80885	14.888	ng/ul	0.01
60) Fluorene-d10	15.439	176	590157	22.711	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	27737	5.524	ng/ul	0.00
73) Anthracene-d10	17.286	188	921076	23.279	ng/ul	0.00
81) Pyrene-d10	19.574	212	969795	17.307	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.492	264	919974	16.392	ng/ul	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.669	128	1645036	47.902	ng/ul#	92
36) 2-Methylnaphthalene	12.281	142	3429747	140.382	ng/ul	99
37) 1-Methylnaphthalene	12.498	142	1541718	62.171	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	59177	1.920	ng/ul	96
50) Acenaphthylene	14.174	152	116436	3.362	ng/ul#	86
52) Acenaphthene	14.516	153	43175	1.678	ng/ul	97
56) Dibenzofuran	14.845	168	51835m	1.448	ng/ul	
61) Fluorene	15.498	166	133355	4.437	ng/ul#	97
72) Phenanthrene	17.233	178	680282	14.463	ng/ul	98
74) Anthracene	17.321	178	157932m	3.327	ng/ul	
77) Carbazole	17.592	167	46545	1.104	ng/ul#	72
80) Fluoranthene	19.239	202	900477	13.078	ng/ul	97
82) Pyrene	19.604	202	632647	8.688	ng/ul	95
85) Benzo(a)anthracene	21.339	228	520512	8.047	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.268	149	494923	14.276	ng/ul#	93
87) Chrysene	21.392	228	502087	7.872	ng/ul#	95
90) Benzo(b)fluoranthene	22.950	252	820590	11.342	ng/ul#	82
91) Benzo(k)fluoranthene	22.992	252	262637m	3.800	ng/ul	
93) Benzo(a)pyrene	23.539	252	249892	3.952	ng/ul#	62
94) Indeno(1,2,3-cd)pyrene	25.944	276	283520	3.643	ng/ul	94
95) Dibenzo(a,h)anthracene	25.944	278	125567	1.916	ng/ul#	74

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

Instrument :
BNA_M
ClientSampleId :
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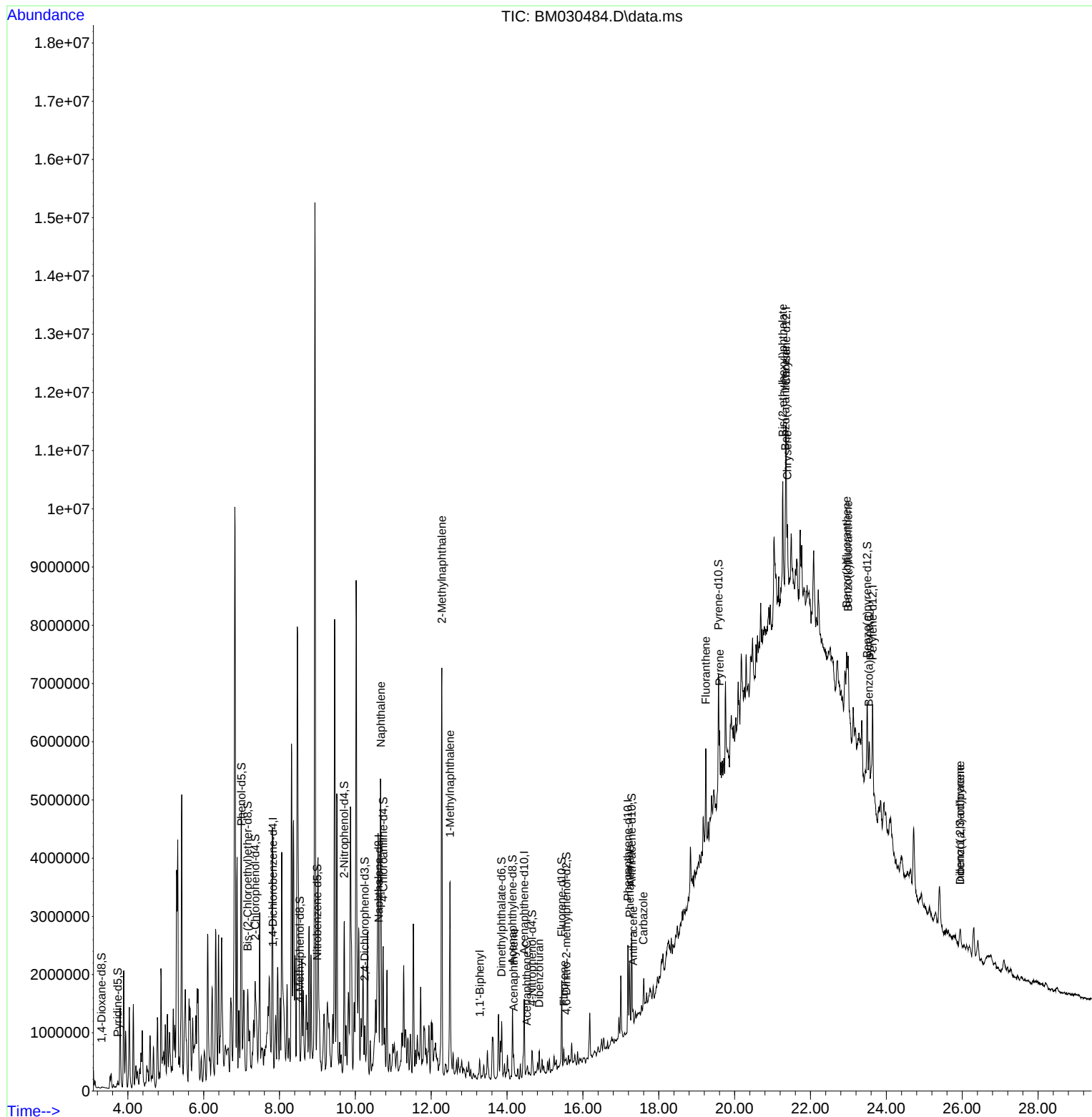
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Data File : BM030484.D
Acq On : 17 Jun 2021 02:01
Operator : CG/JU
Sample : M2596-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

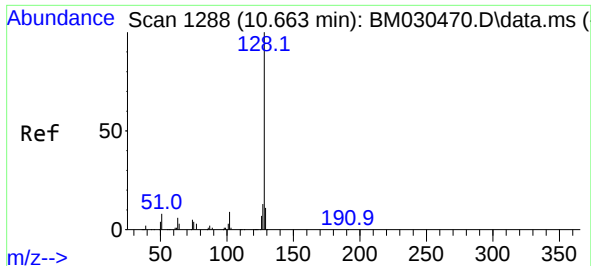
Instrument :
BNA_M
ClientSampleId :
BG5S5

Manual Integrations
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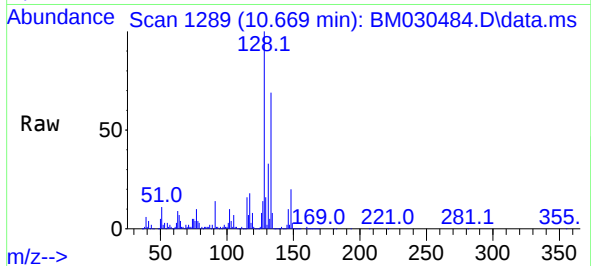
Quant Time: Jun 17 04:08:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
Response via : Initial Calibration





#30
Naphthalene
Concen: 47.902 ng/ul
RT: 10.669 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

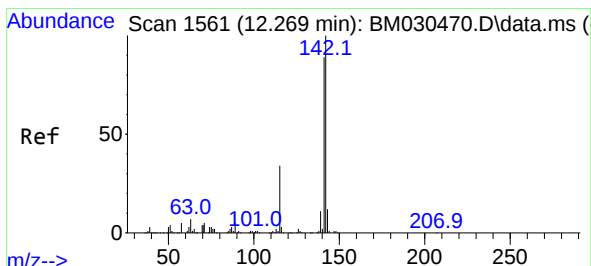
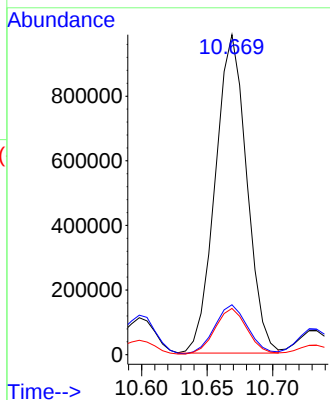
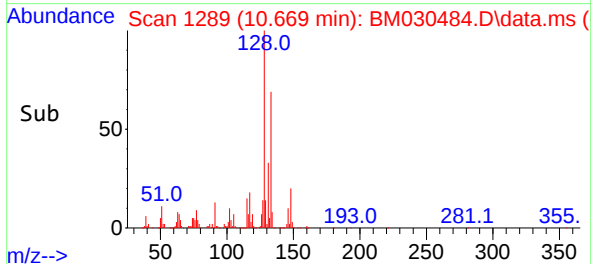
Instrument :
BNA_M
ClientSampled :
BG5S5



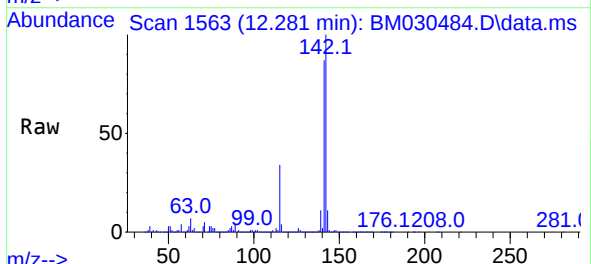
Tgt Ion:128 Resp: 1645036
Ion Ratio Lower Upper
128 100
129 15.6 8.6 13.0#
127 14.5 10.2 15.2

Manual Integrations
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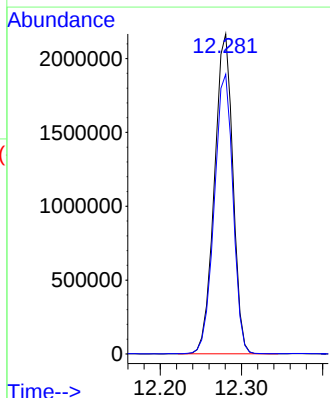
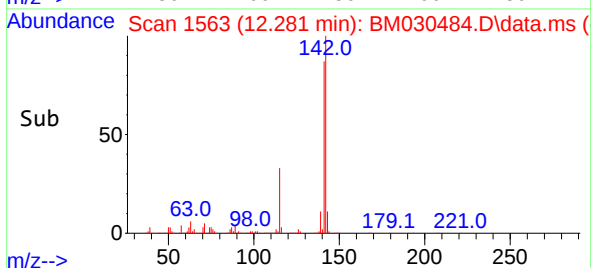
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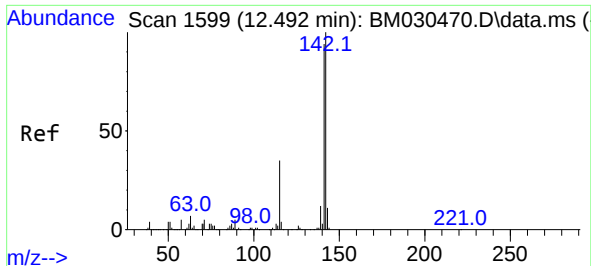


#36
2-Methylnaphthalene
Concen: 140.382 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. 0.012 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01



Tgt Ion:142 Resp: 3429747
Ion Ratio Lower Upper
142 100
141 87.4 70.8 106.2





#37
1-Methylnaphthalene
Concen: 62.171 ng/ul
RT: 12.498 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

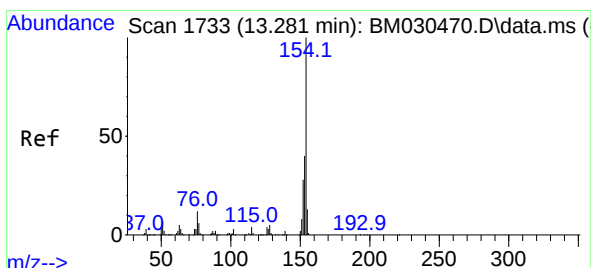
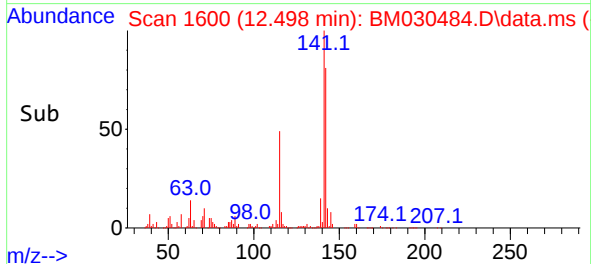
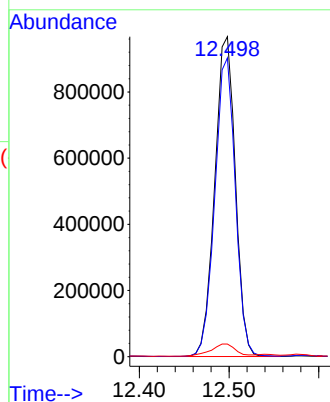
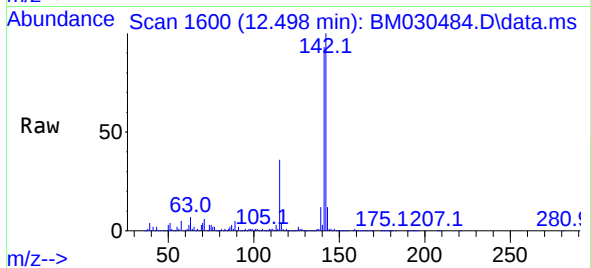
Tgt Ion:142 Resp: 1541718

Ion	Ratio	Lower	Upper
142	100		
141	93.3	74.2	111.2
116	4.0	3.3	4.9

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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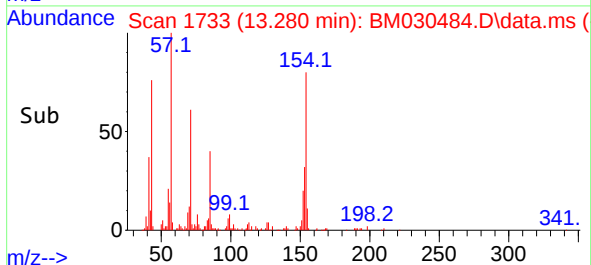
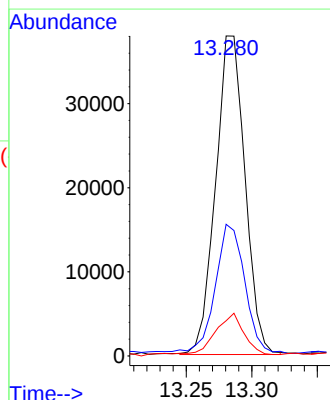
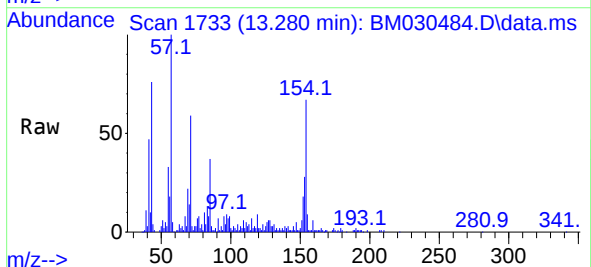
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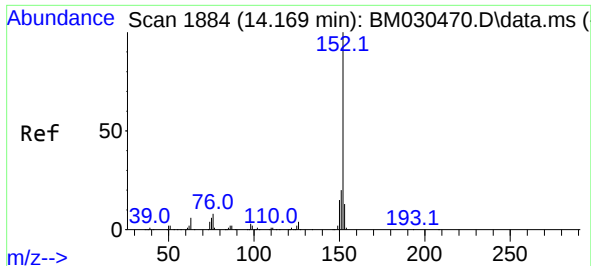


#43
1,1'-Biphenyl
Concen: 1.920 ng/ul
RT: 13.280 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

Tgt Ion:154 Resp: 59177

Ion	Ratio	Lower	Upper
154	100		
153	41.2	31.5	47.3
76	11.0	10.8	16.2





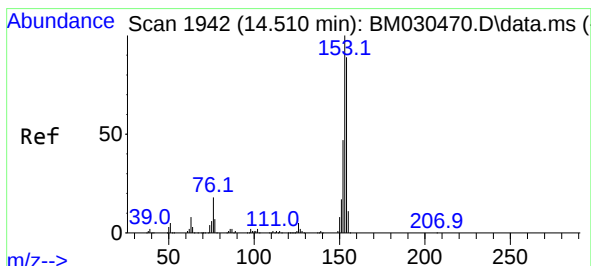
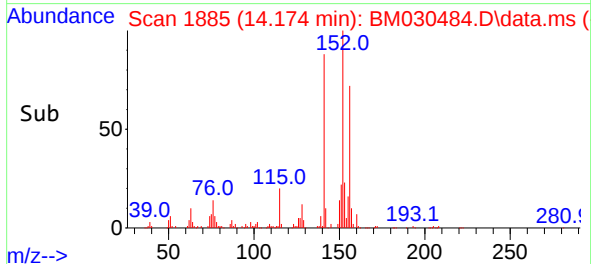
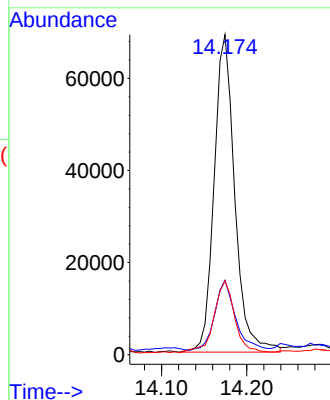
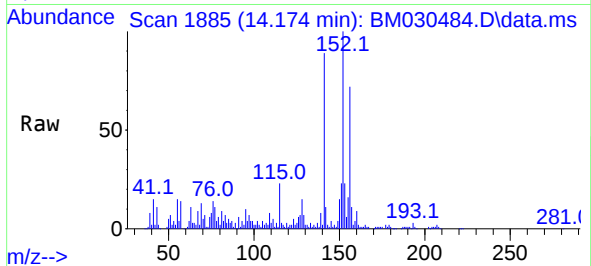
#50
Acenaphthylene
Concen: 3.362 ng/u1
RT: 14.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

Tgt Ion:152 Resp: 116436
Ion Ratio Lower Upper
152 100
151 23.3 15.9 23.9
153 23.1 10.5 15.7#

Instrument :
BNA_M
ClientSampled :
BG5S5

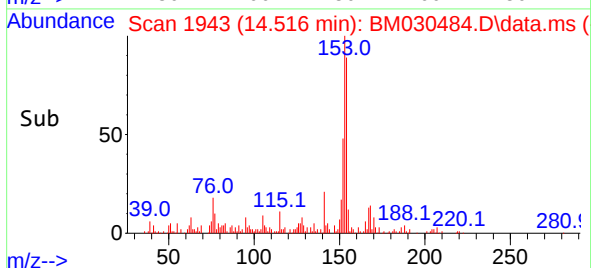
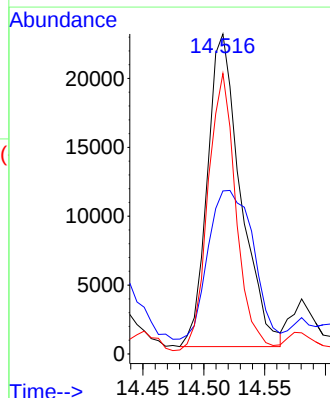
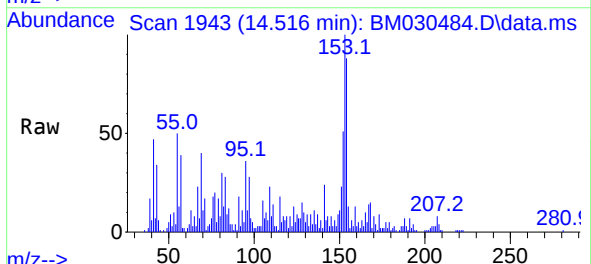
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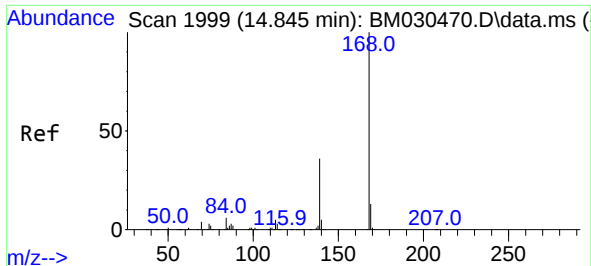
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#52
Acenaphthene
Concen: 1.678 ng/u1
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

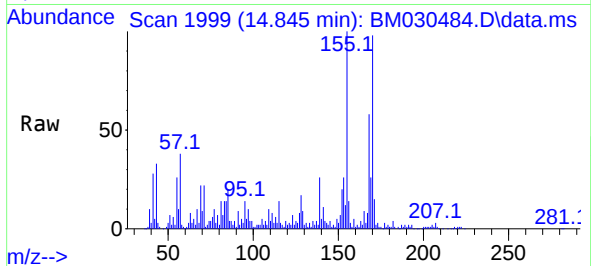
Tgt Ion:153 Resp: 43175
Ion Ratio Lower Upper
153 100
152 51.0 39.0 58.4
154 87.6 71.7 107.5





#56
Dibenzofuran
Concen: 1.448 ng/ul m
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

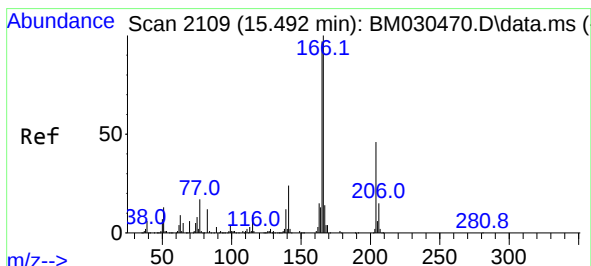
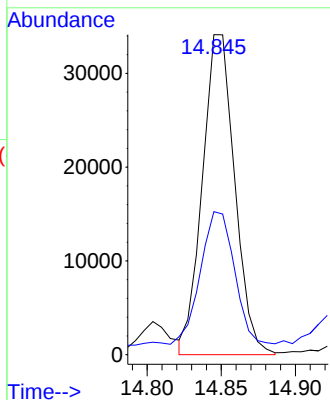
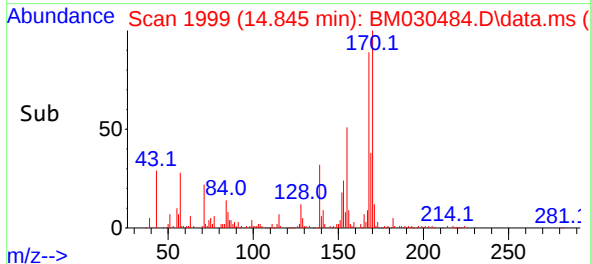
Instrument :
BNA_M
ClientSampled :
BG5S5



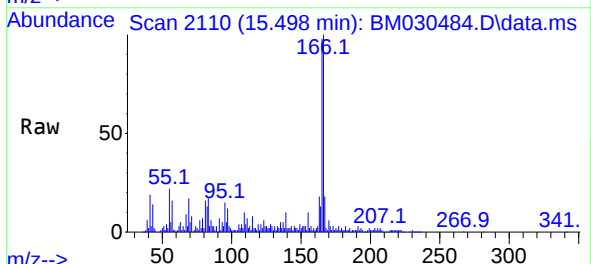
Tgt Ion:168 Resp: 51835
Ion Ratio Lower Upper
168 100
139 44.7 29.4 44.0#

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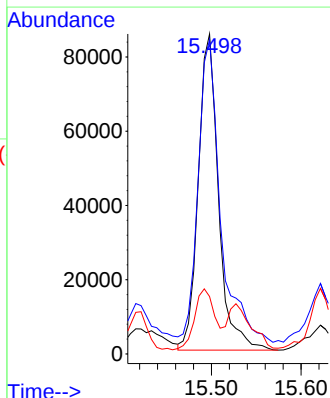
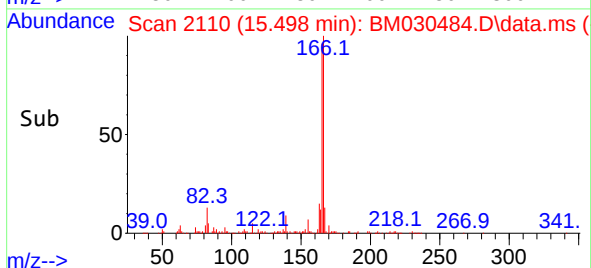
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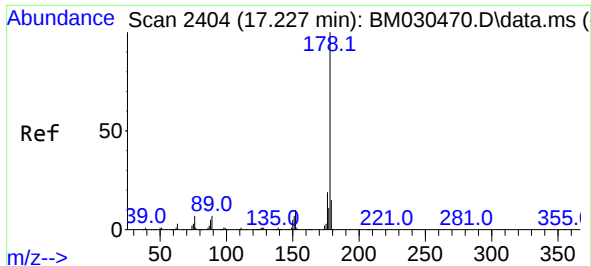


#61
Fluorene
Concen: 4.437 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01



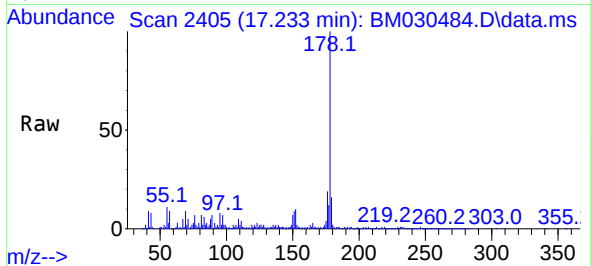
Tgt Ion:166 Resp: 133355
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 18.0 10.5 15.7#





#72
Phenanthrene
Concen: 14.463 ng/u1
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

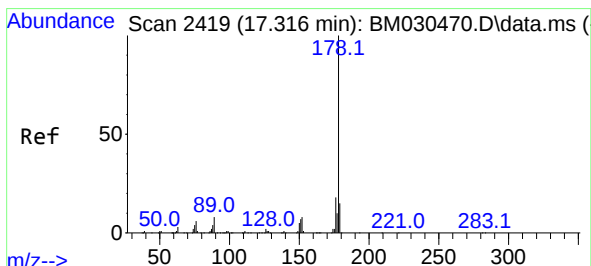
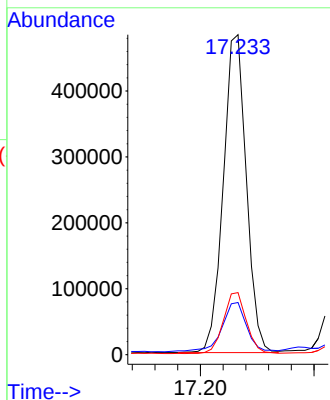
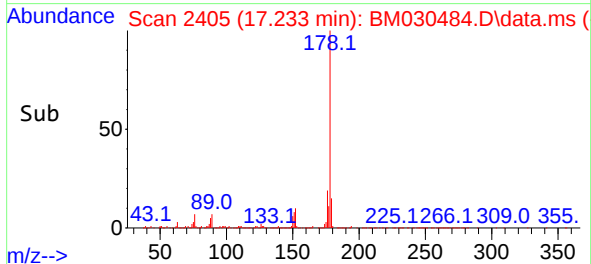
Instrument :
BNA_M
ClientSampled :
BG5S5



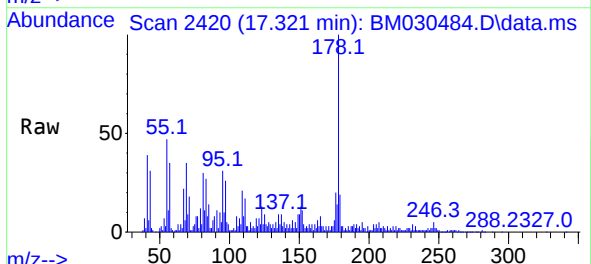
Tgt Ion:178 Resp: 680282
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.2
176 19.4 15.0 22.6

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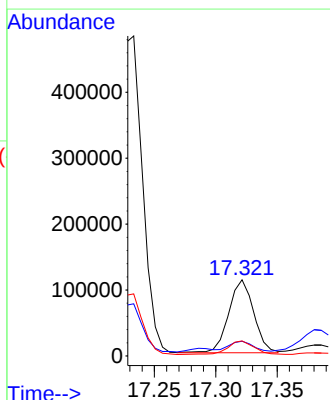
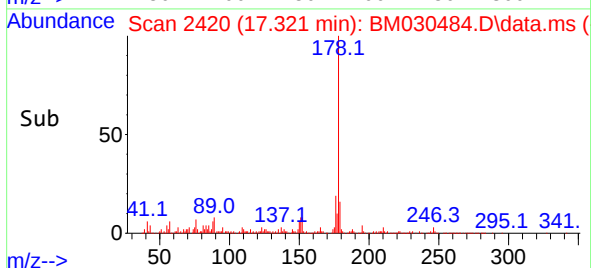
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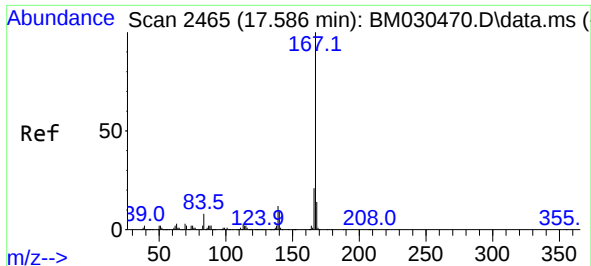


#74
Anthracene
Concen: 3.327 ng/u1 m
RT: 17.321 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01



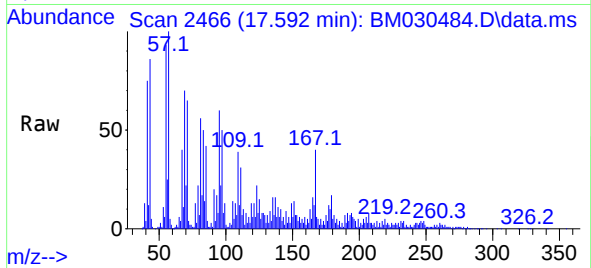
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Ion Ratio Lower Upper
178 100
179 19.4 12.5 18.7#
176 19.8 15.0 22.4





#77
 Carbazole
 Concen: 1.104 ng/u1
 RT: 17.592 min Scan# 2466
 Delta R.T. 0.006 min
 Lab File: BM030484.D
 Acq: 17 Jun 2021 02:01

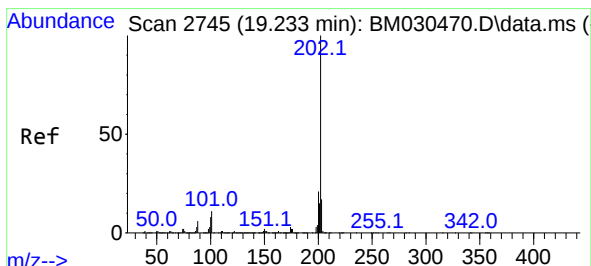
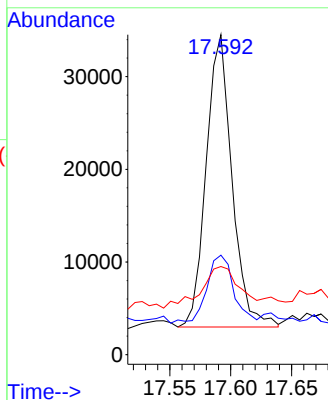
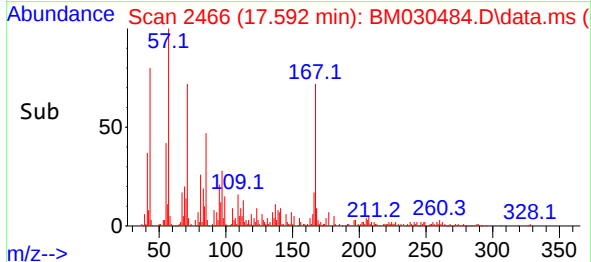
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 ClientSampled :
 BG5S5



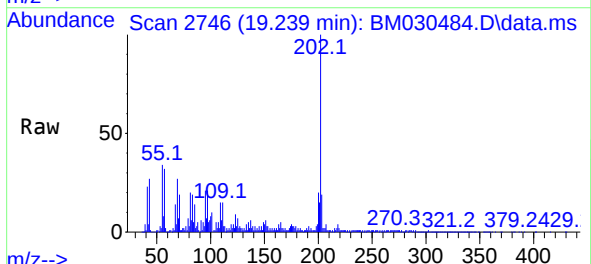
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 Ion Ratio Lower Upper
 167 100
 166 31.1 16.7 25.1#
 139 27.5 9.8 14.8#

Manual Integrations
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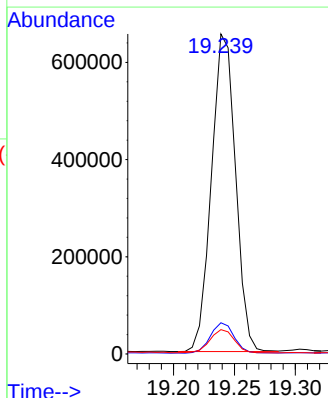
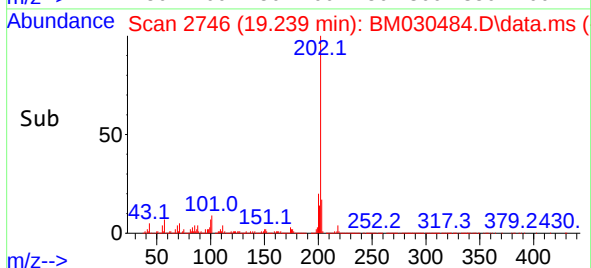
mohammad
 6/17/2021 12:17:41 PM

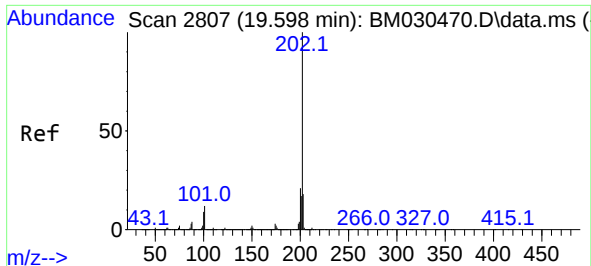


#80
 Fluoranthene
 Concen: 13.078 ng/u1
 RT: 19.239 min Scan# 2746
 Delta R.T. 0.006 min
 Lab File: BM030484.D
 Acq: 17 Jun 2021 02:01



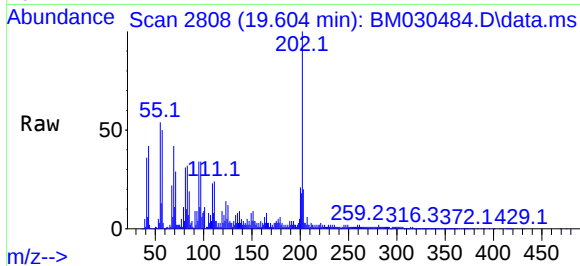
Tgt Ion:202 Resp: 900477
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.7 13.1
 100 7.6 6.6 10.0





#82
Pyrene
Concen: 8.688 ng/u1
RT: 19.604 min Scan# 2808
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

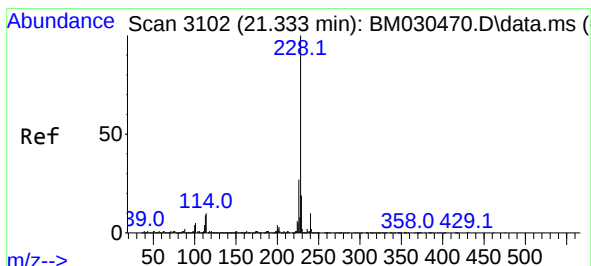
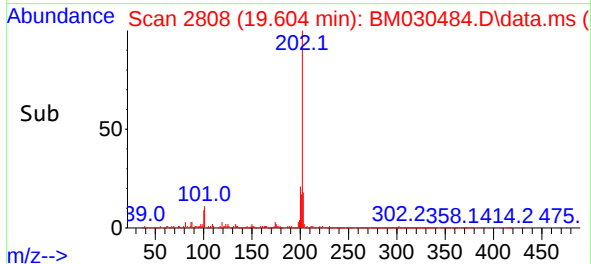
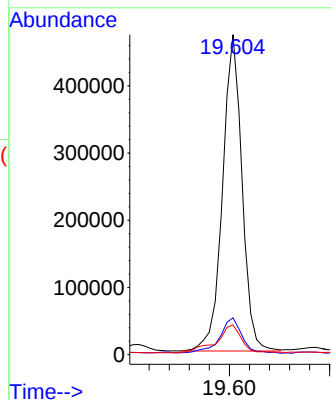
Instrument :
BNA_M
ClientSampled :
BG5S5



Tgt Ion:202 Resp: 632647
Ion Ratio Lower Upper
202 100
101 11.5 10.8 16.2
100 9.3 9.1 13.7

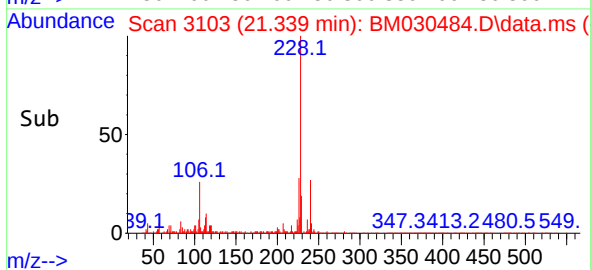
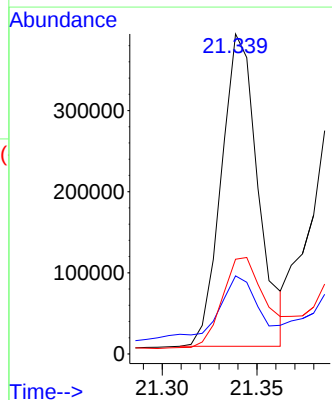
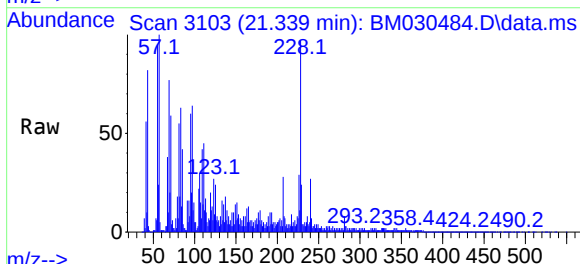
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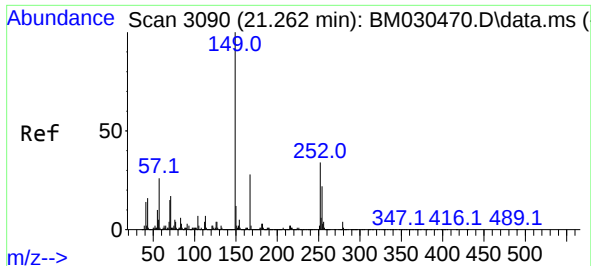
mohammad
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#85
Benzo(a)anthracene
Concen: 8.047 ng/u1
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

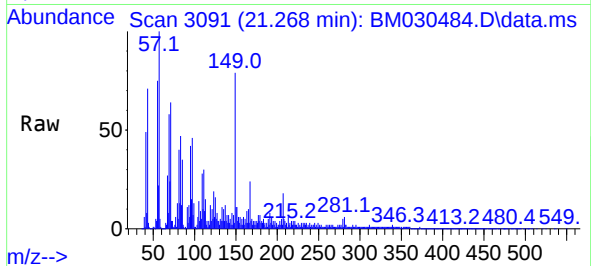
Tgt Ion:228 Resp: 520512
Ion Ratio Lower Upper
228 100
229 24.4 15.6 23.4#
226 29.6 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 14.276 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

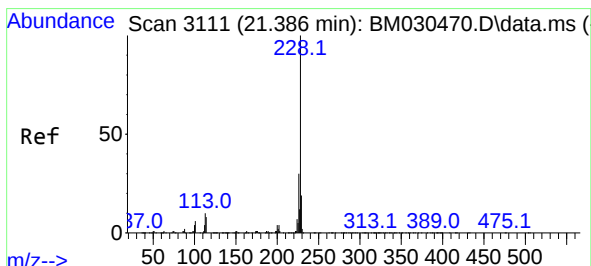
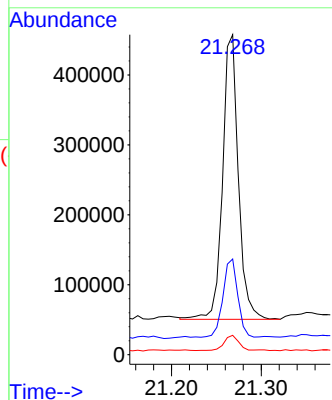
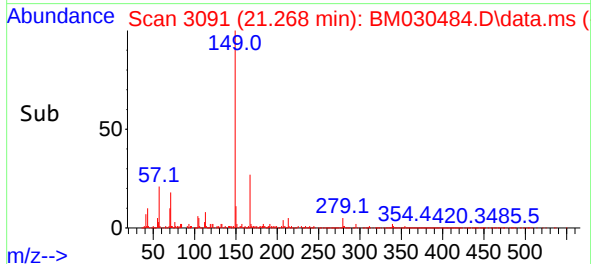
Instrument :
BNA_M
ClientSampled :
BG5S5



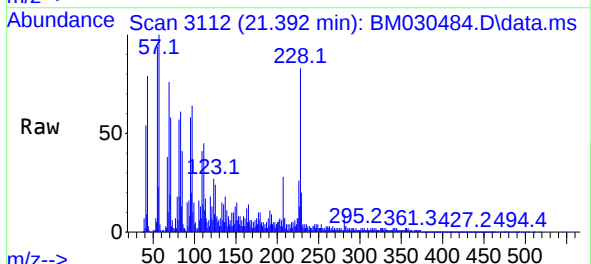
Tgt Ion:149 Resp: 494923
Ion Ratio Lower Upper
149 100
167 29.9 20.9 31.3
279 6.1 3.0 4.6#

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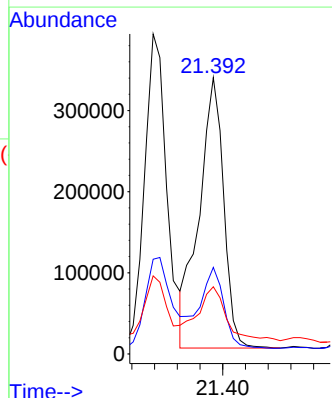
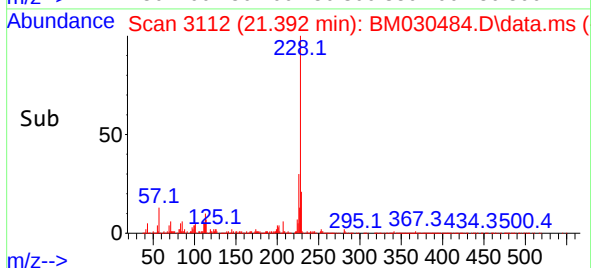
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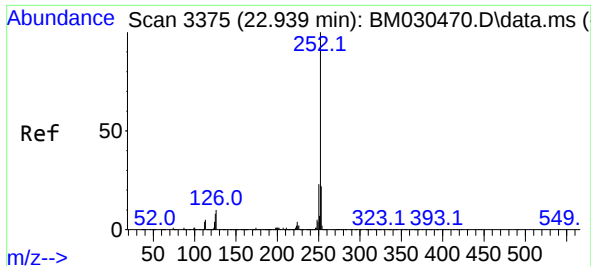


#87
Chrysene
Concen: 7.872 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01



Tgt Ion:228 Resp: 502087
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 24.3 15.8 23.6#





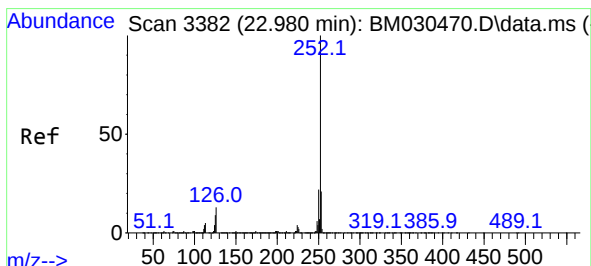
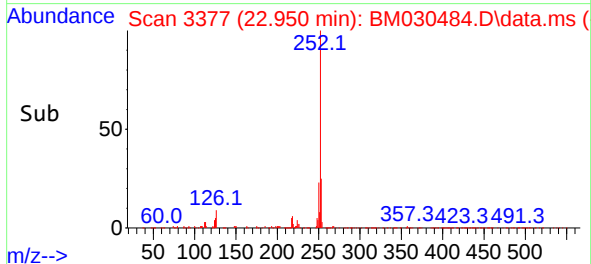
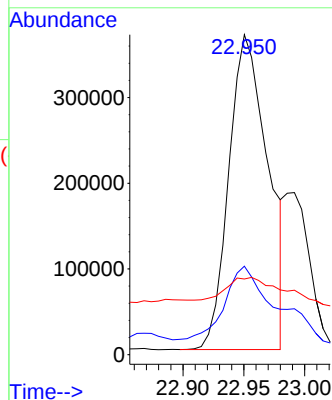
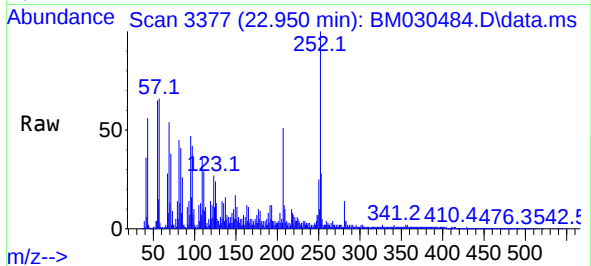
#90
Benzo(b)fluoranthene
Concen: 11.342 ng/ul
RT: 22.950 min Scan# 3377
Delta R.T. 0.018 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

Tgt Ion:252 Resp: 820590
Ion Ratio Lower Upper
252 100
253 27.6 18.0 27.0#
125 23.7 8.6 13.0#

Instrument :
BNA_M
ClientSampled :
BG5S5

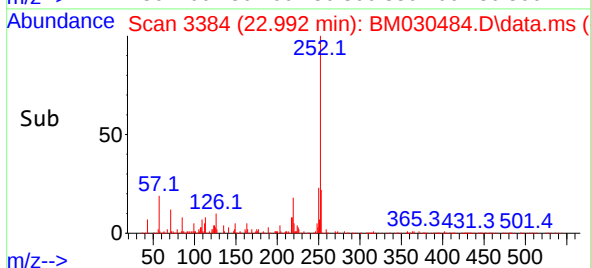
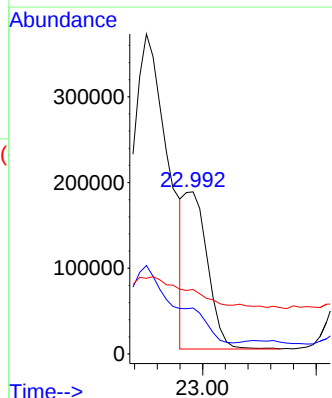
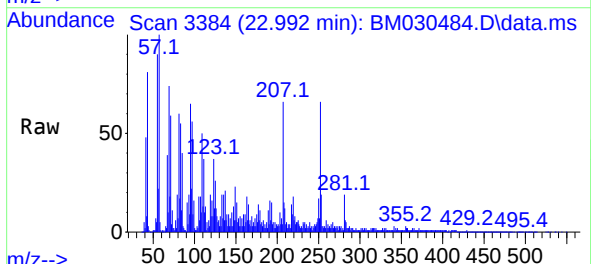
Manual Integrations
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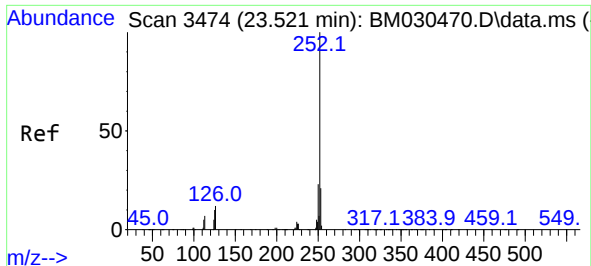
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#91
Benzo(k)fluoranthene
Concen: 3.800 ng/ul m
RT: 22.992 min Scan# 3384
Delta R.T. 0.018 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

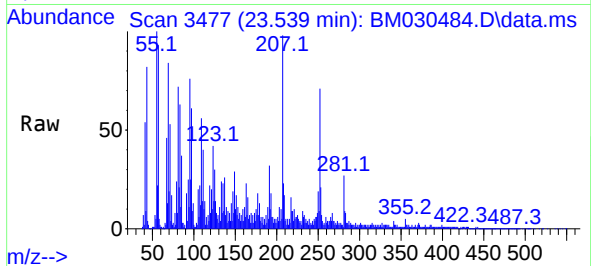
Tgt Ion:252 Resp: 262637
Ion Ratio Lower Upper
252 100
253 28.3 17.9 26.9#
125 39.8 8.4 12.6#





#93
Benzo(a)pyrene
Concen: 3.952 ng/ul
RT: 23.539 min Scan# 3477
Delta R.T. 0.024 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01

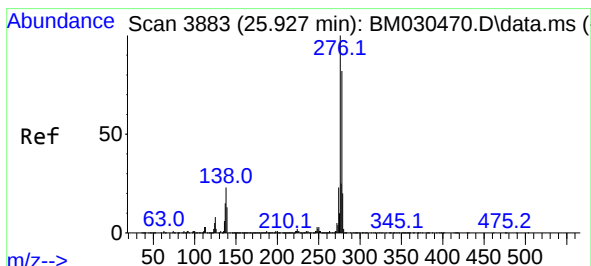
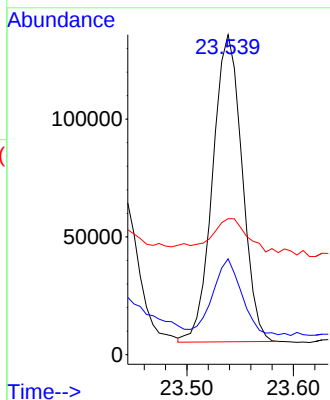
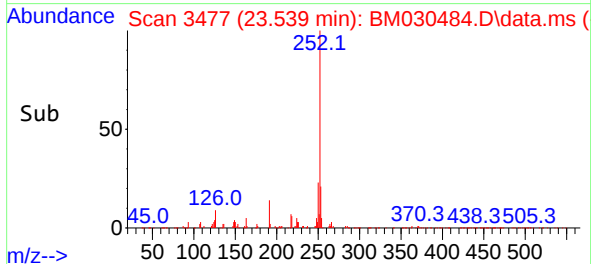
Instrument :
BNA_M
ClientSampleId :
BG5S5



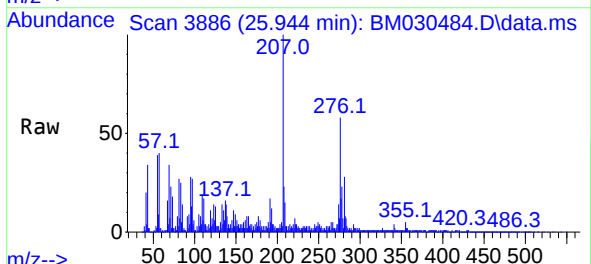
Tgt Ion:252 Resp: 249892
Ion Ratio Lower Upper
252 100
253 30.0 17.8 26.8#
125 42.5 9.5 14.3#

Manual Integrations
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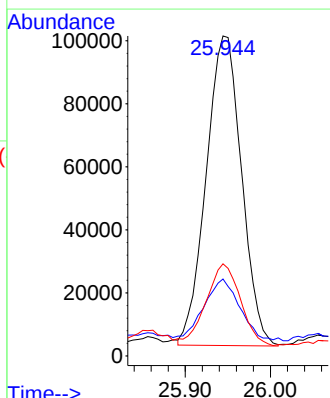
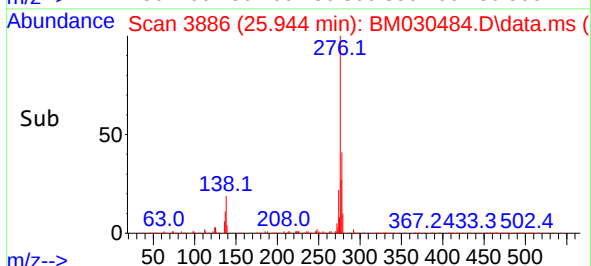
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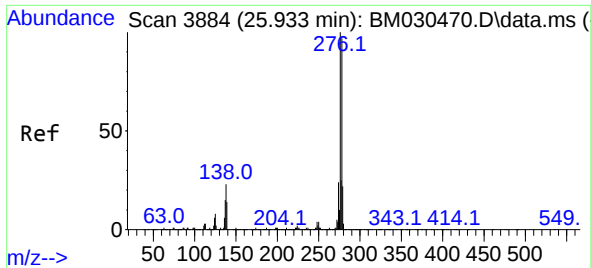


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.643 ng/ul
RT: 25.944 min Scan# 3886
Delta R.T. 0.030 min
Lab File: BM030484.D
Acq: 17 Jun 2021 02:01



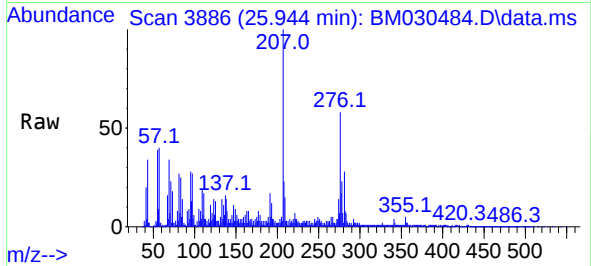
Tgt Ion:276 Resp: 283520
Ion Ratio Lower Upper
276 100
138 24.0 21.8 32.6
277 28.8 20.3 30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 1.916 ng/ul
 RT: 25.944 min Scan# 3886
 Delta R.T. 0.018 min
 Lab File: BM030484.D
 Acq: 17 Jun 2021 02:01

Instrument :
 BNA_M
 ClientSampleId :
 BG5S5



Tgt Ion:278 Resp: 125567

Ion	Ratio	Lower	Upper
278	100		
139	33.3	13.4	20.2#
279	32.0	18.6	28.0#

Manual Integrations
 APPROVED

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