

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030482.D
 Acq On : 17 Jun 2021 00:48
 Operator : CG/JU
 Sample : M2596-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5R5

Manual Integrations
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Quant Time: Jun 17 04:14:10 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	197303	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	755229	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	474284	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1009012	20.000	ng/u1	0.00
79) Chrysene-d12	21.350	240	1117965	20.000	ng/u1	0.00
88) Perylene-d12	23.627	264	1210239	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	10131	1.961	ng/uL	0.01
4) Pyridine-d5	3.740	84	81366	5.993	ng/u1	0.02
7) Phenol-d5	6.998	99	282415	16.469	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	183606	16.590	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	246314	19.862	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	122678	8.958	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	115801	22.400	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	124735	24.294	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	228137	20.398	ng/u1	0.00
31) 4-Chloroaniline-d4	10.757	131	166610	9.745	ng/u1	0.01
46) Dimethylphthalate-d6	13.857	166	691763	21.254	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	907434	22.317	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	82662	13.568	ng/u1	0.01
60) Fluorene-d10	15.439	176	646302	22.180	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	32515	5.583	ng/u1	0.00
73) Anthracene-d10	17.286	188	995810	21.698	ng/u1	0.00
81) Pyrene-d10	19.574	212	1034341	17.677	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.480	264	975751	16.169	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.663	128	98731	2.579	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	46805	1.719	ng/u1	99
37) 1-Methylnaphthalene	12.492	142	44427	1.607	ng/u1	100
50) Acenaphthylene	14.174	152	57190	1.473	ng/u1#	93
52) Acenaphthene	14.510	153	121066	4.196	ng/u1	98
56) Dibenzofuran	14.845	168	88075	2.194	ng/u1	100
61) Fluorene	15.498	166	148109	4.394	ng/u1	99
72) Phenanthrene	17.233	178	2353127	43.131	ng/u1	99
74) Anthracene	17.321	178	534559	9.708	ng/u1	99
77) Carbazole	17.586	167	163092	3.335	ng/u1	98
78) Di-n-butylphthalate	18.151	149	5543393	108.238	ng/u1	99
80) Fluoranthene	19.239	202	3397809	47.256	ng/u1	97
82) Pyrene	19.603	202	2646427	34.804	ng/u1#	93
85) Benzo(a)anthracene	21.339	228	1687907	24.987	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.262	149	303262	8.377	ng/u1#	97
87) Chrysene	21.386	228	1569175	23.559	ng/u1	98
90) Benzo(b)fluoranthene	22.944	252	1933323	24.852	ng/u1	98
91) Benzo(k)fluoranthene	22.980	252	729644m	9.819	ng/u1	
93) Benzo(a)pyrene	23.527	252	746518	10.979	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.927	276	666487	7.964	ng/u1#	93
95) Dibenzo(a,h)anthracene	25.932	278	253288	3.595	ng/u1#	93

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

Instrument :
BNA_M
ClientSampleId :
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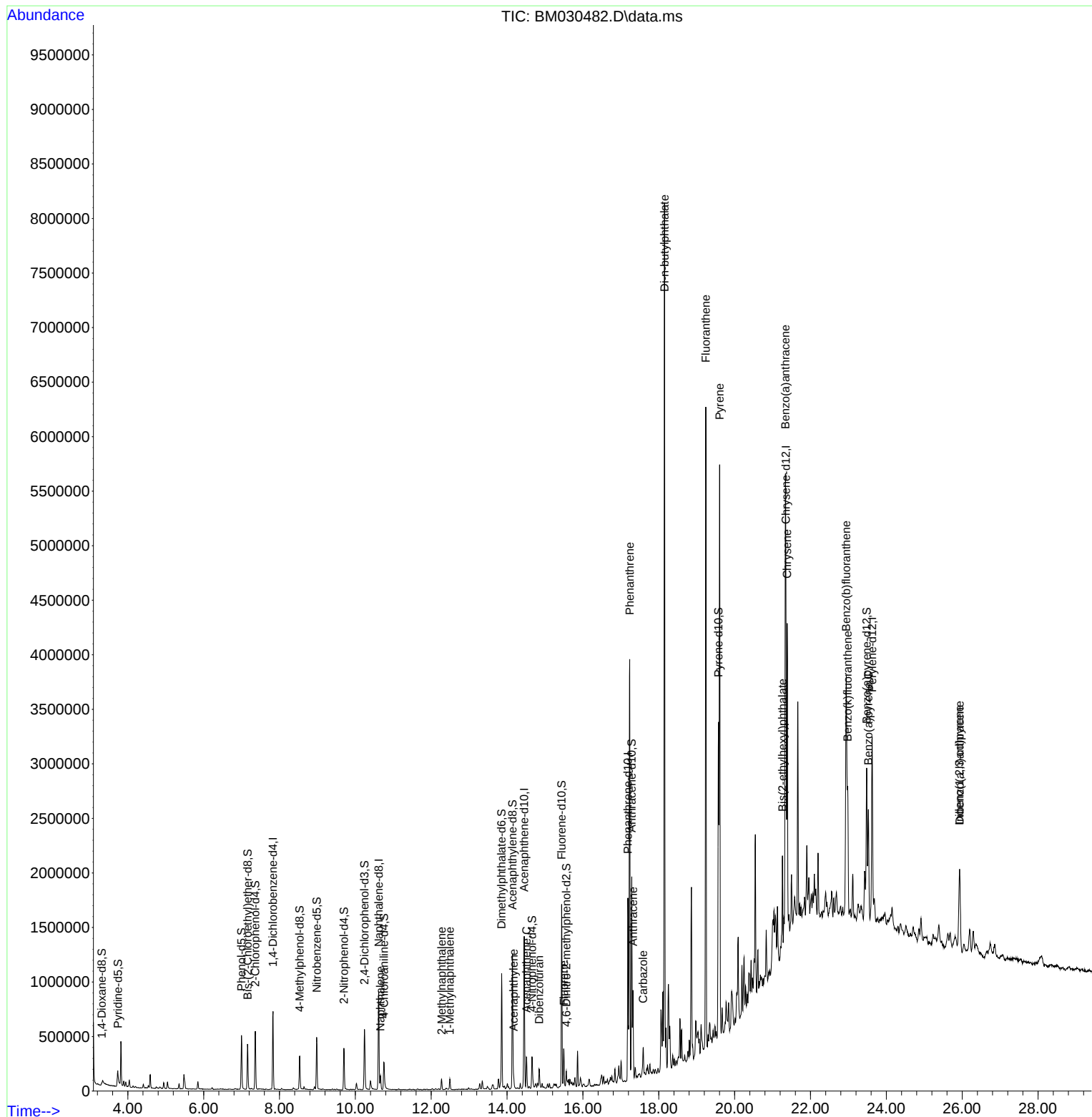
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Data File : BM030482.D
Acq On : 17 Jun 2021 00:48
Operator : CG/JU
Sample : M2596-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

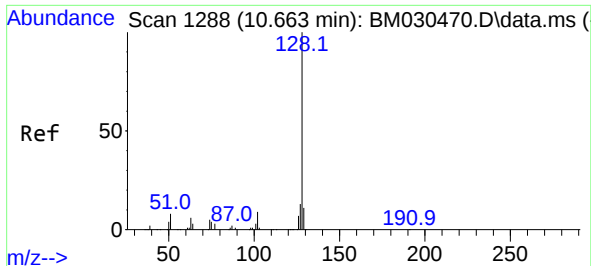
Instrument :
BNA_M
ClientSampleId :
BG5R5

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 18:05:47 2021
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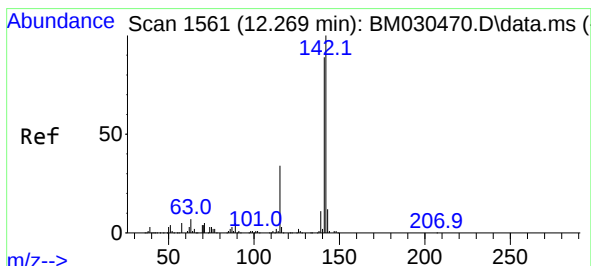
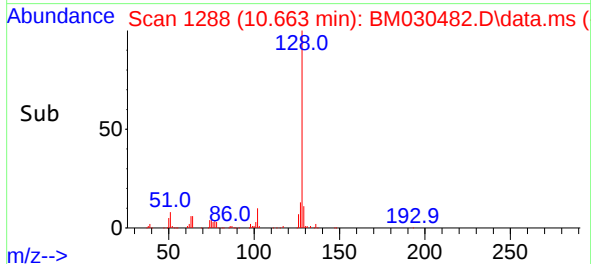
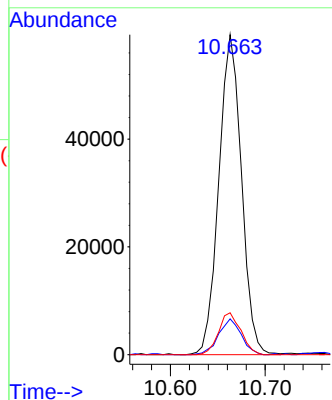
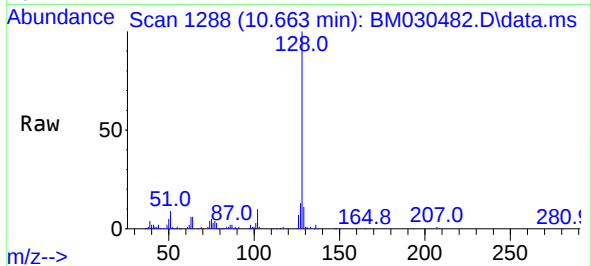
#30
Naphthalene
Concen: 2.579 ng/u1
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:128 Resp: 98731
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.2 15.2

Instrument :
BNA_M
ClientSampled :
BG5R5

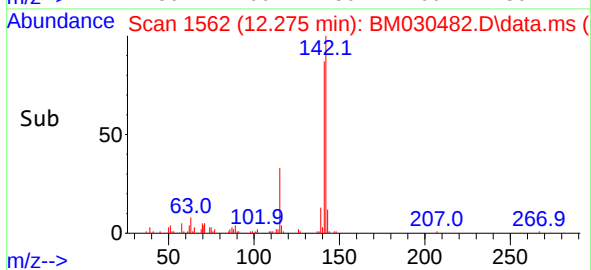
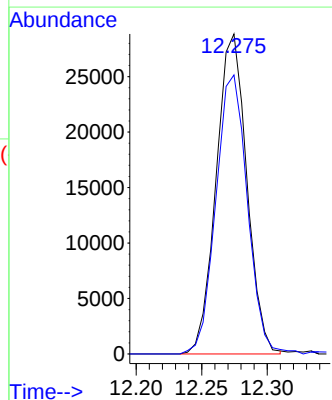
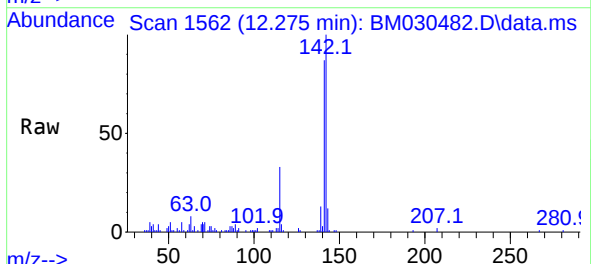
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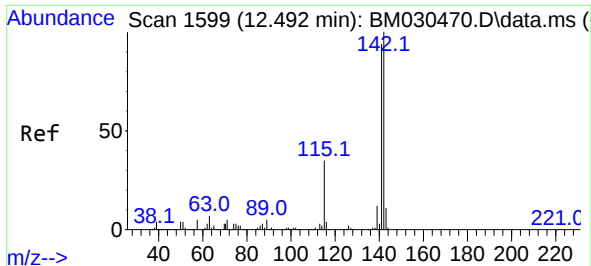
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#36
2-Methylnaphthalene
Concen: 1.719 ng/u1
RT: 12.275 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

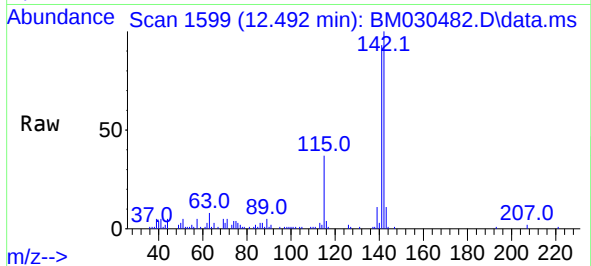
Tgt Ion:142 Resp: 46805
Ion Ratio Lower Upper
142 100
141 87.2 70.8 106.2





#37
1-Methylnaphthalene
Concen: 1.607 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

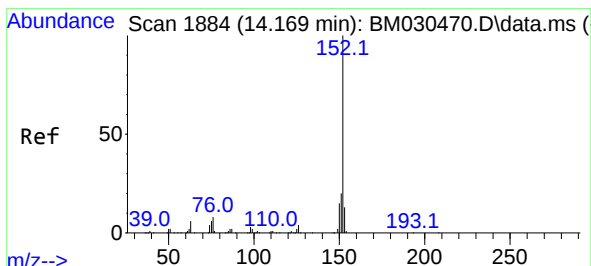
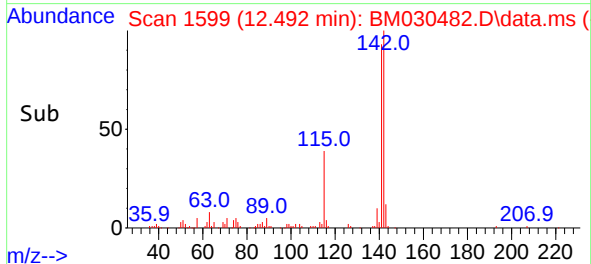
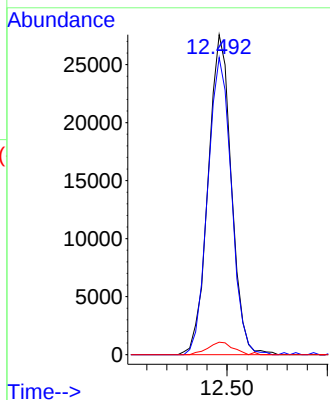
Instrument :
BNA_M
ClientSampled :
BG5R5



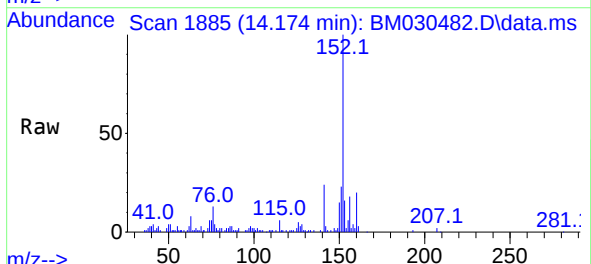
Tgt Ion:142 Resp: 44427
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.2
116 3.9 3.3 4.9

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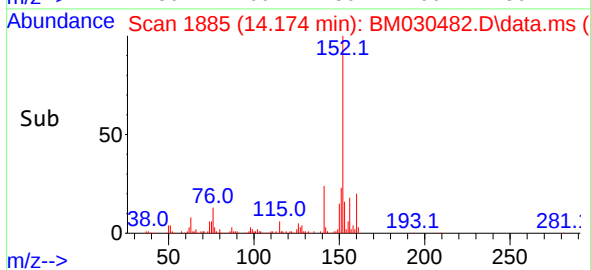
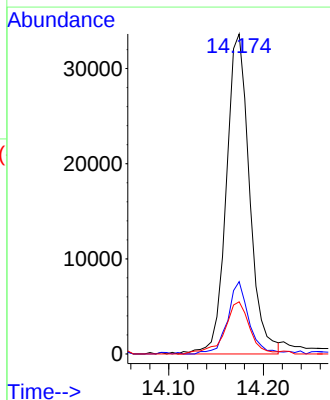
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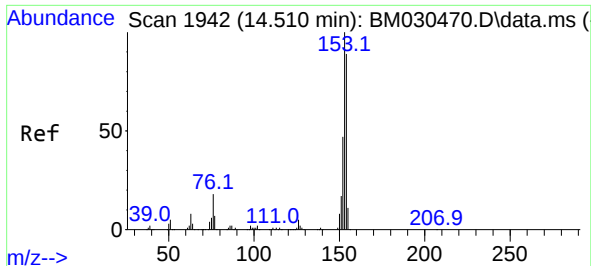


#50
Acenaphthylene
Concen: 1.473 ng/ul
RT: 14.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48



Tgt Ion:152 Resp: 57190
Ion Ratio Lower Upper
152 100
151 22.6 15.9 23.9
153 16.3 10.5 15.7#





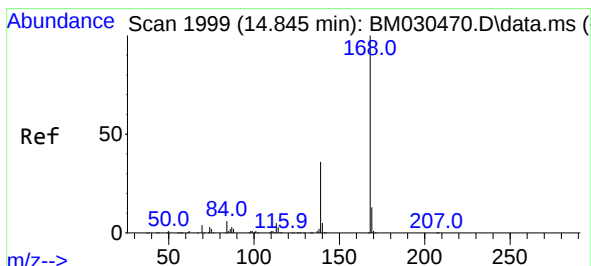
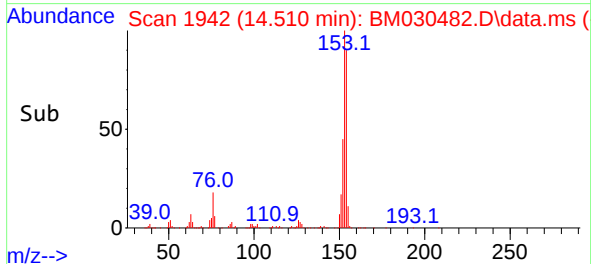
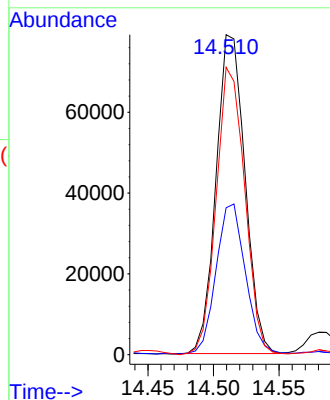
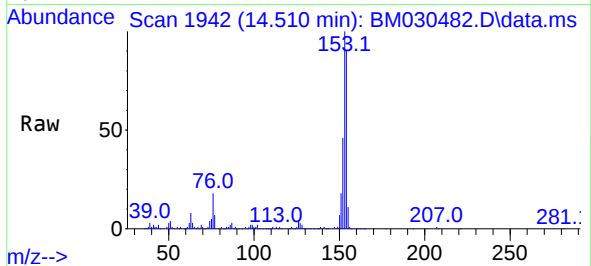
#52
Acenaphthene
Concen: 4.196 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:153 Resp: 121066
Ion Ratio Lower Upper
153 100
152 45.9 39.0 58.4
154 89.8 71.7 107.5

Instrument :
BNA_M
ClientSampled :
BG5R5

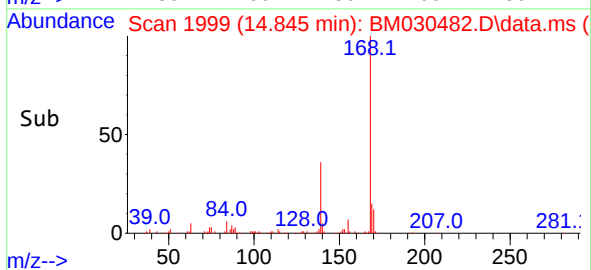
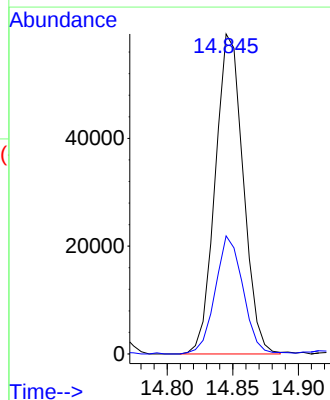
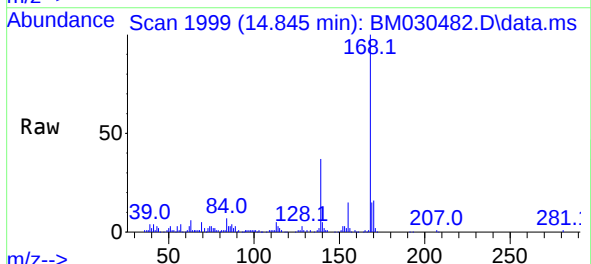
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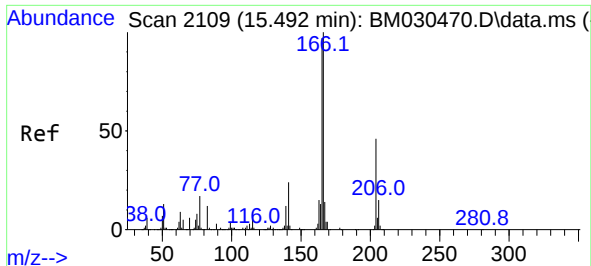
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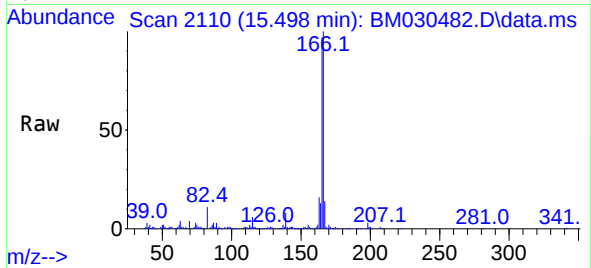
#56
Dibenzofuran
Concen: 2.194 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:168 Resp: 88075
Ion Ratio Lower Upper
168 100
139 36.9 29.4 44.0

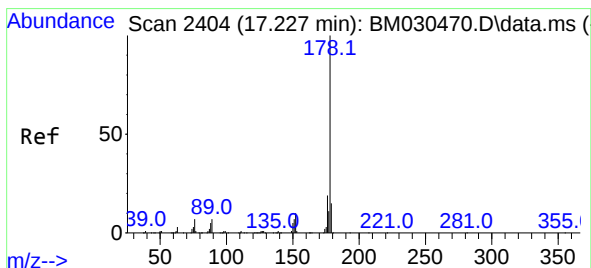
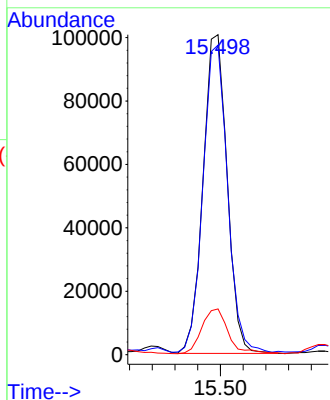
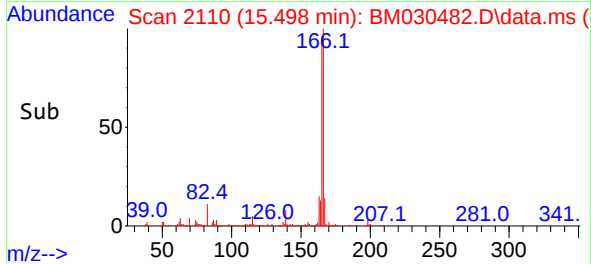




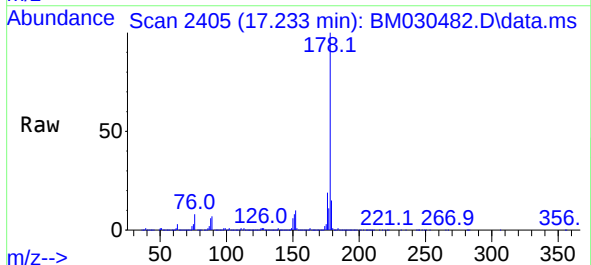
#61
Fluorene
Concen: 4.394 ng/ul
RT: 15.498 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48



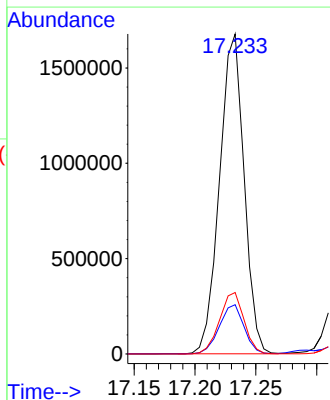
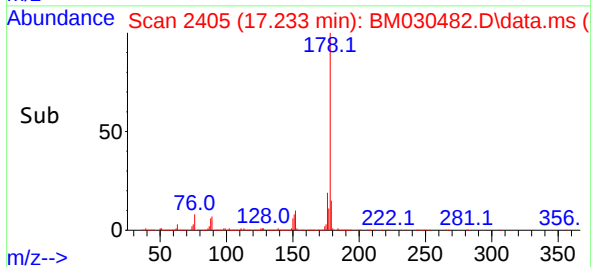
Tgt Ion:166 Resp: 148109
Ion Ratio Lower Upper
166 100
165 96.7 77.0 115.6
167 14.3 10.5 15.7



#72
Phenanthrene
Concen: 43.131 ng/ul
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48



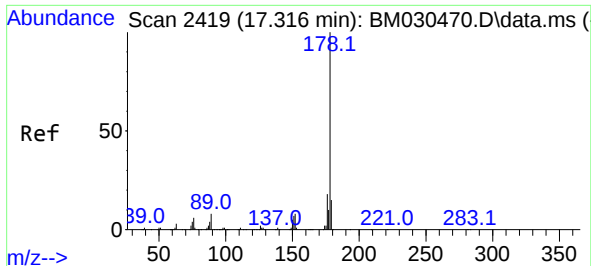
Tgt Ion:178 Resp: 2353127
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.2 15.0 22.6



Instrument :
BNA_M
ClientSampled :
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Manual Integrations
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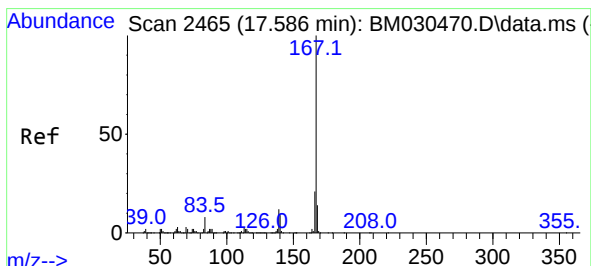
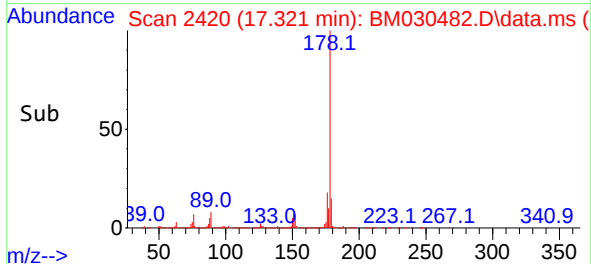
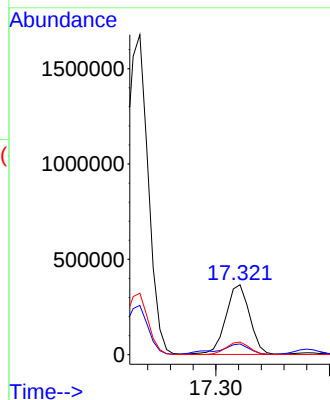
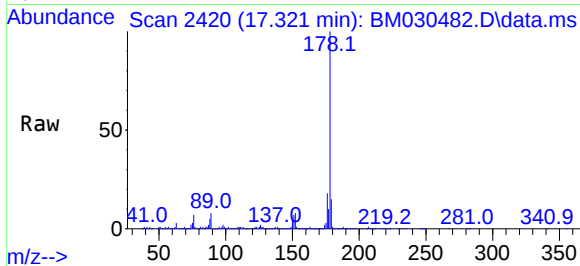
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 Anthracene
 Concen: 9.708 ng/u1
 RT: 17.321 min Scan# 2420
 Delta R.T. 0.006 min
 Lab File: BM030482.D
 Acq: 17 Jun 2021 00:48

Tgt Ion:178 Resp: 534559
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.5 18.7
 176 18.2 15.0 22.4

Instrument :
 BNA_M
 ClientSampled :
 BG5R5

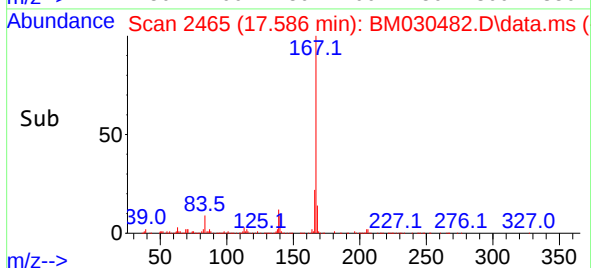
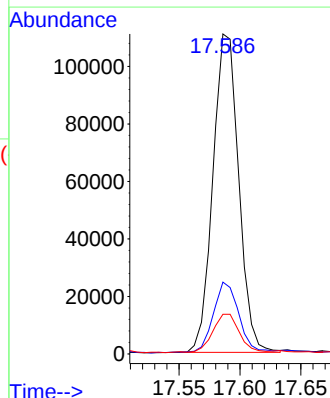
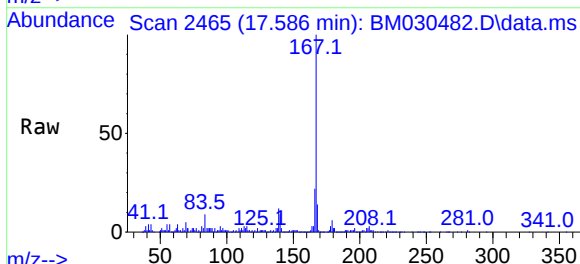
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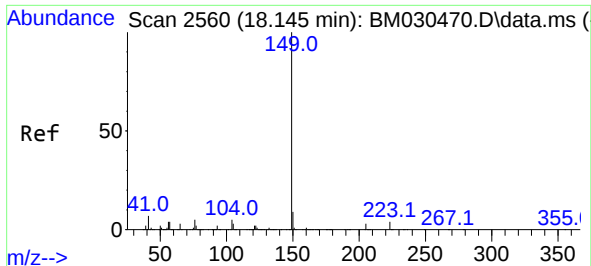
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#77
 Carbazole
 Concen: 3.335 ng/u1
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030482.D
 Acq: 17 Jun 2021 00:48

Tgt Ion:167 Resp: 163092
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.7 25.1
 139 12.4 9.8 14.8





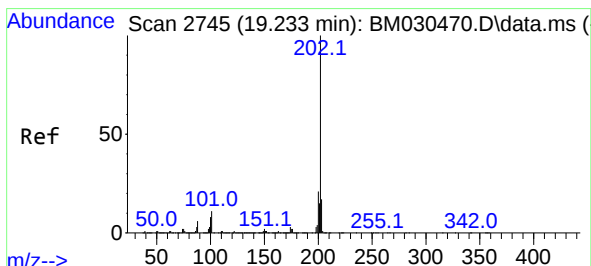
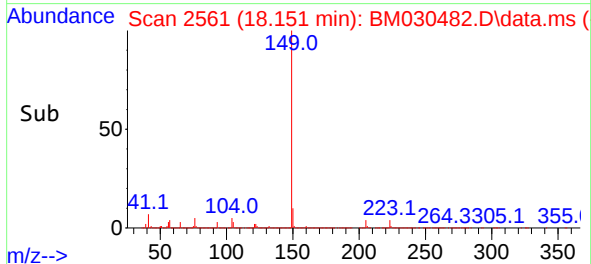
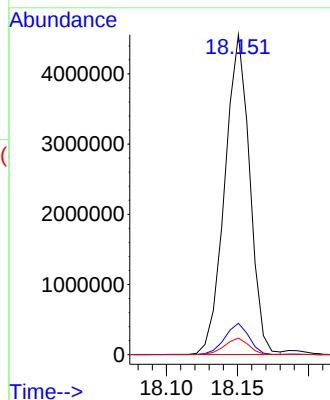
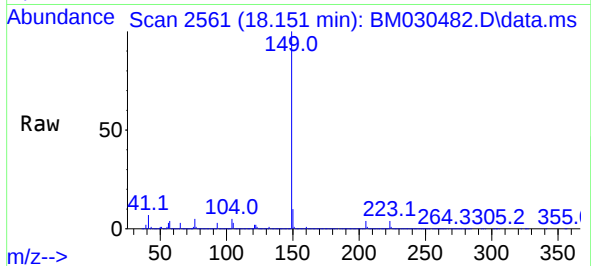
#78
Di-n-butylphthalate
Concen: 108.238 ng/ul
RT: 18.151 min Scan# 2561
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:149 Resp: 5543393
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.2
104 5.2 4.1 6.1

Instrument :
BNA_M
ClientSampled :
BG5R5

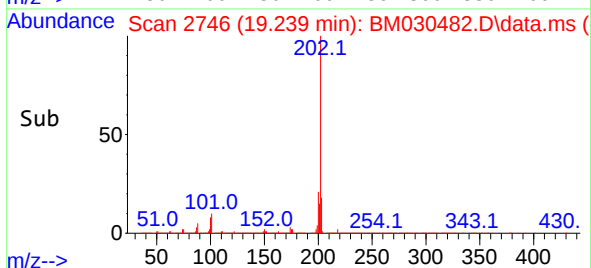
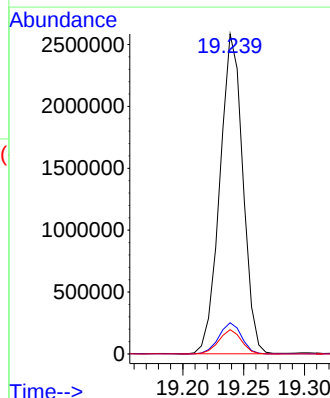
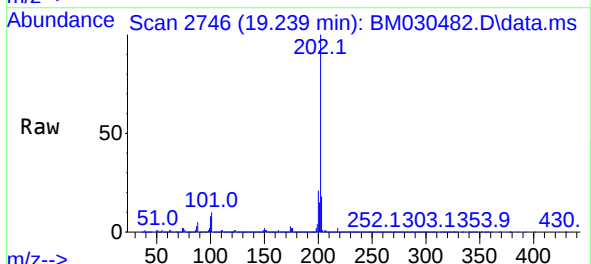
Manual Integrations
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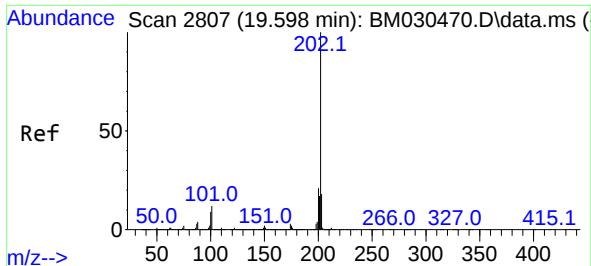
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#80
Fluoranthene
Concen: 47.256 ng/ul
RT: 19.239 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:202 Resp: 3397809
Ion Ratio Lower Upper
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100 7.6 6.6 10.0





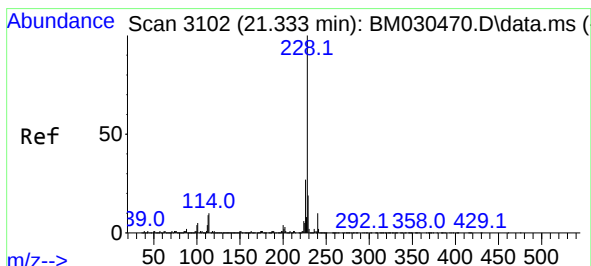
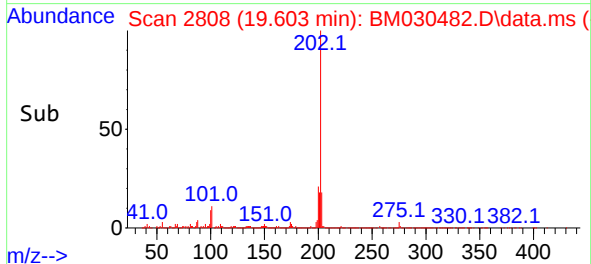
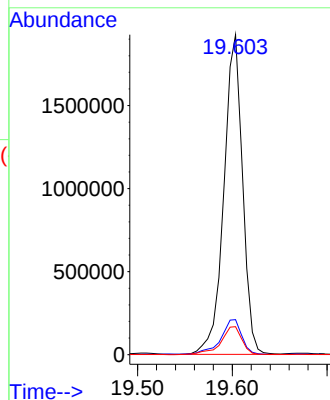
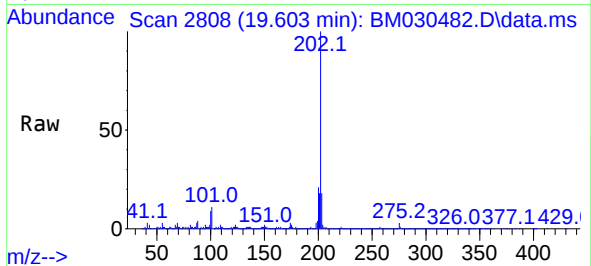
#82
Pyrene
Concen: 34.804 ng/ul
RT: 19.603 min Scan# 2808
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:202 Resp: 2646427
Ion Ratio Lower Upper
202 100
101 10.9 10.8 16.2
100 8.8 9.1 13.7#

Instrument :
BNA_M
ClientSampled :
BG5R5

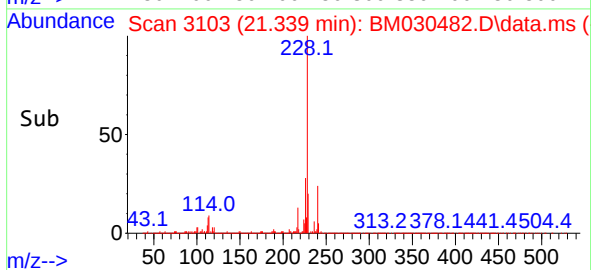
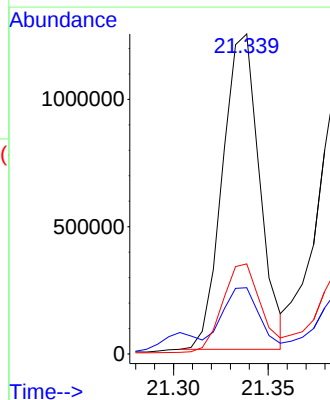
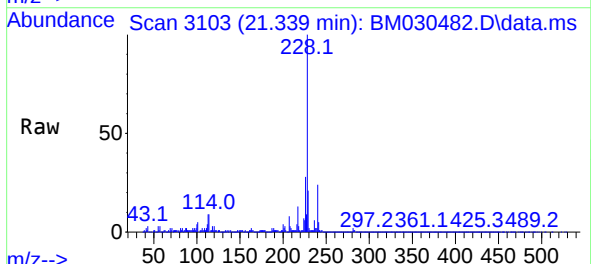
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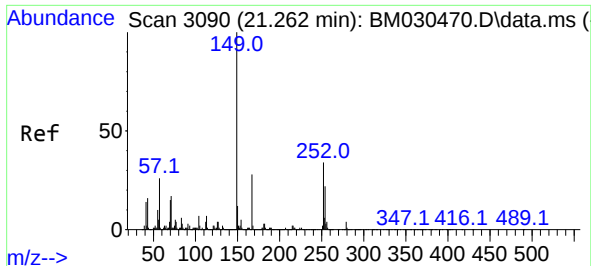
mohammad
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#85
Benzo(a)anthracene
Concen: 24.987 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

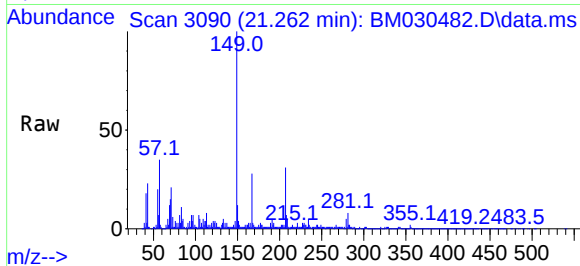
Tgt Ion:228 Resp: 1687907
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 28.2 22.2 33.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 8.377 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

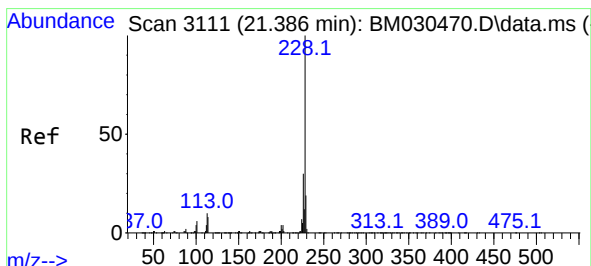
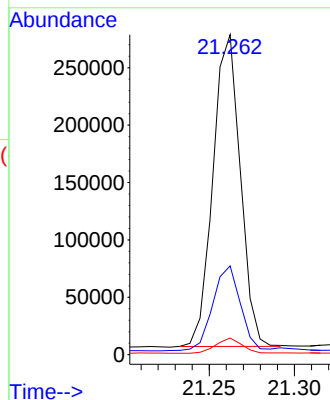
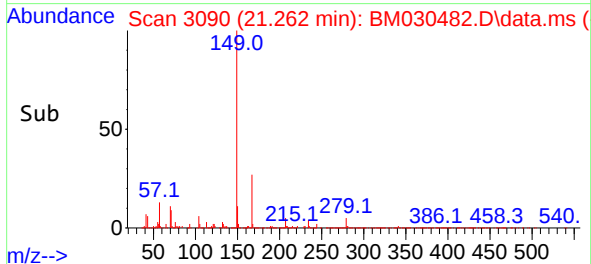
Instrument :
BNA_M
ClientSampled :
BG5R5



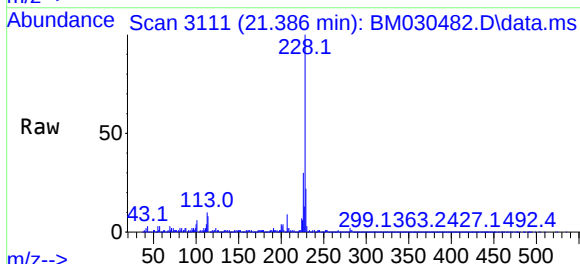
Tgt Ion:149 Resp: 303262
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 5.2 3.0 4.6#

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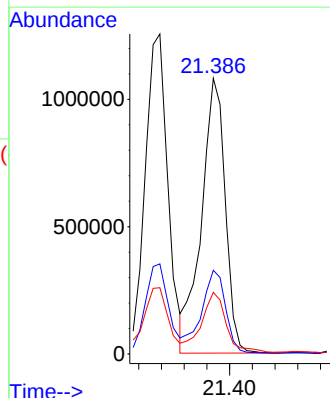
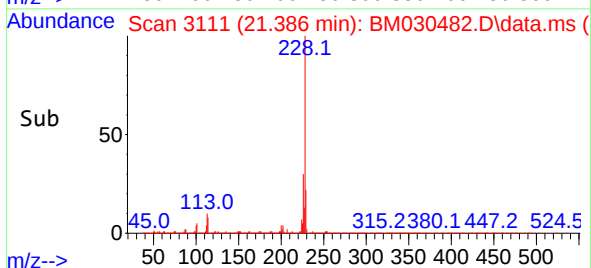
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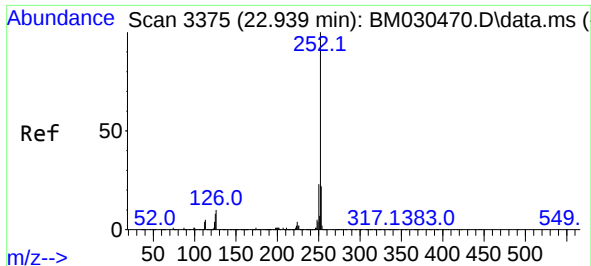


#87
Chrysene
Concen: 23.559 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48



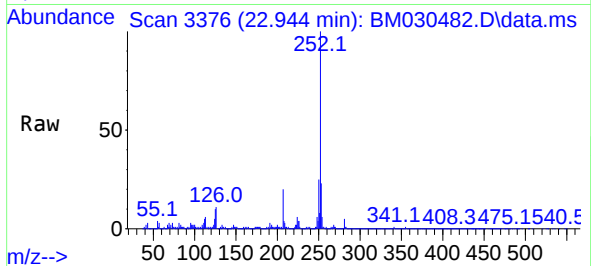
Tgt Ion:228 Resp: 1569175
Ion Ratio Lower Upper
228 100
226 30.3 24.2 36.2
229 22.3 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 24.852 ng/ul
RT: 22.944 min Scan# 3376
Delta R.T. 0.012 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

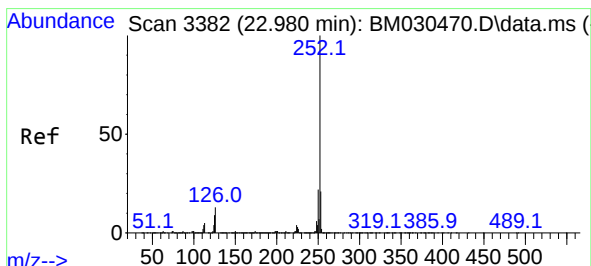
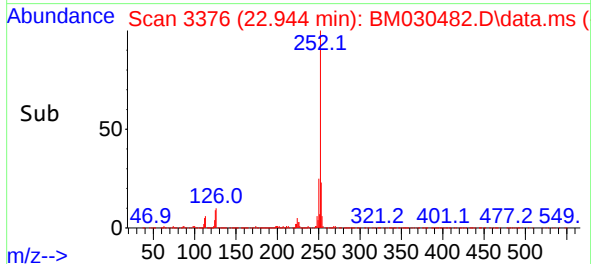
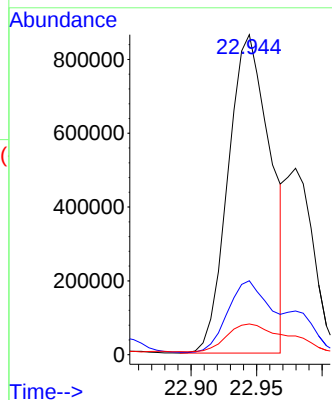
Instrument :
BNA_M
ClientSampled :
BG5R5



Tgt Ion:252 Resp: 1933323
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 9.6 8.6 13.0

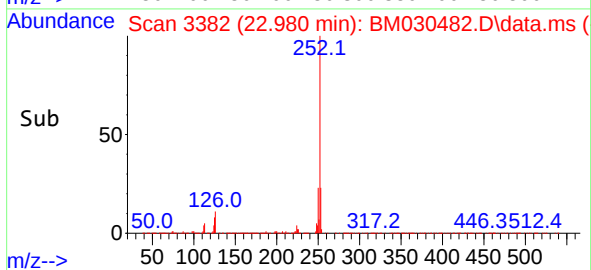
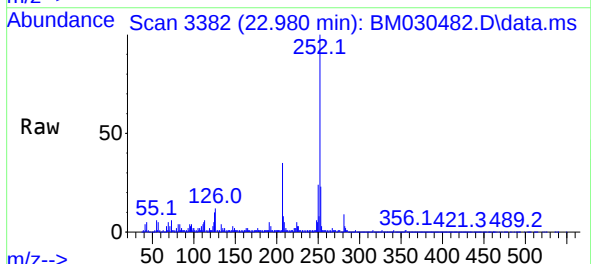
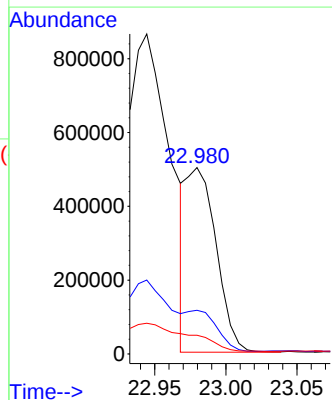
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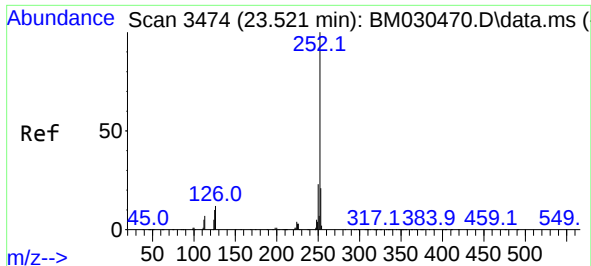
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#91
Benzo(k)fluoranthene
Concen: 9.819 ng/ul m
RT: 22.980 min Scan# 3382
Delta R.T. 0.006 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:252 Resp: 729644
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 10.1 8.4 12.6





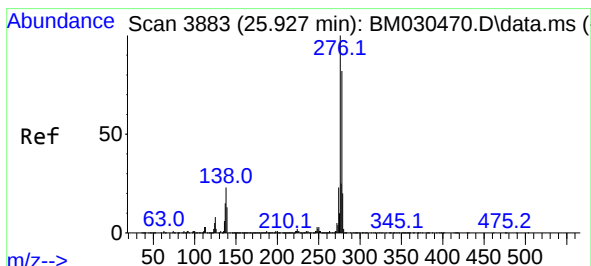
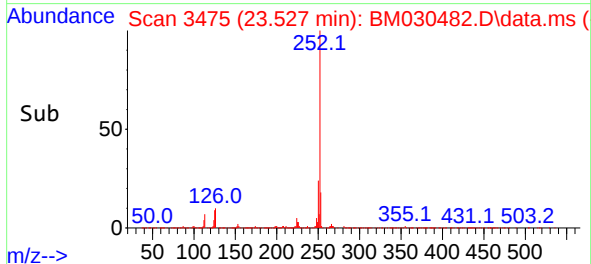
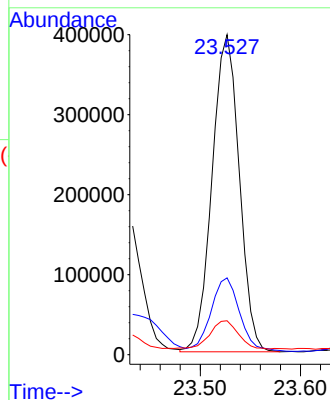
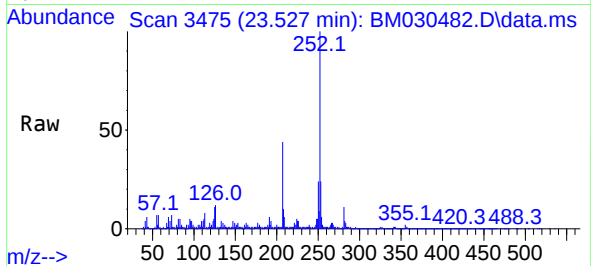
#93
Benzo(a)pyrene
Concen: 10.979 ng/u1
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

Tgt Ion:	252	Resp:	746518
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	10.6	9.5	14.3

Instrument :
BNA_M
ClientSampleId :
BG5R5

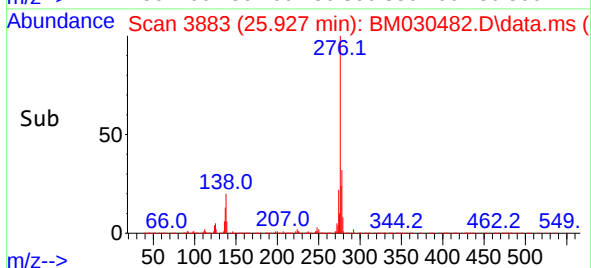
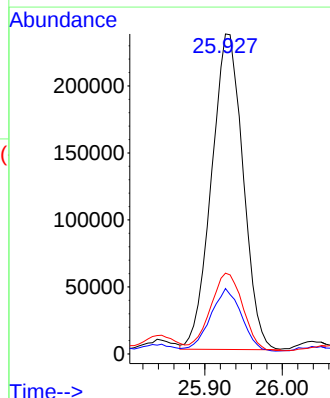
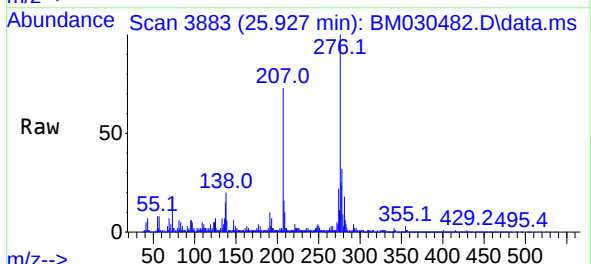
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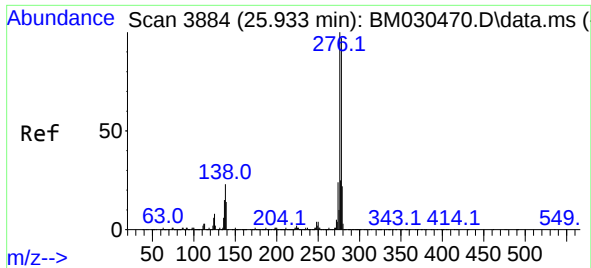
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#94
Indeno(1,2,3-cd)pyrene
Concen: 7.964 ng/u1
RT: 25.927 min Scan# 3883
Delta R.T. 0.012 min
Lab File: BM030482.D
Acq: 17 Jun 2021 00:48

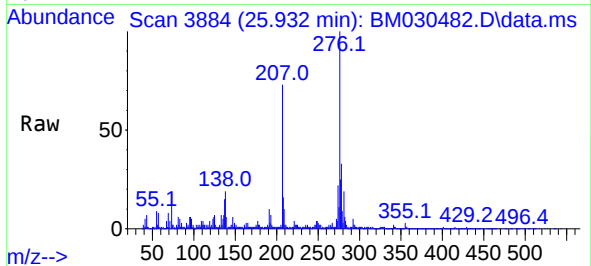
Tgt Ion:	276	Resp:	666487
Ion Ratio	Lower	Upper	
276	100		
138	20.4	21.8	32.6#
277	25.2	20.3	30.5





#95
 Dibenzo(a,h)anthracene
 Concen: 3.595 ng/ul
 RT: 25.932 min Scan# 3884
 Delta R.T. 0.006 min
 Lab File: BM030482.D
 Acq: 17 Jun 2021 00:48

Instrument :
 BNA_M
 ClientSampleId :
 BG5R5



Tgt Ion:278 Resp: 253288

Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.4	20.2
279	28.8	18.6	28.0#

Manual Integrations
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