

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030467.D
 Acq On : 16 Jun 2021 14:29
 Operator : CG/JU
 Sample : M2596-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5P9

Manual Integrations
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Quant Time: Jun 16 15:03:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 10:51:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	188104	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	723594	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	439984	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	908890	20.000	ng/u1	0.00
79) Chrysene-d12	21.350	240	996403	20.000	ng/u1	0.00
88) Perylene-d12	23.621	264	1090268	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	13879	2.817	ng/uL	0.00
4) Pyridine-d5	3.722	84	125664	9.708	ng/u1	0.00
7) Phenol-d5	6.992	99	246612	15.085	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	156864	14.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	203064	17.175	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	168368	12.895	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	87804	17.727	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	90497	18.396	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	170222	15.885	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	95800	5.848	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	541918	17.948	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	669334	17.744	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	18407	3.257	ng/u1	0.02
60) Fluorene-d10	15.439	176	495508	18.331	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	13419	2.558	ng/u1	0.00
73) Anthracene-d10	17.280	188	741100	17.927	ng/u1	0.00
81) Pyrene-d10	19.568	212	575038	11.026	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	376492	6.925	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.645	105	25438	1.232	ng/u1	95
30) Naphthalene	10.663	128	110868	3.023	ng/u1	98
36) 2-Methylnaphthalene	12.269	142	50808	1.947	ng/u1	100
37) 1-Methylnaphthalene	12.492	142	43761	1.652	ng/u1	97
50) Acenaphthylene	14.168	152	96642	2.682	ng/u1	99
52) Acenaphthene	14.510	153	102162	3.817	ng/u1	98
56) Dibenzofuran	14.845	168	98810	2.653	ng/u1	99
61) Fluorene	15.492	166	132197	4.228	ng/u1	98
72) Phenanthrene	17.227	178	1795342	36.532	ng/u1	100
74) Anthracene	17.315	178	340205	6.859	ng/u1	100
77) Carbazole	17.586	167	128941	2.927	ng/u1	97
78) Di-n-butylphthalate	18.145	149	69123	1.498	ng/u1	98
80) Fluoranthene	19.239	202	2362681	36.869	ng/u1	98
82) Pyrene	19.598	202	1167255	17.224	ng/u1	96
85) Benzo(a)anthracene	21.333	228	1016968	16.892	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.262	149	173543	5.378	ng/u1#	97
87) Chrysene	21.386	228	1033843	17.415	ng/u1	98
90) Benzo(b)fluoranthene	22.938	252	1381966	19.720	ng/u1	98
91) Benzo(k)fluoranthene	22.974	252	433144m	6.470	ng/u1	
93) Benzo(a)pyrene	23.521	252	268123	4.377	ng/u1	93
94) Indeno(1,2,3-cd)pyrene	25.921	276	305867	4.057	ng/u1#	94
95) Dibenzo(a,h)anthracene	25.921	278	155843	2.455	ng/u1#	93

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

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

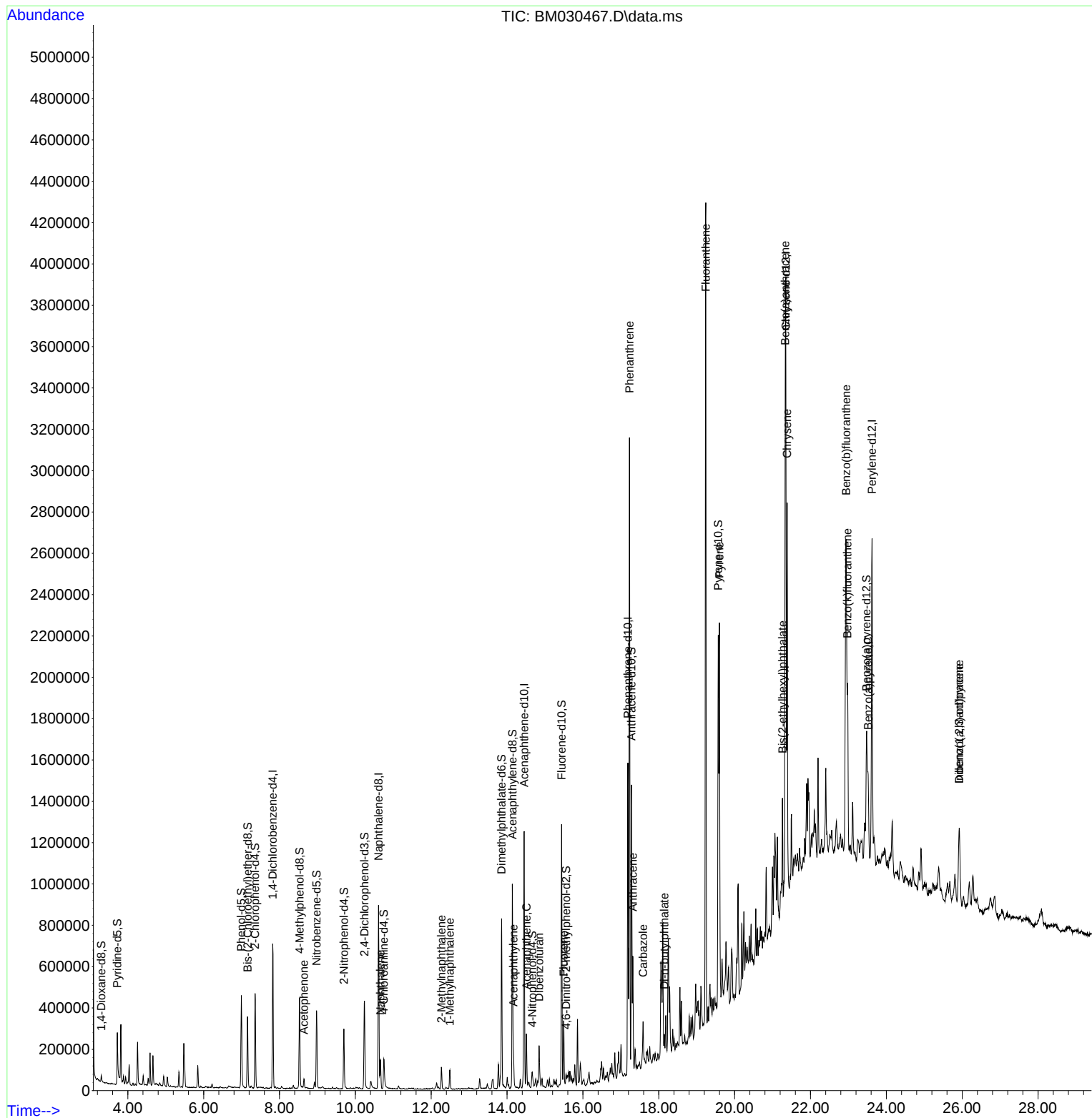
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030467.D
Acq On : 16 Jun 2021 14:29
Operator : CG/JU
Sample : M2596-04
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ALS Vial : 6 Sample Multiplier: 1

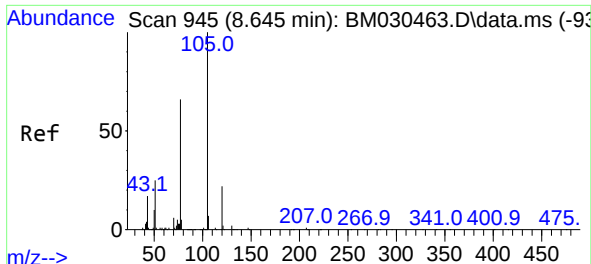
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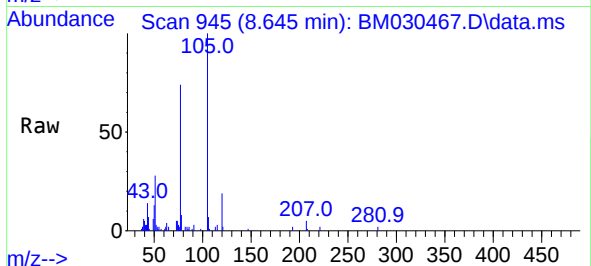
Quant Time: Jun 16 15:03:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 10:51:23 2021
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.232 ng/ul
RT: 8.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

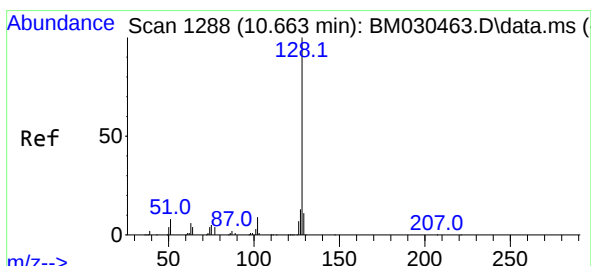
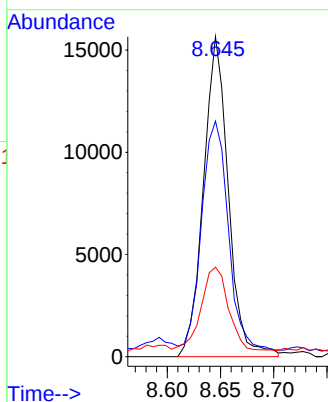
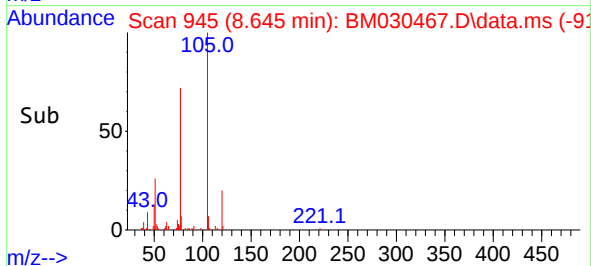
Instrument :
BNA_M
ClientSampleId :
BG5P9



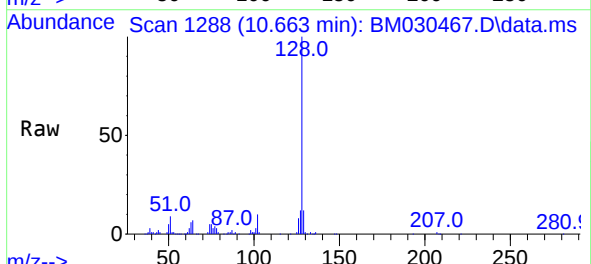
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Ion Ratio Lower Upper
105 100
77 73.6 62.6 93.8
51 27.9 24.3 36.5

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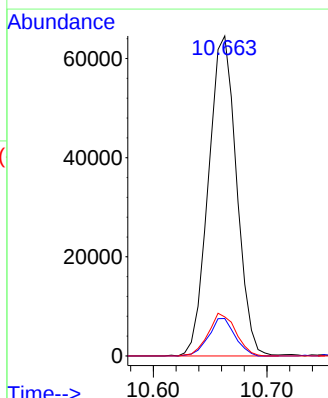
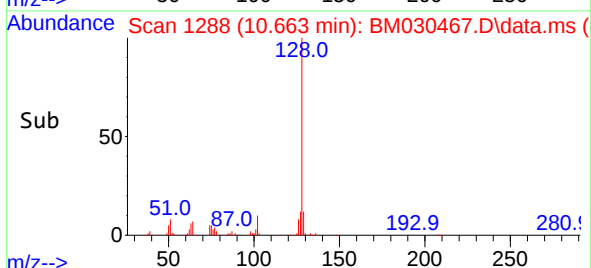
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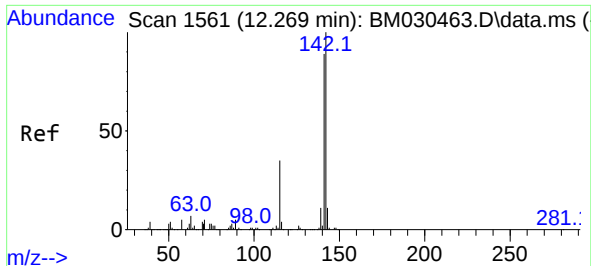


#30
Naphthalene
Concen: 3.023 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29



Tgt Ion:128 Resp: 110868
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 12.2 10.2 15.2





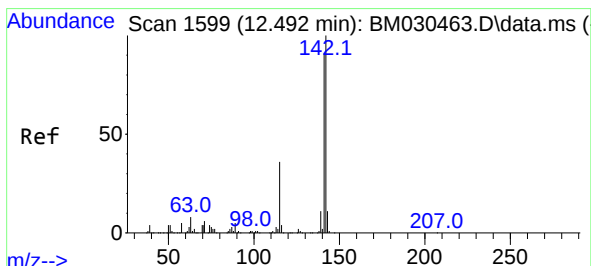
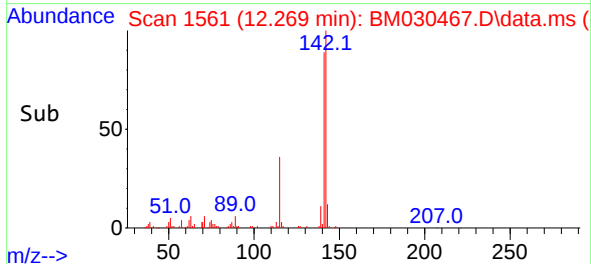
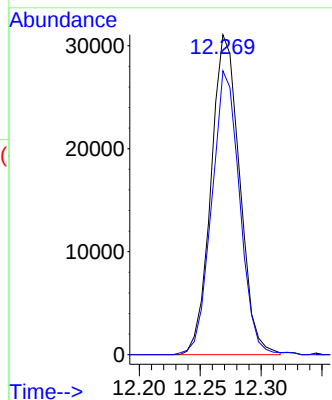
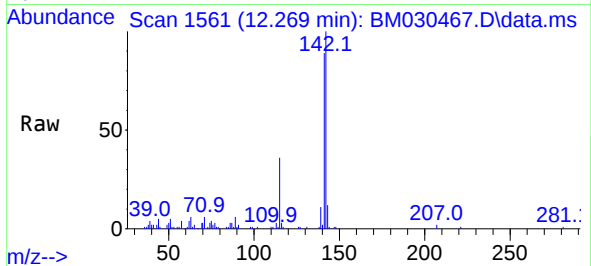
#36
2-Methylnaphthalene
Concen: 1.947 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

Instrument :
BNA_M
ClientSampled :
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Tgt Ion:142 Resp: 50808
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

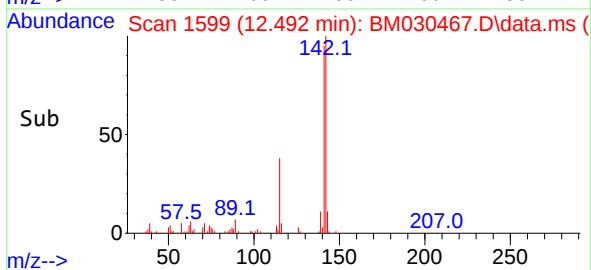
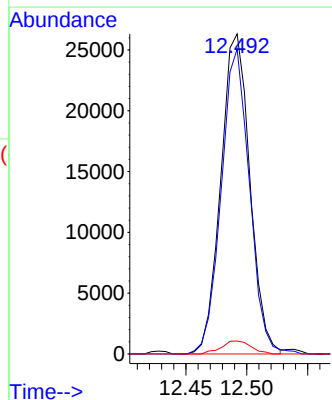
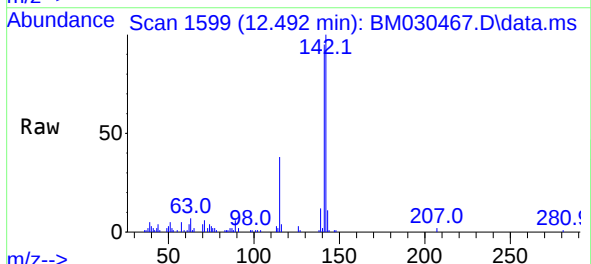
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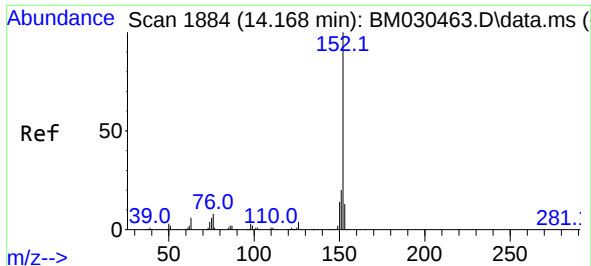
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#37
1-Methylnaphthalene
Concen: 1.652 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

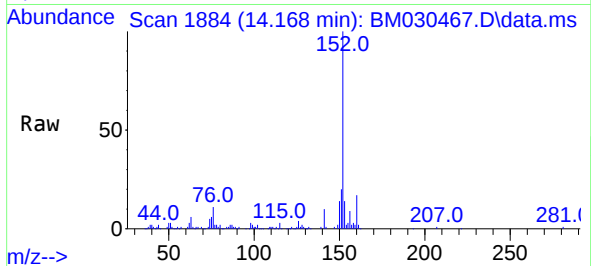
Tgt Ion:142 Resp: 43761
Ion Ratio Lower Upper
142 100
141 95.3 74.2 111.2
116 4.0 3.3 4.9





#50
Acenaphthylene
Concen: 2.682 ng/ul
RT: 14.168 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

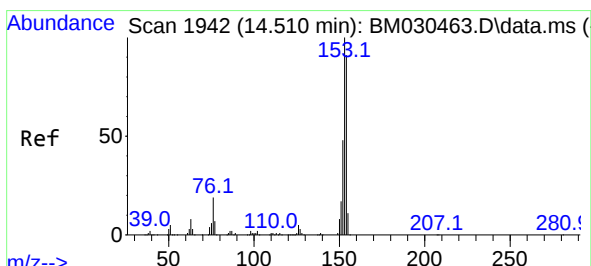
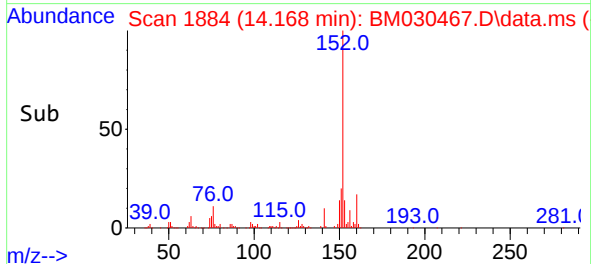
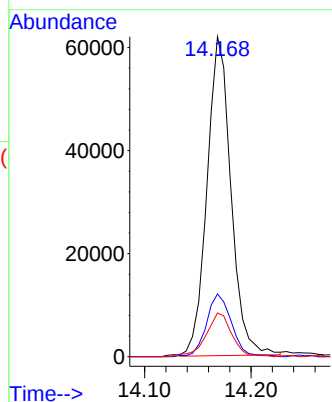
Instrument :
BNA_M
ClientSampled :
BG5P9



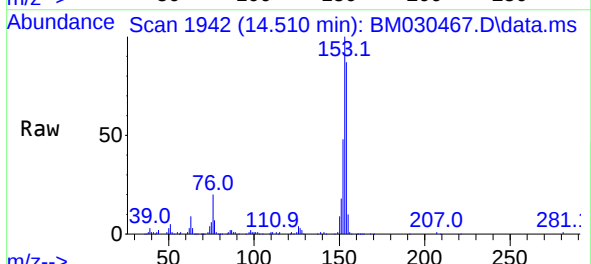
Tgt Ion:152 Resp: 96642
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.6 10.5 15.7

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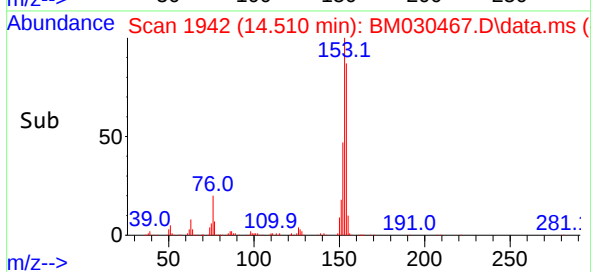
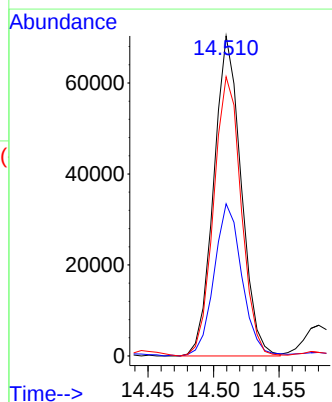
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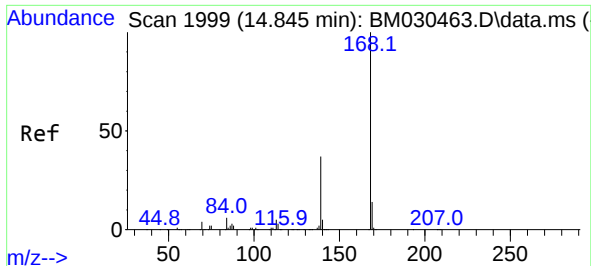


#52
Acenaphthene
Concen: 3.817 ng/ul
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29



Tgt Ion:153 Resp: 102162
Ion Ratio Lower Upper
153 100
152 47.6 39.0 58.4
154 87.3 71.7 107.5





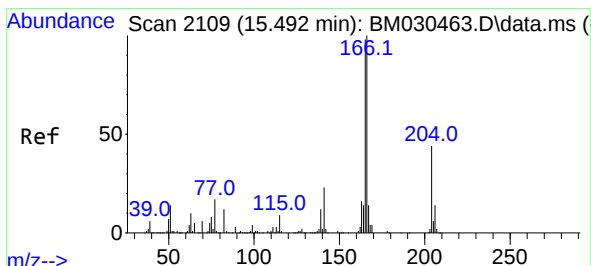
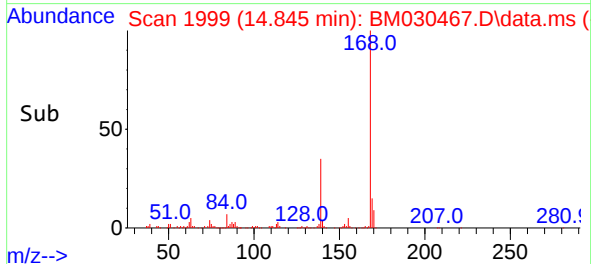
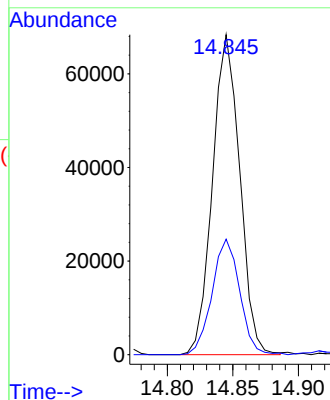
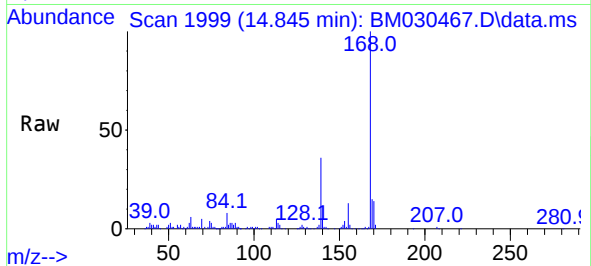
#56
Dibenzofuran
Concen: 2.653 ng/u1
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

Tgt Ion:168 Resp: 98810
Ion Ratio Lower Upper
168 100
139 36.1 29.4 44.0

Instrument :
BNA_M
ClientSampled :
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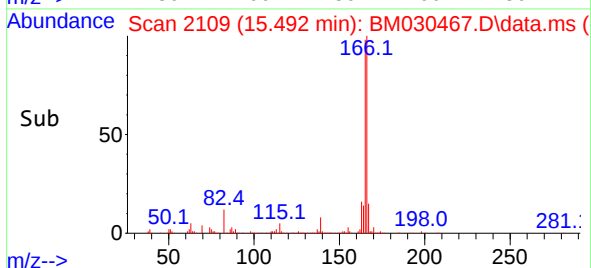
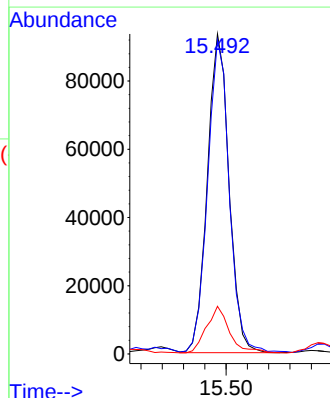
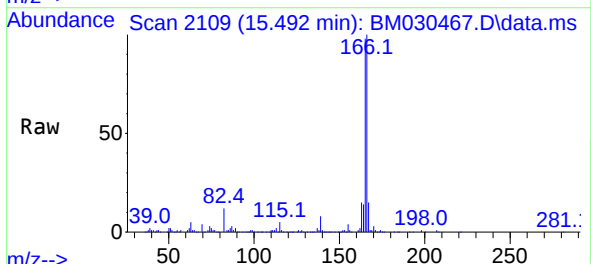
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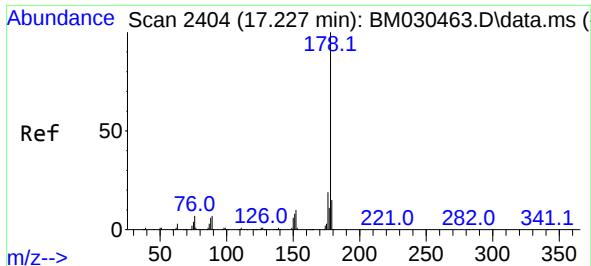
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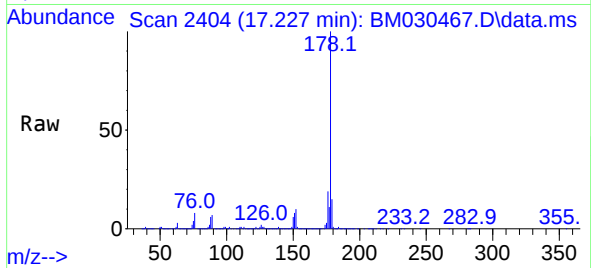
#61
Fluorene
Concen: 4.228 ng/u1
RT: 15.492 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

Tgt Ion:166 Resp: 132197
Ion Ratio Lower Upper
166 100
165 98.1 77.0 115.6
167 14.9 10.5 15.7

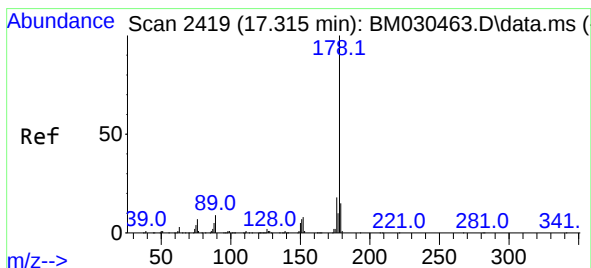
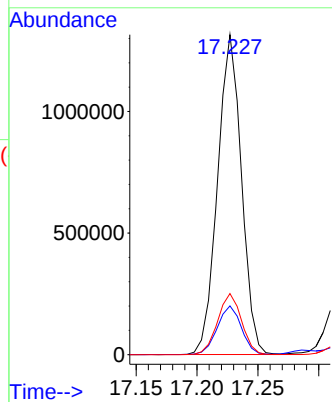
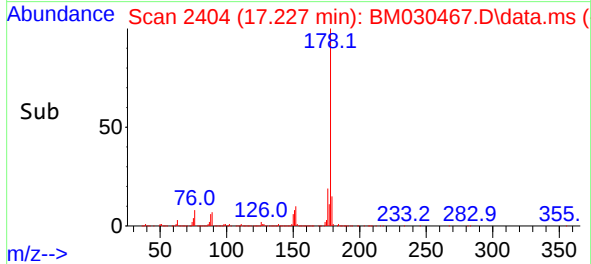




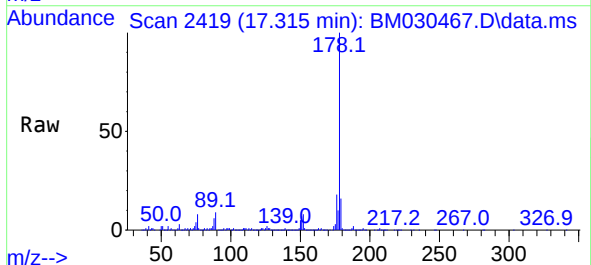
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Phenanthrene
Concen: 36.532 ng/u1
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29



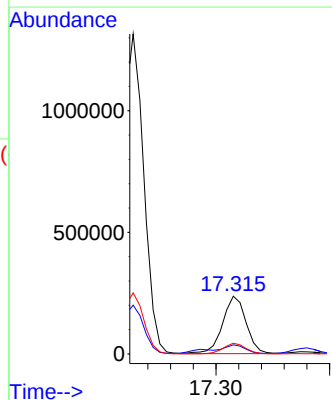
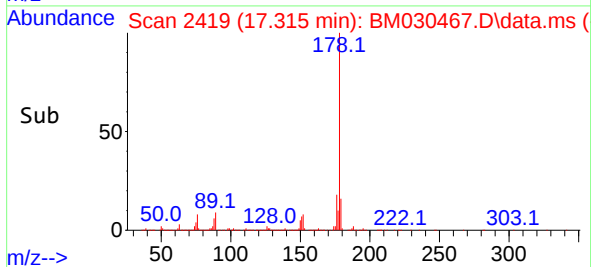
Tgt Ion:178 Resp: 1795342
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 19.1 15.0 22.6



#74
Anthracene
Concen: 6.859 ng/u1
RT: 17.315 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29



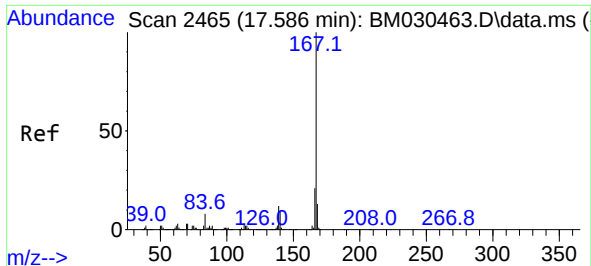
Tgt Ion:178 Resp: 340205
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 18.5 15.0 22.4



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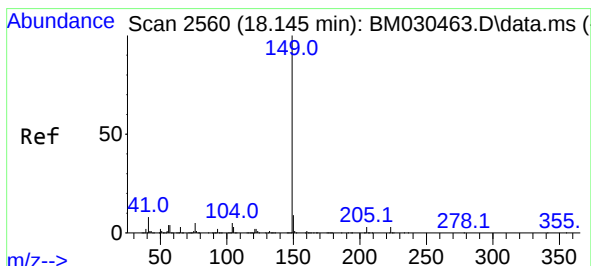
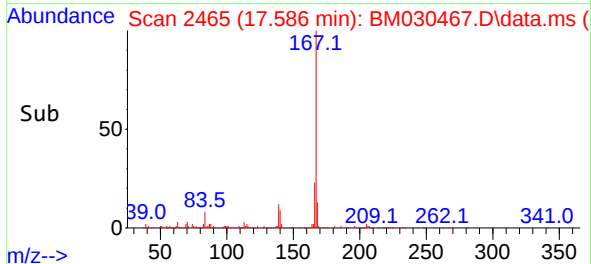
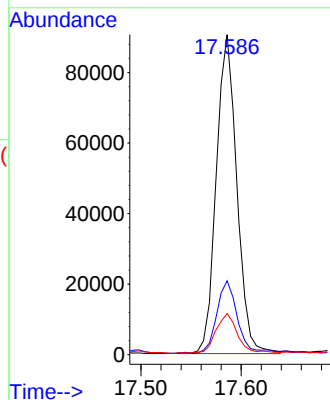
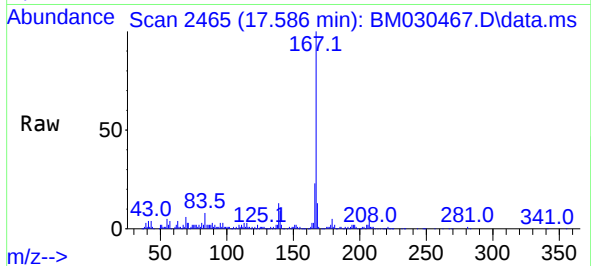
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 Carbazole
 Concen: 2.927 ng/ul
 RT: 17.586 min Scan# 2465
 Delta R.T. 0.000 min
 Lab File: BM030467.D
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Tgt Ion:167 Resp: 128941
 Ion Ratio Lower Upper
 167 100
 166 23.1 16.7 25.1
 139 12.9 9.8 14.8

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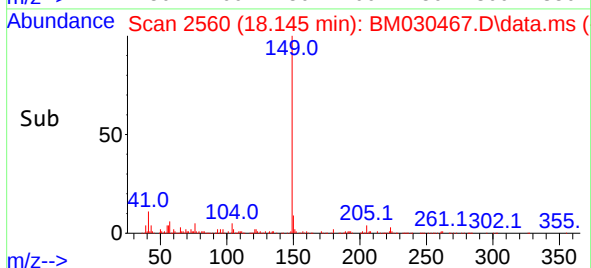
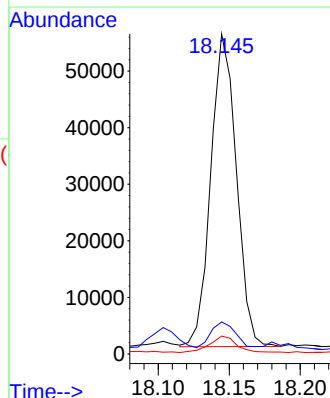
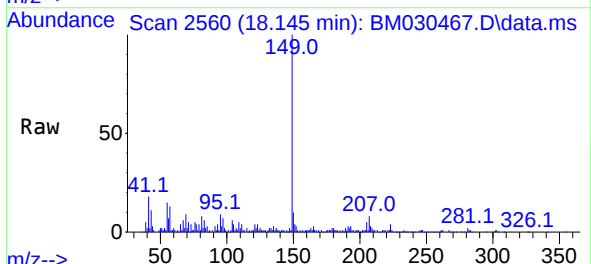
Manual Integrations
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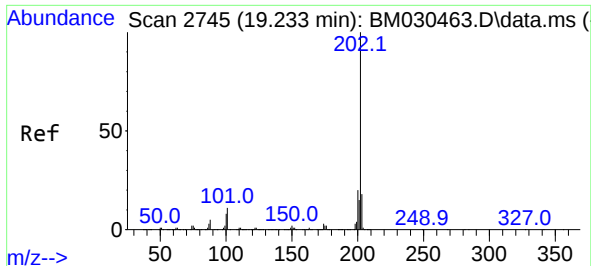
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#78
 Di-n-butylphthalate
 Concen: 1.498 ng/ul
 RT: 18.145 min Scan# 2560
 Delta R.T. 0.000 min
 Lab File: BM030467.D
 Acq: 16 Jun 2021 14:29

Tgt Ion:149 Resp: 69123
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.4 11.2
 104 5.6 4.1 6.1





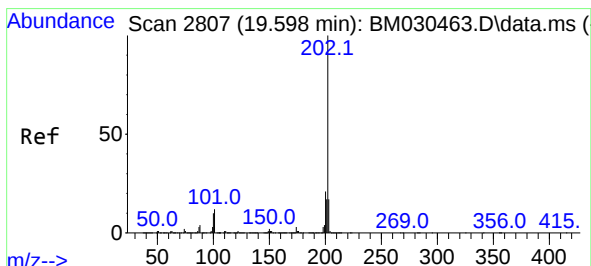
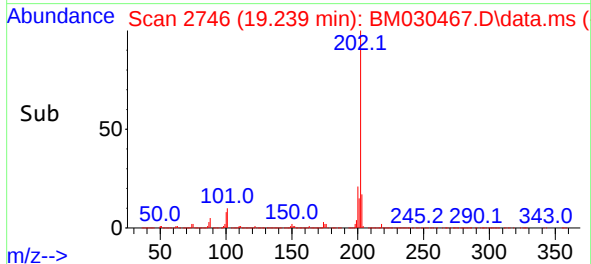
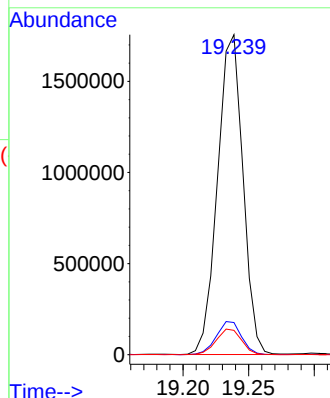
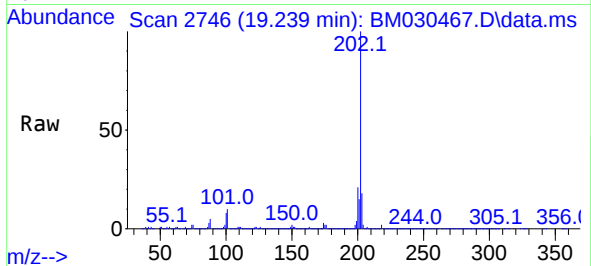
#80
Fluoranthene
Concen: 36.869 ng/u1
RT: 19.239 min Scan# 2746
Delta R.T. 0.006 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

Tgt Ion:202 Resp: 2362681
Ion Ratio Lower Upper
202 100
101 10.1 8.7 13.1
100 7.6 6.6 10.0

Instrument :
BNA_M
ClientSampled :
BG5P9

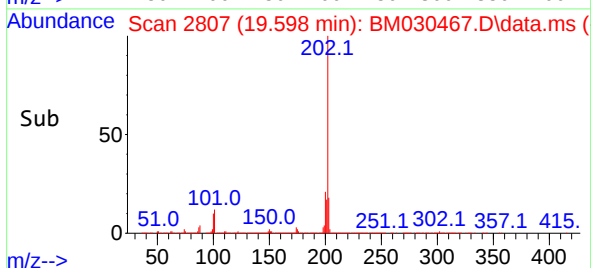
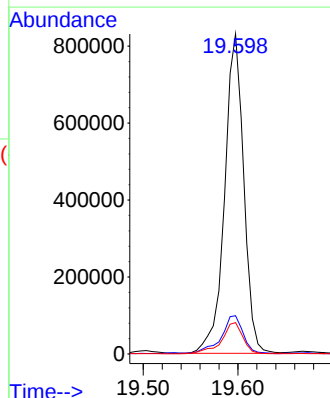
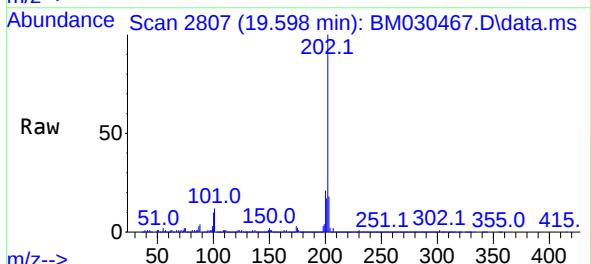
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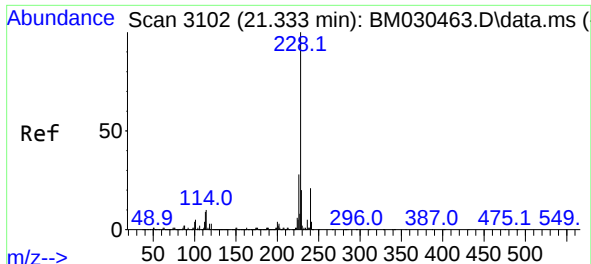
mohammad
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#82
Pyrene
Concen: 17.224 ng/u1
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

Tgt Ion:202 Resp: 1167255
Ion Ratio Lower Upper
202 100
101 12.0 10.8 16.2
100 9.8 9.1 13.7





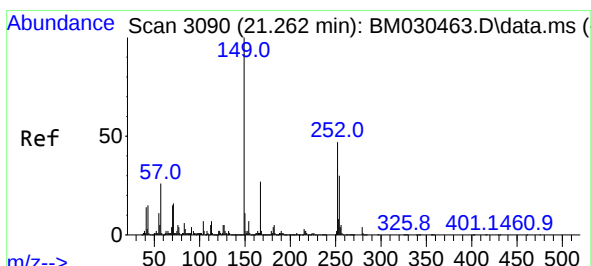
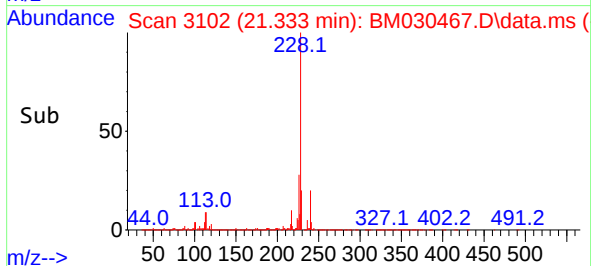
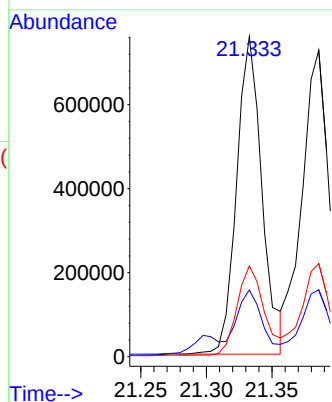
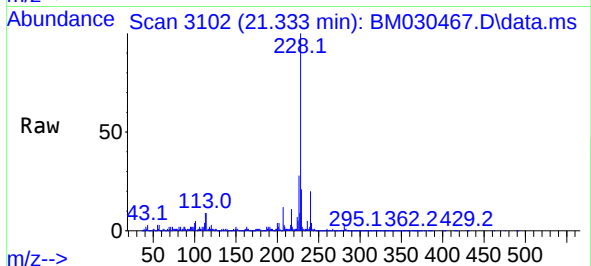
#85
Benzo(a)anthracene
Concen: 16.892 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

Instrument :
BNA_M
ClientSampleId :
BG5P9

Tgt Ion:228 Resp: 1016968
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 28.3 22.2 33.2

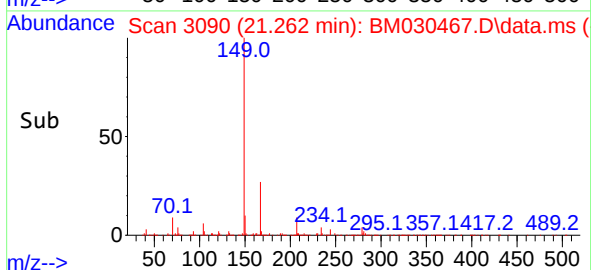
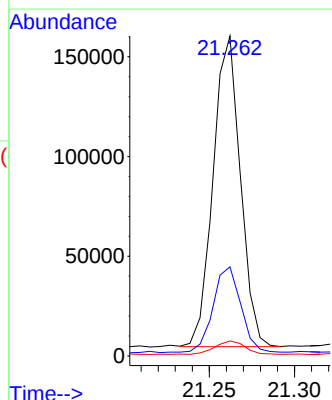
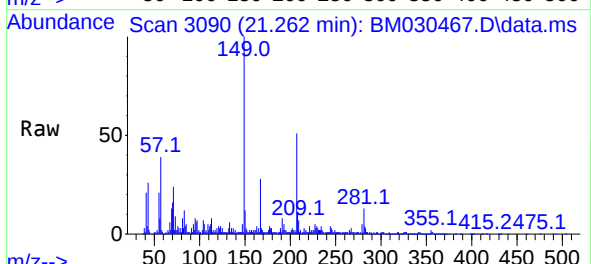
Manual Integrations
APPROVED

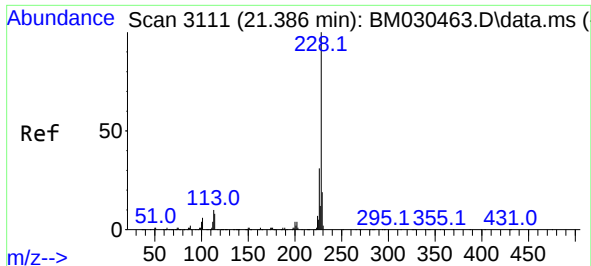
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#86
Bis(2-ethylhexyl)phthalate
Concen: 5.378 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

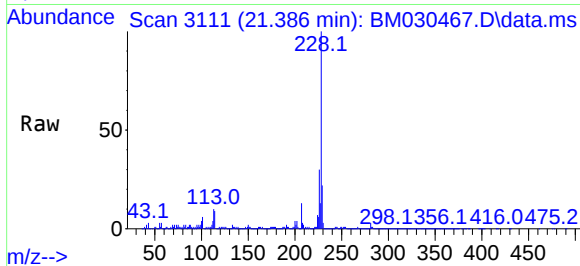
Tgt Ion:149 Resp: 173543
Ion Ratio Lower Upper
149 100
167 27.9 20.9 31.3
279 4.7 3.0 4.6#





#87
Chrysene
Concen: 17.415 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

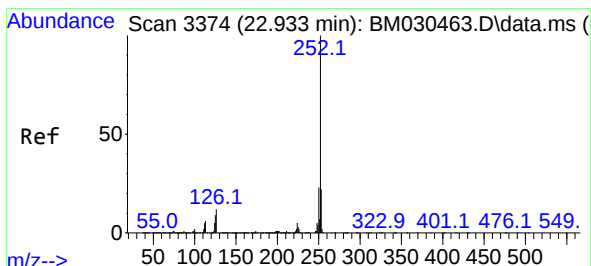
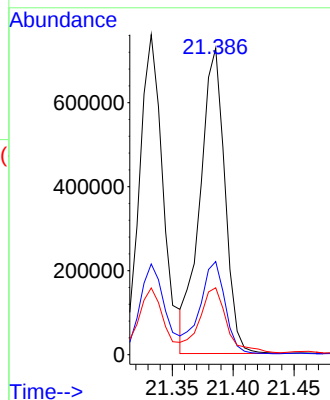
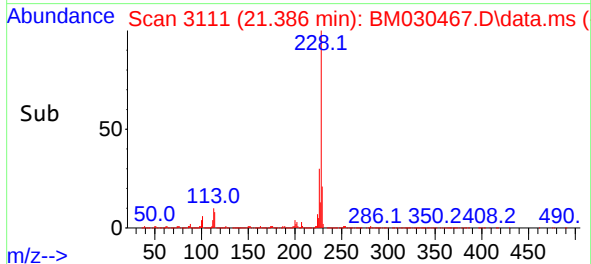
Instrument :
BNA_M
ClientSampled :
BG5P9



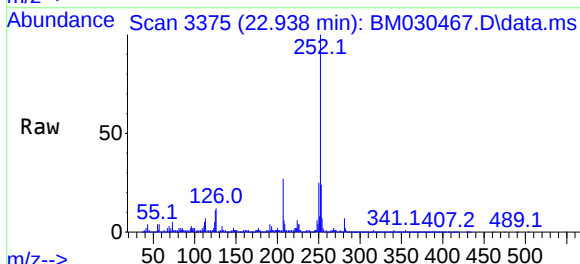
Tgt Ion:228 Resp: 1033843
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 21.8 15.8 23.6

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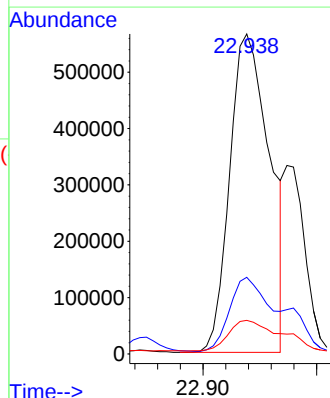
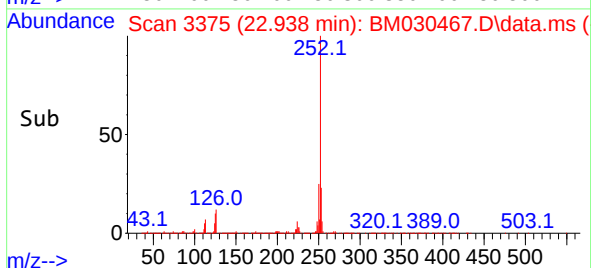
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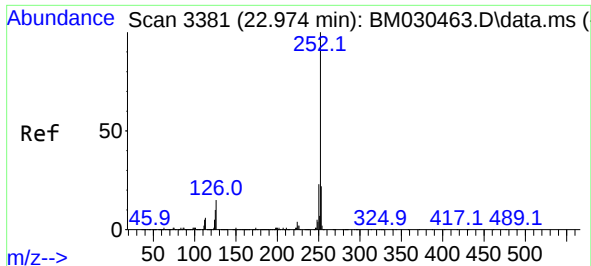


#90
Benzo(b)fluoranthene
Concen: 19.720 ng/ul
RT: 22.938 min Scan# 3375
Delta R.T. 0.006 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29



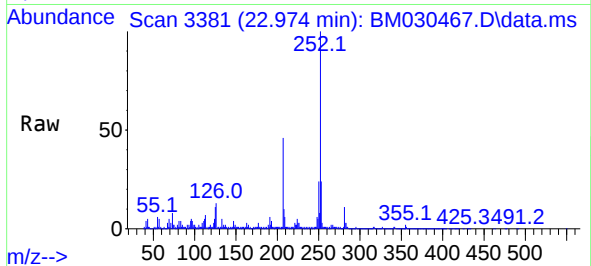
Tgt Ion:252 Resp: 1381966
Ion Ratio Lower Upper
252 100
253 23.9 18.0 27.0
125 10.5 8.6 13.0





#91
Benzo(k)fluoranthene
Concen: 6.470 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

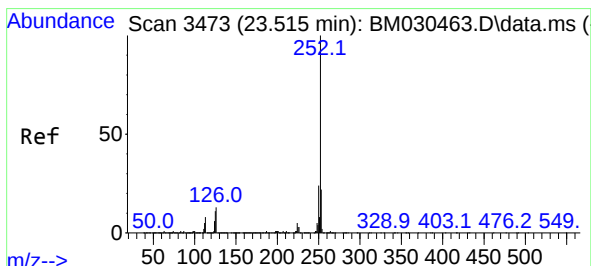
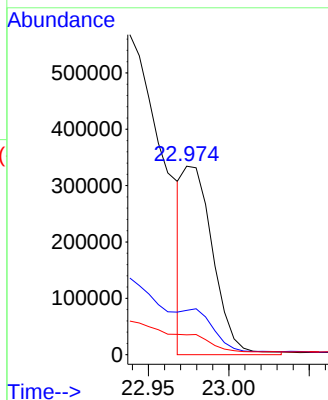
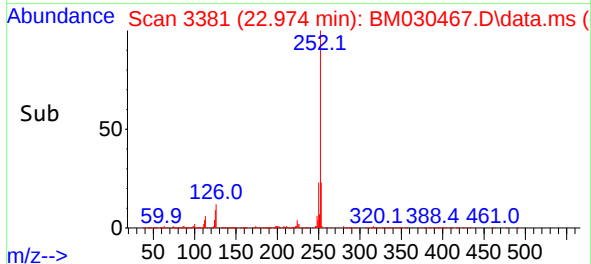
Instrument :
BNA_M
ClientSampled :
BG5P9



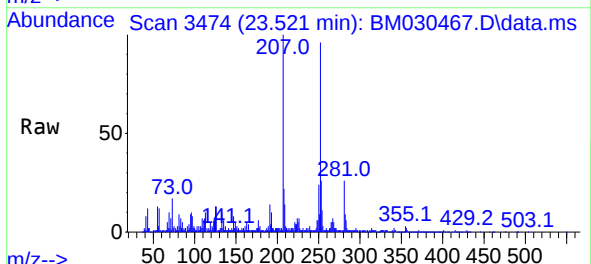
Tgt Ion:252 Resp: 433144
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 10.6 8.4 12.6

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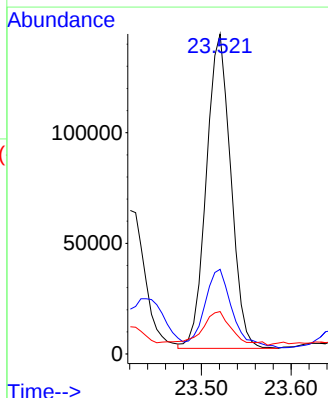
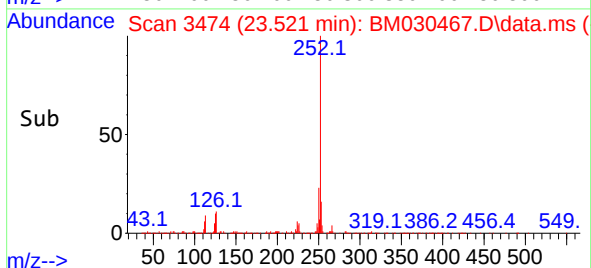
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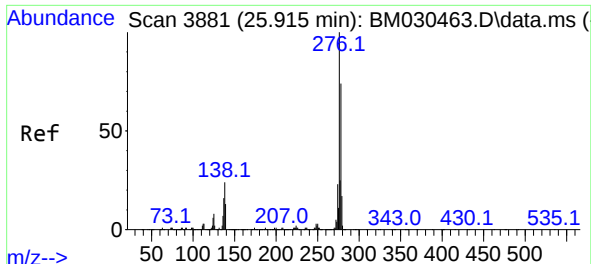


#93
Benzo(a)pyrene
Concen: 4.377 ng/ul
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29



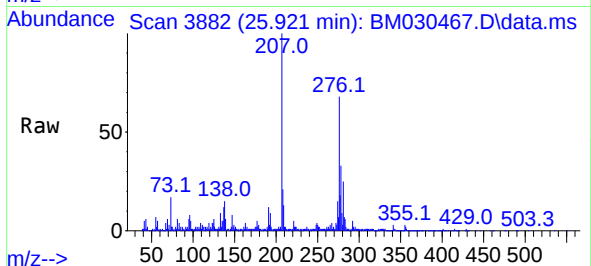
Tgt Ion:252 Resp: 268123
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.8
125 13.2 9.5 14.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.057 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. 0.006 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29

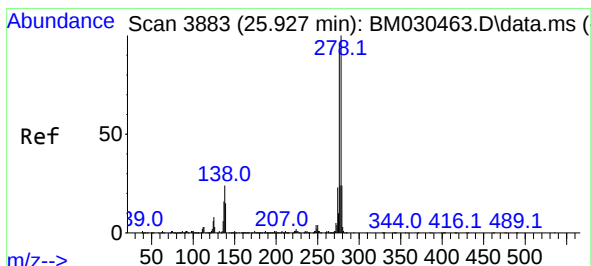
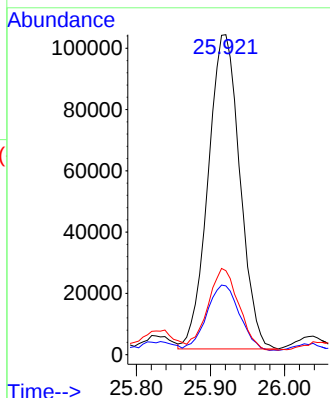
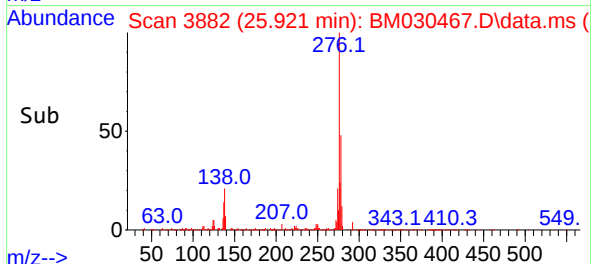
Instrument :
BNA_M
ClientSampled :
BG5P9



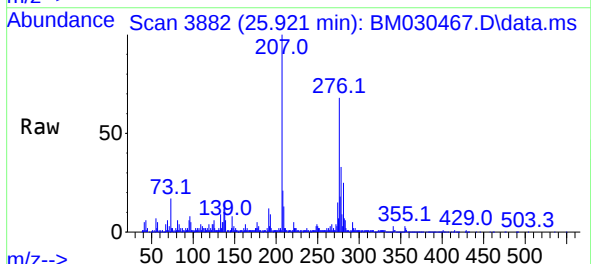
Tgt Ion:276 Resp: 305867
Ion Ratio Lower Upper
276 100
138 21.5 21.8 32.6#
277 26.2 20.3 30.5

Manual Integrations
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#95
Dibenzo(a,h)anthracene
Concen: 2.455 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. -0.006 min
Lab File: BM030467.D
Acq: 16 Jun 2021 14:29



Tgt Ion:278 Resp: 155843
Ion Ratio Lower Upper
278 100
139 17.6 13.4 20.2
279 28.5 18.6 28.0#

