

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030536.D
 Acq On : 23 Jun 2021 04:24
 Operator : CG/JU
 Sample : M2662-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3

Manual Integrations
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Quant Time: Jun 23 05:05:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 23 01:33:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	167318	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	654994	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	383792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.174	188	720400	20.000	ng/ul	0.00
79) Chrysene-d12	21.344	240	763159	20.000	ng/ul	0.00
88) Perylene-d12	23.615	264	849936	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12428	3.011	ng/uL	0.00
4) Pyridine-d5	3.710	84	83484	7.529	ng/ul	0.01
7) Phenol-d5	6.975	99	271949	18.846	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	170365	18.783	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	224000	20.110	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	226528	20.172	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	104205	21.320	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	116408	21.431	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	220924	21.232	ng/ul	0.00
31) 4-Chloroaniline-d4	10.733	131	184866	12.740	ng/ul	0.00
46) Dimethylphthalate-d6	13.845	166	642648	24.251	ng/ul	0.00
49) Acenaphthylene-d8	14.127	160	808672	23.509	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	50130	9.985	ng/ul	0.00
60) Fluorene-d10	15.427	176	572683	24.365	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	46191	9.800	ng/ul	0.00
73) Anthracene-d10	17.274	188	856351	25.471	ng/ul	0.00
81) Pyrene-d10	19.562	212	973316	24.340	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	1117530	25.290	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.957	77	9865	1.406	ng/ul	96
8) Phenol	7.004	94	22032	1.510	ng/ul	94
16) Acetophenone	8.628	105	33682	1.942	ng/ul	100
30) Naphthalene	10.645	128	70468	2.125	ng/ul	99
50) Acenaphthylene	14.157	152	101484	3.181	ng/ul	97
52) Acenaphthene	14.498	153	188395	8.136	ng/ul	100
56) Dibenzofuran	14.833	168	47742	1.479	ng/ul	96
61) Fluorene	15.486	166	165888	6.235	ng/ul	98
72) Phenanthrene	17.221	178	2734612	70.686	ng/ul	99
74) Anthracene	17.309	178	1465620	37.052	ng/ul	100
77) Carbazole	17.574	167	37992	1.071	ng/ul#	91
80) Fluoranthene	19.233	202	5619484	115.064	ng/ul	98
82) Pyrene	19.592	202	4494177	87.578	ng/ul	99
85) Benzo(a)anthracene	21.333	228	3268607m	69.015	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.256	149	126760	5.217	ng/ul#	99
87) Chrysene	21.380	228	2611475	56.562	ng/ul	96
90) Benzo(b)fluoranthene	22.938	252	3204539	59.386	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	1184931m	22.849	ng/ul	
93) Benzo(a)pyrene	23.521	252	2660038	54.824	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.915	276	1497225	24.512	ng/ul#	95
95) Dibenzo(a,h)anthracene	25.921	278	409026	8.078	ng/ul#	78
96) Benzo(g,h,i)perylene	26.626	276	1140008	22.370	ng/ul	97

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Response via : Initial Calibration

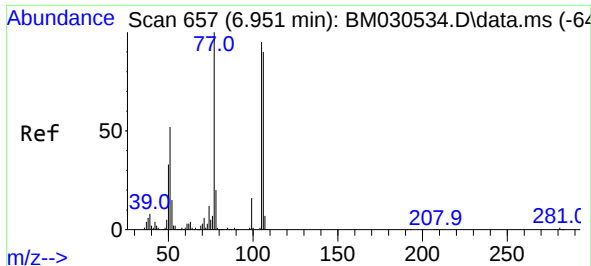
Instrument :
BNA_M
ClientSampleId :
BGDH3

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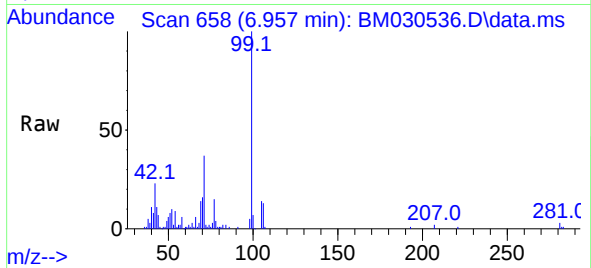
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#6
Benzaldehyde
Concen: 1.406 ng/ul
RT: 6.957 min Scan# 658
Delta R.T. -0.000 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

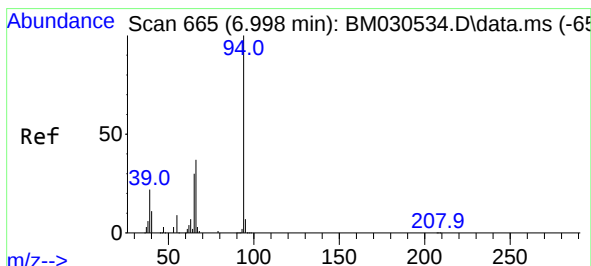
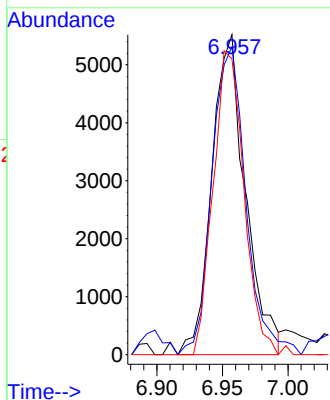
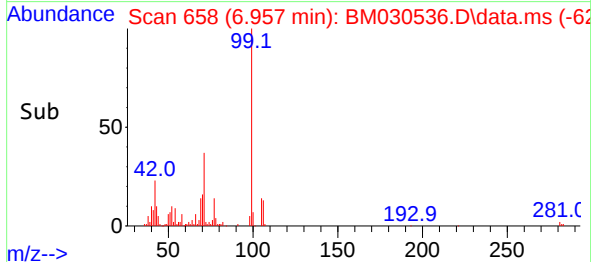
Instrument :
BNA_M
ClientSampled :
BGDH3



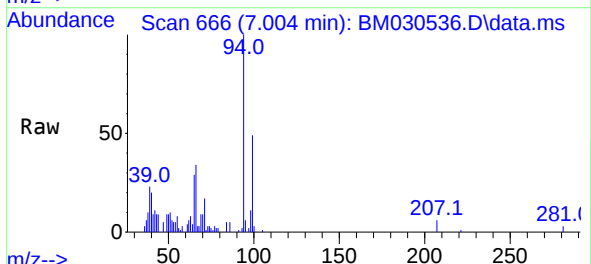
Tgt Ion: 77 Resp: 9865
Ion Ratio Lower Upper
77 100
105 96.2 82.2 123.4
106 92.4 75.0 112.4

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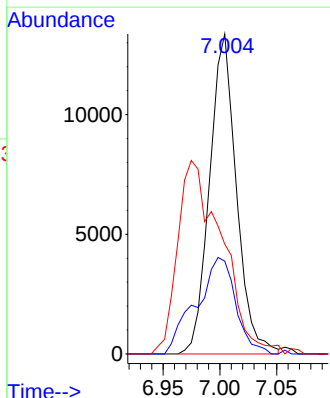
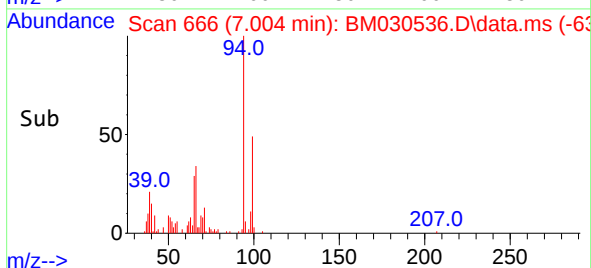
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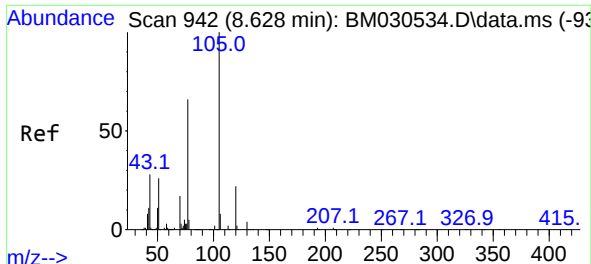


#8
Phenol
Concen: 1.510 ng/ul
RT: 7.004 min Scan# 666
Delta R.T. -0.000 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24



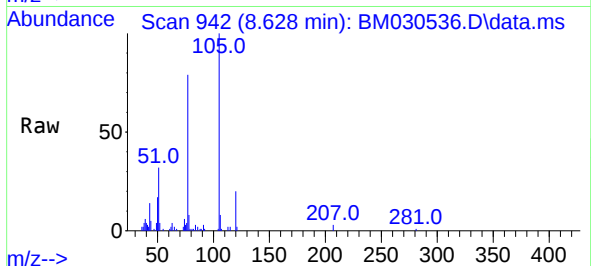
Tgt Ion: 94 Resp: 22032
Ion Ratio Lower Upper
94 100
65 29.0 24.2 36.4
66 34.3 31.4 47.0





#16
Acetophenone
Concen: 1.942 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

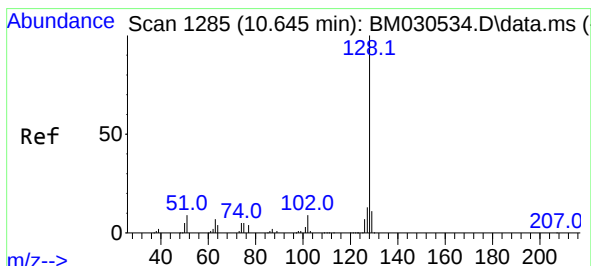
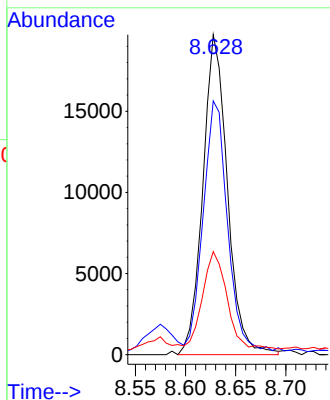
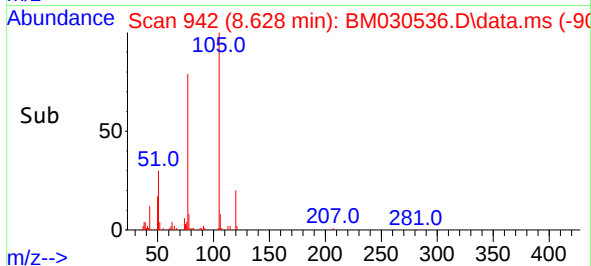
Instrument :
BNA_M
ClientSampled :
BGDH3



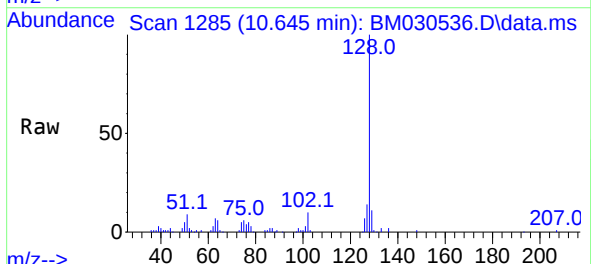
Tgt Ion:105 Resp: 33682
Ion Ratio Lower Upper
105 100
77 79.3 63.7 95.5
51 32.2 25.4 38.0

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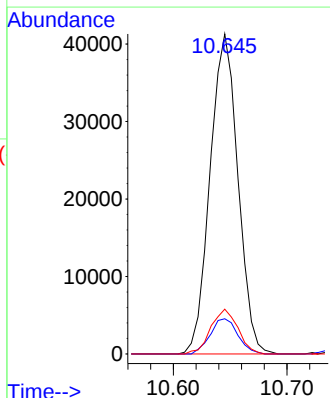
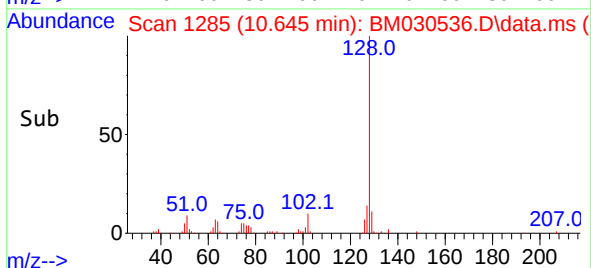
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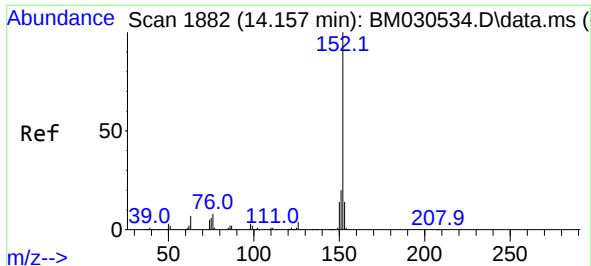


#30
Naphthalene
Concen: 2.125 ng/ul
RT: 10.645 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

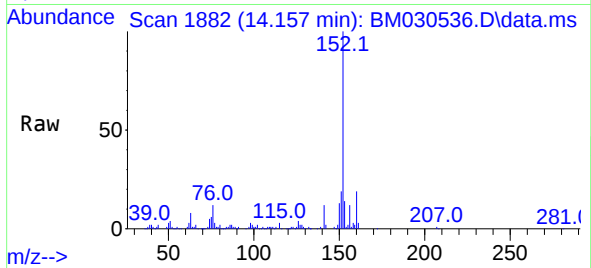


Tgt Ion:128 Resp: 70468
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 14.0 10.6 15.8

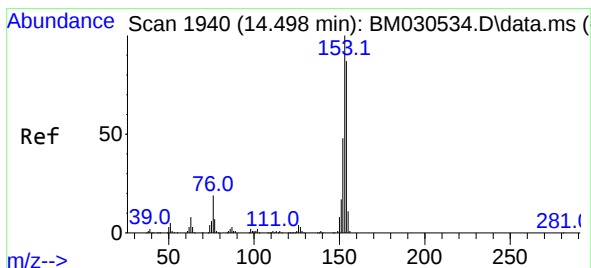
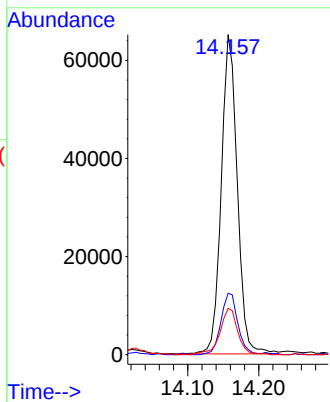
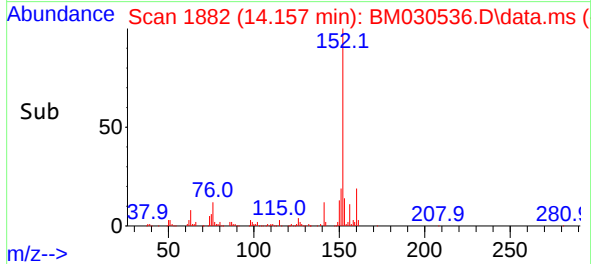




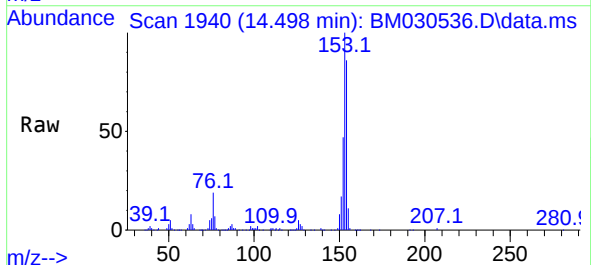
#50
Acenaphthylene
Concen: 3.181 ng/ul
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24



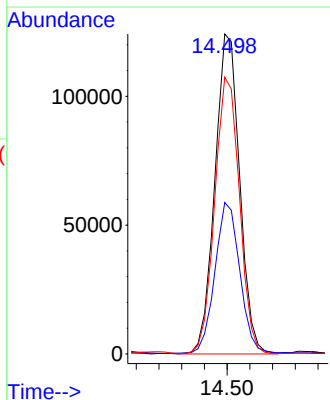
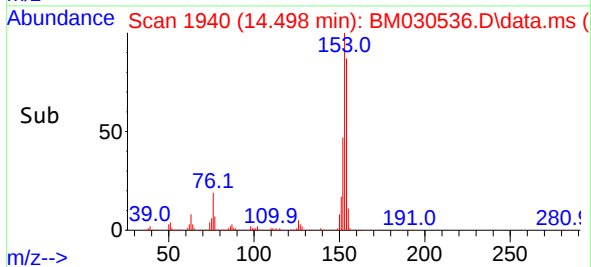
Tgt Ion:152 Resp: 101484
Ion Ratio Lower Upper
152 100
151 19.2 16.2 24.2
153 14.5 10.2 15.4



#52
Acenaphthene
Concen: 8.136 ng/ul
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24



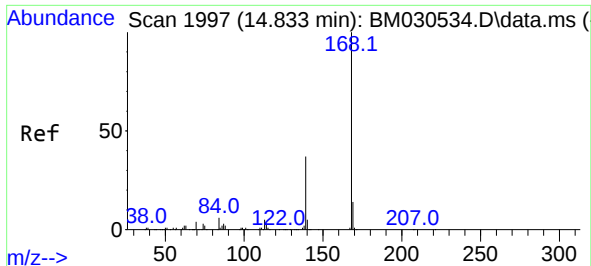
Tgt Ion:153 Resp: 188395
Ion Ratio Lower Upper
153 100
152 47.3 37.4 56.2
154 86.5 69.4 104.0



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ClientSampled :
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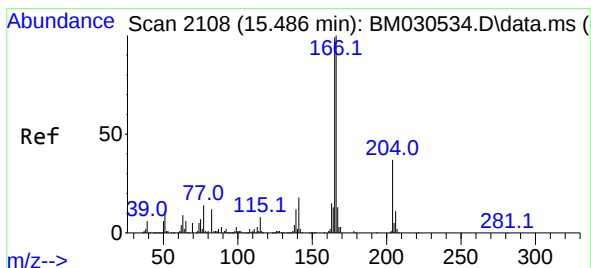
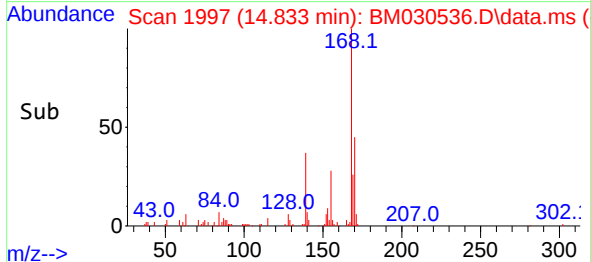
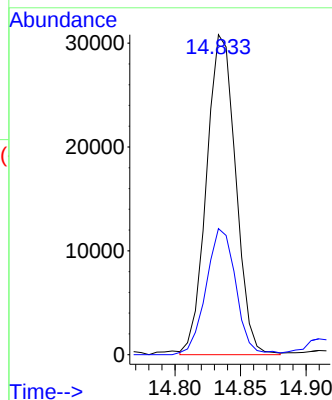
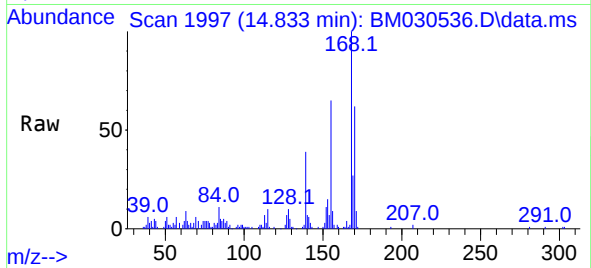
#56
Dibenzofuran
Concen: 1.479 ng/ul
RT: 14.833 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

Tgt Ion:168 Resp: 47742
Ion Ratio Lower Upper
168 100
139 39.4 29.5 44.3

Instrument :
BNA_M
ClientSampled :
BGDH3

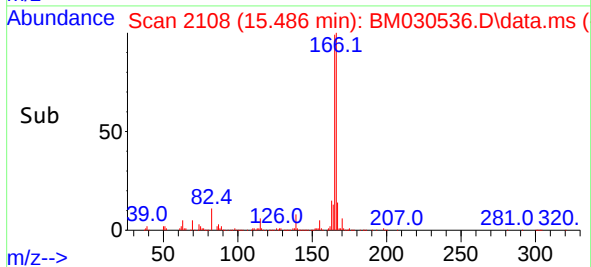
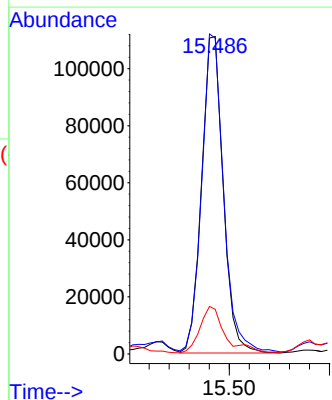
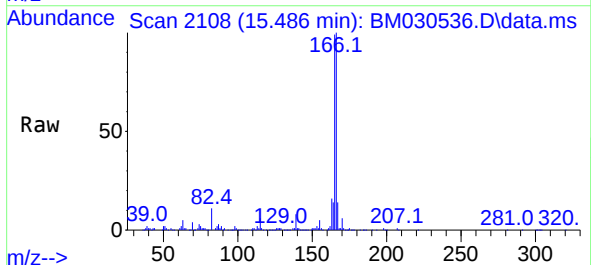
Manual Integrations
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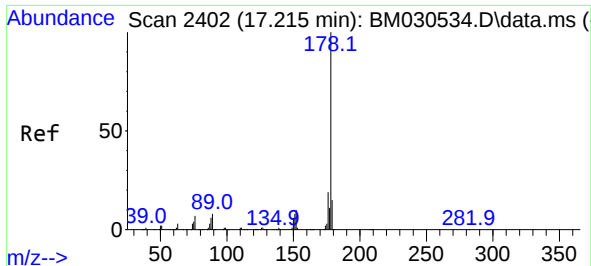
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#61
Fluorene
Concen: 6.235 ng/ul
RT: 15.486 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

Tgt Ion:166 Resp: 165888
Ion Ratio Lower Upper
166 100
165 99.5 78.4 117.6
167 14.1 10.6 15.8





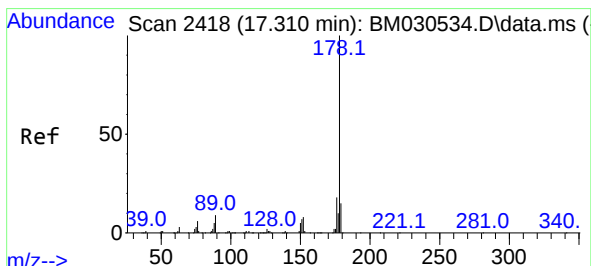
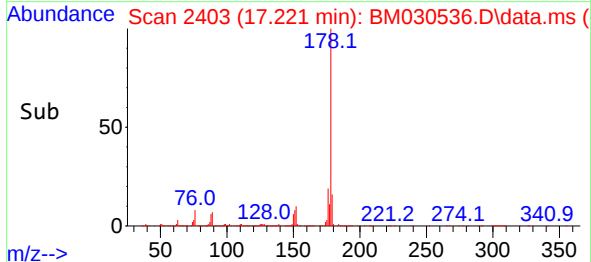
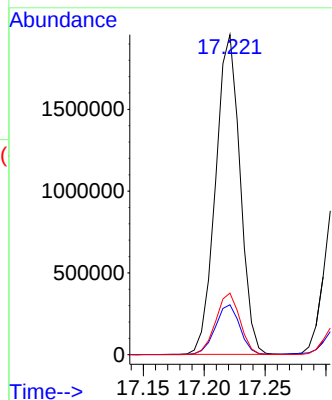
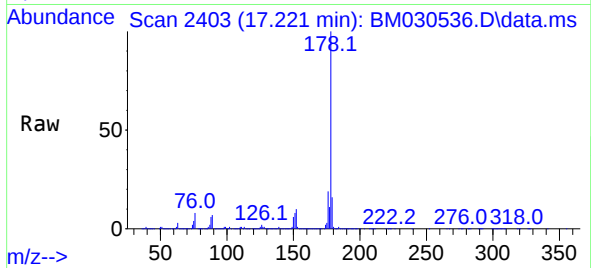
#72
Phenanthrene
Concen: 70.686 ng/u1
RT: 17.221 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

Tgt Ion:178 Resp: 2734612
Ion Ratio Lower Upper
178 100
179 15.6 12.1 18.1
176 19.3 15.2 22.8

Instrument :
BNA_M
ClientSampled :
BGDH3

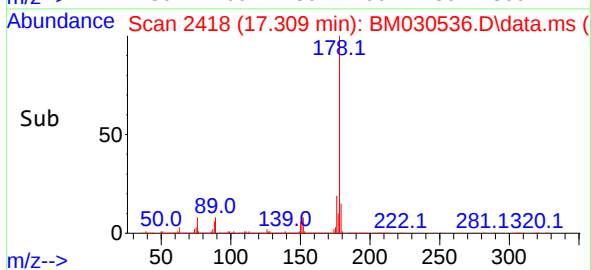
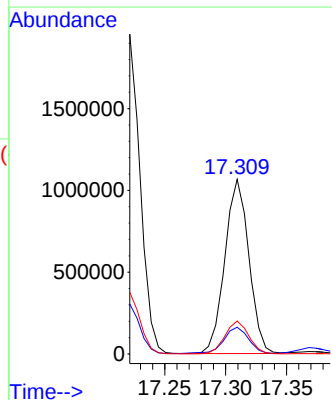
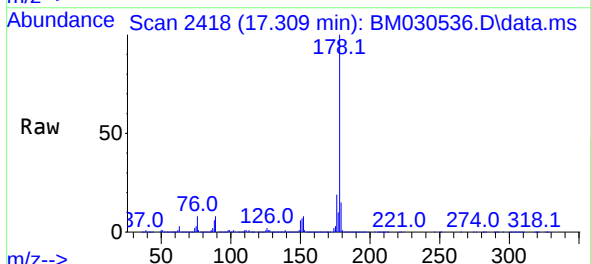
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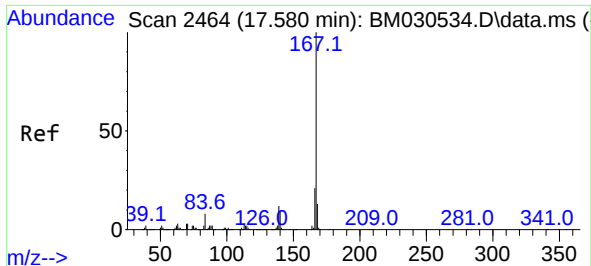
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#74
Anthracene
Concen: 37.052 ng/u1
RT: 17.309 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

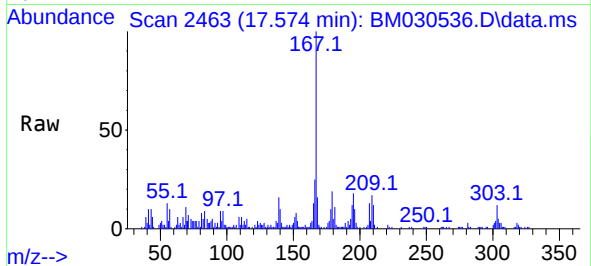
Tgt Ion:178 Resp: 1465620
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 18.9 15.2 22.8





#77
 Carbazole
 Concen: 1.071 ng/ul
 RT: 17.574 min Scan# 2463
 Delta R.T. -0.012 min
 Lab File: BM030536.D
 Acq: 23 Jun 2021 04:24

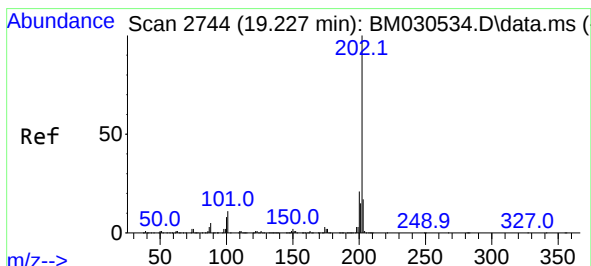
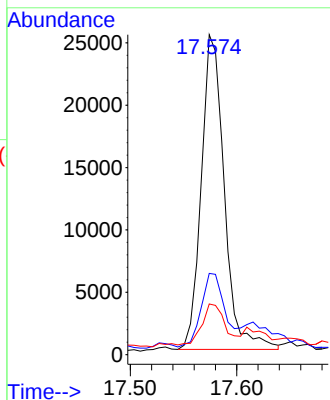
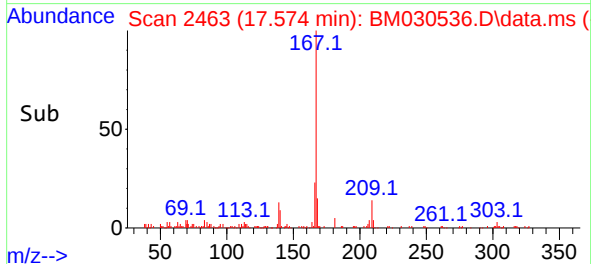
Instrument :
 BNA_M
 ClientSampled :
 BGDH3



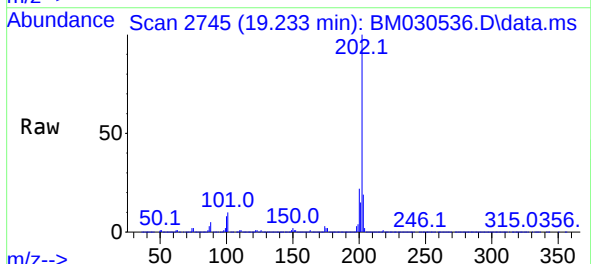
Tgt Ion:167 Resp: 37992
 Ion Ratio Lower Upper
 167 100
 166 25.4 17.0 25.6
 139 15.9 9.9 14.9#

Manual Integrations
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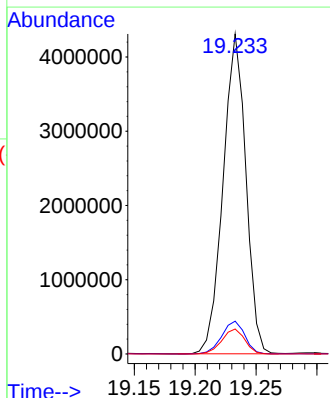
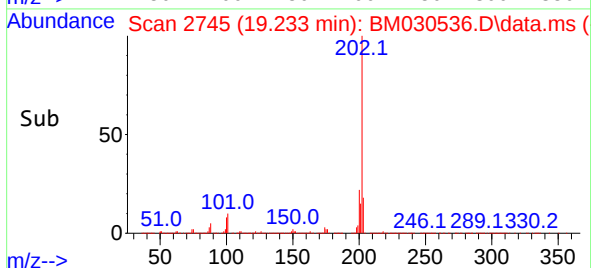
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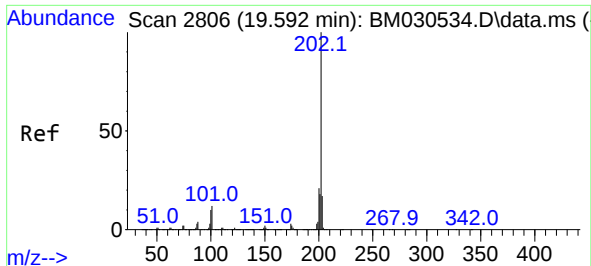


#80
 Fluoranthene
 Concen: 115.064 ng/ul
 RT: 19.233 min Scan# 2745
 Delta R.T. -0.000 min
 Lab File: BM030536.D
 Acq: 23 Jun 2021 04:24



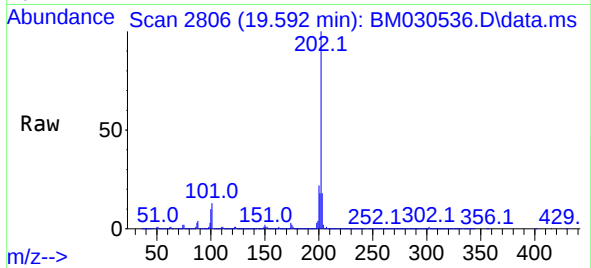
Tgt Ion:202 Resp: 5619484
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.8 13.2
 100 7.8 6.8 10.2





#82
Pyrene
Concen: 87.578 ng/ul
RT: 19.592 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

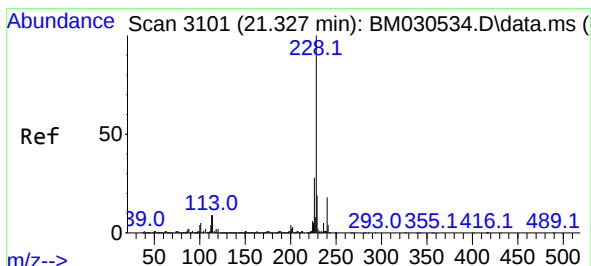
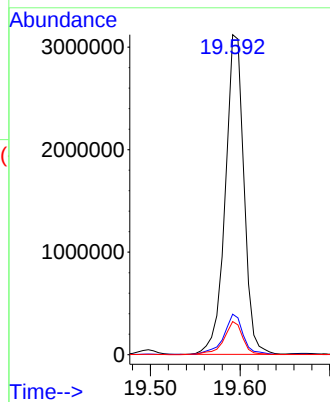
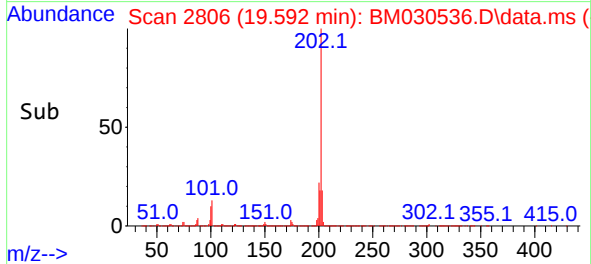
Instrument :
BNA_M
ClientSampled :
BGDH3



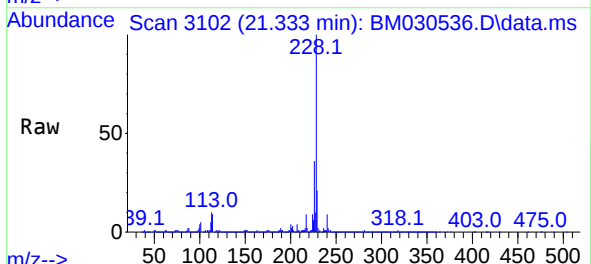
Tgt Ion:202 Resp: 4494177
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.3 8.5 12.7

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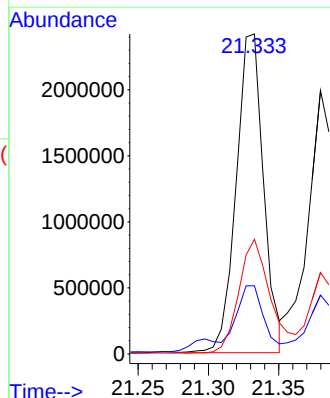
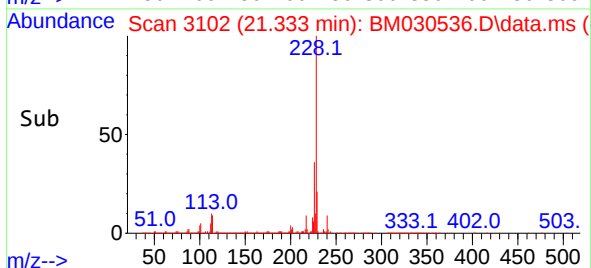
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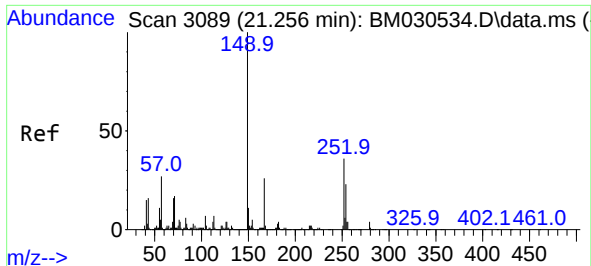


#85
Benzo(a)anthracene
Concen: 69.015 ng/ul m
RT: 21.333 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

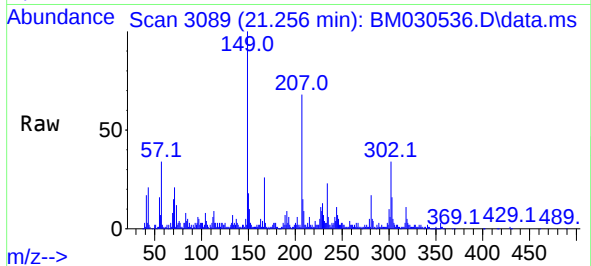


Tgt Ion:228 Resp: 3268607
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 35.9 22.2 33.2#

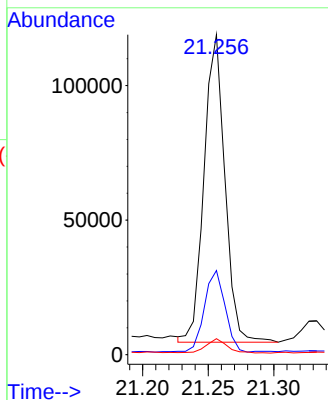
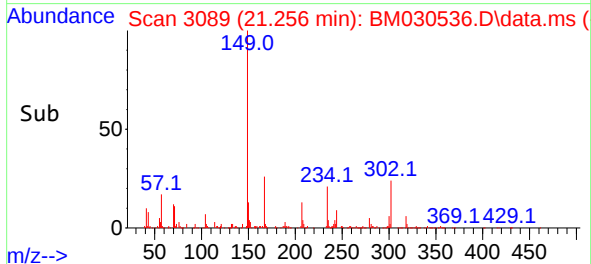




#86
Bis(2-ethylhexyl)phthalate
Concen: 5.217 ng/ul
RT: 21.256 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24



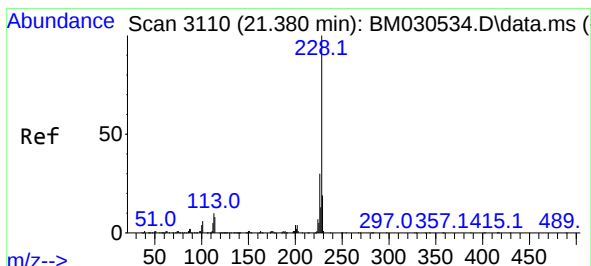
Tgt Ion:149 Resp: 126760
Ion Ratio Lower Upper
149 100
167 26.3 20.7 31.1
279 5.0 3.0 4.4#



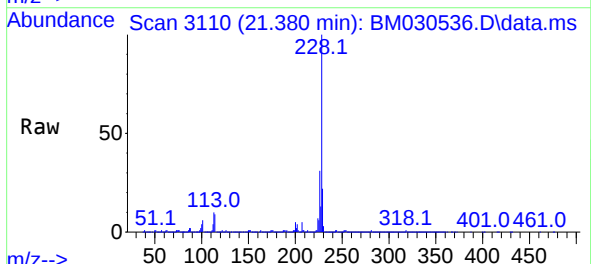
Instrument :
BNA_M
ClientSampled :
BGDH3

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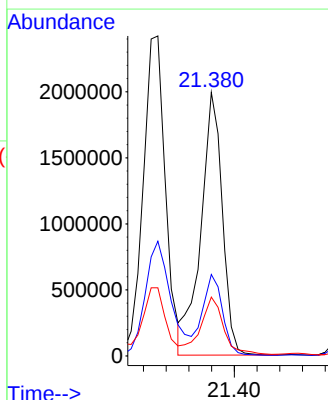
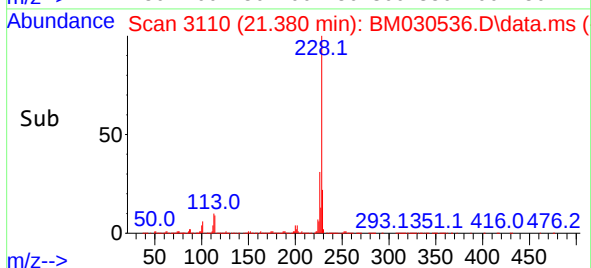
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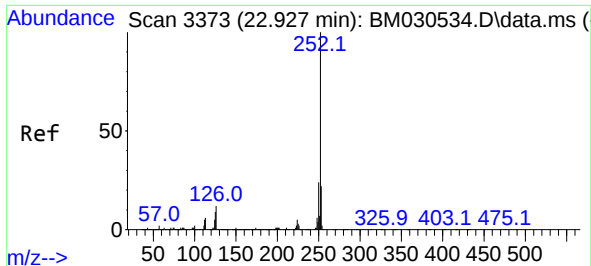


#87
Chrysene
Concen: 56.562 ng/ul
RT: 21.380 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24



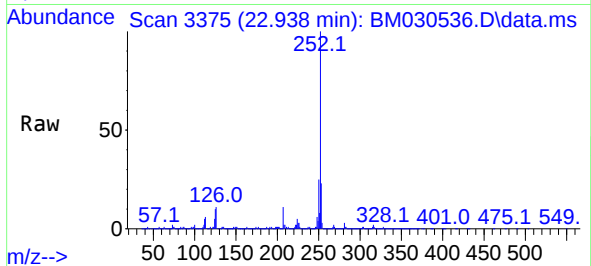
Tgt Ion:228 Resp: 2611475
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 22.4 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 59.386 ng/ul
RT: 22.938 min Scan# 3375
Delta R.T. -0.000 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

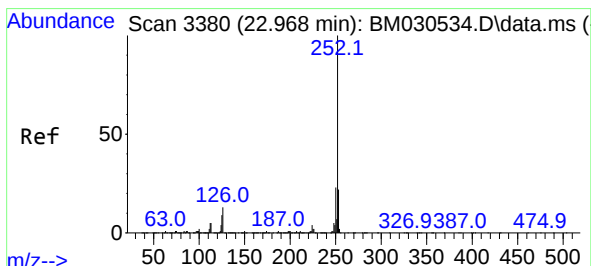
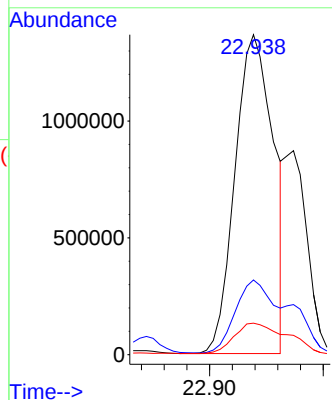
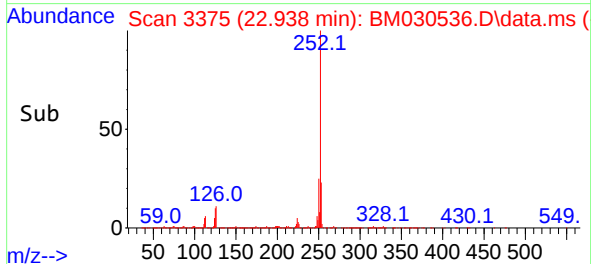
Instrument :
BNA_M
ClientSampled :
BGDH3



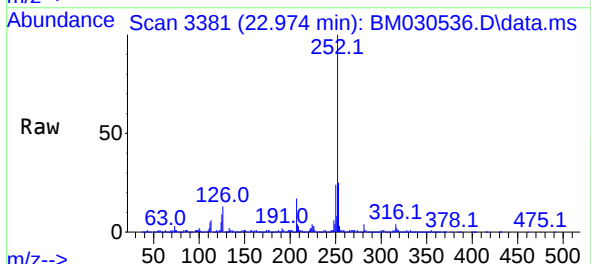
Tgt Ion:252 Resp: 3204539
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 9.9 7.7 11.5

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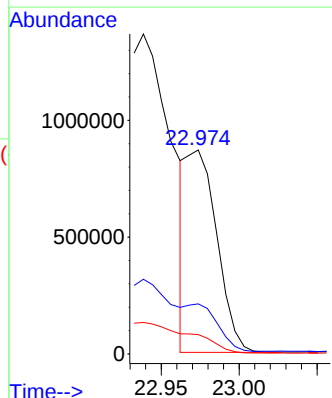
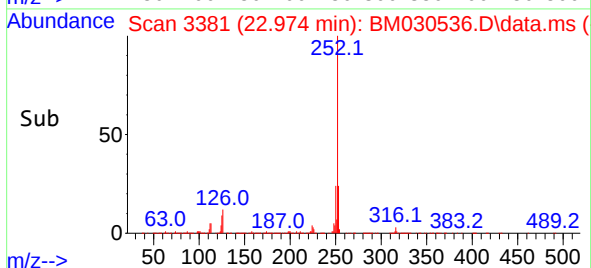
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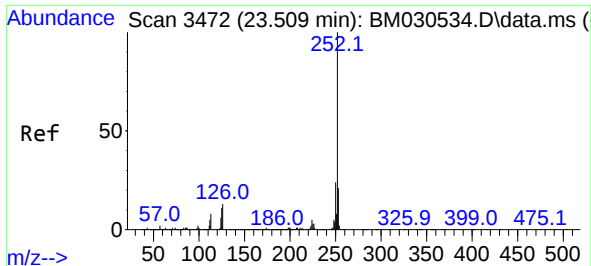


#91
Benzo(k)fluoranthene
Concen: 22.849 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. -0.012 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

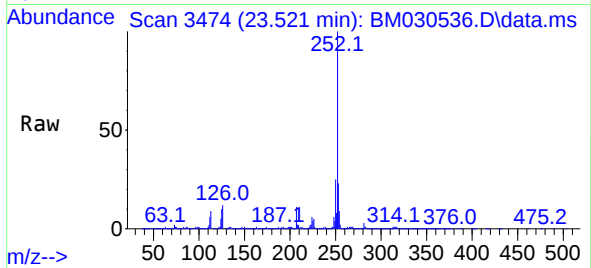


Tgt Ion:252 Resp: 1184931
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.2
125 9.5 7.9 11.9





#93
Benzo(a)pyrene
Concen: 54.824 ng/ul
RT: 23.521 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

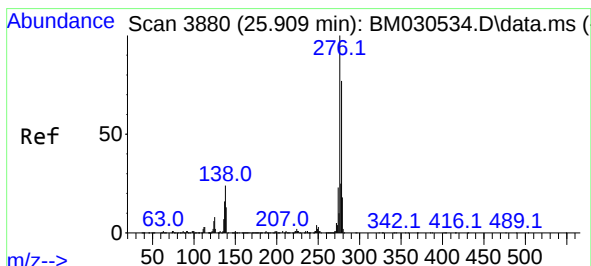
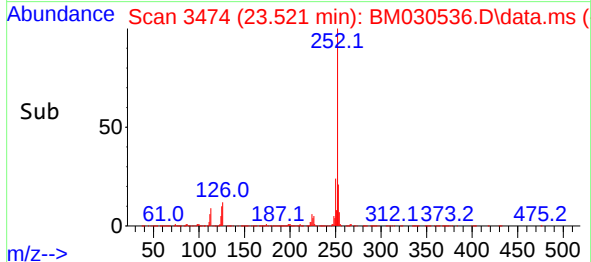
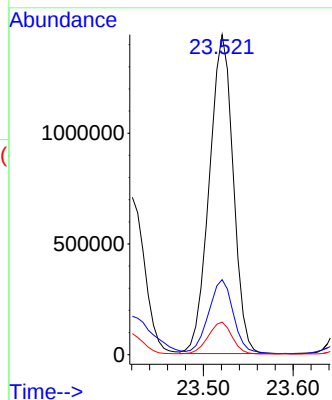


Tgt Ion:252 Resp: 2660038
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 10.2 8.6 13.0

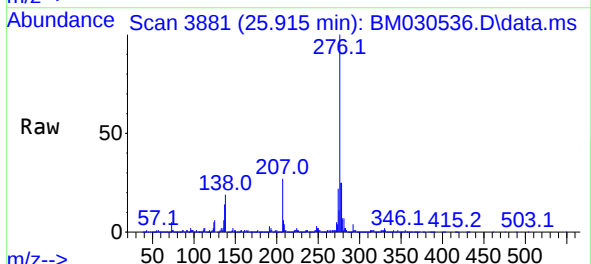
Instrument :
BNA_M
ClientSampled :
BGDH3

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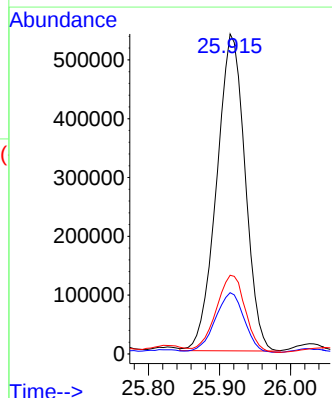
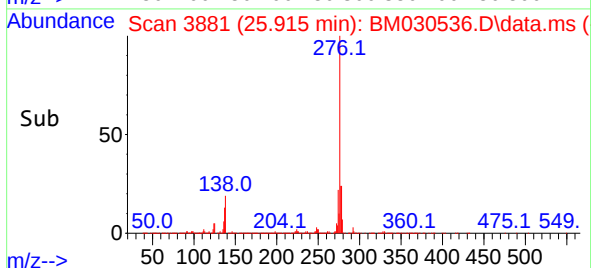
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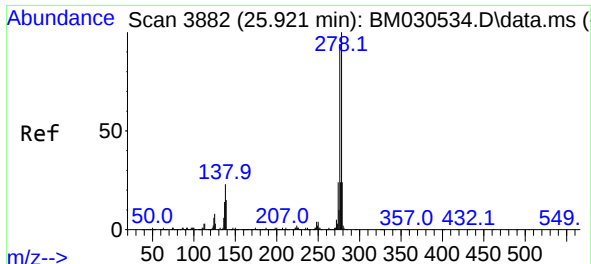


#94
Indeno(1,2,3-cd)pyrene
Concen: 24.512 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. -0.018 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24



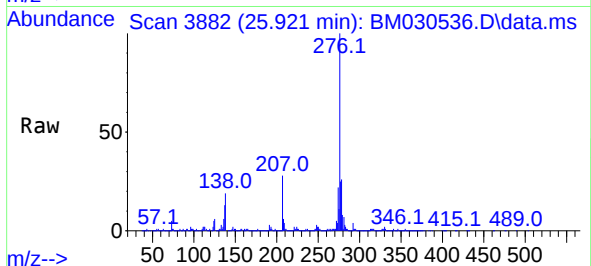
Tgt Ion:276 Resp: 1497225
Ion Ratio Lower Upper
276 100
138 19.1 19.5 29.3#
277 24.6 19.6 29.4





#95
Dibenzo(a,h)anthracene
Concen: 8.078 ng/ul
RT: 25.921 min Scan# 3882
Delta R.T. -0.018 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24

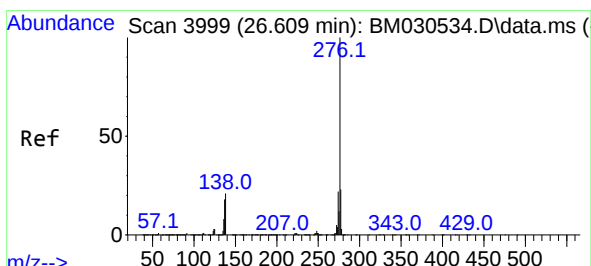
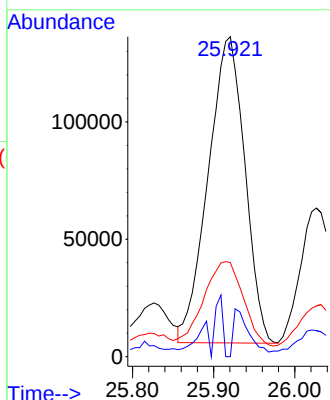
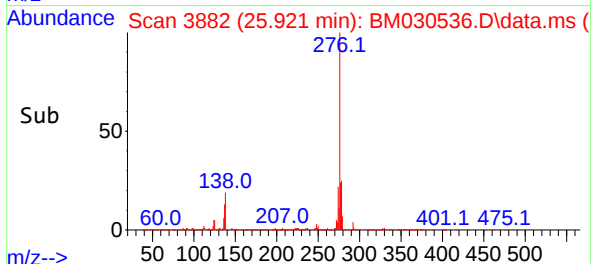
Instrument :
BNA_M
ClientSampled :
BGDH3



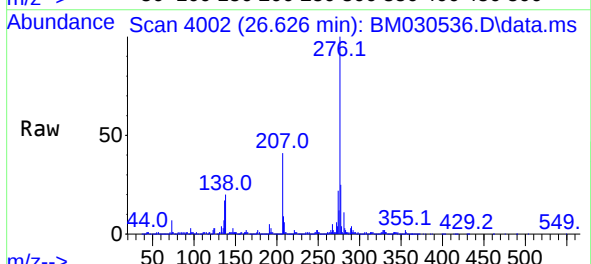
Tgt Ion:278 Resp: 409026
Ion Ratio Lower Upper
278 100
139 0.0 12.8 19.2#
279 29.4 19.1 28.7#

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 22.370 ng/ul
RT: 26.626 min Scan# 4002
Delta R.T. -0.012 min
Lab File: BM030536.D
Acq: 23 Jun 2021 04:24



Tgt Ion:276 Resp: 1140008
Ion Ratio Lower Upper
276 100
138 19.7 16.5 24.7
277 24.6 18.5 27.7

