

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031544.D
 Acq On : 07 Aug 2021 10:30
 Operator : CG/JU
 Sample : M3124-05DL 5X
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0088DL

Manual Integrations
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Quant Time: Aug 08 05:12:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 08 04:44:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	4670	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.216	164	2781	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5077	0.400	ng/ul #	0.00
17) Chrysene-d12	21.161	240	4237	0.400	ng/ul #	0.00
23) Perylene-d12	23.319	264	4338	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	737	0.522	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	329	0.042	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	677	0.048	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.392	128	3259	0.234	ng/ul	96
7) 2-Methylnaphthalene	12.011	142	7253	0.763	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	4816	0.513	ng/ul	99
10) Acenaphthylene	13.936	152	320	0.027	ng/ul#	30
11) Acenaphthene	14.307	153	490m	0.049	ng/ul	
12) Fluorene	15.270	166	864	0.075	ng/ul#	63
15) Phenanthrene	17.006	178	20877	1.295	ng/ul	99
19) Fluoranthene	19.031	202	5000	0.276	ng/ul#	88
20) Pyrene	19.394	202	4048	0.221	ng/ul#	81
21) Benzo(a)anthracene	21.144	228	1961	0.115	ng/ul#	33
22) Chrysene	21.198	228	14344m	0.810	ng/ul	
24) Benzo(b)fluoranthene	22.677	252	4855m	0.248	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	469m	0.023	ng/ul	
26) Benzo(a)pyrene	23.222	252	581	0.034	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.454	276	640	0.029	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.461	278	1036	0.058	ng/ul#	1

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

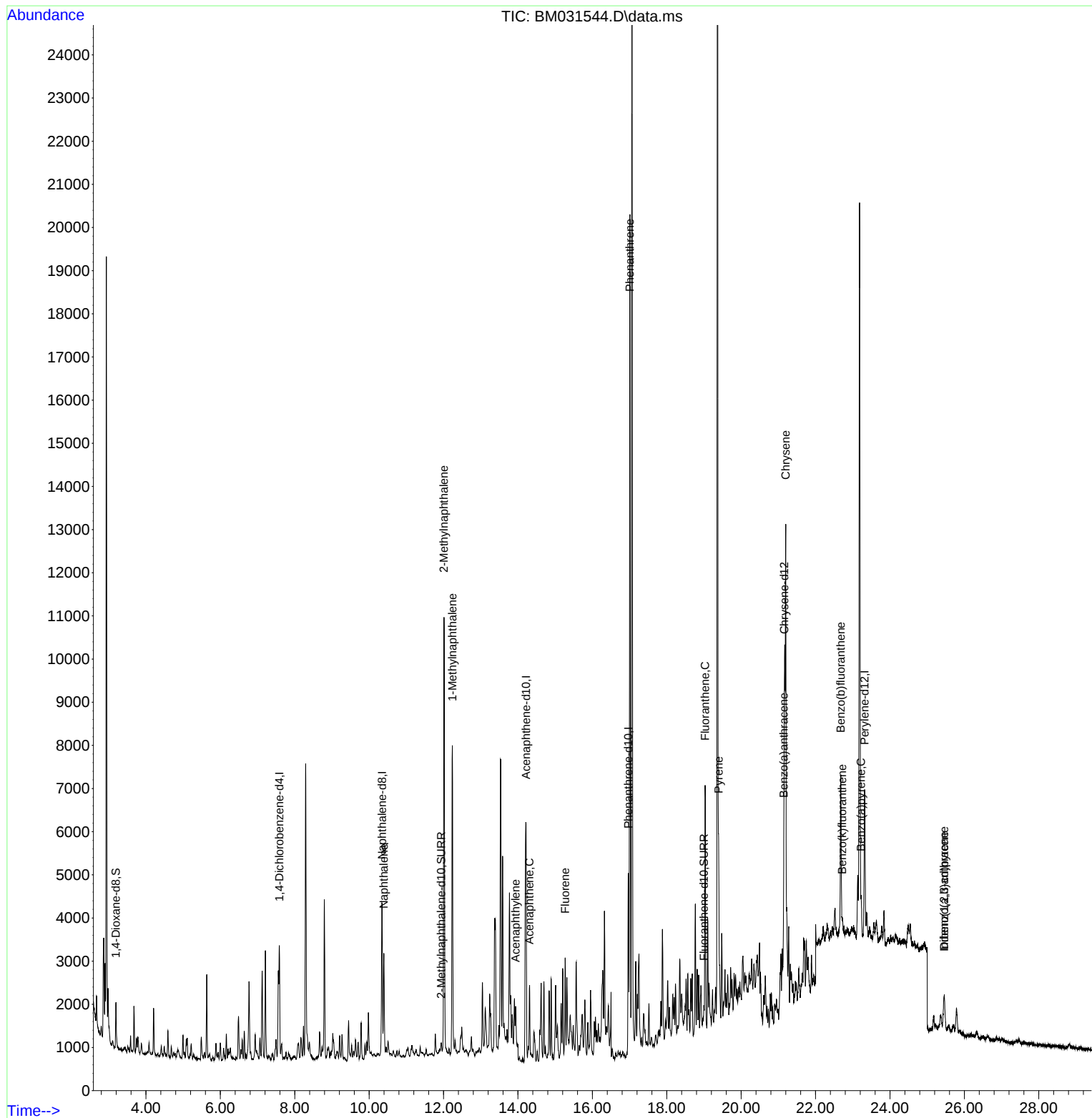
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Data File : BM031544.D
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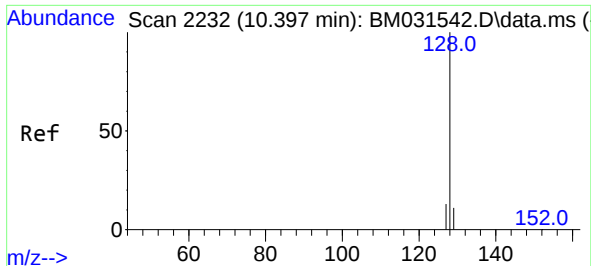
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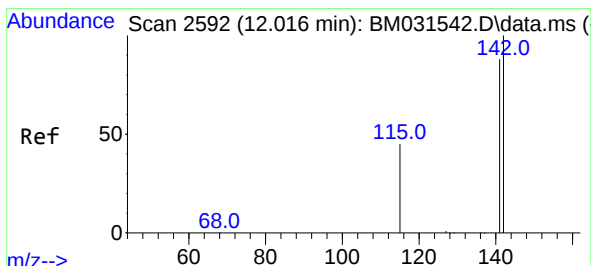
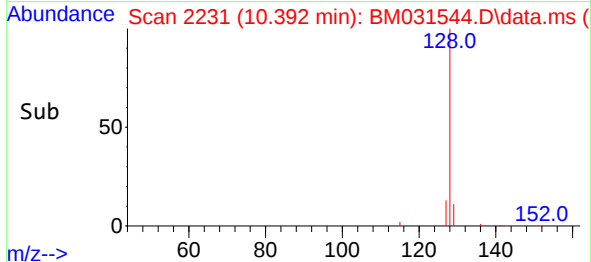
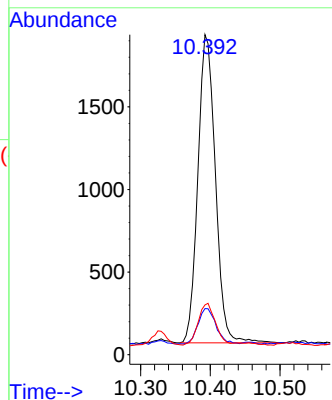
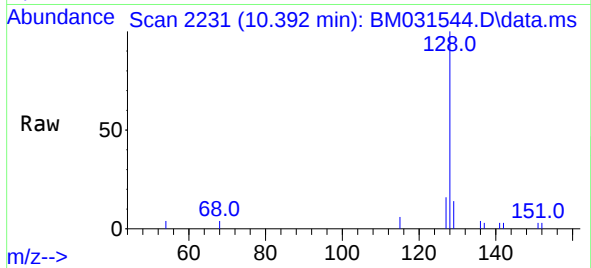
#5
Naphthalene
Concen: 0.234 ng/ul
RT: 10.392 min Scan# 2231
Delta R.T. -0.003 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30

Tgt Ion:	128	Resp:	3259
Ion Ratio	Lower	Upper	
128	100		
129	14.4	10.0	15.0
127	15.5	11.6	17.4

Instrument :
BNA_M
ClientSampled :
C0088DL

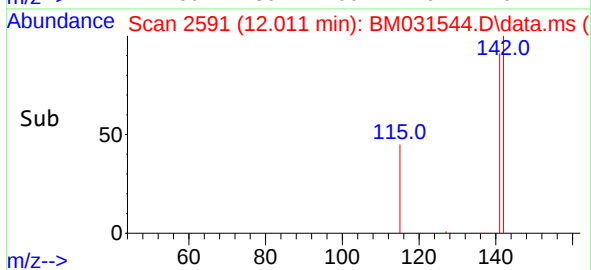
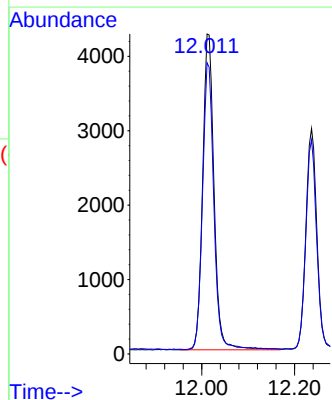
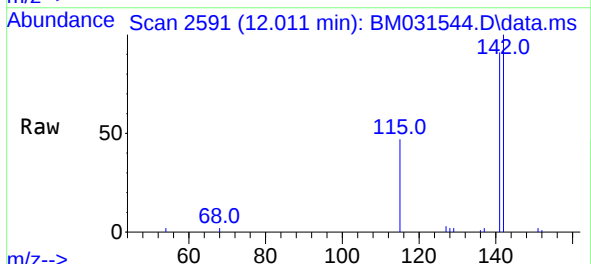
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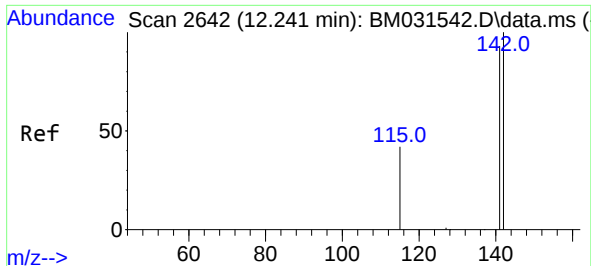
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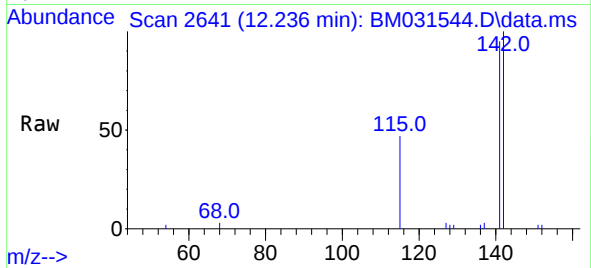
#7
2-Methylnaphthalene
Concen: 0.763 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. -0.008 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30

Tgt Ion:	142	Resp:	7253
Ion Ratio	Lower	Upper	
142	100		
141	90.2	71.4	107.0

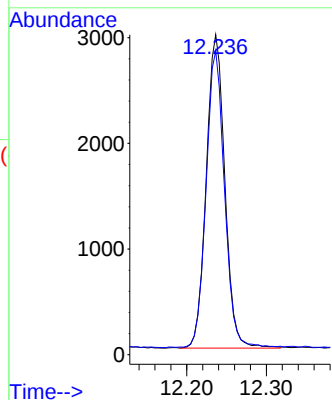




#8
1-Methylnaphthalene
Concen: 0.513 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.003 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



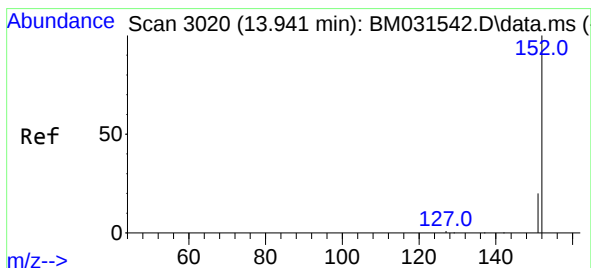
Tgt Ion:142 Resp: 4816
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



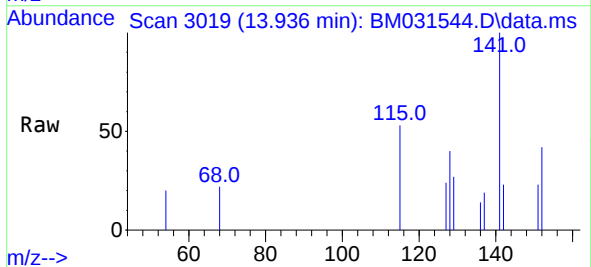
Instrument :
BNA_M
ClientSampled :
C0088DL

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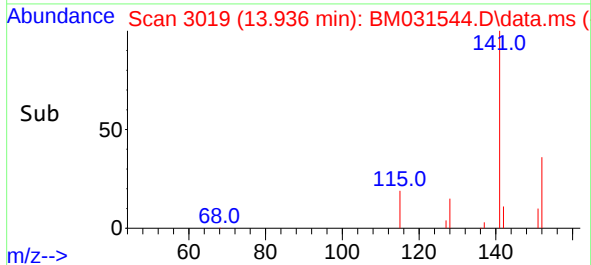
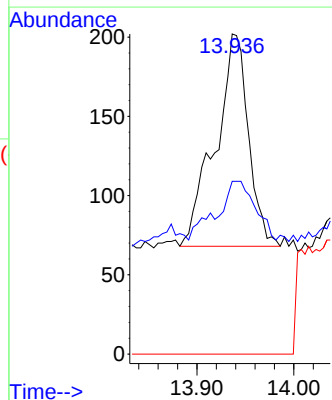
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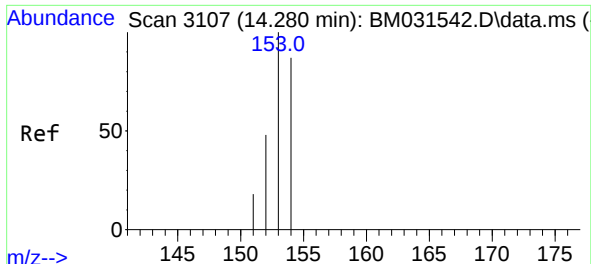


#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.003 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30

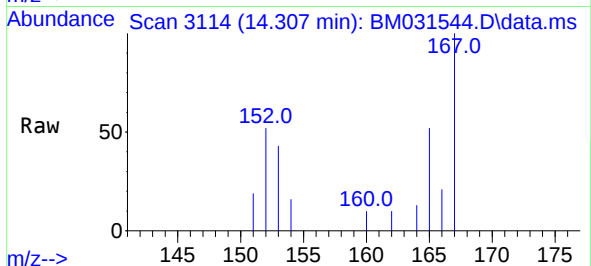


Tgt Ion:152 Resp: 320
Ion Ratio Lower Upper
152 100
151 54.0 16.9 25.3#
153 0.0 0.0 0.0

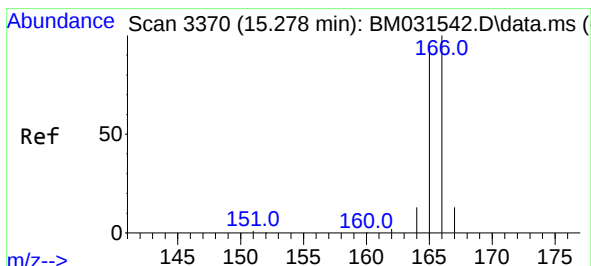
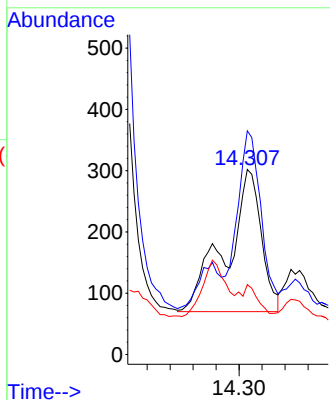
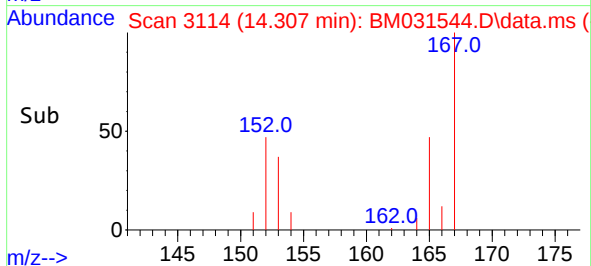




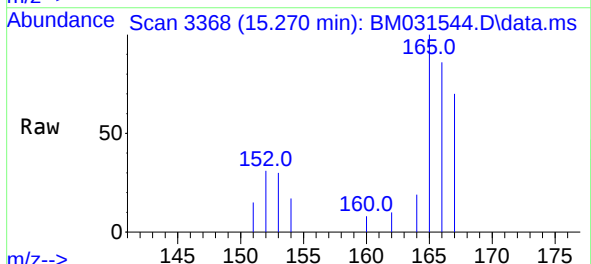
#11
Acenaphthene
Concen: 0.049 ng/ul m
RT: 14.307 min Scan# 3114
Delta R.T. 0.023 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



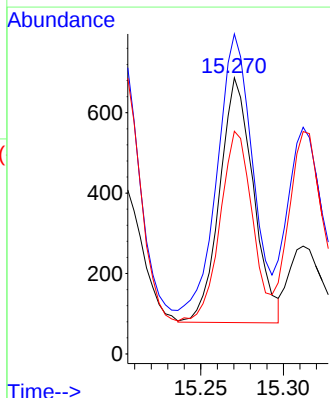
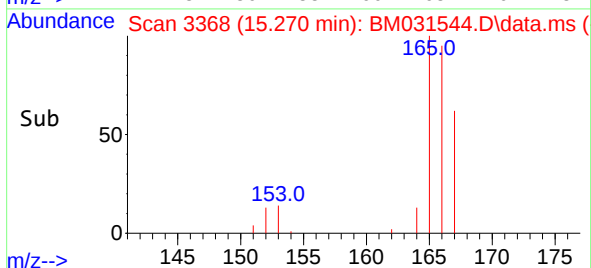
Tgt Ion:153 Resp: 490
Ion Ratio Lower Upper
153 100
152 120.9 40.7 61.1#
154 37.7 70.2 105.2#



#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.003 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



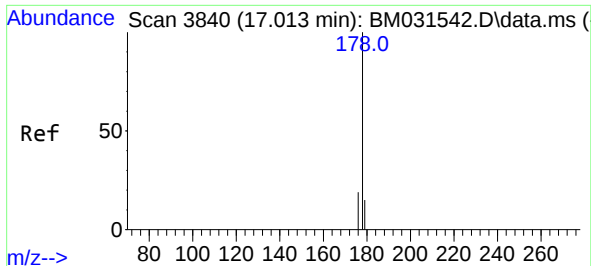
Tgt Ion:166 Resp: 864
Ion Ratio Lower Upper
166 100
165 115.9 78.0 117.0
167 80.6 12.0 18.0#



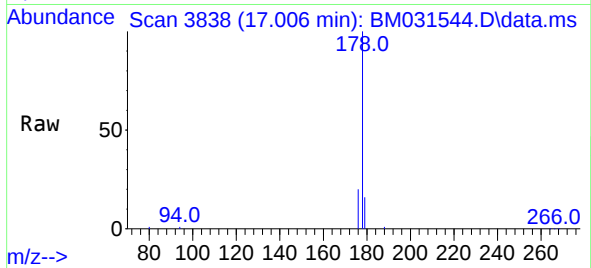
Instrument :
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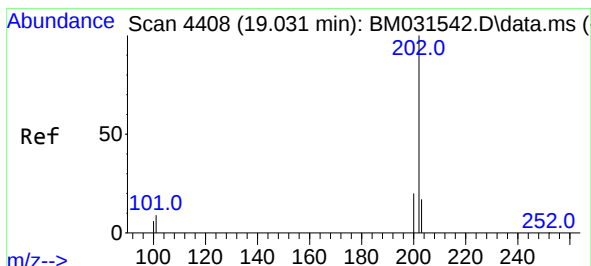
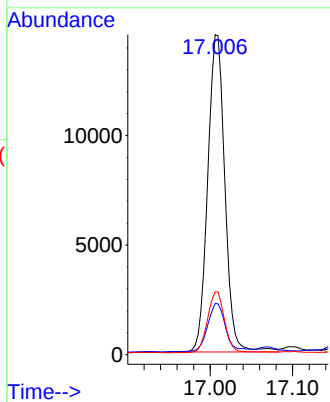
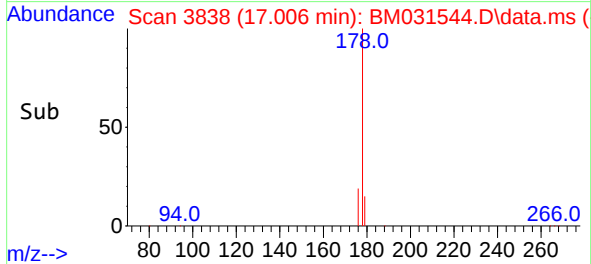
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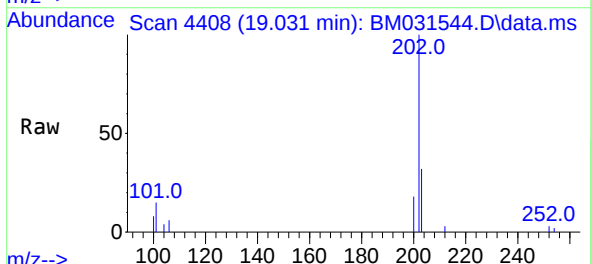
#15
Phenanthrene
Concen: 1.295 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



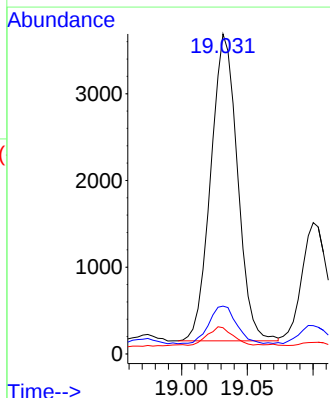
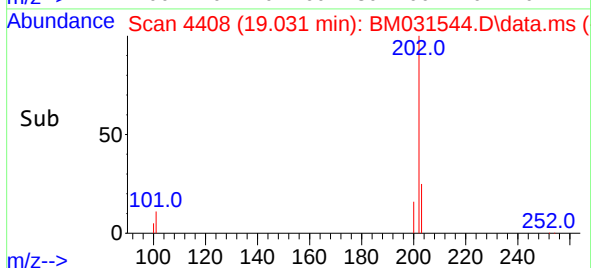
Tgt Ion:	178	Resp:	20877
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.3	19.9
176	19.6	16.2	24.4



#19
Fluoranthene
Concen: 0.276 ng/ul
RT: 19.031 min Scan# 4408
Delta R.T. 0.000 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



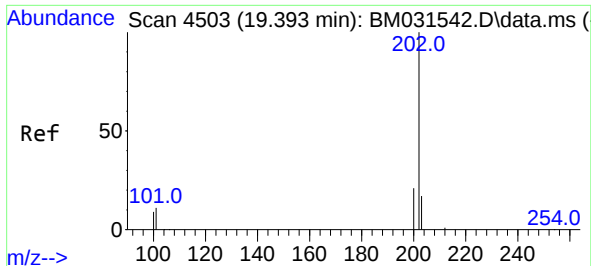
Tgt Ion:	202	Resp:	5000
Ion Ratio	Lower	Upper	
202	100		
101	15.0	6.6	10.0#
100	8.2	5.4	8.0#



Instrument :
BNA_M
ClientSampleId :
C0088DL

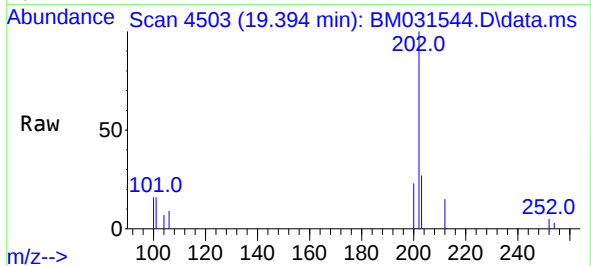
Manual Integrations
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#20
Pyrene
Concen: 0.221 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.003 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30

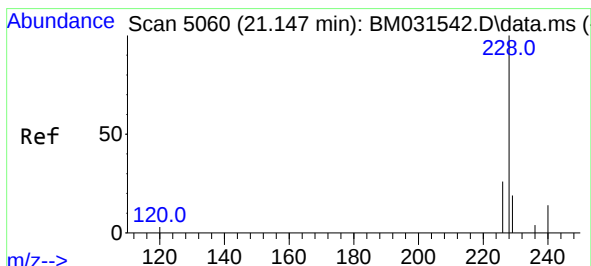
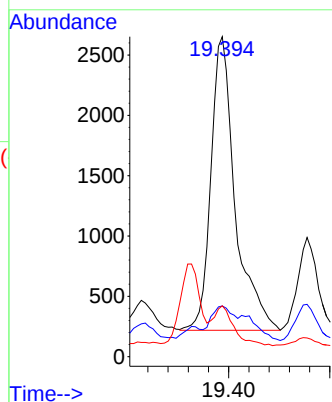
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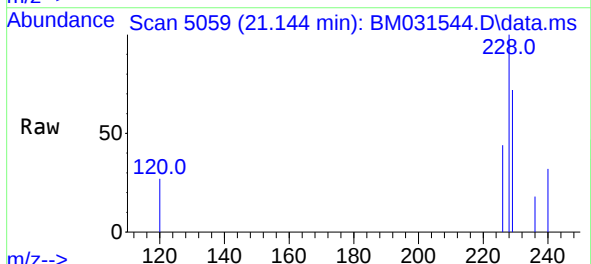
Tgt Ion:202 Resp: 4048
Ion Ratio Lower Upper
202 100
101 15.8 7.8 11.6#
100 15.9 6.6 10.0#

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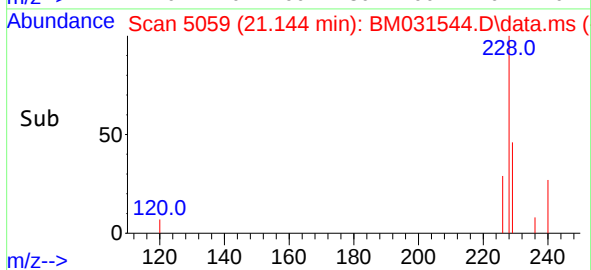
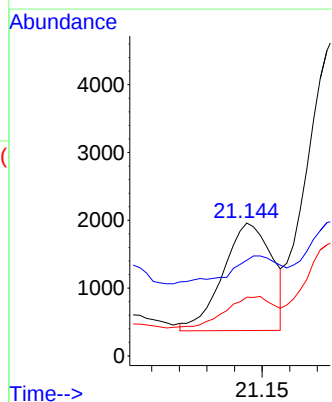
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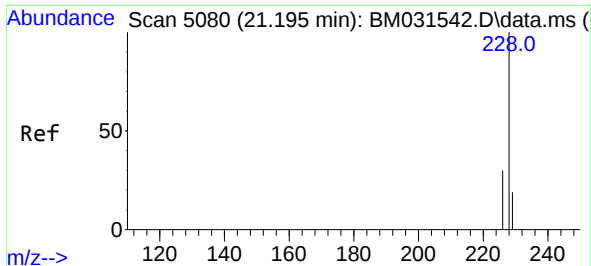


#21
Benzo(a)anthracene
Concen: 0.115 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30

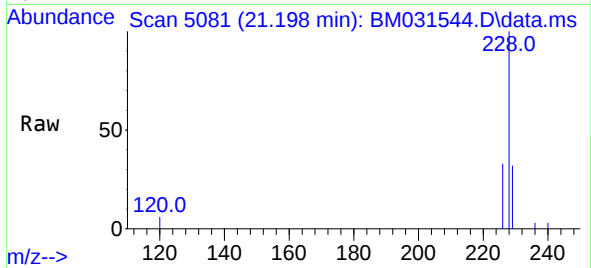


Tgt Ion:228 Resp: 1961
Ion Ratio Lower Upper
228 100
229 72.0 15.6 23.4#
226 44.2 21.7 32.5#

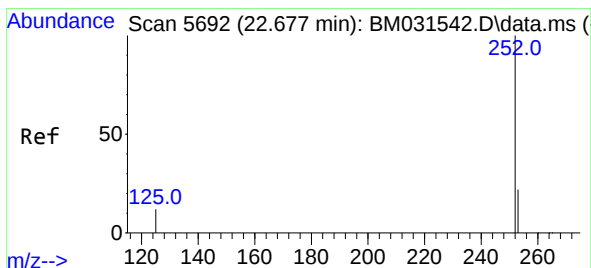
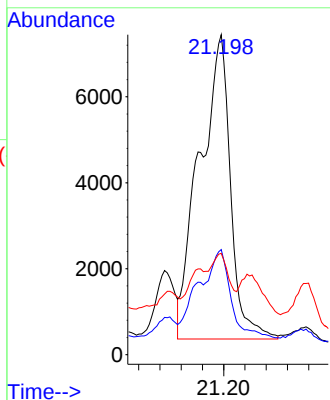
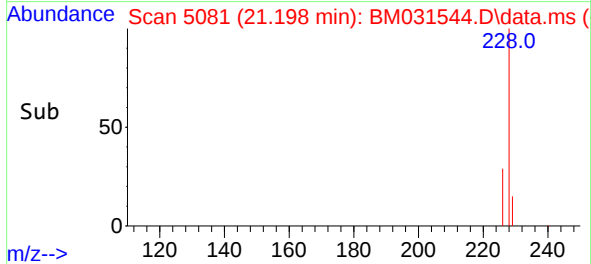




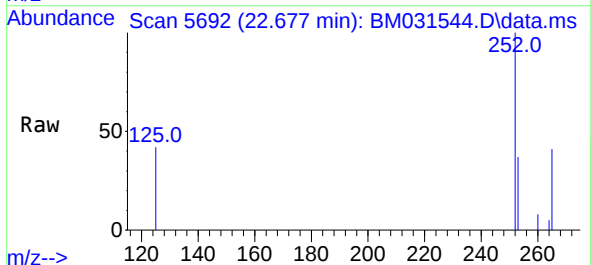
#22
Chrysene
Concen: 0.810 ng/ul m
RT: 21.198 min Scan# 5081
Delta R.T. -0.002 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



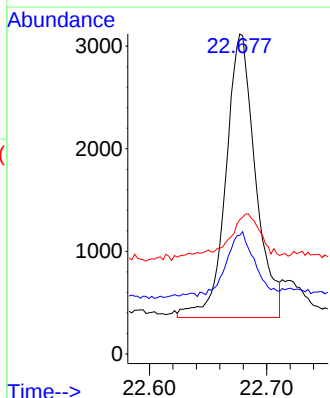
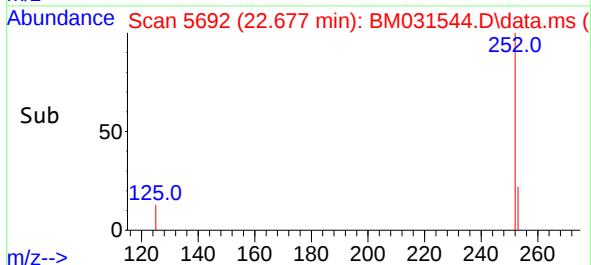
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Ion Ratio Lower Upper
228 100
226 32.8 24.7 37.1
229 31.7 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.248 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



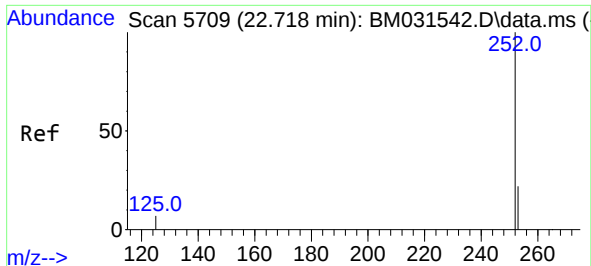
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Ion Ratio Lower Upper
252 100
253 37.1 0.0 53.0
125 42.0 0.0 22.8#



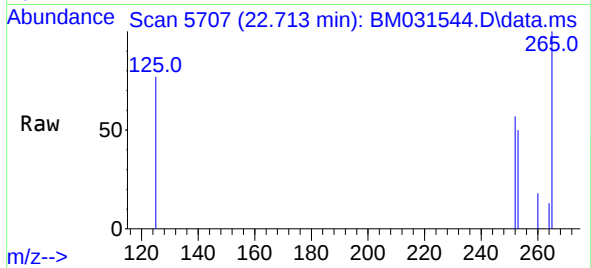
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C0088DL

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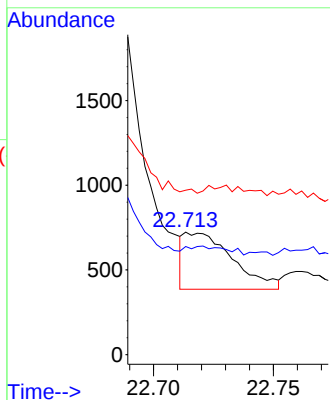
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#25
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



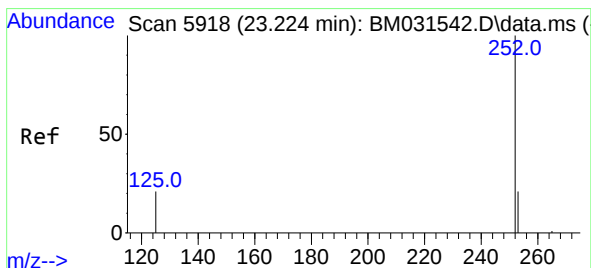
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Ion Ratio Lower Upper
252 100
253 88.2 21.3 31.9#
125 134.3 8.8 13.2#



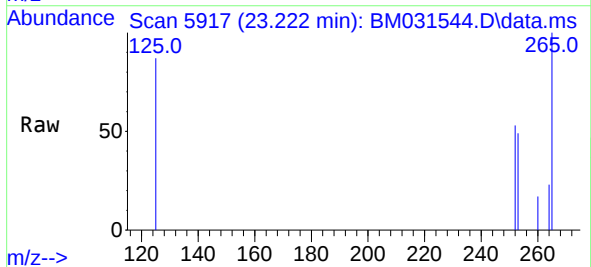
Instrument :
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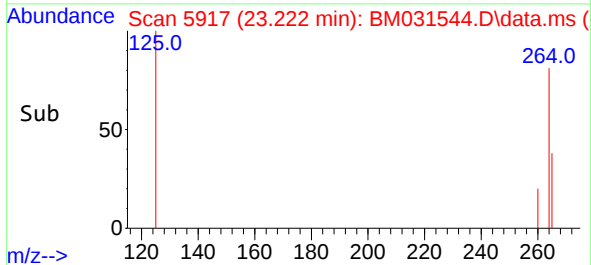
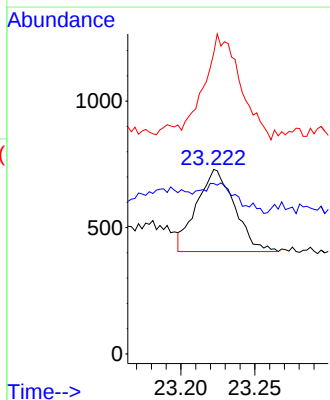
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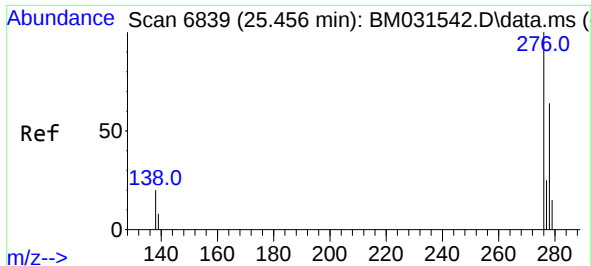


#26
Benzo(a)pyrene
Concen: 0.034 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30



Tgt Ion:252 Resp: 581
Ion Ratio Lower Upper
252 100
253 92.3 22.4 33.6#
125 163.0 13.0 19.4#





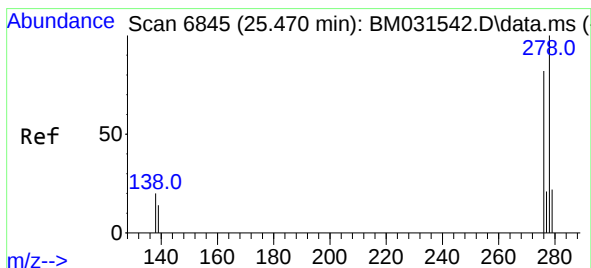
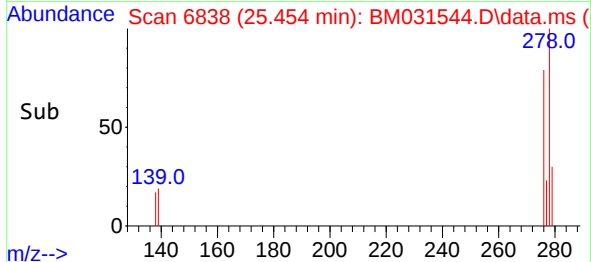
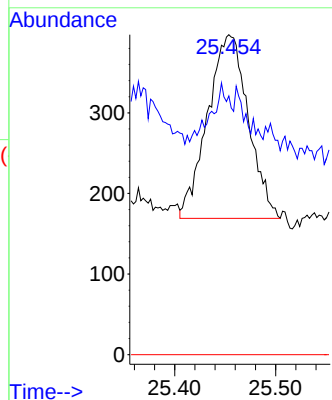
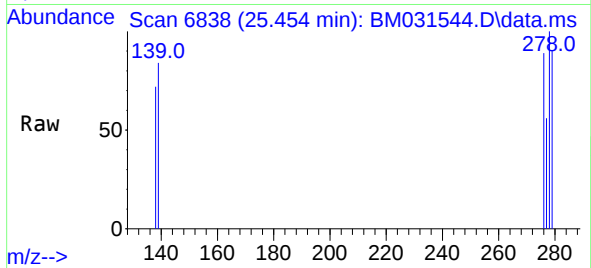
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 25.454 min Scan# 6838
Delta R.T. -0.009 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30

Tgt Ion:276 Resp: 640
Ion Ratio Lower Upper
276 100
138 14.1 15.8 23.8#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C0088DL

Manual Integrations
APPROVED

mohammad
8/9/2021 12:13:21 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.461 min Scan# 6841
Delta R.T. -0.014 min
Lab File: BM031544.D
Acq: 07 Aug 2021 10:30

Tgt Ion:278 Resp: 1036
Ion Ratio Lower Upper
278 100
139 87.1 13.3 19.9#
279 98.2 22.8 34.2#

