

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030570.D
 Acq On : 24 Jun 2021 11:56
 Operator : CG/JU
 Sample : M2662-23
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD97

Manual Integrations
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Quant Time: Jun 24 12:35:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 01:55:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	3627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	14300	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	8459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	16513	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	13328	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	10693	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	8566	2.208	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	3263	0.143	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	7495	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.635	128	15497	0.364	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	5194	0.181	ng/ul	100
8) 1-Methylnaphthalene	12.470	142	4042	0.145	ng/ul	100
10) Acenaphthylene	14.144	152	5418	0.137	ng/ul	94
11) Acenaphthene	14.489	153	16173	0.501	ng/ul	99
12) Fluorene	15.471	166	17962	0.503	ng/ul	98
15) Phenanthrene	17.204	178	305065	5.188	ng/ul	99
16) Anthracene	17.294	178	91317	1.773	ng/ul	99
19) Fluoranthene	19.214	202	583465	9.522	ng/ul	98
20) Pyrene	19.573	202	364299	5.804	ng/ul	100
21) Benzo(a)anthracene	21.311	228	256774	4.850	ng/ul	98
22) Chrysene	21.362	228	220332	3.749	ng/ul	97
24) Benzo(b)fluoranthene	22.905	252	236078m	5.075	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	92072m	1.887	ng/ul	
26) Benzo(a)pyrene	23.481	252	70022	1.696	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.868	276	52905	1.008	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.868	278	21442	0.512	ng/ul#	91
29) Benzo(g,h,i)perylene	26.568	276	2142	0.047	ng/ul#	45

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

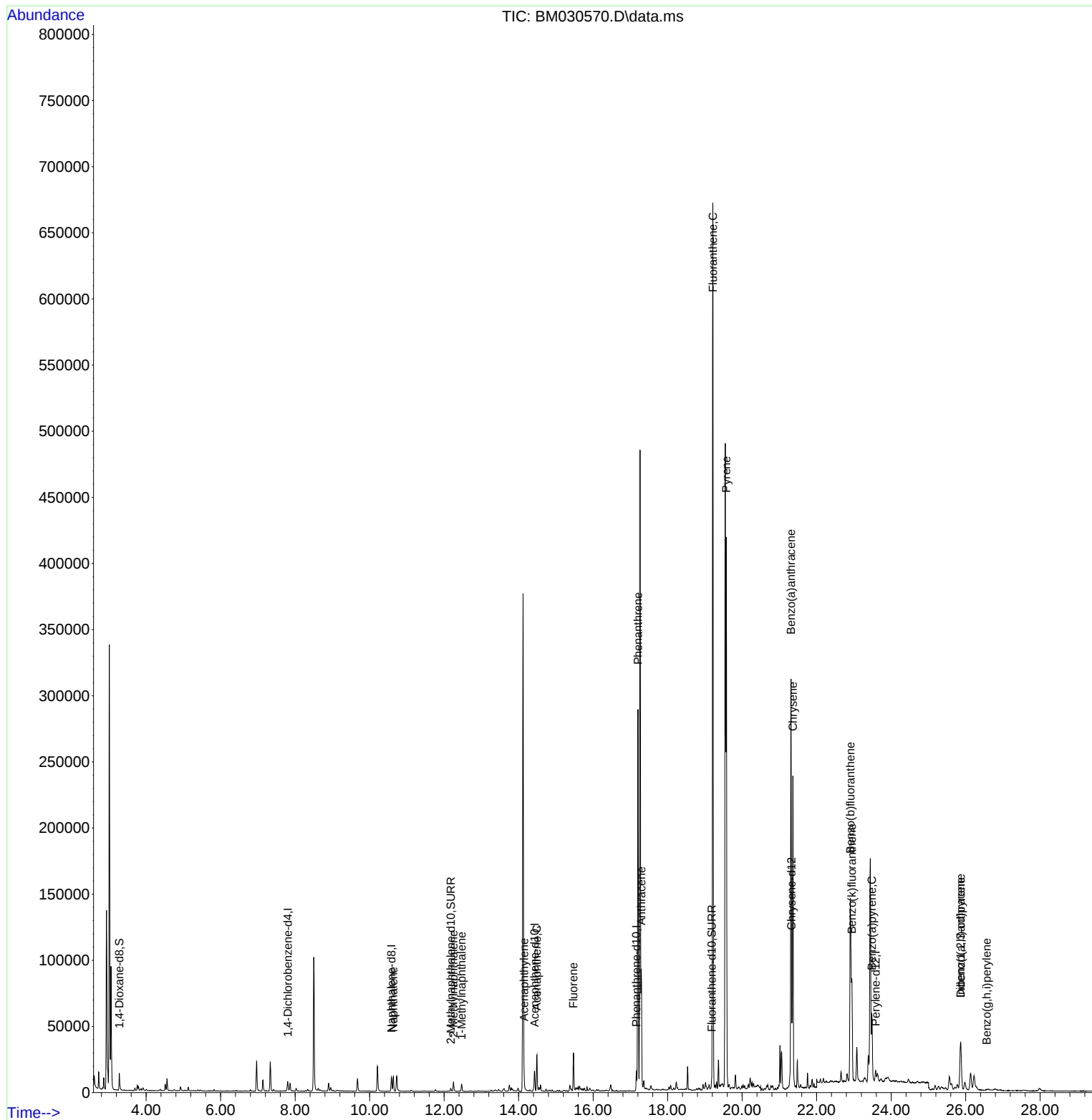
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
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ALS Vial : 6 Sample Multiplier: 1

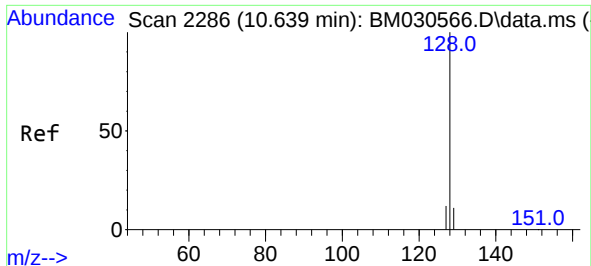
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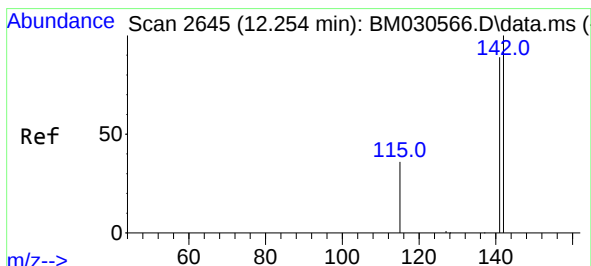
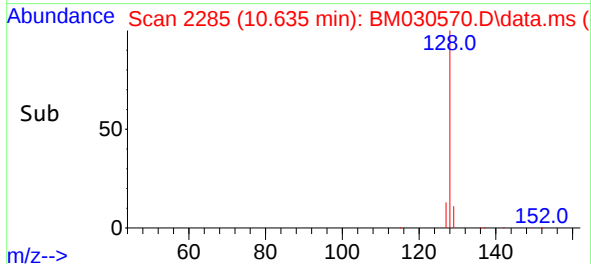
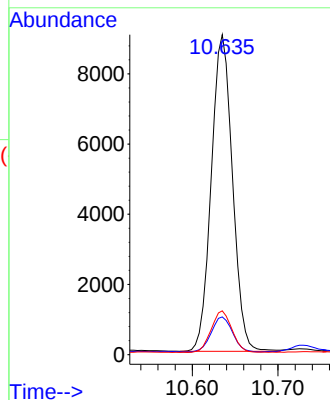
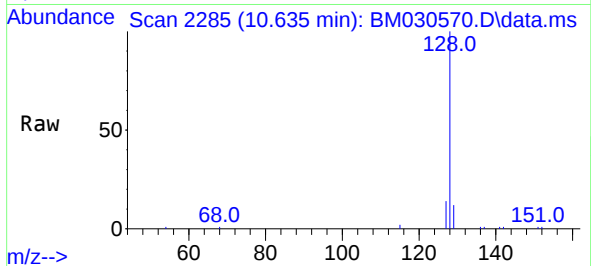
#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.635 min Scan# 2285
Delta R.T. -0.005 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

Tgt Ion:	128	Resp:	15497
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.0	13.6
127	13.7	10.9	16.3

Instrument :
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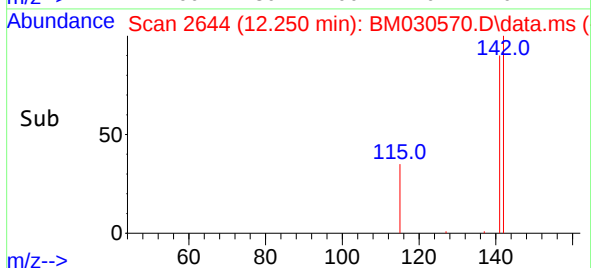
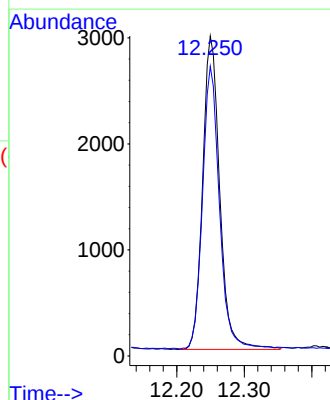
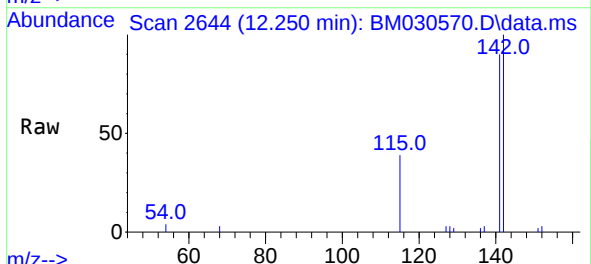
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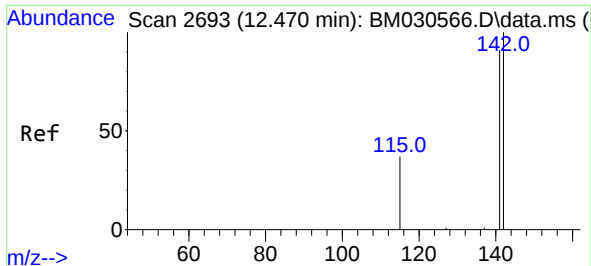
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#7
2-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.005 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

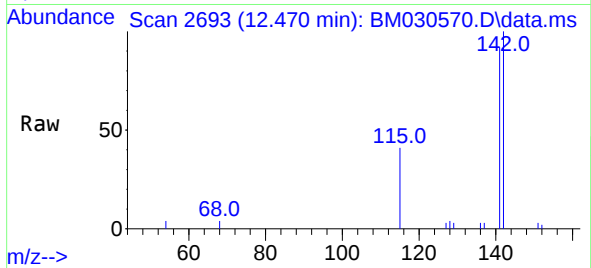
Tgt Ion:	142	Resp:	5194
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.4	107.0



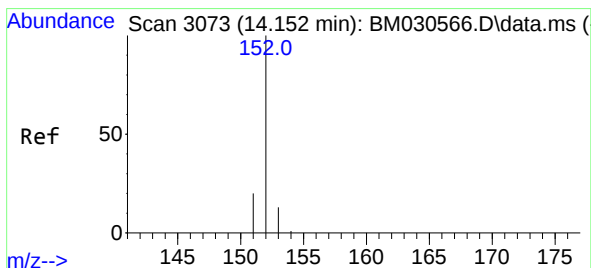
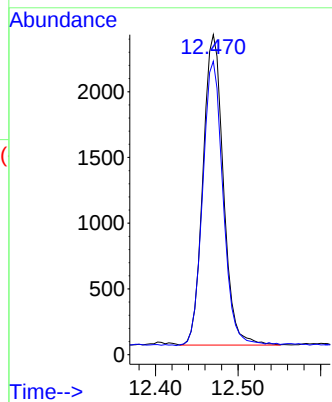
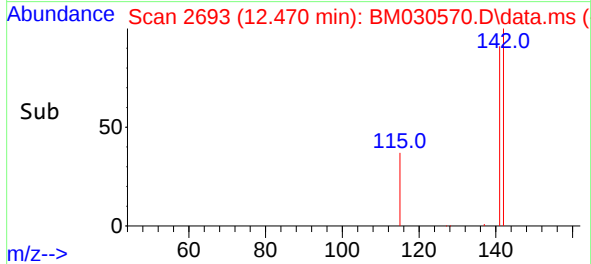


#8
1-Methylnaphthalene
Concen: 0.145 ng/ul
RT: 12.470 min Scan# 2693
Delta R.T. -0.005 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

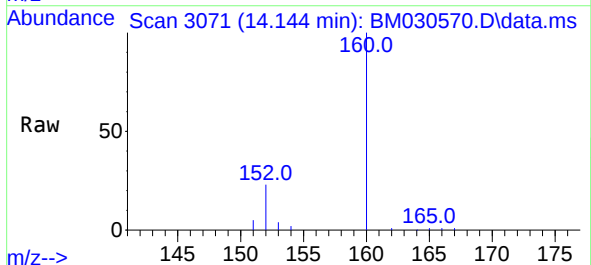
Instrument :
BNA_M
ClientSampled :
BGD97



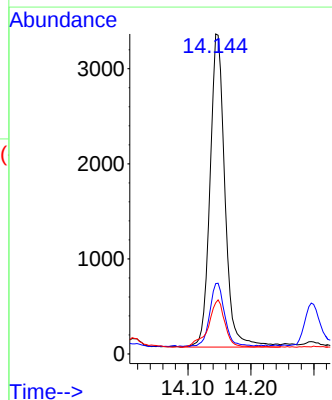
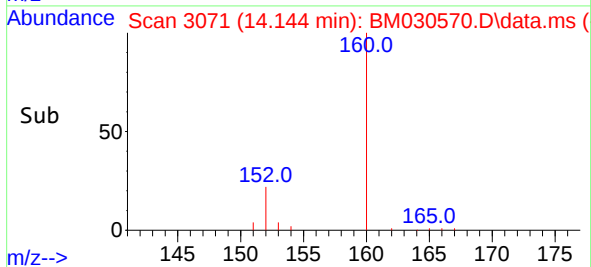
Tgt Ion:142 Resp: 4042
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0

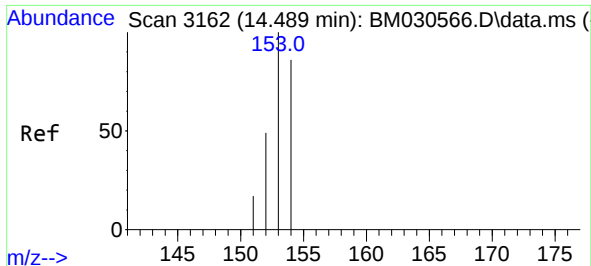


#10
Acenaphthylene
Concen: 0.137 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.008 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56



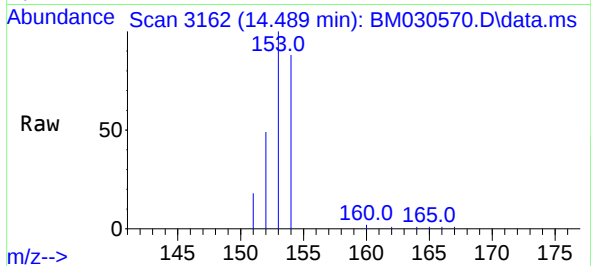
Tgt Ion:152 Resp: 5418
Ion Ratio Lower Upper
152 100
151 22.0 15.5 23.3
153 16.0 10.7 16.1





#11
Acenaphthene
Concen: 0.501 ng/u1
RT: 14.489 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

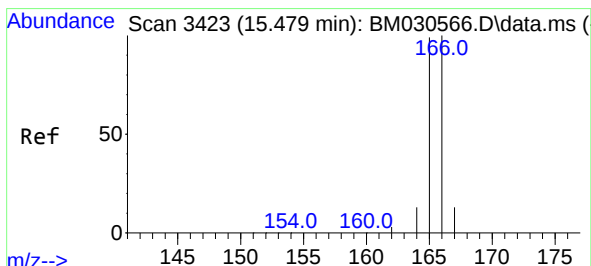
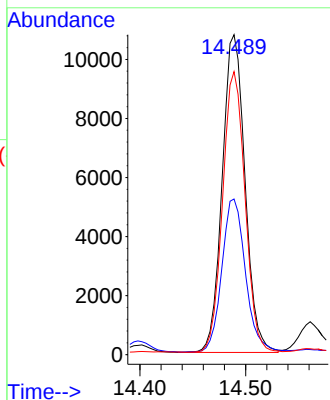
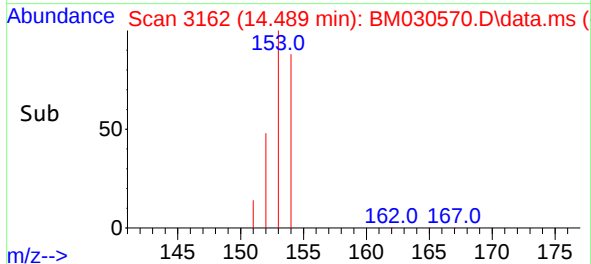
Instrument :
BNA_M
ClientSampled :
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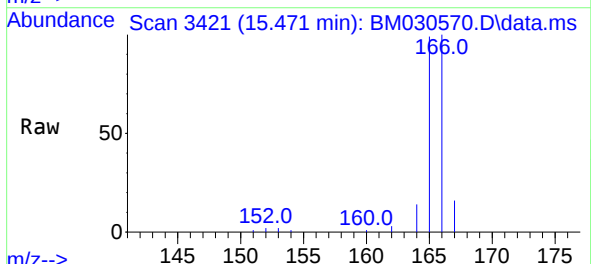
Tgt Ion:153 Resp: 16173
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.2
154 88.5 71.2 106.8

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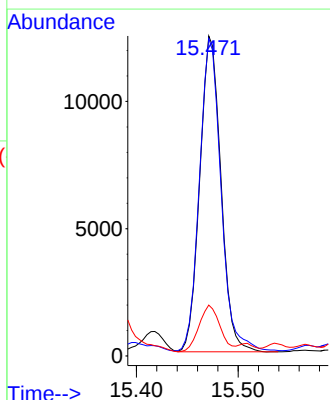
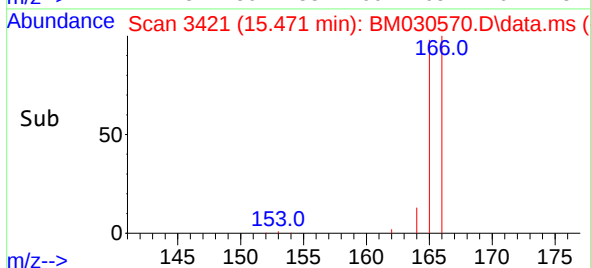
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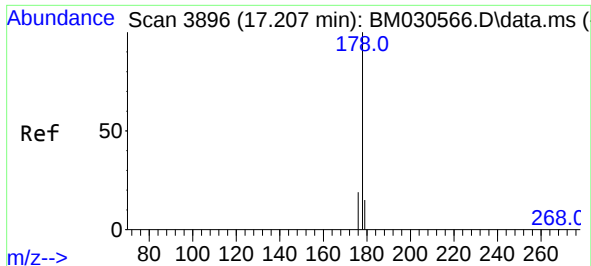


#12
Fluorene
Concen: 0.503 ng/u1
RT: 15.471 min Scan# 3421
Delta R.T. -0.011 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56



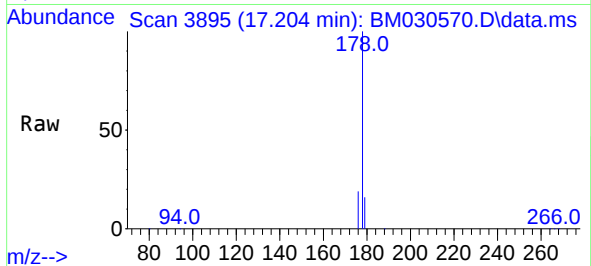
Tgt Ion:166 Resp: 17962
Ion Ratio Lower Upper
166 100
165 99.2 77.7 116.5
167 15.9 11.3 16.9





#15
Phenanthrene
Concen: 5.188 ng/ul
RT: 17.204 min Scan# 3895
Delta R.T. -0.004 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

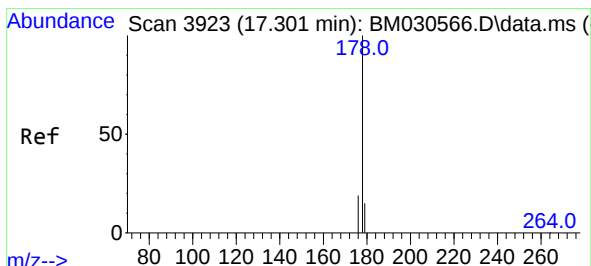
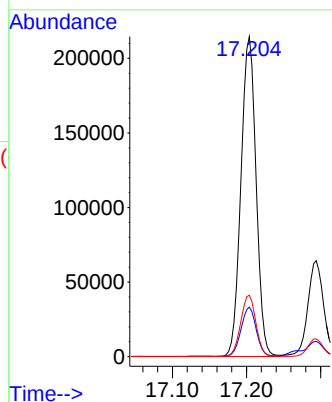
Instrument :
BNA_M
ClientSampled :
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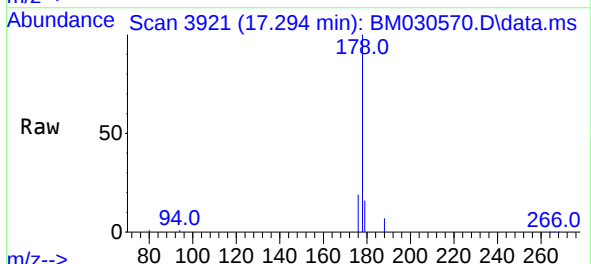
Tgt Ion:178 Resp: 305065
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.2 15.5 23.3

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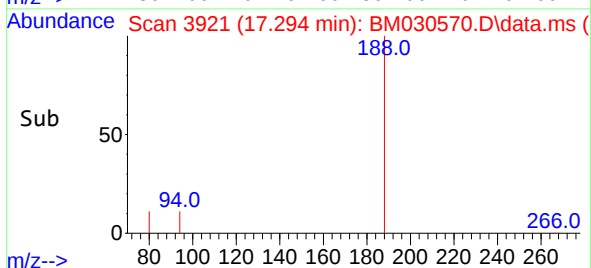
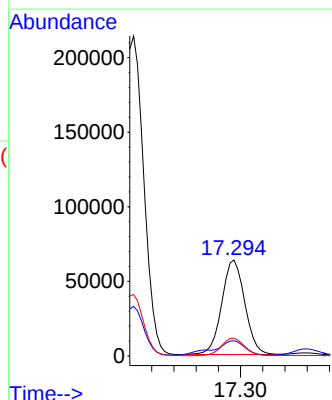
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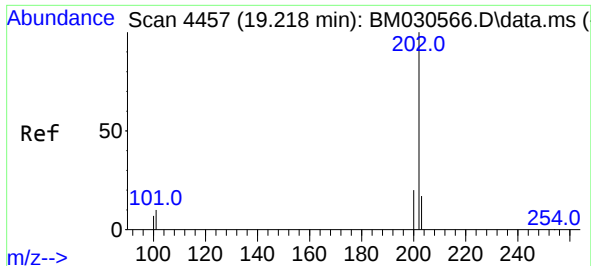


#16
Anthracene
Concen: 1.773 ng/ul
RT: 17.294 min Scan# 3921
Delta R.T. -0.007 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

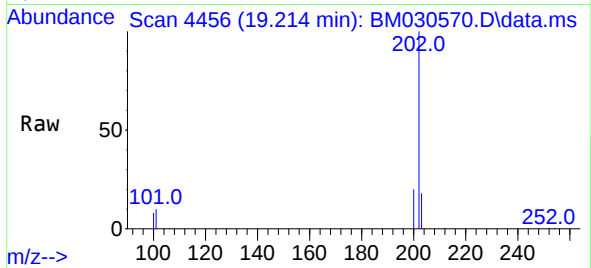


Tgt Ion:178 Resp: 91317
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.6 15.2 22.8

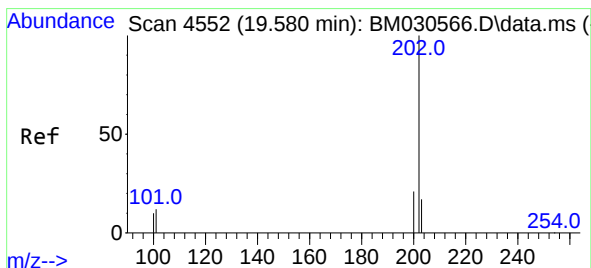
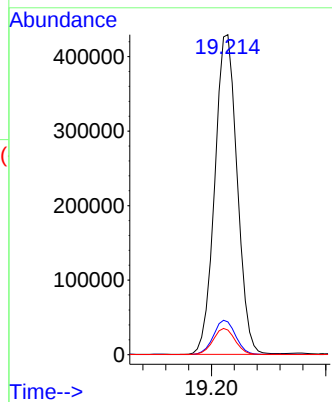
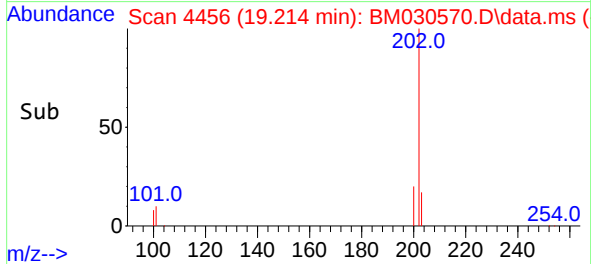




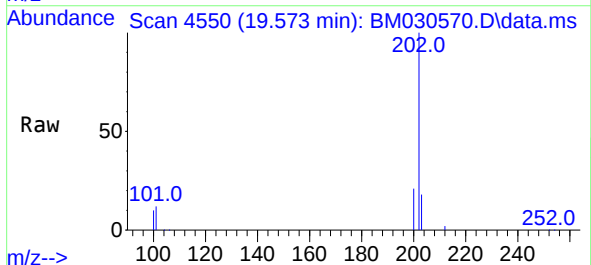
#19
Fluoranthene
Concen: 9.522 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. -0.004 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56



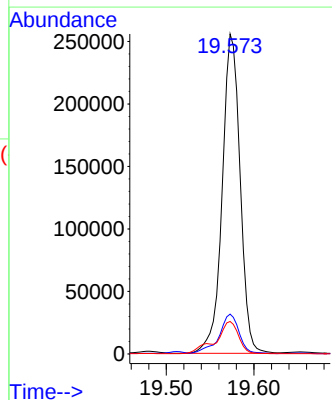
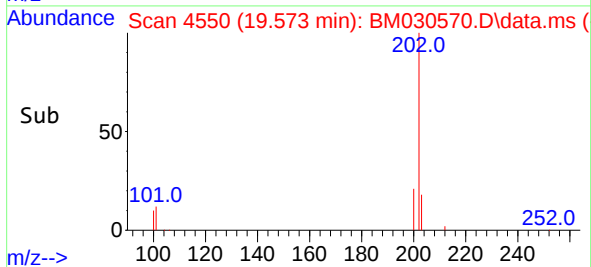
Tgt Ion:202 Resp: 583465
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 7.7 6.9 10.3



#20
Pyrene
Concen: 5.804 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.008 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56



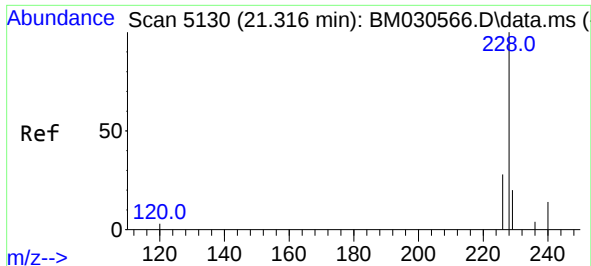
Tgt Ion:202 Resp: 364299
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 10.1 8.2 12.2



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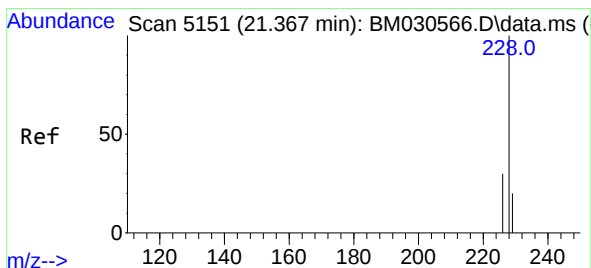
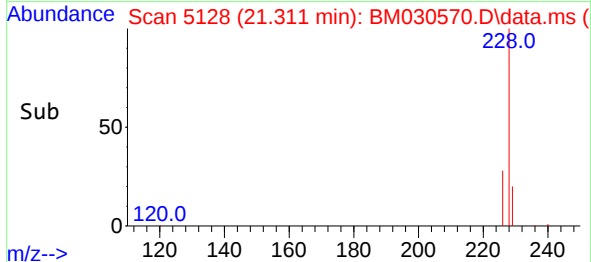
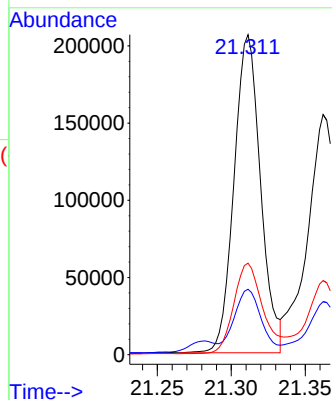
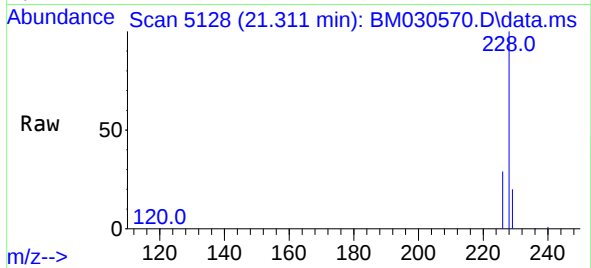
#21
Benzo(a)anthracene
Concen: 4.850 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.005 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

Tgt Ion:228 Resp: 256774
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.6 22.2 33.4

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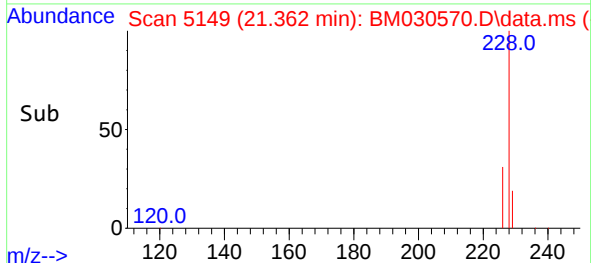
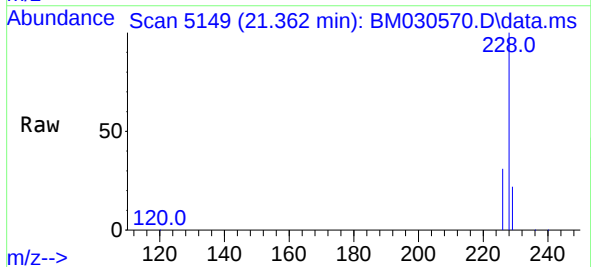
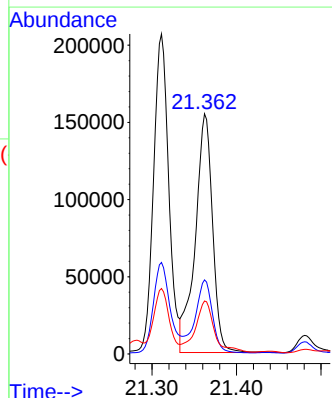
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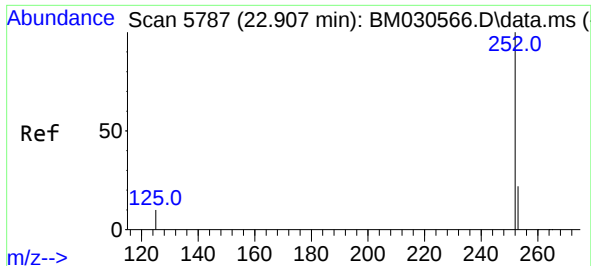
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#22
Chrysene
Concen: 3.749 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.007 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

Tgt Ion:228 Resp: 220332
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 22.1 15.4 23.0





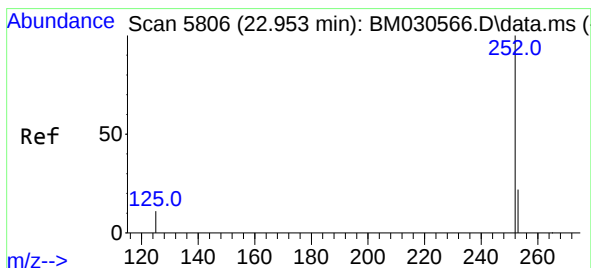
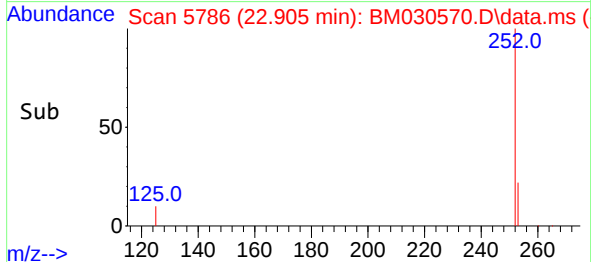
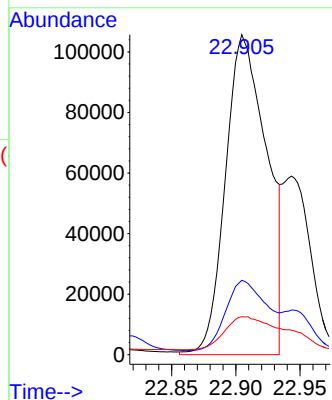
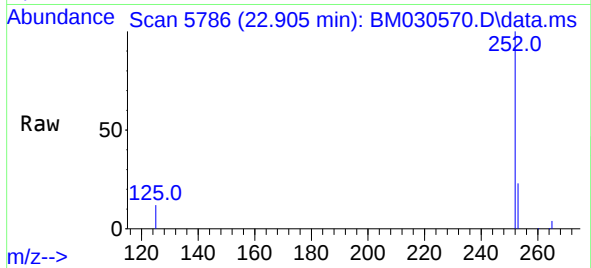
#24
Benzo(b)fluoranthene
Concen: 5.075 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.005 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

Tgt Ion:252 Resp: 236078
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 11.8 0.0 27.8

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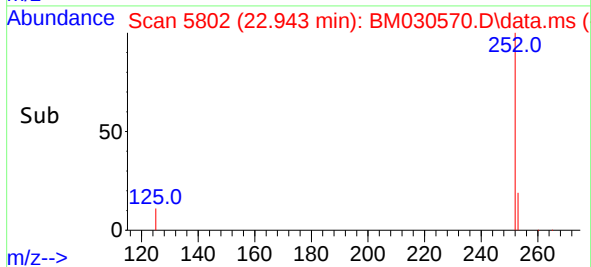
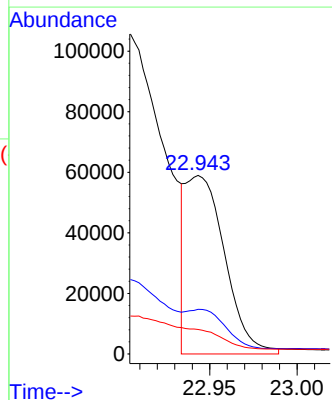
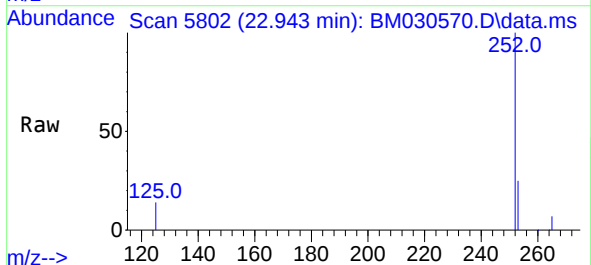
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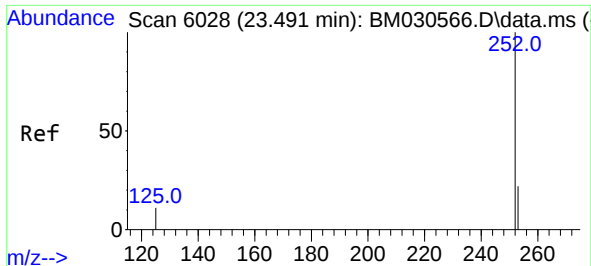
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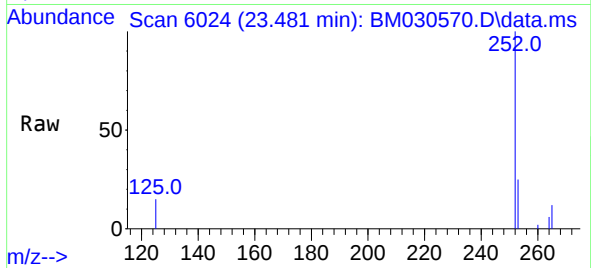
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Benzo(k)fluoranthene
Concen: 1.887 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

Tgt Ion:252 Resp: 92072
Ion Ratio Lower Upper
252 100
253 25.0 20.6 31.0
125 13.7 11.0 16.4

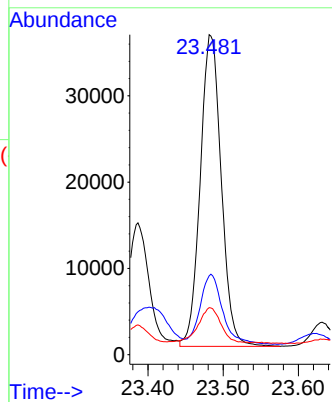
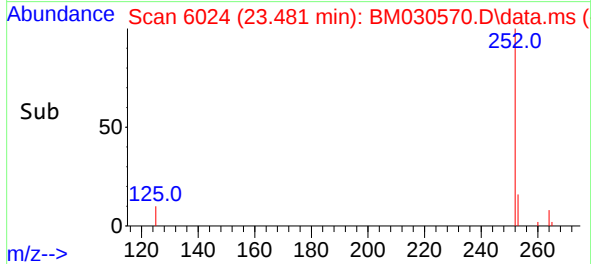




#26
Benzo(a)pyrene
Concen: 1.696 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.012 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56



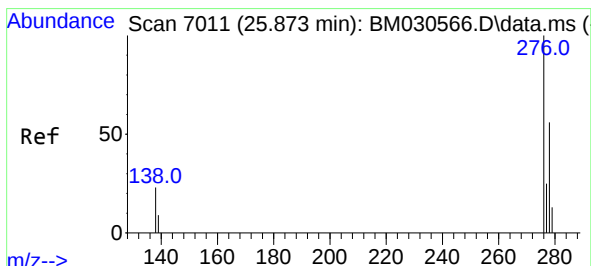
Tgt Ion:252 Resp: 70022
Ion Ratio Lower Upper
252 100
253 24.6 22.0 33.0
125 14.7 13.4 20.2



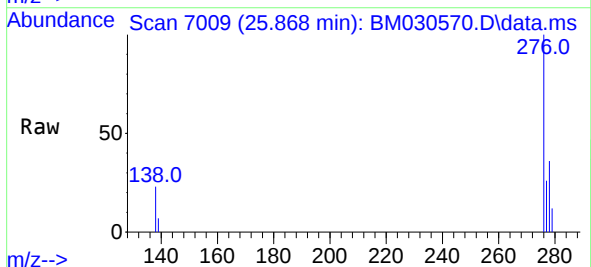
Instrument :
BNA_M
ClientSampleId :
BGD97

Manual Integrations
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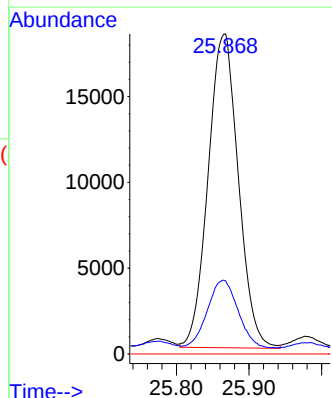
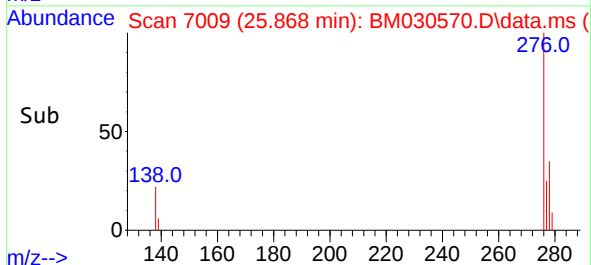
mohammad
6/24/2021 2:55:47 PM

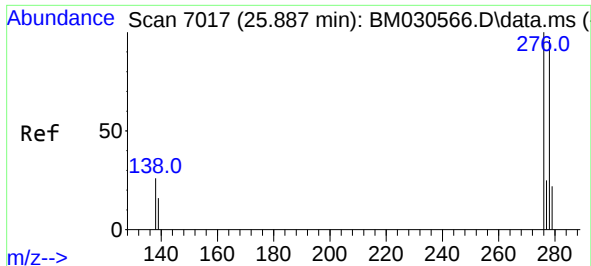


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.008 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.012 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56



Tgt Ion:276 Resp: 52905
Ion Ratio Lower Upper
276 100
138 22.0 19.1 28.7
227 0.0 0.0 0.0





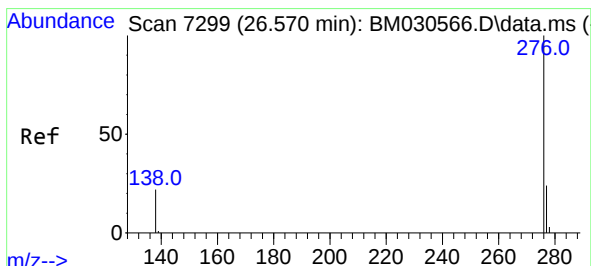
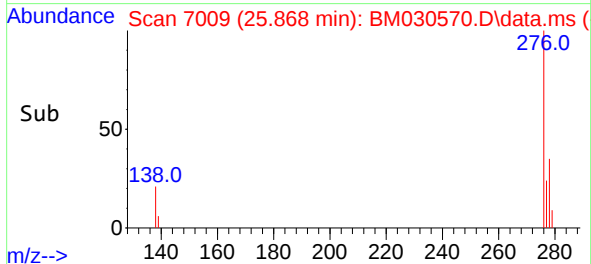
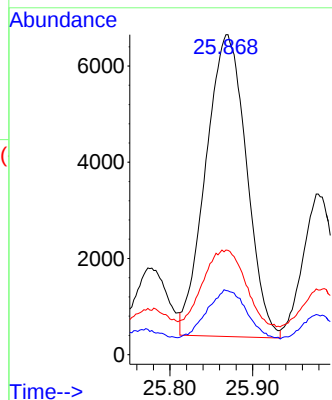
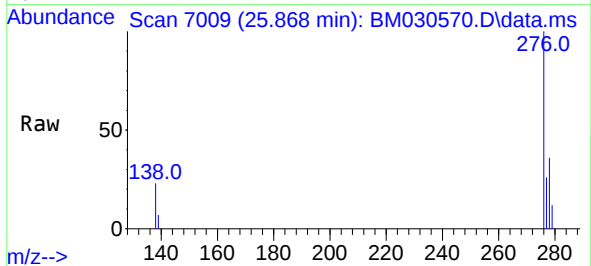
#28
Dibenzo(a,h)anthracene
Concen: 0.512 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.027 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

Tgt Ion: 278 Resp: 21442
Ion Ratio Lower Upper
278 100
139 20.0 14.2 21.4
279 32.7 21.6 32.4#

Instrument :
BNA_M
ClientSampled :
BGD97

Manual Integrations
APPROVED

mohammad
6/24/2021 2:55:47 PM



#29
Benzo(g,h,i)perylene
Concen: 0.047 ng/ul
RT: 26.568 min Scan# 7298
Delta R.T. -0.015 min
Lab File: BM030570.D
Acq: 24 Jun 2021 11:56

Tgt Ion: 276 Resp: 2142
Ion Ratio Lower Upper
276 100
138 51.8 18.0 27.0#
277 49.1 19.5 29.3#

