

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081121\
 Data File : BM031657.D
 Acq On : 11 Aug 2021 12:28
 Operator : CG/JU
 Sample : M3169-13DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B2DL

Manual Integrations
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Quant Time: Aug 11 13:06:20 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 : Wed Aug 11 11:28:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1575	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	6091	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.208	164	3474	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	6520	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.156	240	4977	0.400	ng/ul	# 0.00
23) Perylene-d12	23.316	264	4864	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	743	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	342	0.033	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	607	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	1403	0.077	ng/ul#	90
7) 2-Methylnaphthalene	12.011	142	1121	0.090	ng/ul	100
8) 1-Methylnaphthalene	12.227	142	680	0.056	ng/ul	100
10) Acenaphthylene	13.932	152	1497	0.101	ng/ul#	89
11) Acenaphthene	14.273	153	367	0.029	ng/ul	94
12) Fluorene	15.262	166	643	0.045	ng/ul#	95
15) Phenanthrene	16.999	178	15535	0.750	ng/ul	99
16) Anthracene	17.093	178	2794	0.144	ng/ul	96
19) Fluoranthene	19.024	202	43018	2.024	ng/ul	99
20) Pyrene	19.386	202	35307	1.638	ng/ul	97
21) Benzo(a)anthracene	21.142	228	16200	0.806	ng/ul	97
22) Chrysene	21.193	228	20323	0.977	ng/ul	98
24) Benzo(b)fluoranthene	22.674	252	30409m	1.388	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	10540m	0.465	ng/ul	
26) Benzo(a)pyrene	23.220	252	16797	0.875	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.446	276	13292	0.536	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.456	278	3165	0.158	ng/ul#	75
29) Benzo(g,h,i)perylene	26.100	276	3602	0.170	ng/ul#	85

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

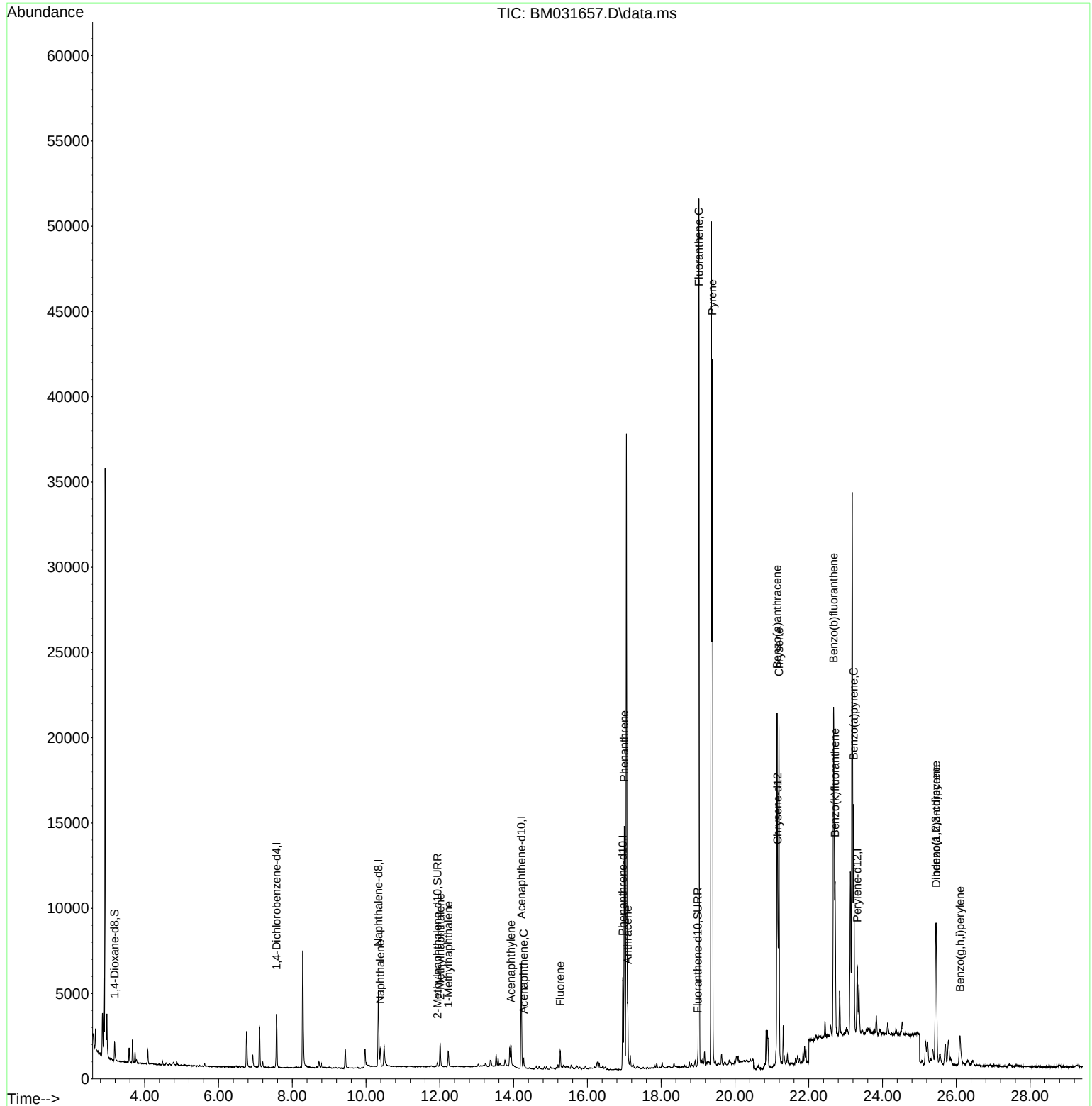
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Data File : BM031657.D
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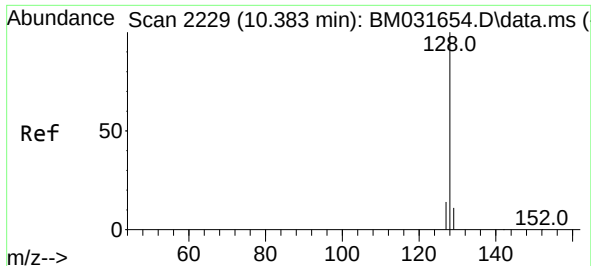
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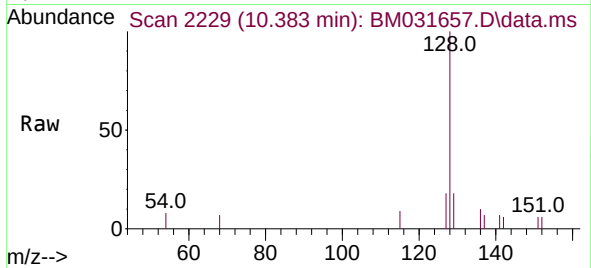
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Quant Time: Aug 11 13:06:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 11:28:24 2021
Response via : Initial Calibration

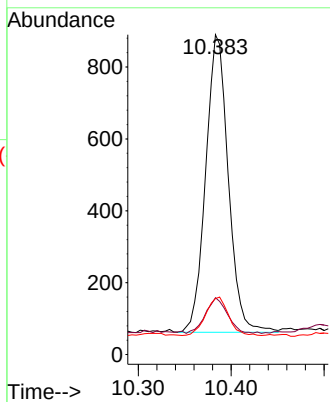
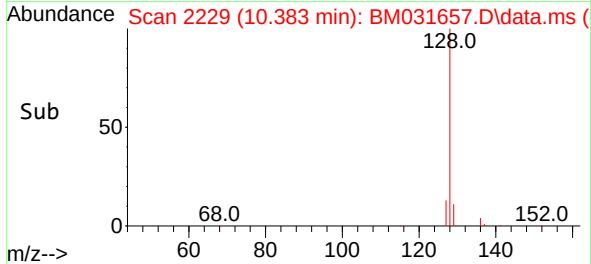




#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



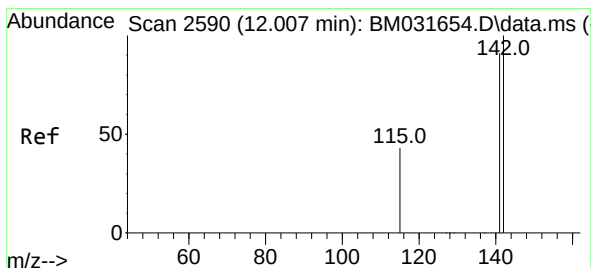
Tgt Ion:128 Resp: 1403
Ion Ratio Lower Upper
128 100
129 17.8 10.0 15.0#
127 17.5 11.6 17.4#



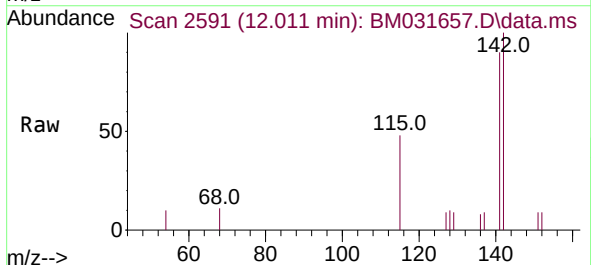
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BNA_M
ClientSampleId :
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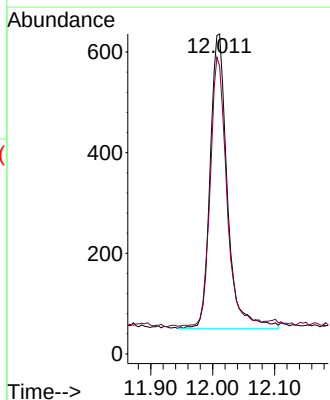
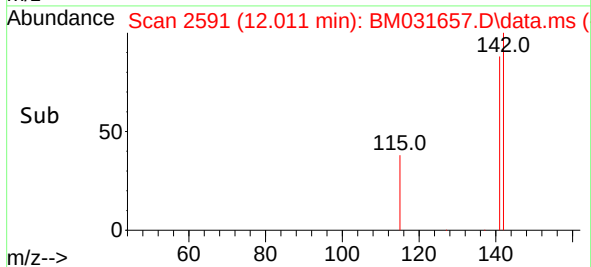
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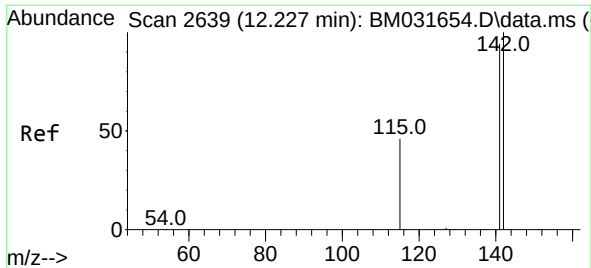


#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.011 min Scan# 2591
Delta R.T. 0.005 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



Tgt Ion:142 Resp: 1121
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0





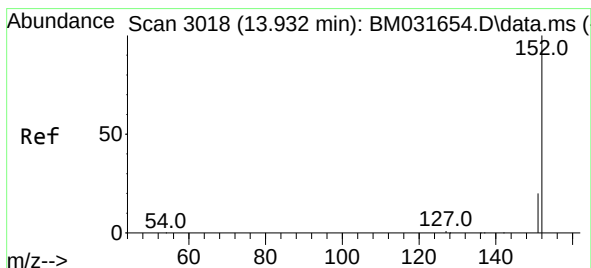
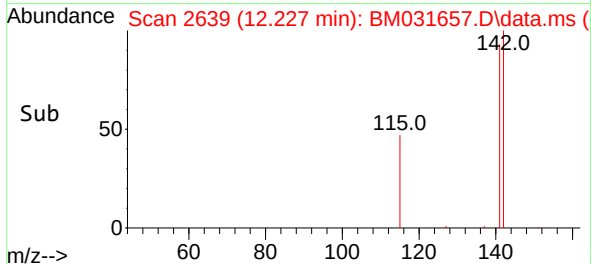
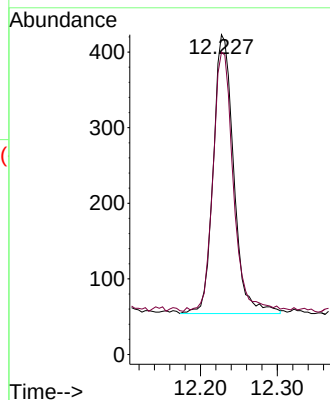
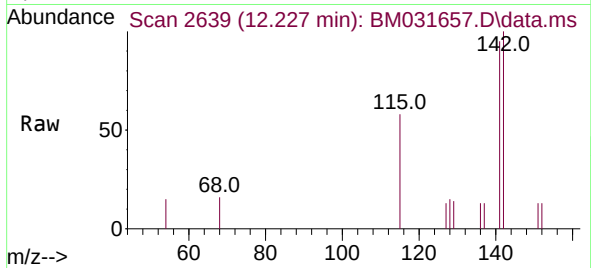
#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.000 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:142 Resp: 680
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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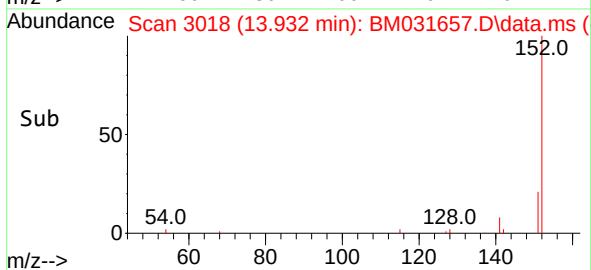
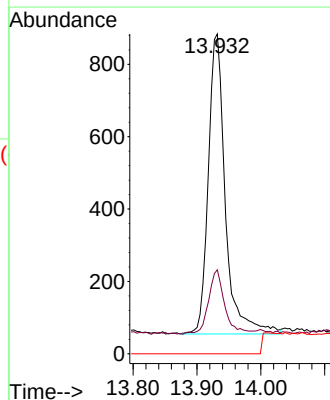
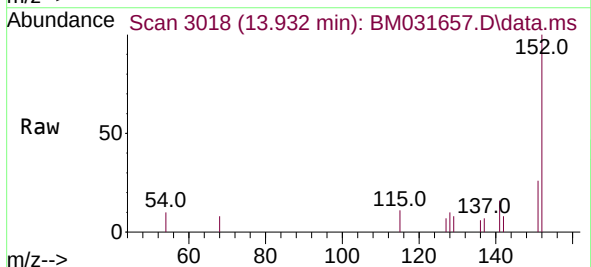
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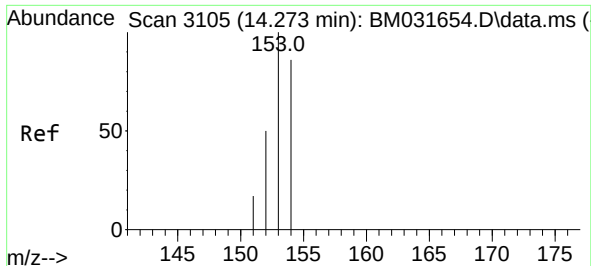
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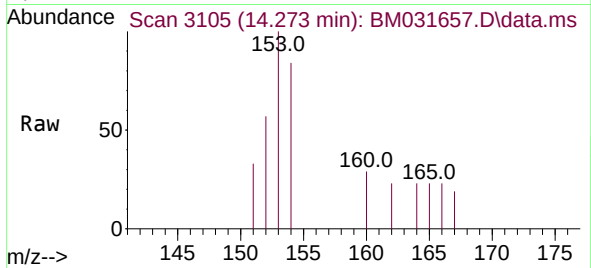
#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.000 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:152 Resp: 1497
Ion Ratio Lower Upper
152 100
151 26.2 16.9 25.3#
153 0.0 0.0 0.0

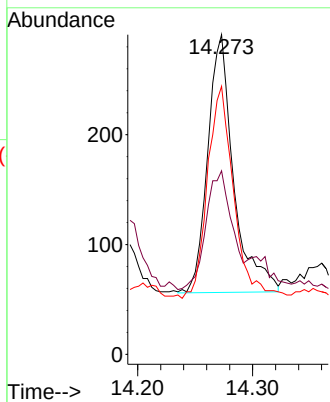
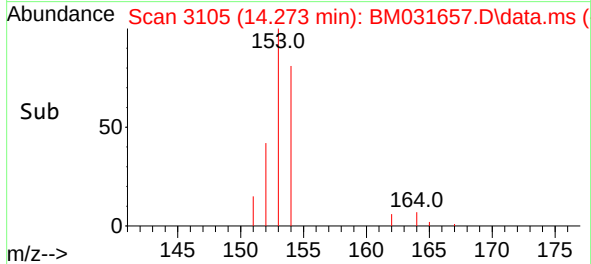




#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.273 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



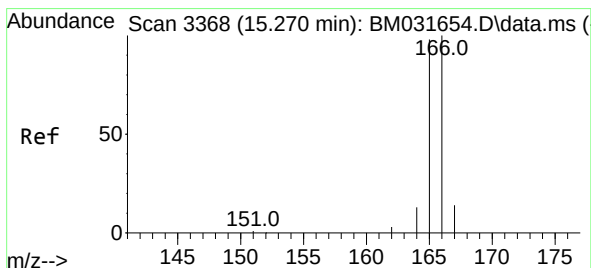
Tgt Ion:153 Resp: 367
Ion Ratio Lower Upper
153 100
152 57.4 40.7 61.1
154 83.8 70.2 105.2



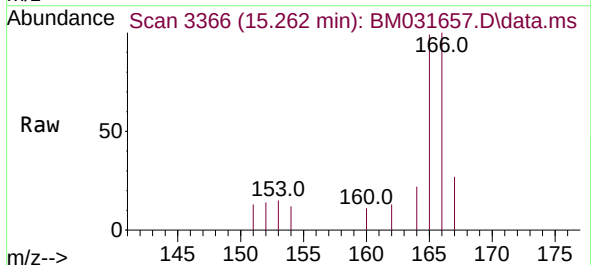
Instrument :
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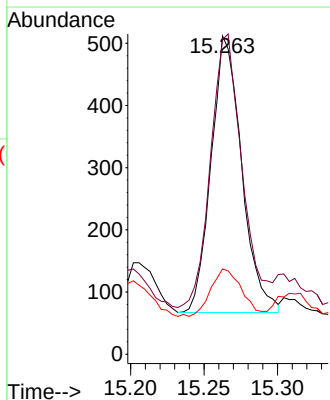
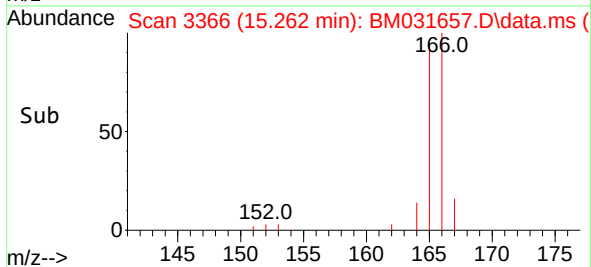
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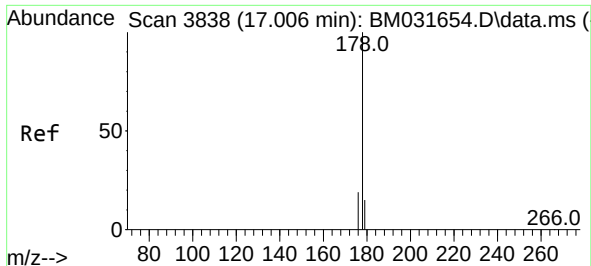


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.262 min Scan# 3366
Delta R.T. -0.008 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



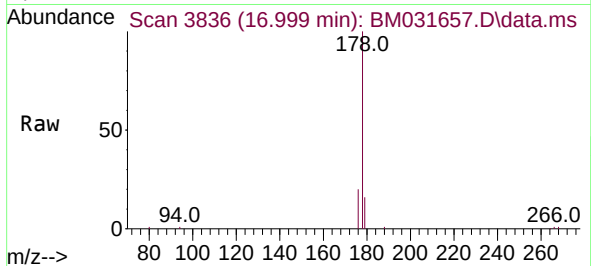
Tgt Ion:166 Resp: 643
Ion Ratio Lower Upper
166 100
165 98.8 78.0 117.0
167 26.8 12.0 18.0#





#15
Phenanthrene
Concen: 0.750 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.007 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

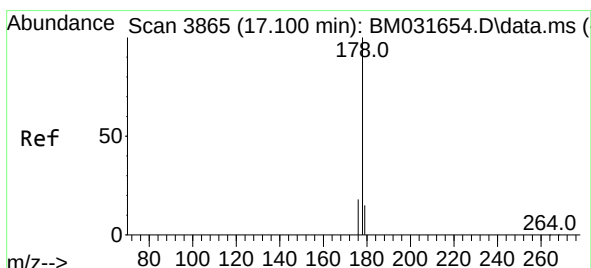
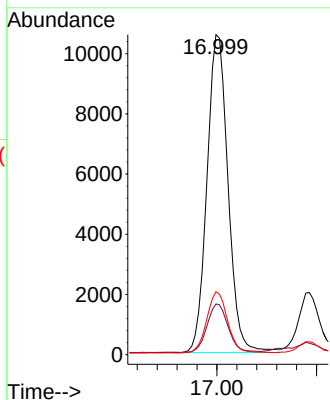
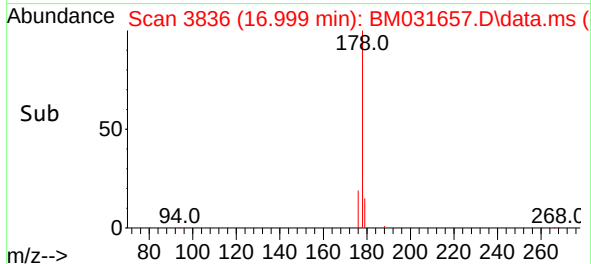
Instrument :
BNA_M
ClientSampleId :
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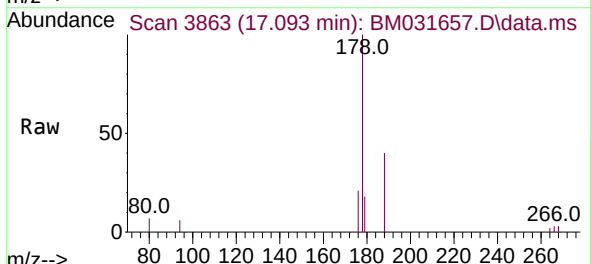
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.3	19.9
176	19.7	16.2	24.4

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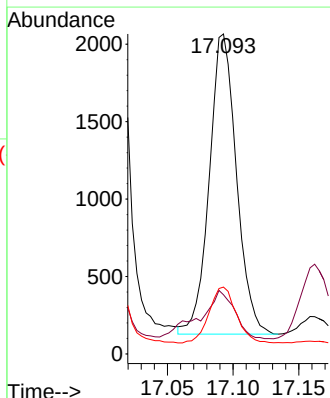
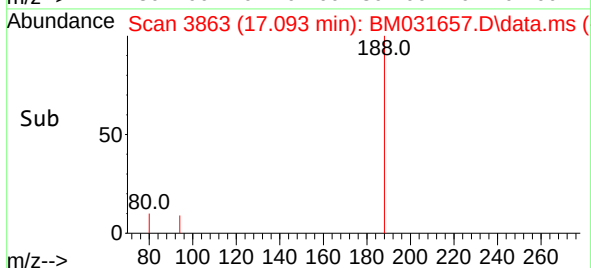
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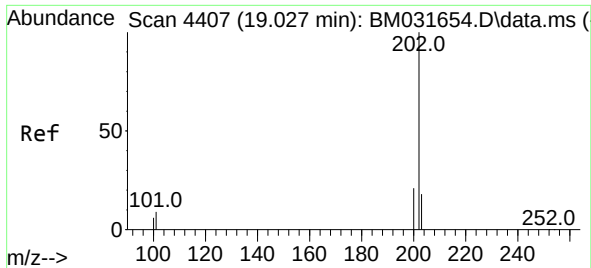


#16
Anthracene
Concen: 0.144 ng/ul
RT: 17.093 min Scan# 3863
Delta R.T. -0.007 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.0	19.6
176	20.9	15.6	23.4





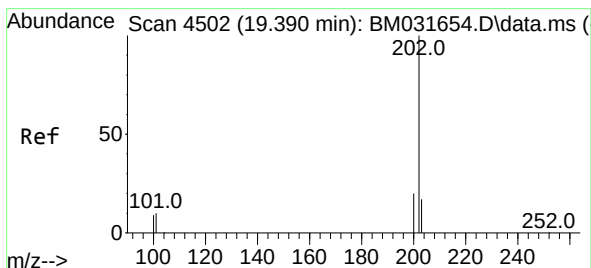
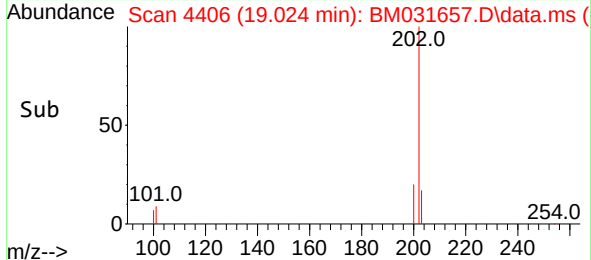
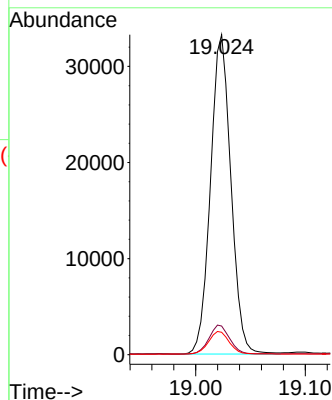
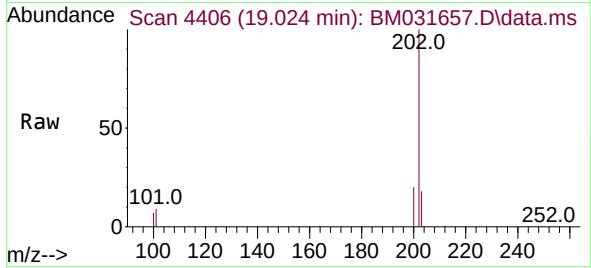
#19
Fluoranthene
Concen: 2.024 ng/ul
RT: 19.024 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:	202	Resp:	43018
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.6	10.0
100	7.0	5.4	8.0

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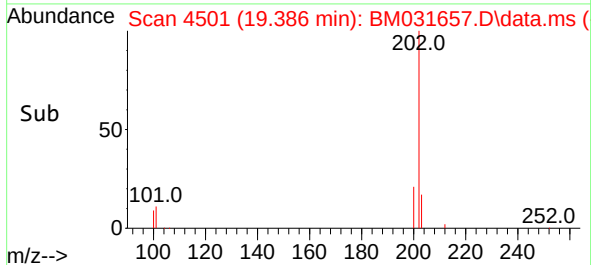
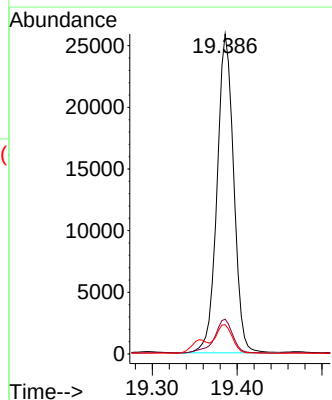
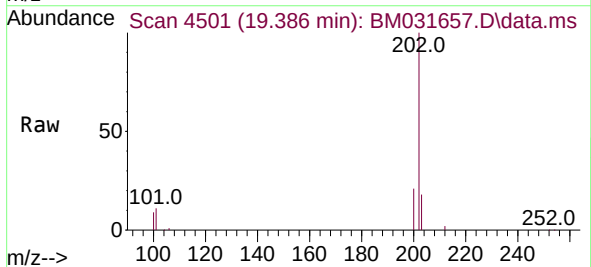
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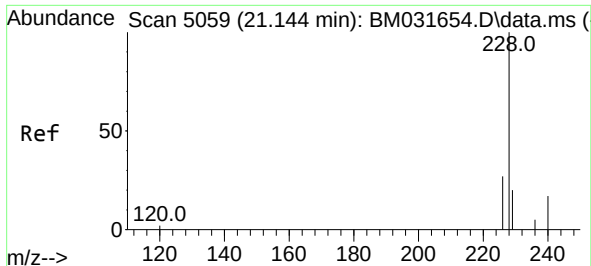
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#20
Pyrene
Concen: 1.638 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:	202	Resp:	35307
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.1	6.6	10.0





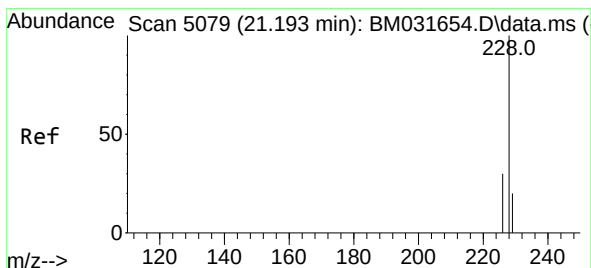
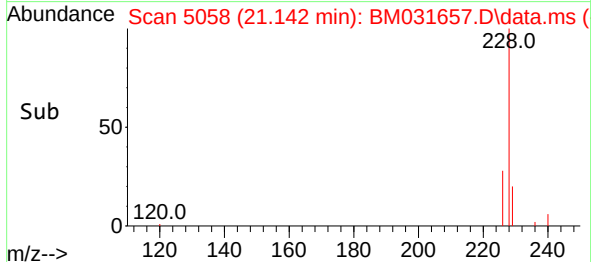
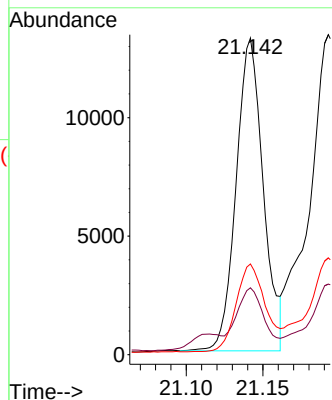
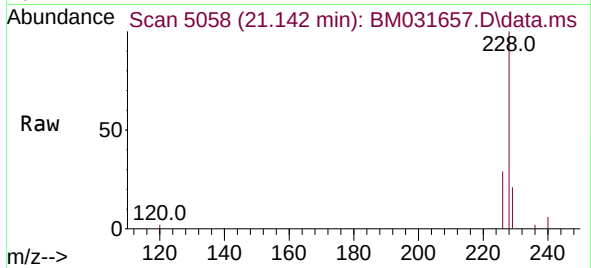
#21
Benzo(a)anthracene
Concen: 0.806 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.002 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:228	Resp:	16200
Ion Ratio	Lower	Upper
228	100	
229	21.1	15.6 23.4
226	28.6	21.7 32.5

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C00B2DL

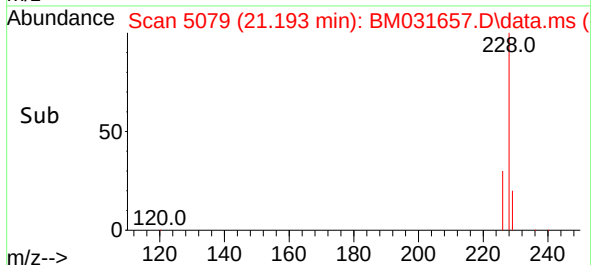
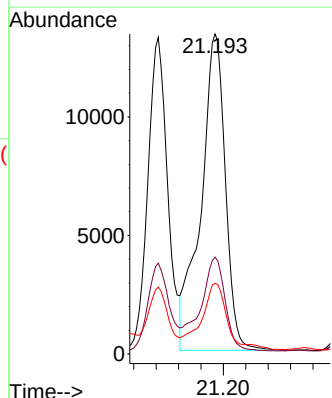
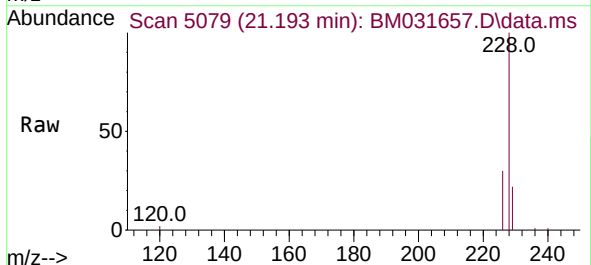
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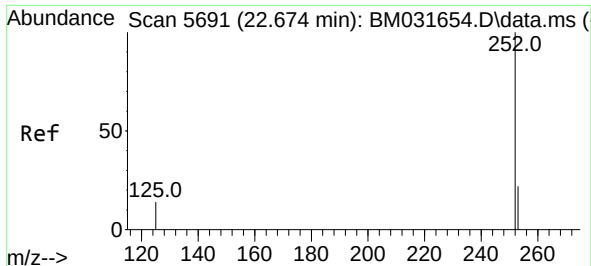
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#22
Chrysene
Concen: 0.977 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. 0.000 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:228	Resp:	20323
Ion Ratio	Lower	Upper
228	100	
226	30.2	24.7 37.1
229	22.1	16.2 24.2





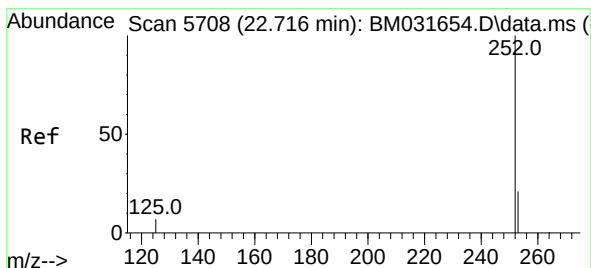
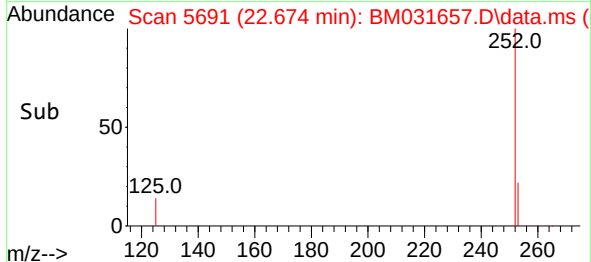
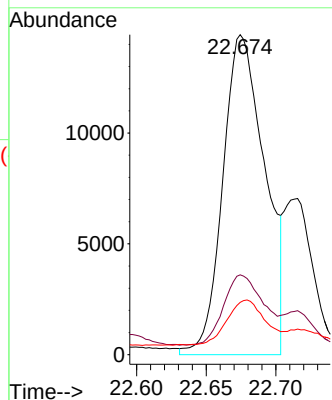
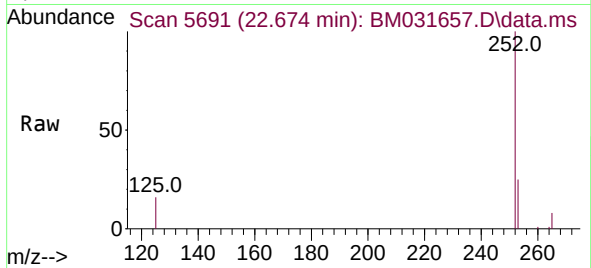
#24
Benzo(b)fluoranthene
Concen: 1.388 ng/ul m
RT: 22.674 min Scan# 5691
Delta R.T. 0.000 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:252 Resp: 30409
Ion Ratio Lower Upper
252 100
253 25.0 0.0 53.0
125 16.3 0.0 22.8

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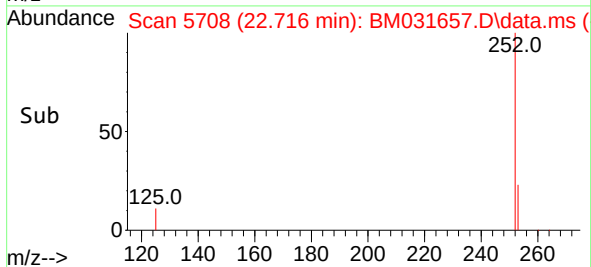
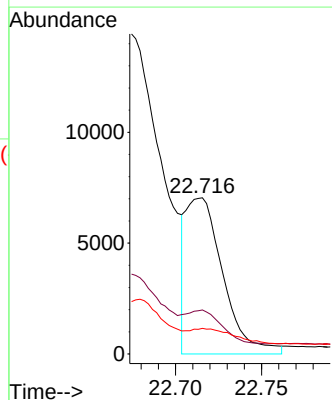
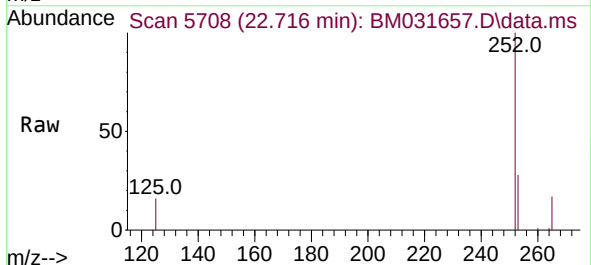
Manual Integrations
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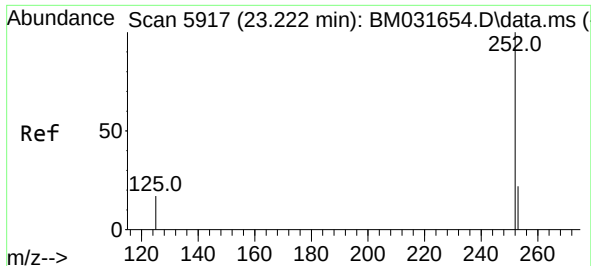
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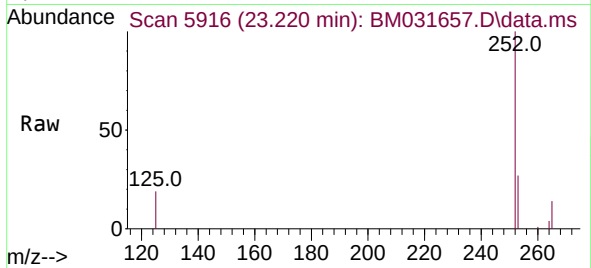
#25
Benzo(k)fluoranthene
Concen: 0.465 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. 0.000 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28

Tgt Ion:252 Resp: 10540
Ion Ratio Lower Upper
252 100
253 28.2 21.3 31.9
125 16.4 8.8 13.2#

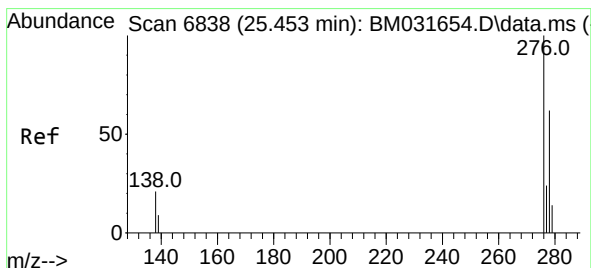
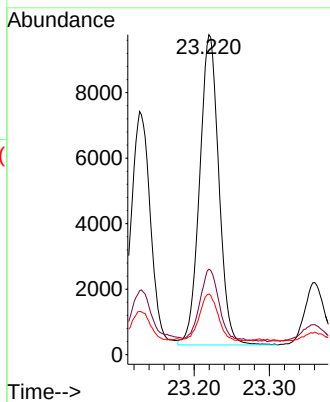
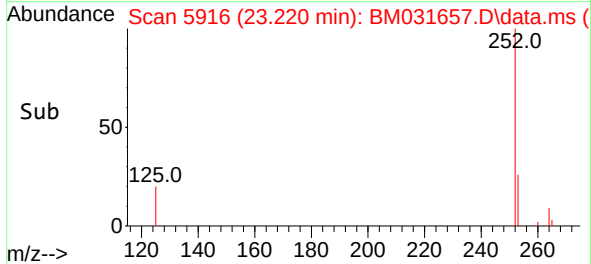




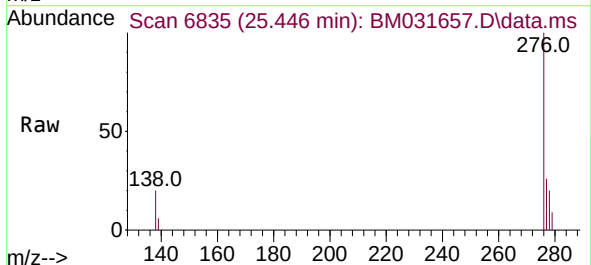
#26
Benzo(a)pyrene
Concen: 0.875 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.002 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



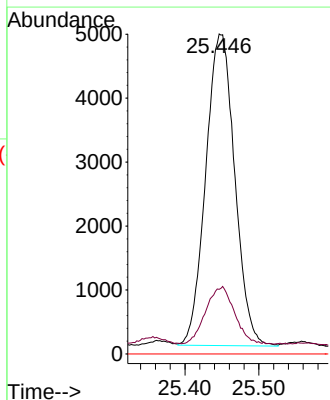
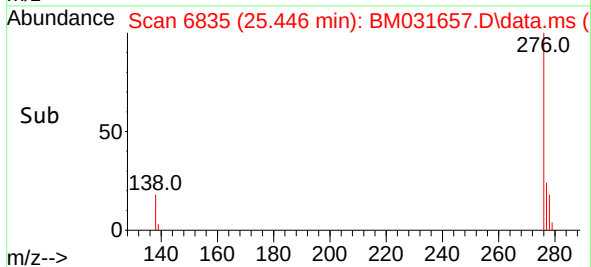
Tgt Ion:252 Resp: 16797
Ion Ratio Lower Upper
252 100
253 26.7 22.4 33.6
125 18.9 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.536 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.007 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



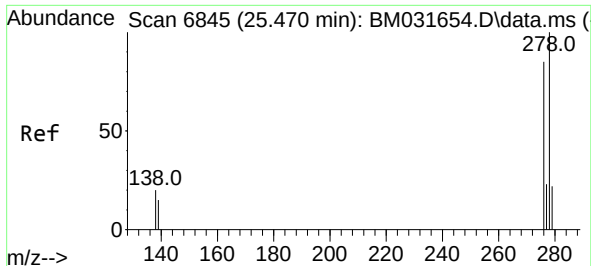
Tgt Ion:276 Resp: 13292
Ion Ratio Lower Upper
276 100
138 18.3 15.8 23.8
227 0.0 0.0 0.0



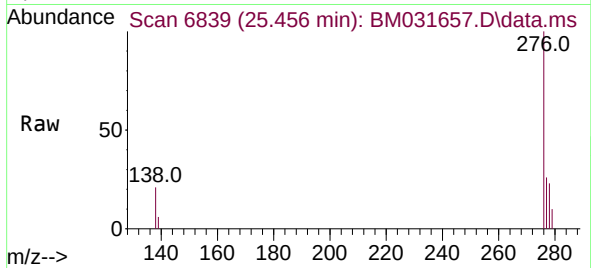
Instrument :
BNA_M
ClientSampled :
C00B2DL

Manual Integrations
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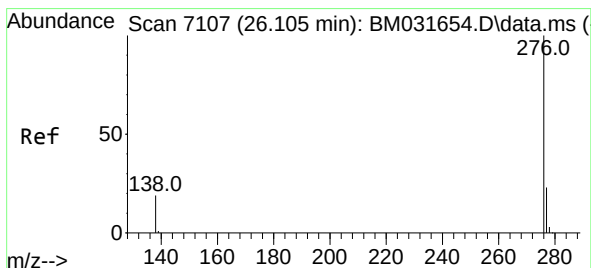
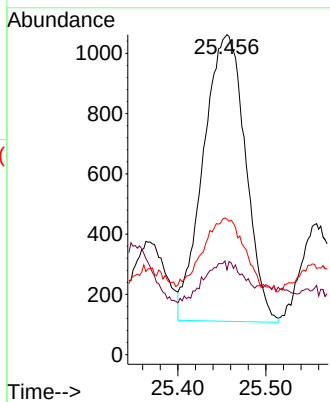
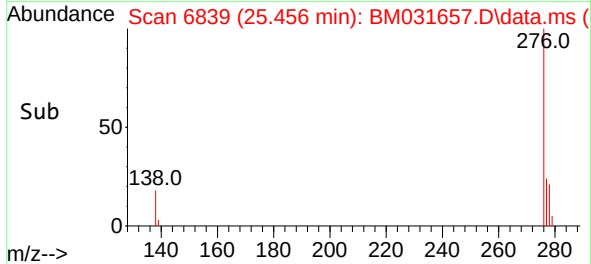
mohammad
8/12/2021 1:35:48 PM



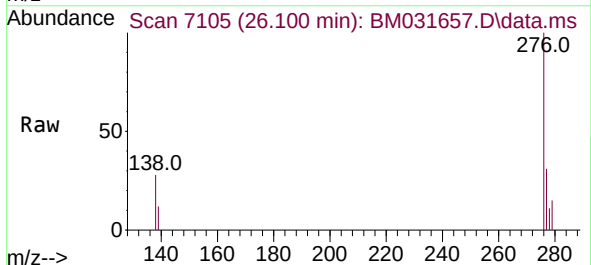
#28
Dibenzo(a,h)anthracene
Concen: 0.158 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.014 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



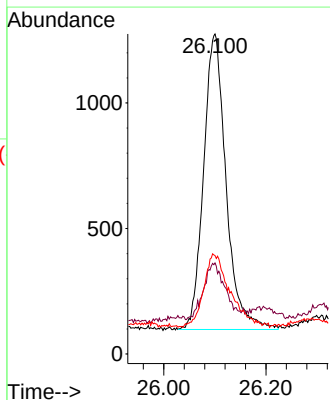
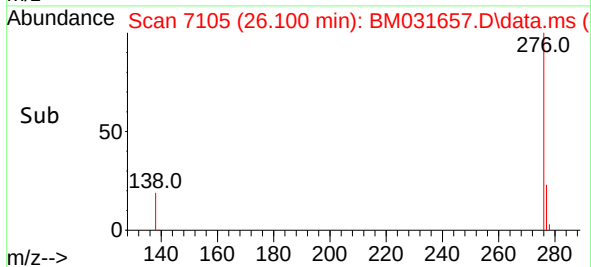
Tgt Ion: 278 Resp: 3165
Ion Ratio Lower Upper
278 100
139 26.6 13.3 19.9#
279 42.3 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.170 ng/ul
RT: 26.100 min Scan# 7105
Delta R.T. -0.005 min
Lab File: BM031657.D
Acq: 11 Aug 2021 12:28



Tgt Ion: 276 Resp: 3602
Ion Ratio Lower Upper
276 100
138 28.5 15.4 23.2#
277 30.7 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C00B2DL

Manual Integrations
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