

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031730.D
 Acq On : 14 Aug 2021 01:14
 Operator : CG/JU
 Sample : M3208-07DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E7DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:41 AM

Quant Time: Aug 14 02:21:40 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 : Sat Aug 14 00:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	1426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	5299	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2879	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	5592	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.147	240	4814	0.400	ng/ul	#-0.01
23) Perylene-d12	23.300	264	4638	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	1078	0.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	269	0.030	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	541	0.034	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	2000	0.127	ng/ul	94
7) 2-Methylnaphthalene	11.998	142	1850	0.172	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	1122	0.105	ng/ul	98
10) Acenaphthylene	13.923	152	1434	0.117	ng/ul#	90
11) Acenaphthene	14.262	153	291	0.028	ng/ul#	91
12) Fluorene	15.255	166	686	0.058	ng/ul#	90
15) Phenanthrene	16.992	178	14817	0.834	ng/ul	98
16) Anthracene	17.086	178	2278	0.137	ng/ul#	95
19) Fluoranthene	19.016	202	16908	0.823	ng/ul	98
20) Pyrene	19.378	202	13858	0.665	ng/ul#	95
21) Benzo(a)anthracene	21.132	228	7002	0.360	ng/ul#	92
22) Chrysene	21.183	228	8911	0.443	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	9929m	0.475	ng/ul	
25) Benzo(k)fluoranthene	22.699	252	3290m	0.152	ng/ul	
26) Benzo(a)pyrene	23.208	252	5753	0.314	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.429	276	4361	0.184	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.432	278	1163	0.061	ng/ul#	36
29) Benzo(g,h,i)perylene	26.081	276	859	0.043	ng/ul#	53

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

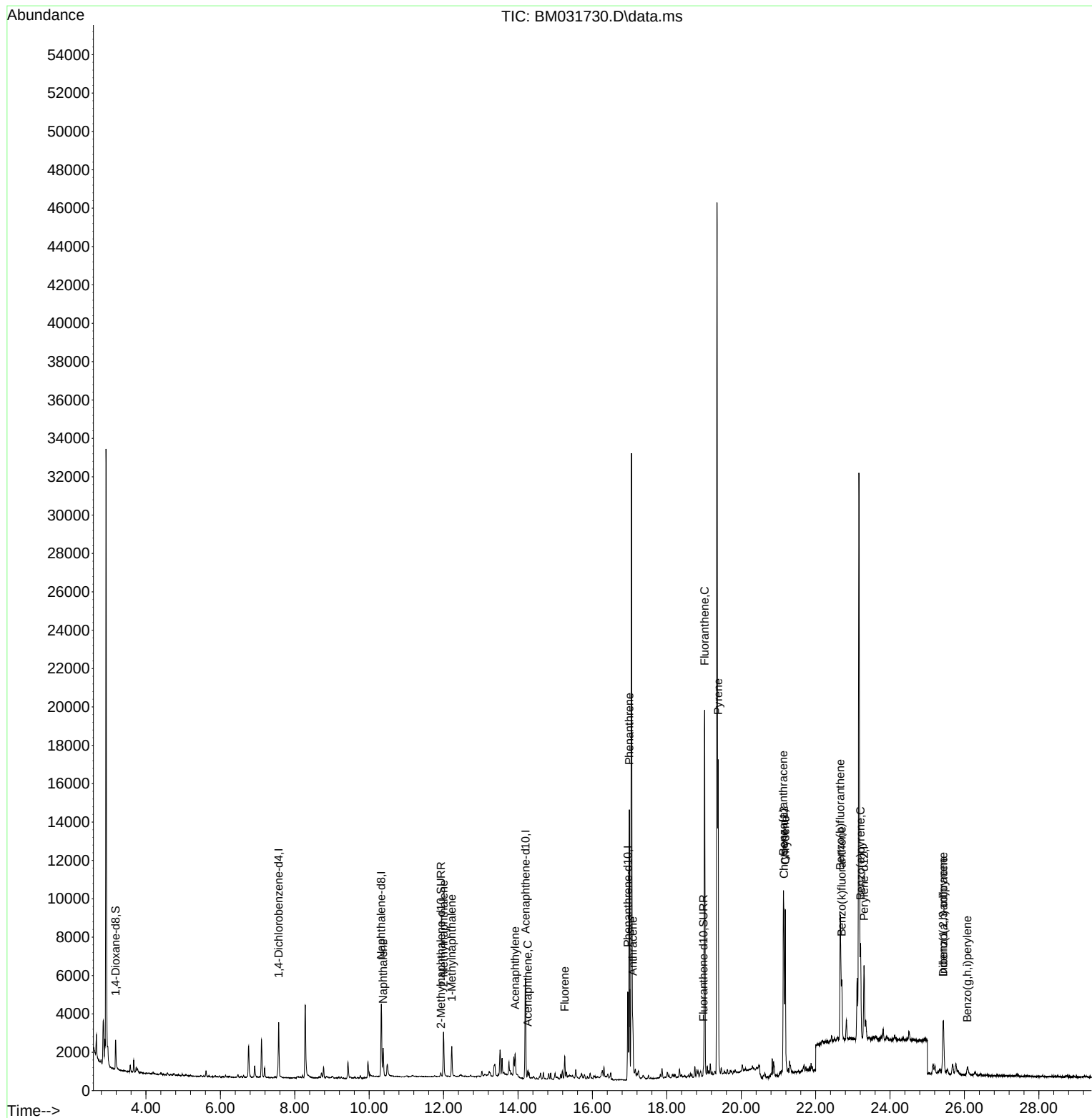
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031730.D
Acq On : 14 Aug 2021 01:14
Operator : CG/JU
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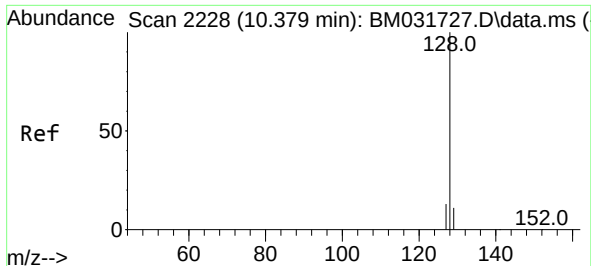
Instrument :
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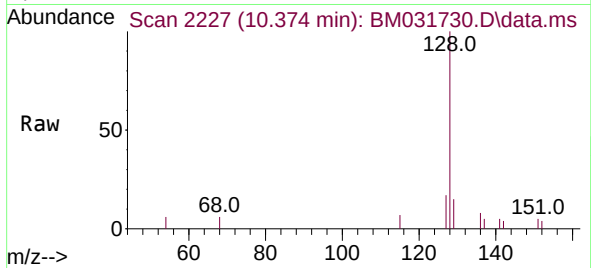
mohammad
8/16/2021 8:40:41 AM

Quant Time: Aug 14 02:21:40 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 : Sat Aug 14 00:52:50 2021
Response via : Initial Calibration

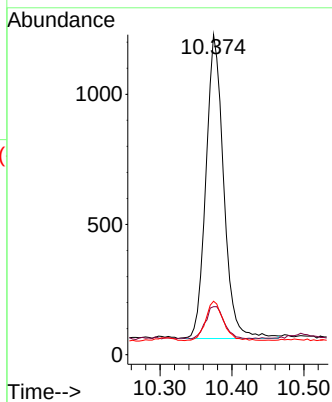
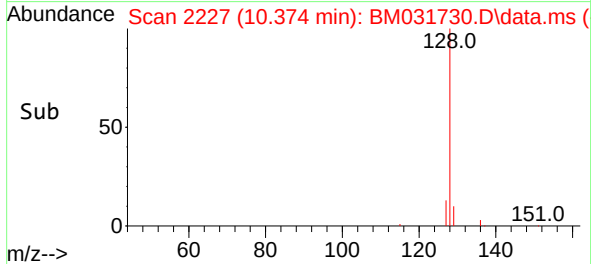




#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14



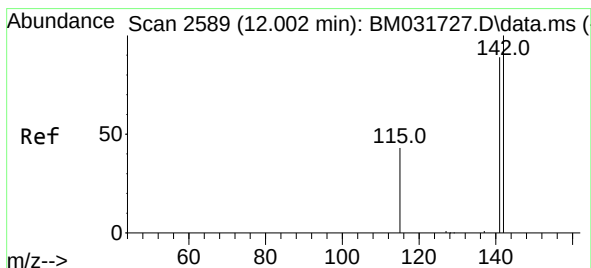
Tgt Ion:128 Resp: 2000
Ion Ratio Lower Upper
128 100
129 15.0 10.0 15.0
127 16.7 11.6 17.4



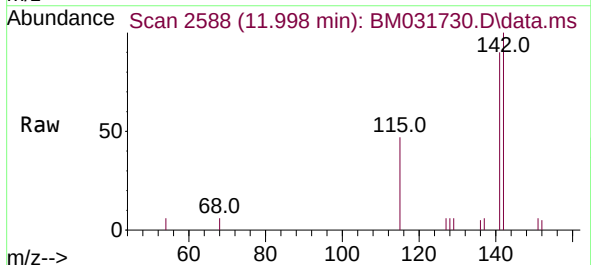
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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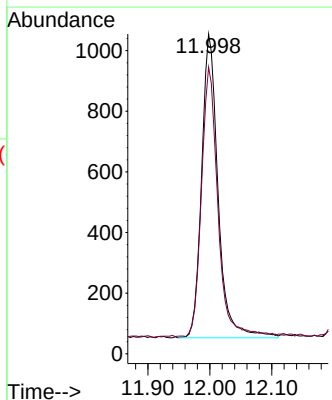
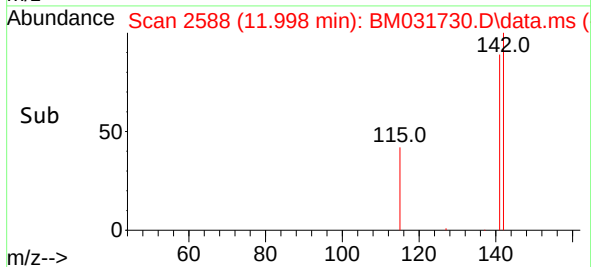
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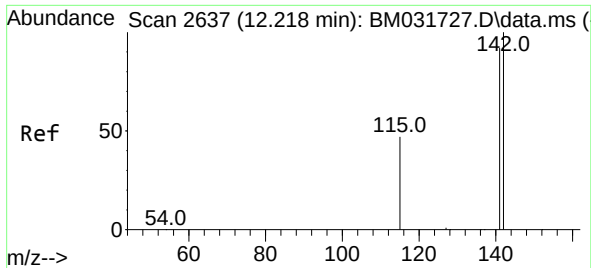


#7
2-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14



Tgt Ion:142 Resp: 1850
Ion Ratio Lower Upper
142 100
141 87.7 71.4 107.0





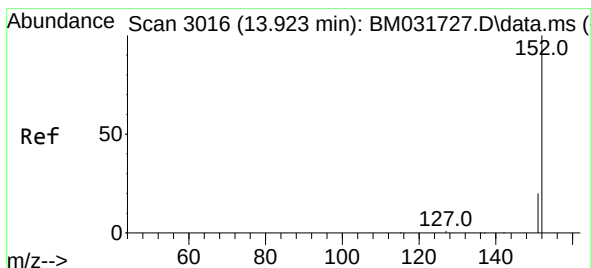
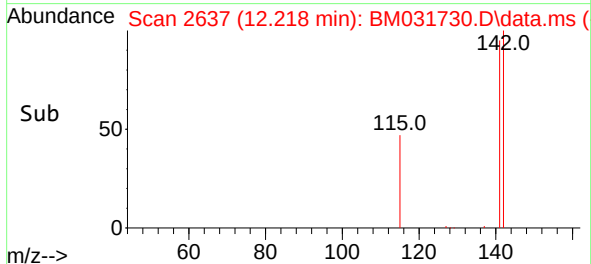
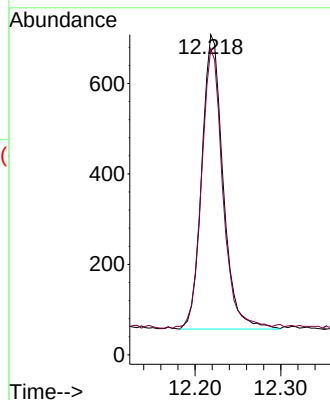
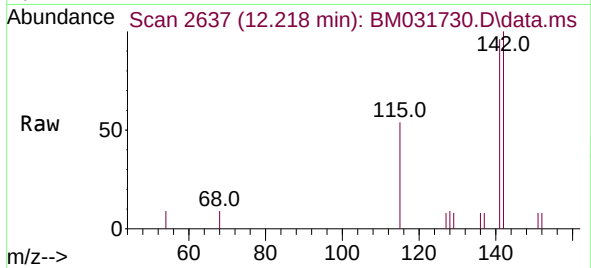
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1-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:142 Resp: 1122
Ion Ratio Lower Upper
142 100
141 94.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00E7DL

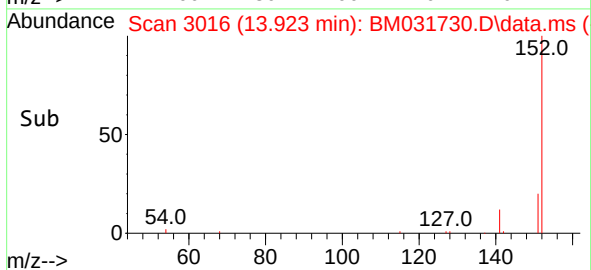
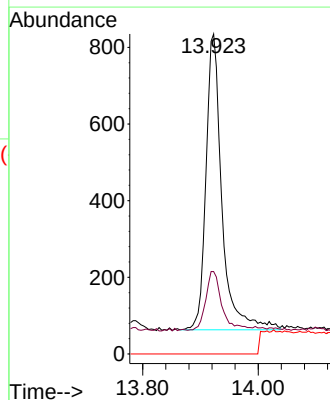
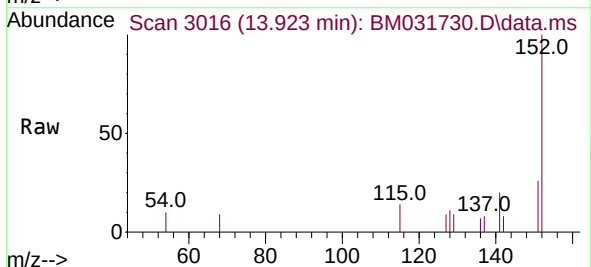
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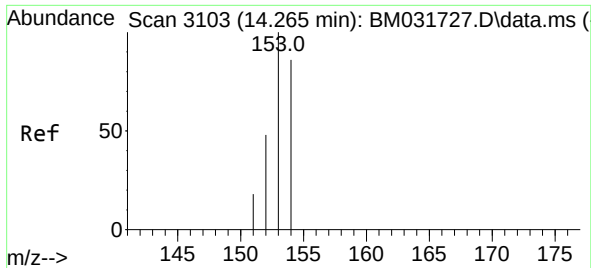
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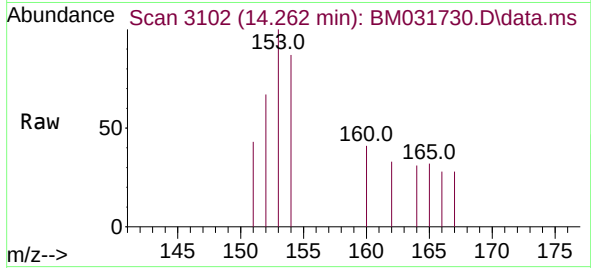
#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:152 Resp: 1434
Ion Ratio Lower Upper
152 100
151 25.7 16.9 25.3#
153 0.0 0.0 0.0

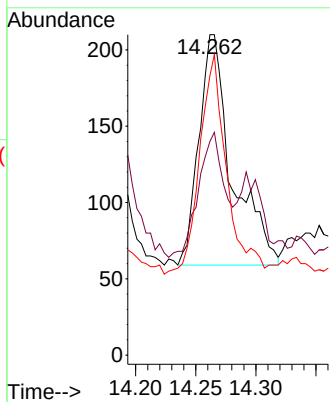
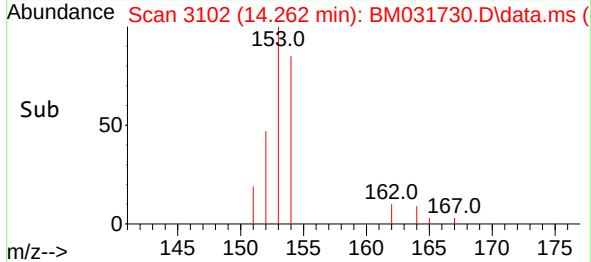




#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.262 min Scan# 3102
Delta R.T. -0.011 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14



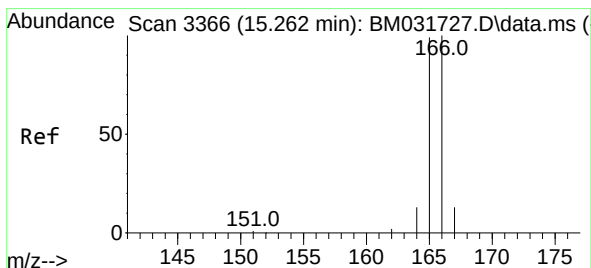
Tgt Ion:153 Resp: 291
Ion Ratio Lower Upper
153 100
152 66.7 40.7 61.1#
154 87.1 70.2 105.2



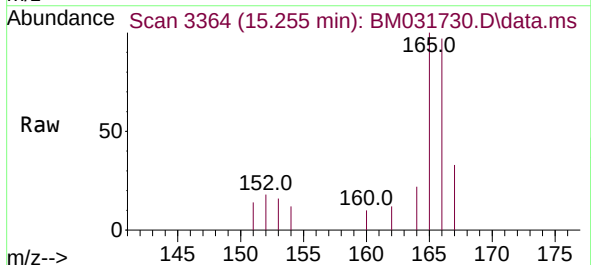
Instrument :
BNA_M
ClientSampled :
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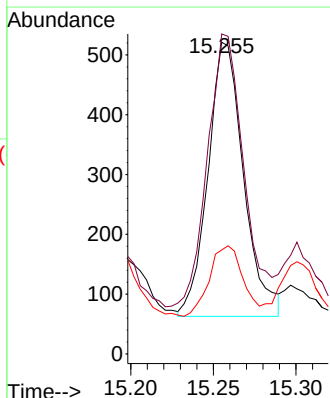
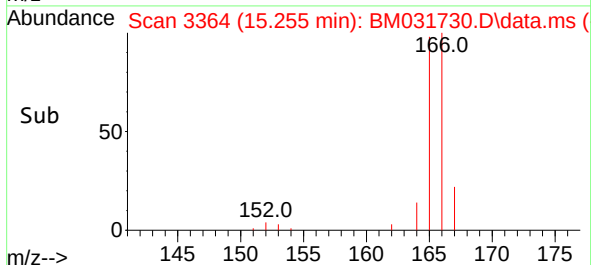
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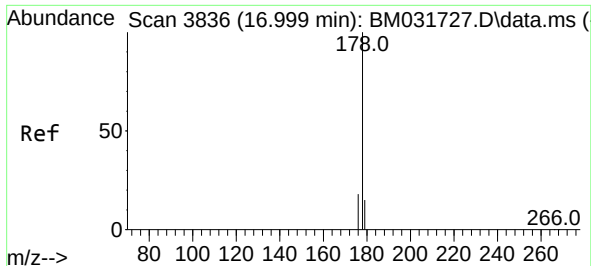


#12
Fluorene
Concen: 0.058 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14



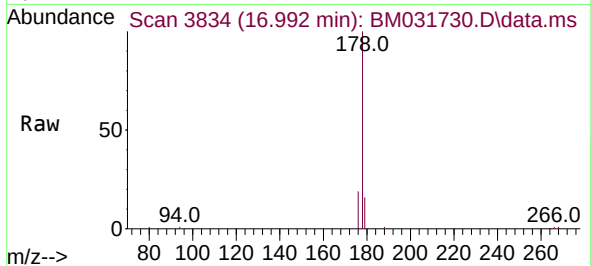
Tgt Ion:166 Resp: 686
Ion Ratio Lower Upper
166 100
165 102.7 78.0 117.0
167 33.4 12.0 18.0#





#15
Phenanthrene
Concen: 0.834 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

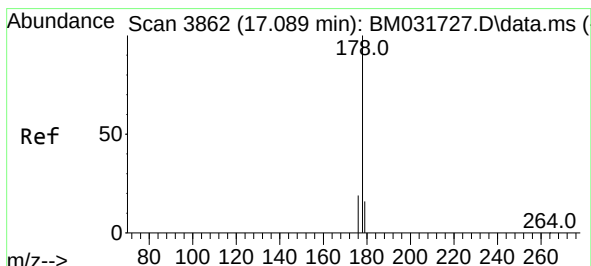
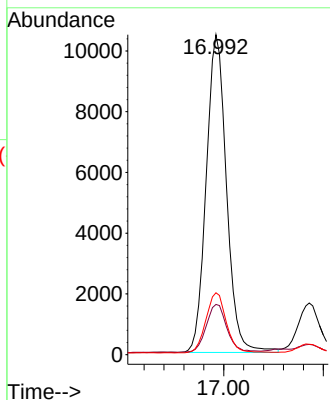
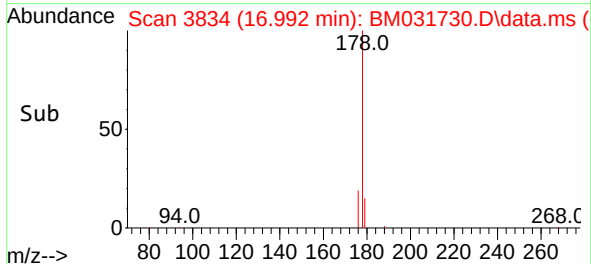
Instrument :
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ClientSampleID :
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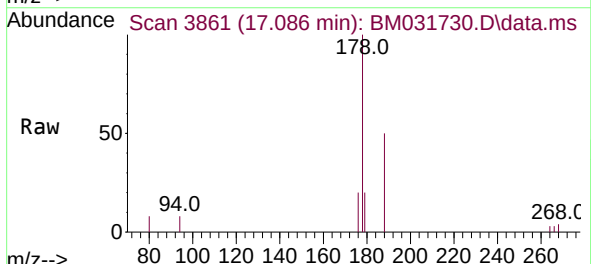
Tgt Ion:178 Resp: 14817
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.3 16.2 24.4

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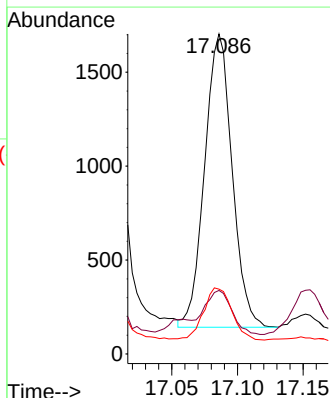
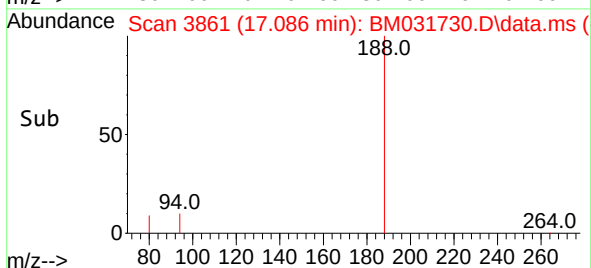
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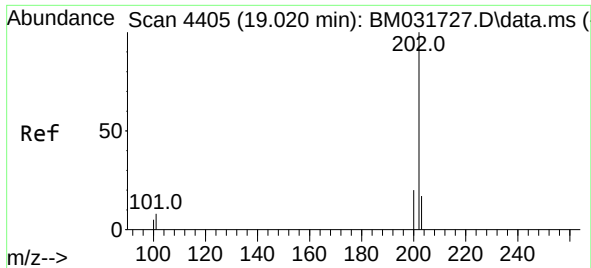


#16
Anthracene
Concen: 0.137 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14



Tgt Ion:178 Resp: 2278
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.6#
176 20.2 15.6 23.4





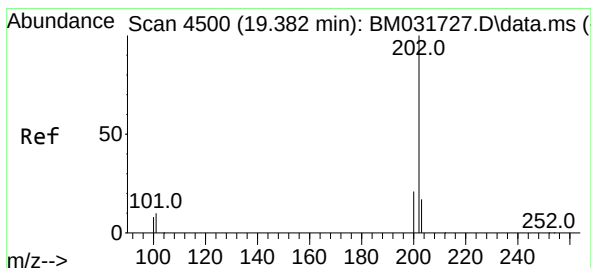
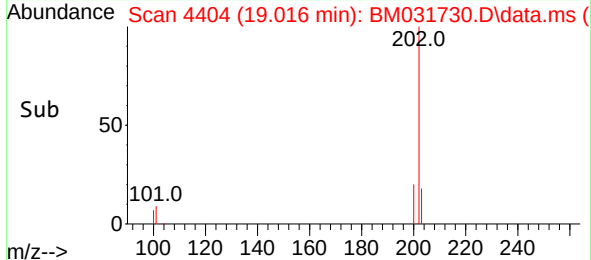
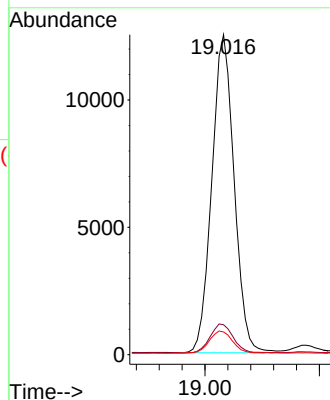
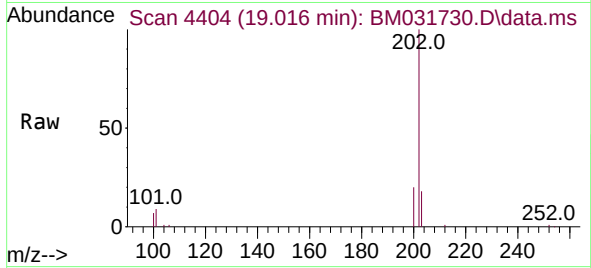
#19
Fluoranthene
Concen: 0.823 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	6.6	10.0
100	7.1	5.4	8.0

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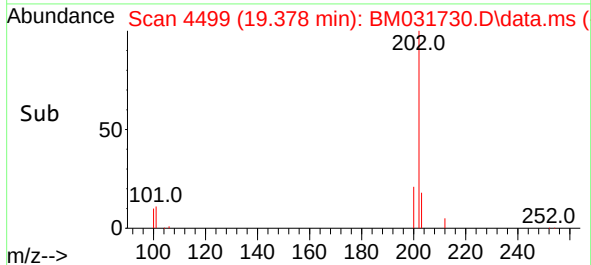
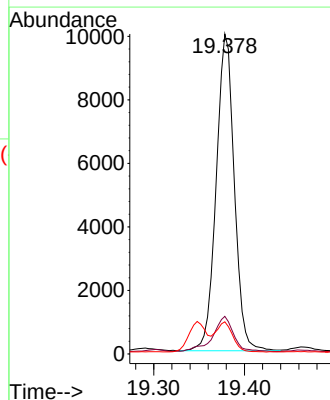
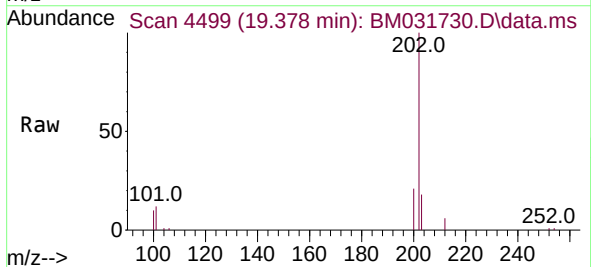
Manual Integrations
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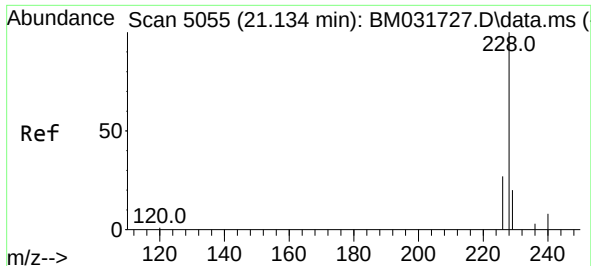
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#20
Pyrene
Concen: 0.665 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	7.8	11.6#
100	10.0	6.6	10.0#





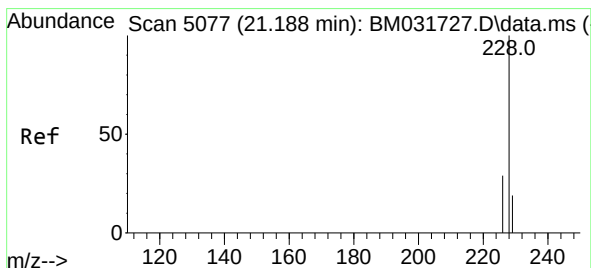
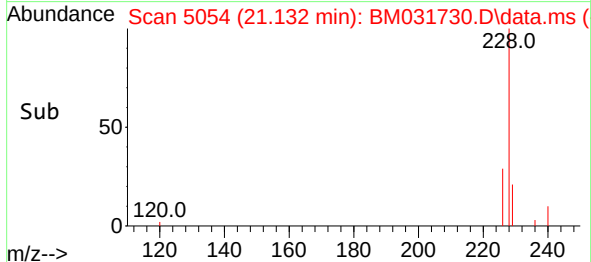
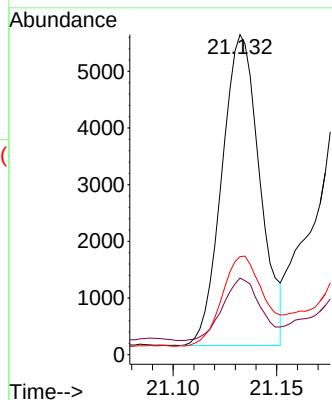
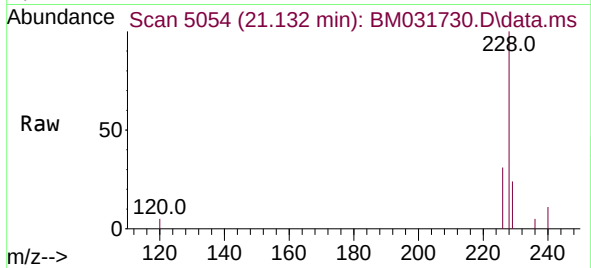
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Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:228 Resp: 7002
Ion Ratio Lower Upper
228 100
229 24.0 15.6 23.4#
226 30.7 21.7 32.5

Instrument :
BNA_M
ClientSampleId :
C00E7DL

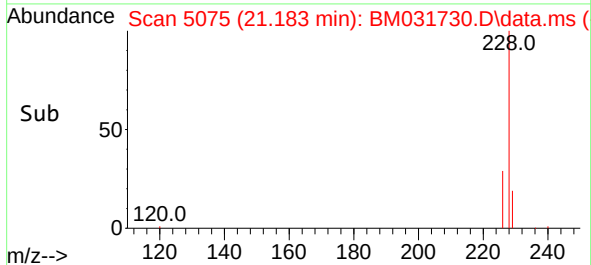
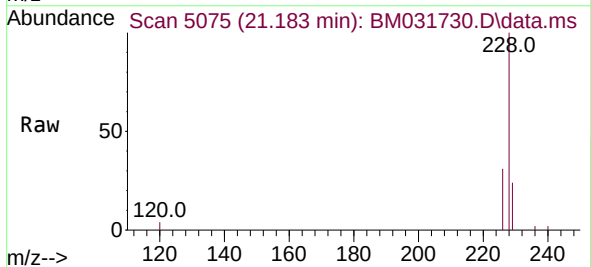
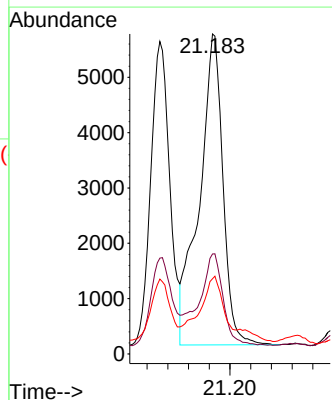
Manual Integrations
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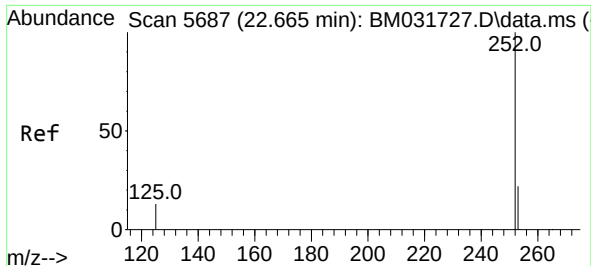
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#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:228 Resp: 8911
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 23.5 16.2 24.2





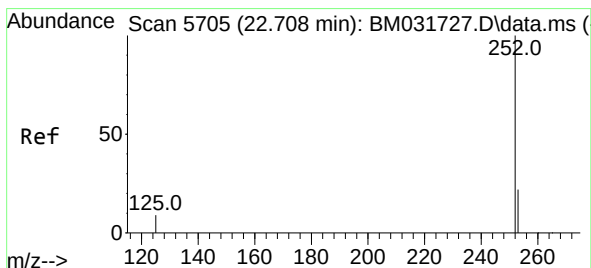
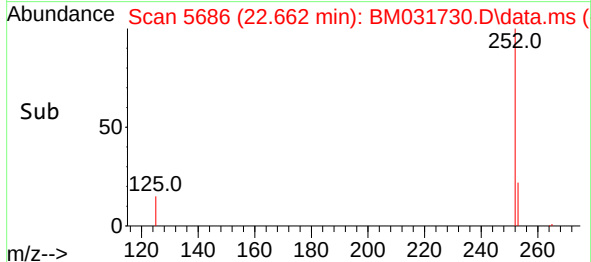
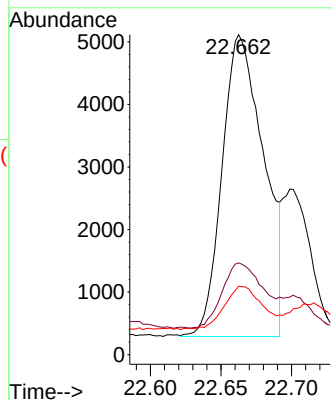
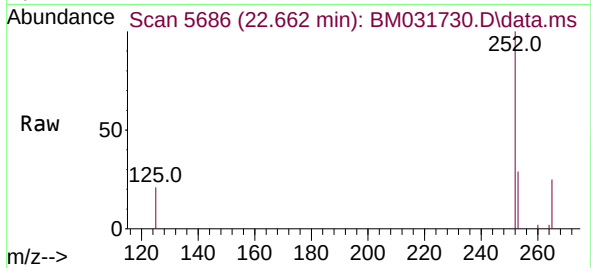
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Benzo(b)fluoranthene
Concen: 0.475 ng/ul m
RT: 22.662 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:	252	Resp:	9929
Ion Ratio	Lower	Upper	
252	100		
253	28.7	0.0	53.0
125	21.4	0.0	22.8

Instrument :
BNA_M
ClientSampled :
C00E7DL

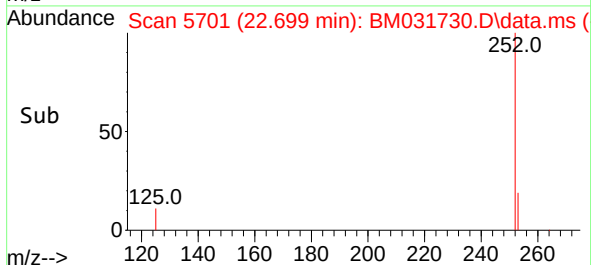
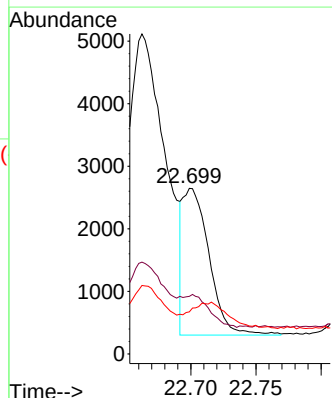
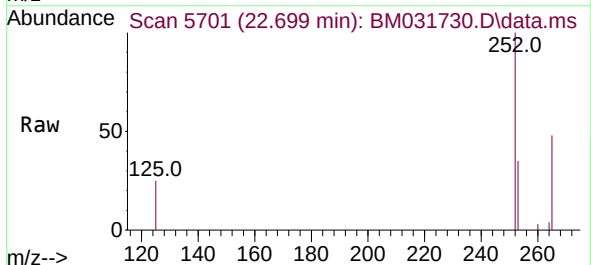
Manual Integrations
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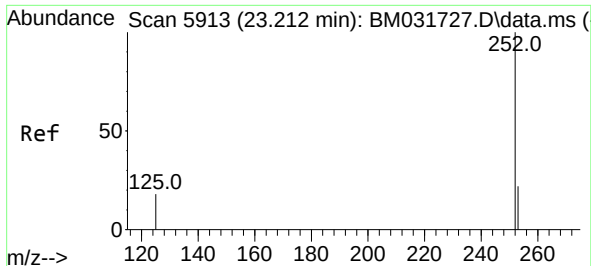
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#25
Benzo(k)fluoranthene
Concen: 0.152 ng/ul m
RT: 22.699 min Scan# 5701
Delta R.T. -0.021 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:	252	Resp:	3290
Ion Ratio	Lower	Upper	
252	100		
253	34.8	21.3	31.9#
125	25.5	8.8	13.2#





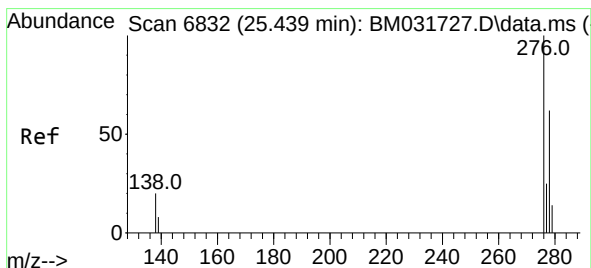
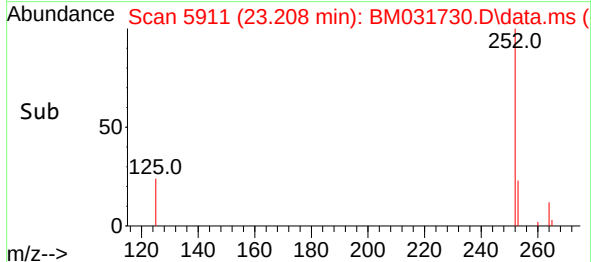
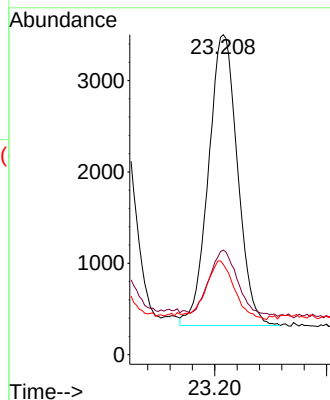
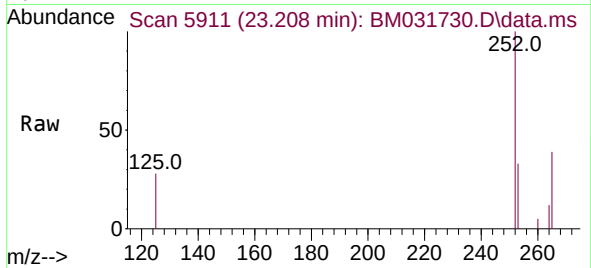
#26
Benzo(a)pyrene
Concen: 0.314 ng/ul
RT: 23.208 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:	252	Resp:	5753
Ion Ratio	Lower	Upper	
252	100		
253	32.7	22.4	33.6
125	28.3	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C00E7DL

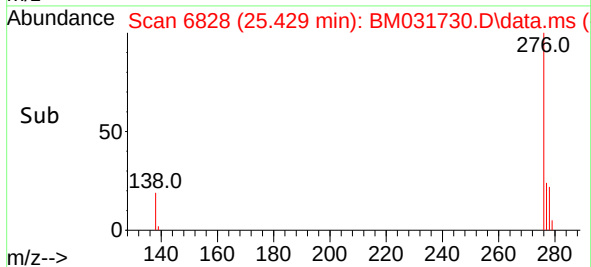
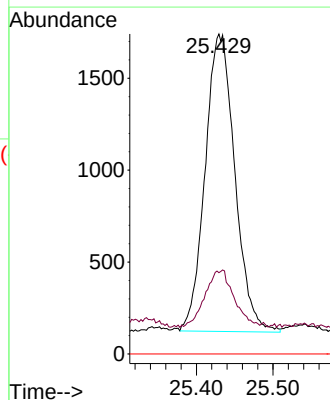
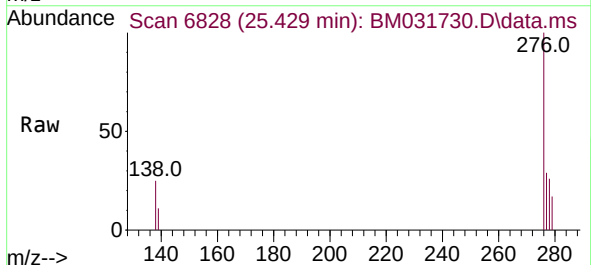
Manual Integrations
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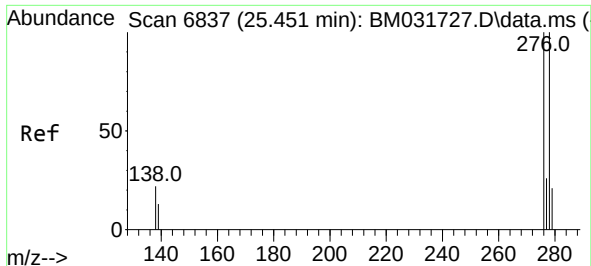
mohammad
8/16/2021 8:40:41 AM



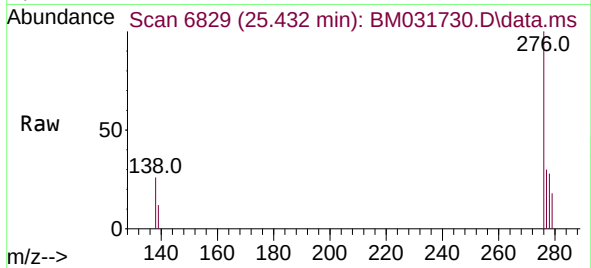
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.184 ng/ul
RT: 25.429 min Scan# 6828
Delta R.T. -0.031 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14

Tgt Ion:	276	Resp:	4361
Ion Ratio	Lower	Upper	
276	100		
138	18.1	15.8	23.8
227	0.0	0.0	0.0

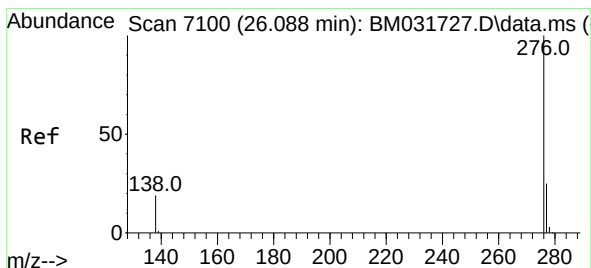
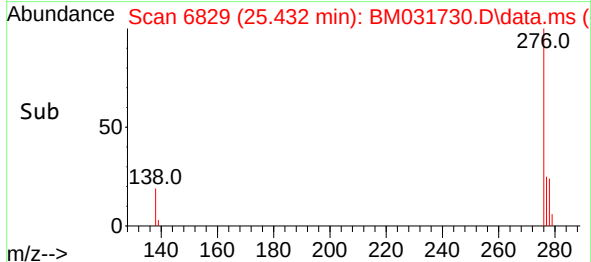
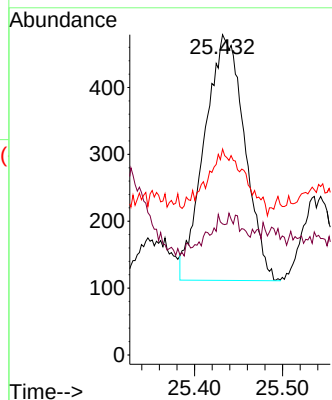




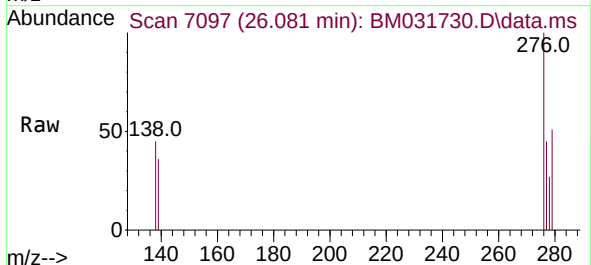
#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 25.432 min Scan# 6829
Delta R.T. -0.041 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14



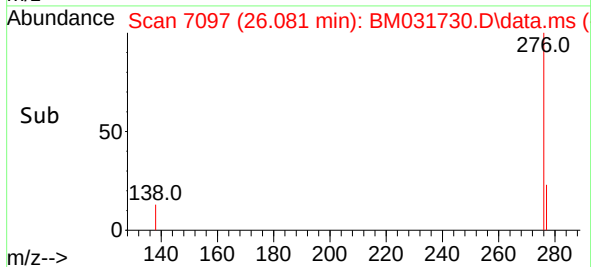
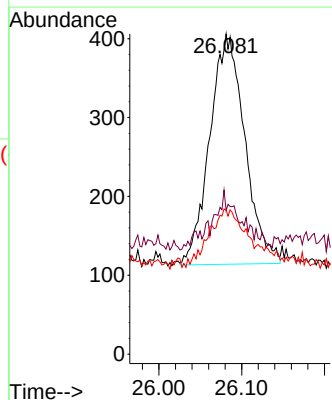
Tgt Ion:278 Resp: 1163
Ion Ratio Lower Upper
278 100
139 40.9 13.3 19.9#
279 64.3 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.081 min Scan# 7097
Delta R.T. -0.026 min
Lab File: BM031730.D
Acq: 14 Aug 2021 01:14



Tgt Ion:276 Resp: 859
Ion Ratio Lower Upper
276 100
138 44.8 15.4 23.2#
277 45.1 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C00E7DL

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:41 AM