

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
 Data File : BM031085.D
 Acq On : 23 Jul 2021 09:58
 Operator : CG/JU
 Sample : M2970-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE17

Manual Integrations
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Quant Time: Jul 23 10:38:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.395	136	5103	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3854	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	9400	0.400	ng/ul	0.00
17) Chrysene-d12	21.198	240	12756	0.400	ng/ul	# 0.00
23) Perylene-d12	23.371	264	13368	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	3328	2.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	1789	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.038	212	8146	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.445	128	27138	1.782	ng/ul	96
7) 2-Methylnaphthalene	12.064	142	4379	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.284	142	1032	0.096	ng/ul	96
10) Acenaphthylene	13.980	152	49371	3.133	ng/ul	96
11) Acenaphthene	14.322	153	31482	2.259	ng/ul	98
12) Fluorene	15.315	166	51385	3.133	ng/ul	99
15) Phenanthrene	17.051	178	1514594	50.734	ng/ul	99
16) Anthracene	17.141	178	634478	22.687	ng/ul	97
19) Fluoranthene	19.073	202	3757993	73.182	ng/ul#	94
20) Pyrene	19.435	202	2242696	42.780	ng/ul#	95
21) Benzo(a)anthracene	21.184	228	2262256m	44.402	ng/ul	
22) Chrysene	21.237	228	1768825	32.078	ng/ul	98
24) Benzo(b)fluoranthene	22.734	252	1969005m	31.328	ng/ul	
25) Benzo(k)fluoranthene	22.767	252	910081m	14.271	ng/ul	
26) Benzo(a)pyrene	23.281	252	768475	14.142	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.532	276	486576	6.836	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.542	278	213228	3.734	ng/ul	100
29) Benzo(g,h,i)perylene	26.188	276	15518	0.257	ng/ul#	73

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

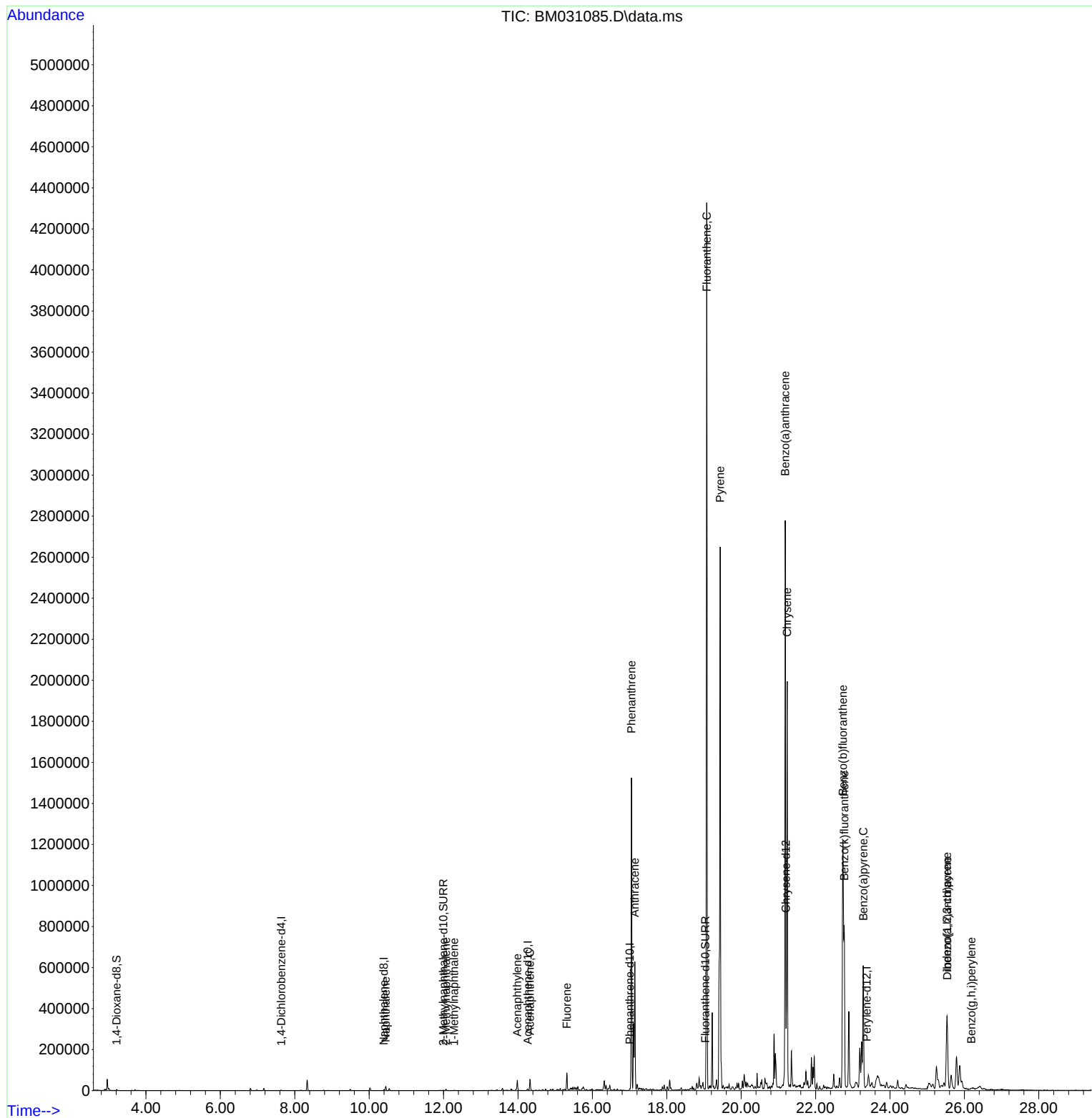
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
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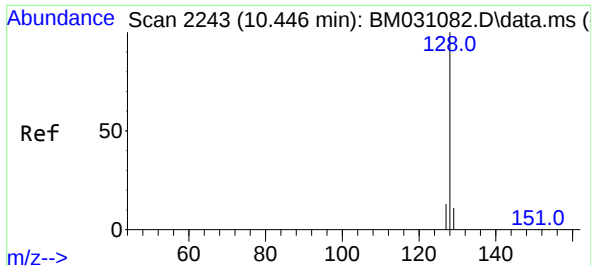
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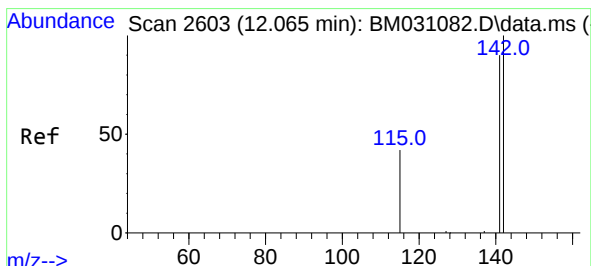
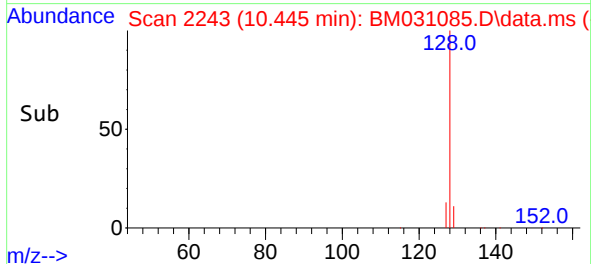
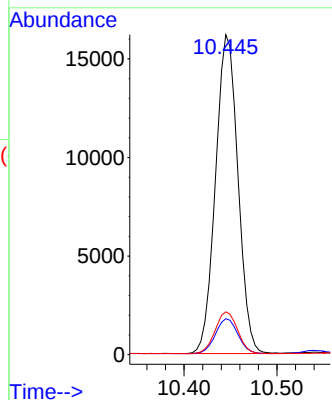
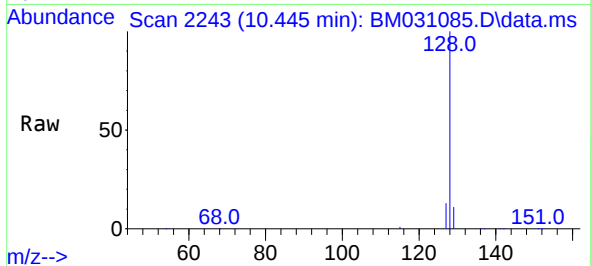
#5
Naphthalene
Concen: 1.782 ng/ul
RT: 10.445 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:	128	Resp:	27138
Ion Ratio	Lower	Upper	
128	100		
129	11.3	10.2	15.4
127	13.4	11.8	17.8

Instrument :
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ClientSampled :
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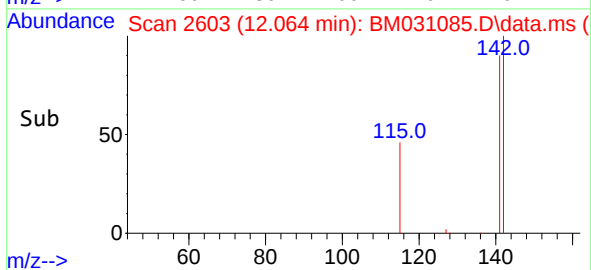
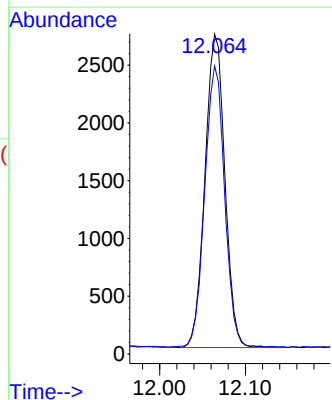
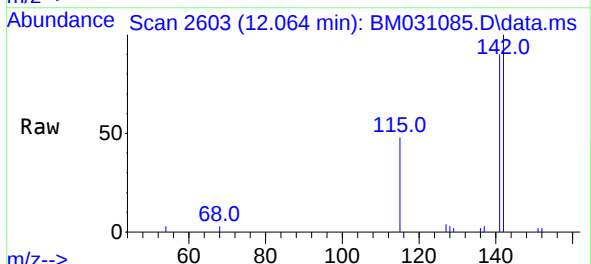
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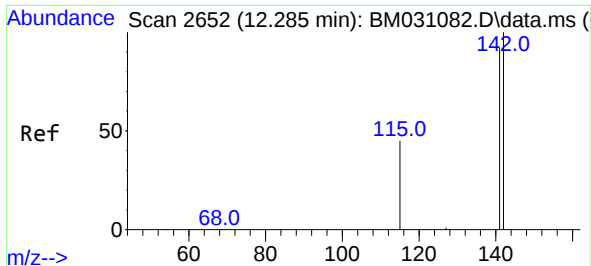
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#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.064 min Scan# 2603
Delta R.T. -0.006 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:	142	Resp:	4379
Ion Ratio	Lower	Upper	
142	100		
141	90.2	71.5	107.3





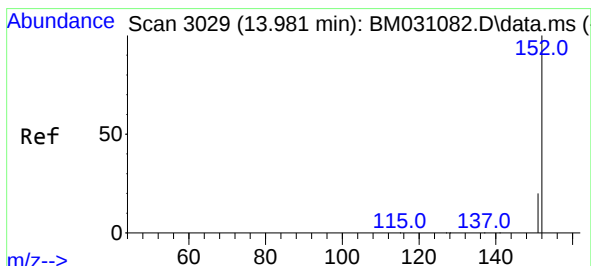
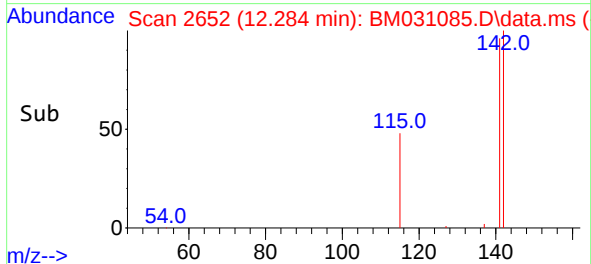
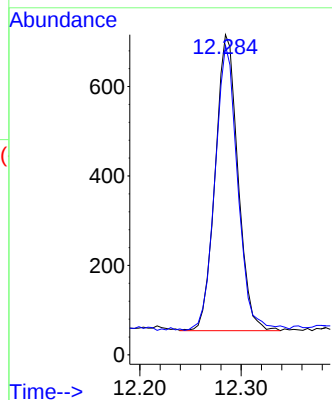
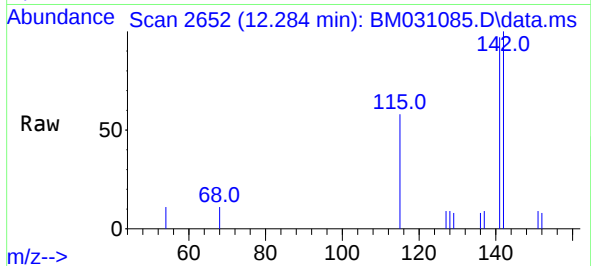
#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.284 min Scan# 2652
Delta R.T. -0.006 min
Lab File: BM031085.D
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Tgt Ion:142 Resp: 1032
Ion Ratio Lower Upper
142 100
141 96.4 74.2 111.4

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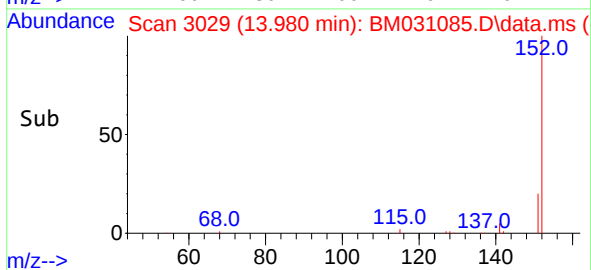
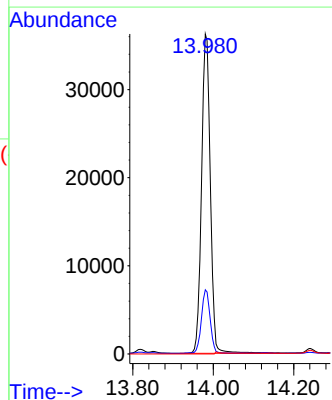
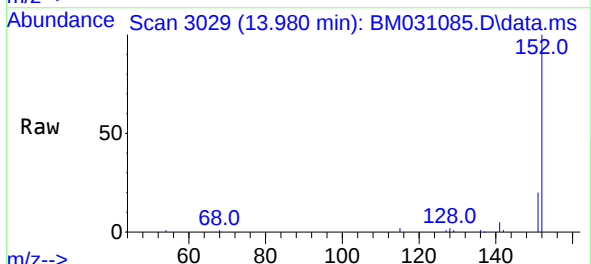
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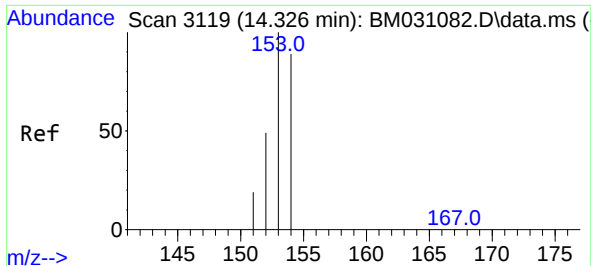
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#10
Acenaphthylene
Concen: 3.133 ng/ul
RT: 13.980 min Scan# 3029
Delta R.T. -0.006 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

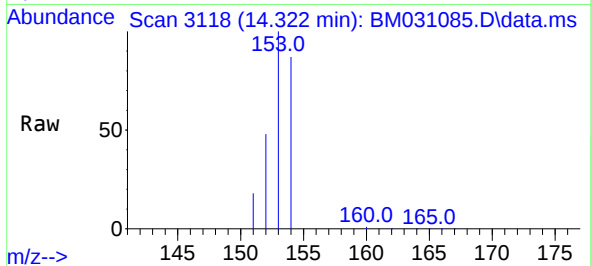
Tgt Ion:152 Resp: 49371
Ion Ratio Lower Upper
152 100
151 20.0 17.5 26.3
153 0.0 0.0 0.0



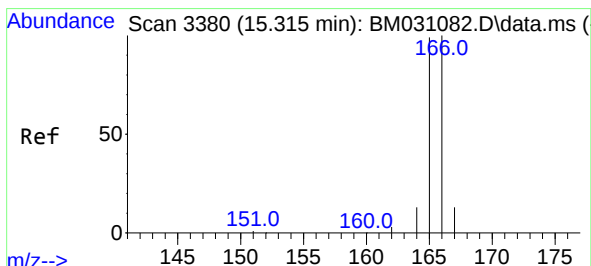
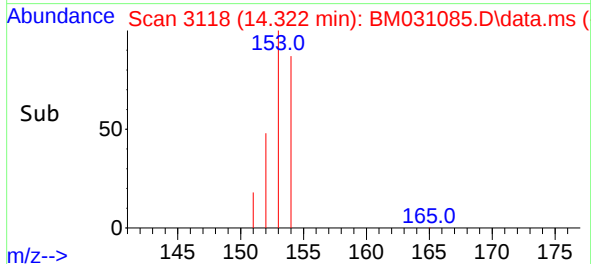
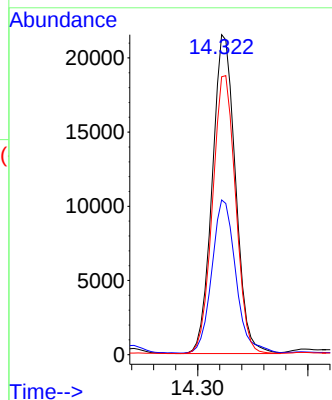


#11
Acenaphthene
Concen: 2.259 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.004 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

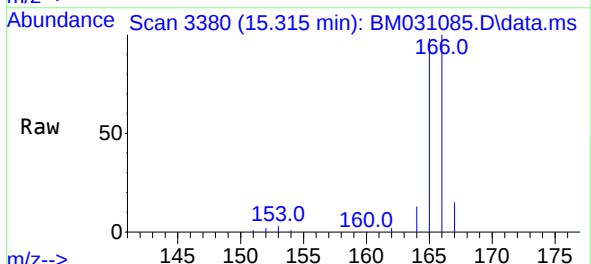
Instrument :
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ClientSampleId :
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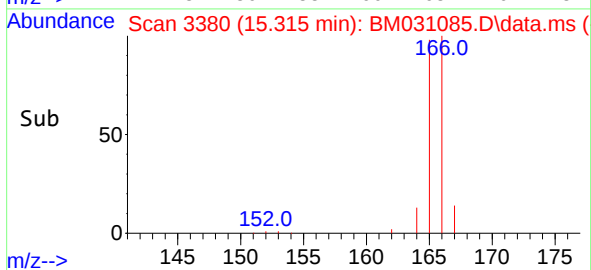
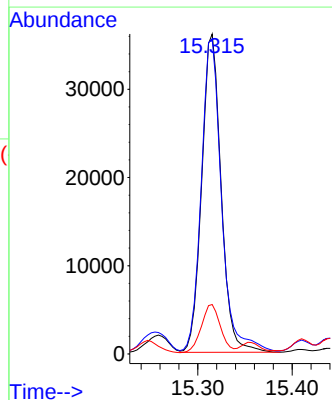
Tgt Ion:153 Resp: 31482
Ion Ratio Lower Upper
153 100
152 48.3 39.4 59.2
154 86.9 68.2 102.4

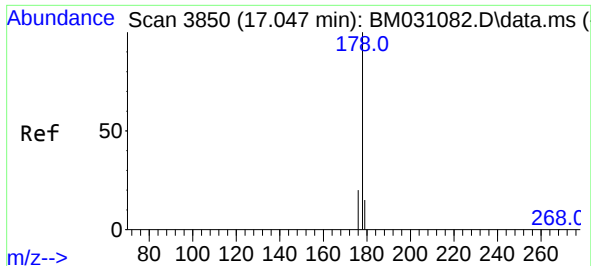


#12
Fluorene
Concen: 3.133 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.000 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58



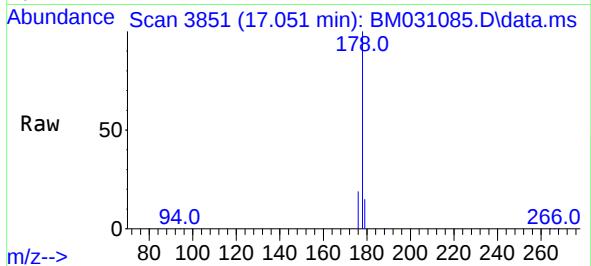
Tgt Ion:166 Resp: 51385
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 15.5 12.3 18.5





#15
Phenanthrene
Concen: 50.734 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.000 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

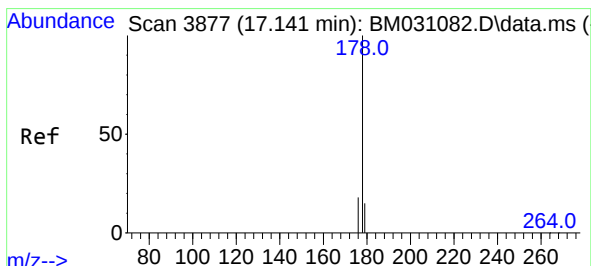
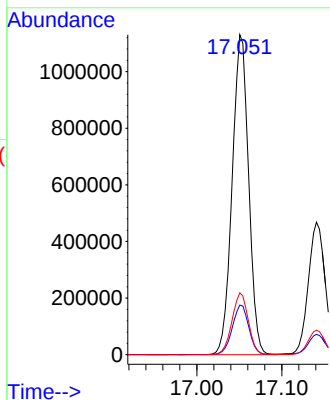
Instrument :
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ClientSampled :
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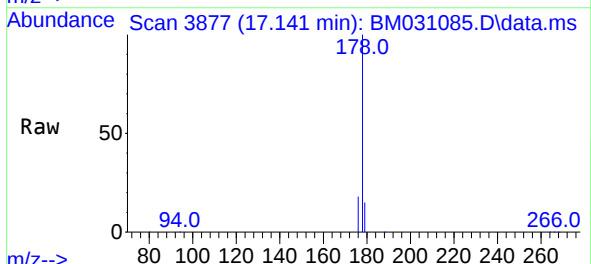
Tgt Ion:178 Resp: 1514594
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.4 15.4 23.2

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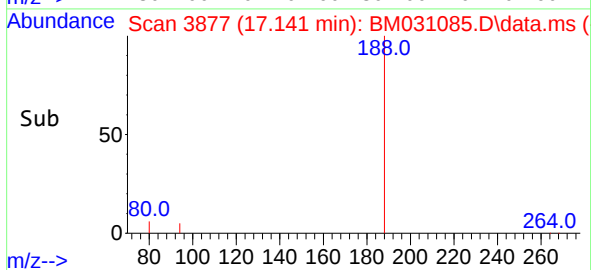
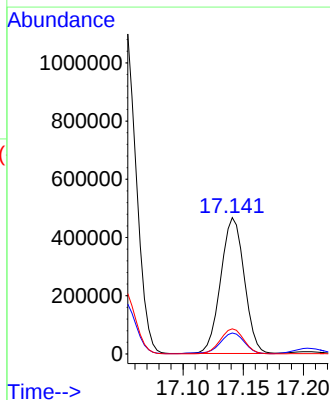
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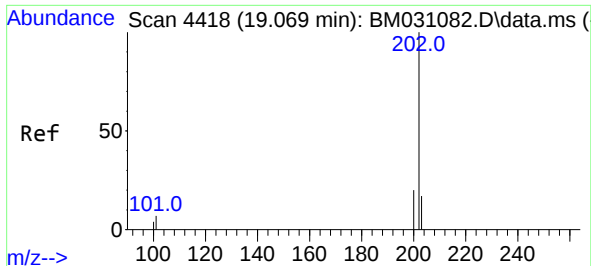


#16
Anthracene
Concen: 22.687 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.000 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58



Tgt Ion:178 Resp: 634478
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.8
176 18.5 15.7 23.5





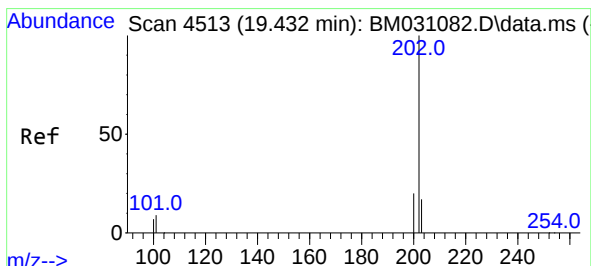
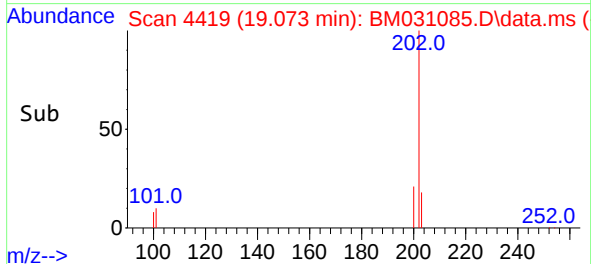
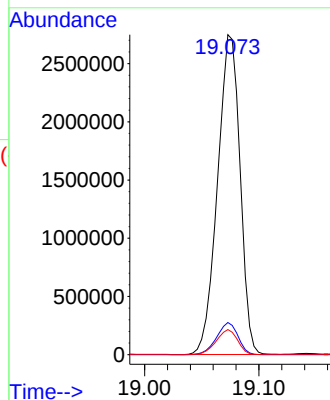
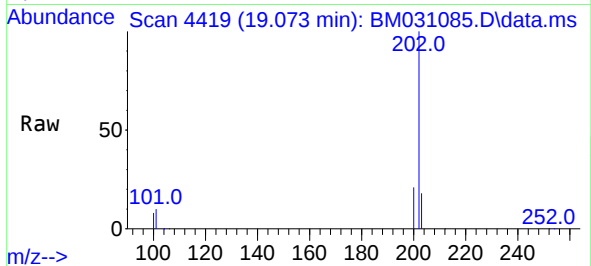
#19
Fluoranthene
Concen: 73.182 ng/u1
RT: 19.073 min Scan# 4419
Delta R.T. 0.003 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:202 Resp: 3757993
Ion Ratio Lower Upper
202 100
101 10.0 6.0 9.0#
100 7.8 4.8 7.2#

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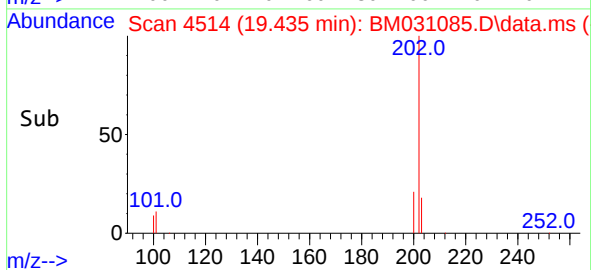
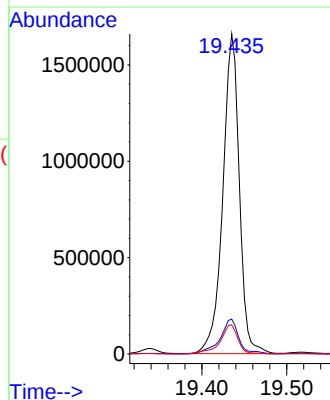
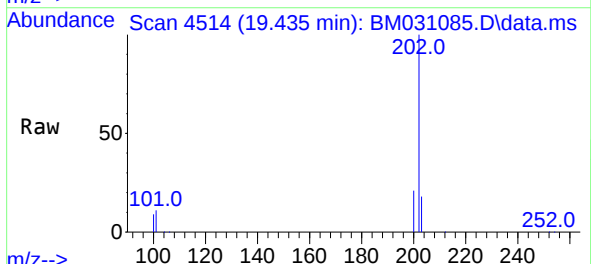
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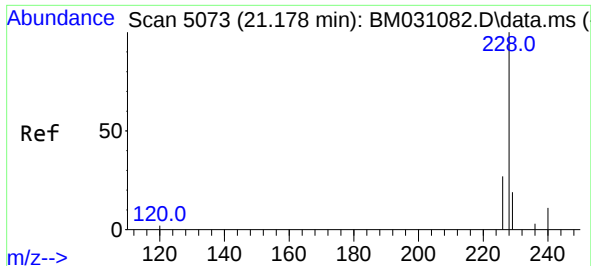
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#20
Pyrene
Concen: 42.780 ng/u1
RT: 19.435 min Scan# 4514
Delta R.T. 0.003 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:202 Resp: 2242696
Ion Ratio Lower Upper
202 100
101 10.9 7.4 11.0
100 9.1 6.0 9.0#





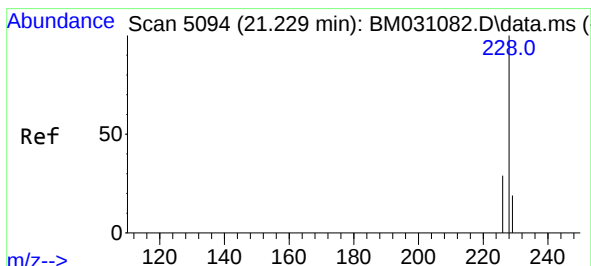
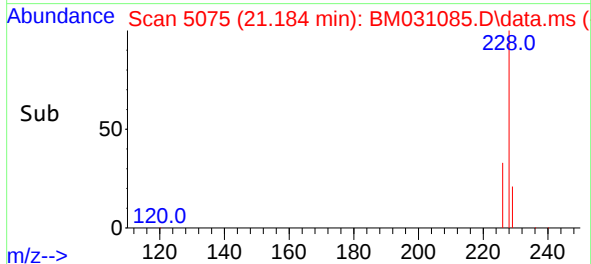
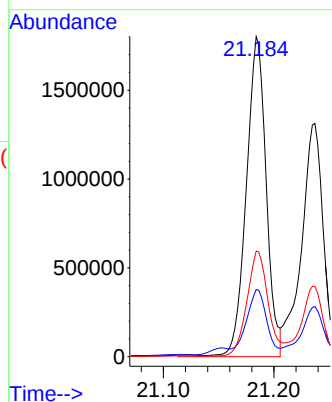
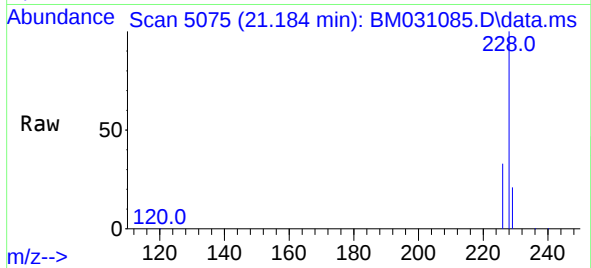
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Benzo(a)anthracene
Concen: 44.402 ng/ul m
RT: 21.184 min Scan# 5075
Delta R.T. 0.001 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:228 Resp: 2262256
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 33.0 21.4 32.2#

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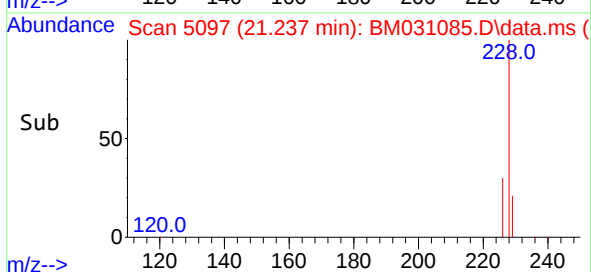
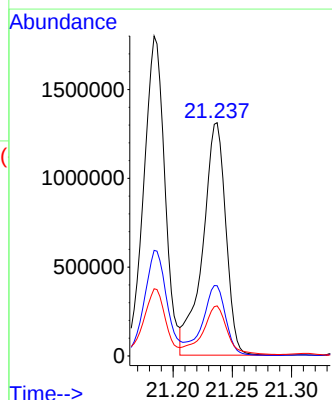
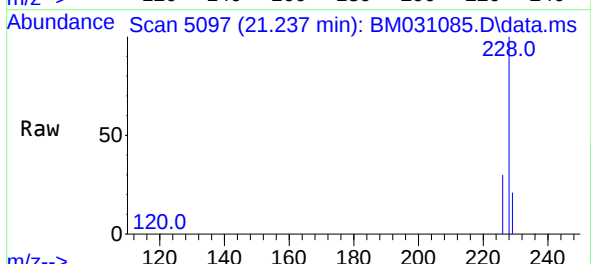
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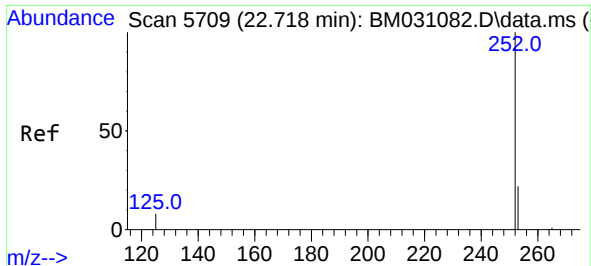
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#22
Chrysene
Concen: 32.078 ng/ul
RT: 21.237 min Scan# 5097
Delta R.T. 0.003 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:228 Resp: 1768825
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 21.4 15.8 23.8





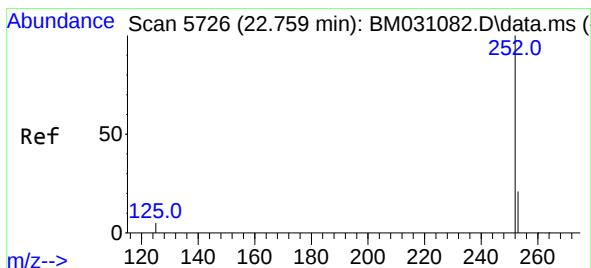
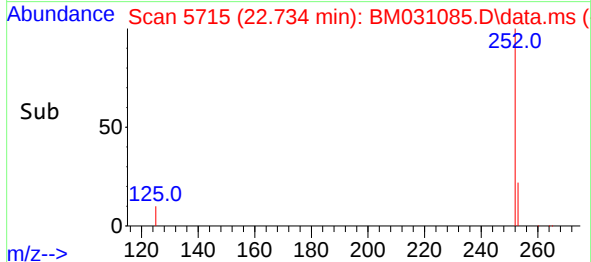
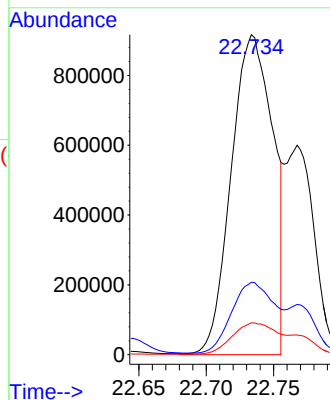
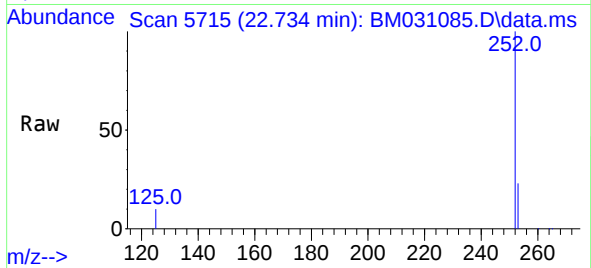
#24
Benzo(b)fluoranthene
Concen: 31.328 ng/ul m
RT: 22.734 min Scan# 5715
Delta R.T. 0.008 min
Lab File: BM031085.D
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Tgt Ion:252 Resp: 1969005
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 9.9 0.0 20.2

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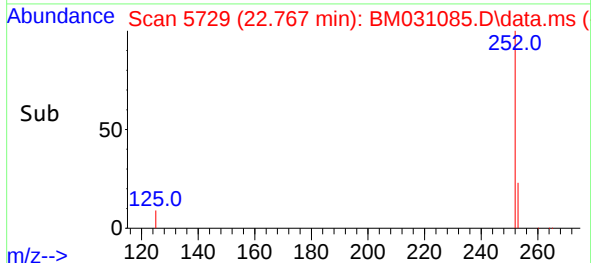
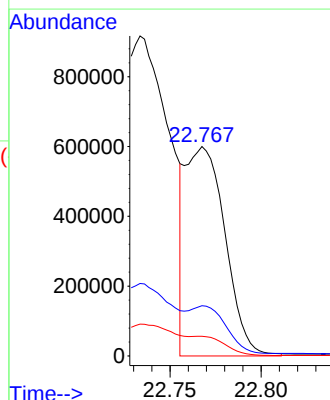
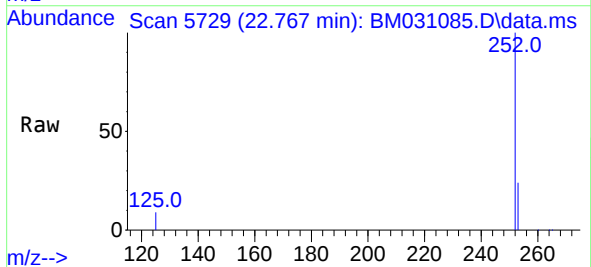
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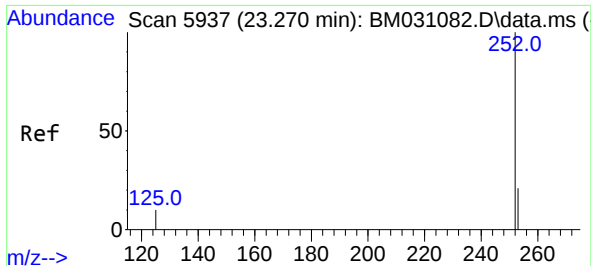
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#25
Benzo(k)fluoranthene
Concen: 14.271 ng/ul m
RT: 22.767 min Scan# 5729
Delta R.T. -0.001 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:252 Resp: 910081
Ion Ratio Lower Upper
252 100
253 24.0 21.6 32.4
125 9.4 8.6 13.0





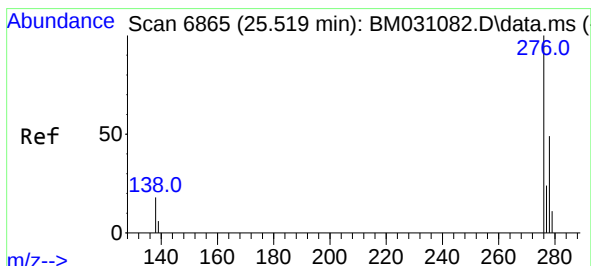
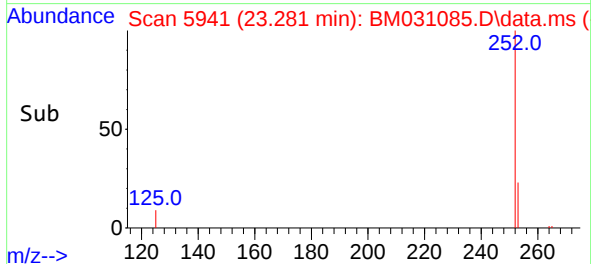
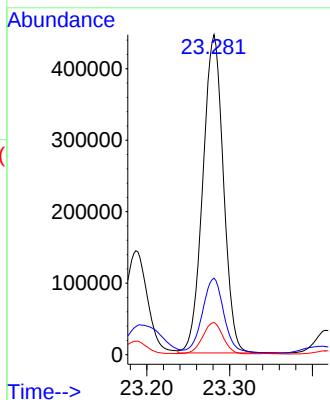
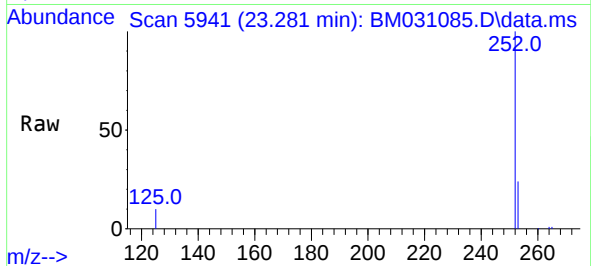
#26
Benzo(a)pyrene
Concen: 14.142 ng/ul
RT: 23.281 min Scan# 5941
Delta R.T. 0.001 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:252 Resp: 768475
Ion Ratio Lower Upper
252 100
253 23.9 23.1 34.7
125 10.0 10.7 16.1#

Instrument :
BNA_M
ClientSampled :
BGE17

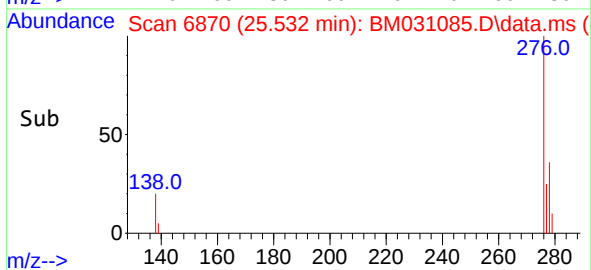
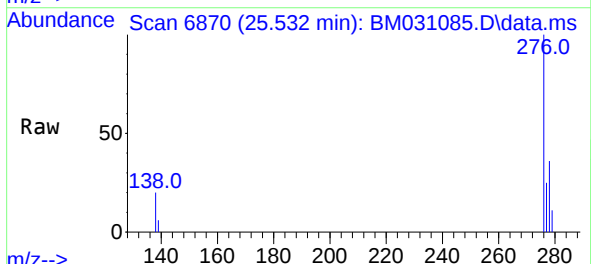
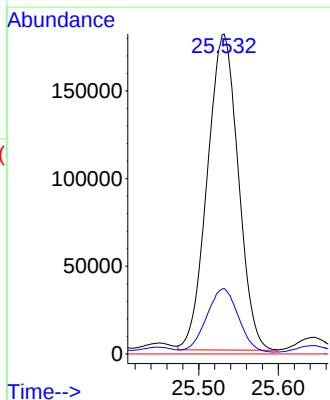
Manual Integrations
APPROVED

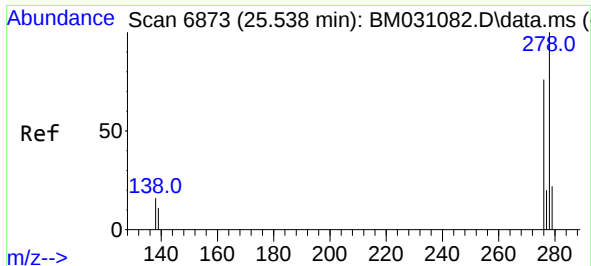
mohammad
7/23/2021 11:52:17 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.836 ng/ul
RT: 25.532 min Scan# 6870
Delta R.T. -0.004 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:276 Resp: 486576
Ion Ratio Lower Upper
276 100
138 20.6 15.4 23.0
227 0.0 0.0 0.0





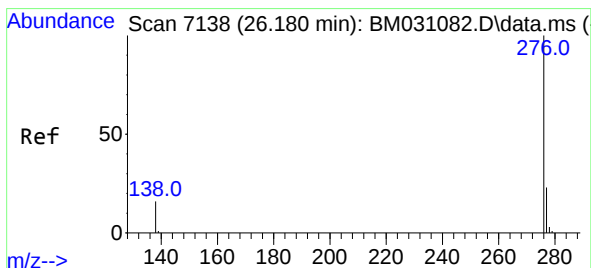
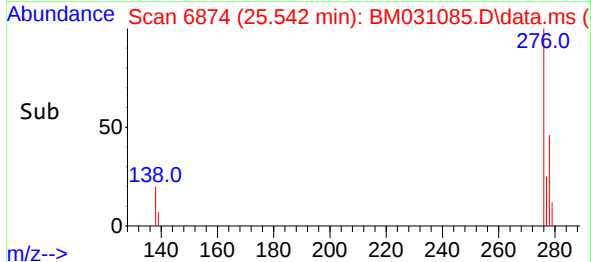
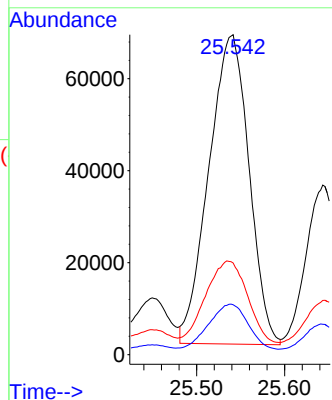
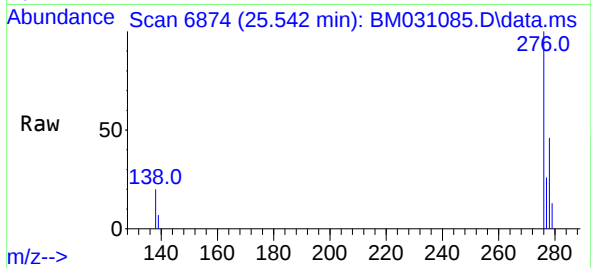
#28
Dibenzo(a,h)anthracene
Concen: 3.734 ng/ul
RT: 25.542 min Scan# 6874
Delta R.T. -0.009 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:278 Resp: 213228
Ion Ratio Lower Upper
278 100
139 15.6 12.6 18.8
279 28.6 22.6 34.0

Instrument :
BNA_M
ClientSampleId :
BGE17

Manual Integrations
APPROVED

mohammad
7/23/2021 11:52:17 AM



#29
Benzo(g,h,i)perylene
Concen: 0.257 ng/ul
RT: 26.188 min Scan# 7141
Delta R.T. -0.004 min
Lab File: BM031085.D
Acq: 23 Jul 2021 09:58

Tgt Ion:276 Resp: 15518
Ion Ratio Lower Upper
276 100
138 27.6 14.0 21.0#
277 39.7 19.9 29.9#

