

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031141.D
 Acq On : 25 Jul 2021 04:54
 Operator : CG/JU
 Sample : M2973-05
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEB3

Manual Integrations
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Quant Time: Jul 26 03:37:42 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 : Mon Jul 26 03:04:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.638	152	1066	0.40	ng/ul	0.00
4) Naphthalene-d8	10.396	136	4279	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3125	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7396	0.40	ng/ul	0.00
17) Chrysene-d12	21.191	240	9972	0.40	ng/ul	# 0.00
23) Perylene-d12	23.361	264	10306	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2139	1.91	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	914	0.12	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	4087	0.13	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.446	128	14137	1.11	ng/ul	97
7) 2-Methylnaphthalene	12.065	142	2557	0.28	ng/ul	99
8) 1-Methylnaphthalene	12.285	142	1192	0.13	ng/ul	98
10) Acenaphthylene	13.981	152	25834	2.02	ng/ul	96
11) Acenaphthene	14.322	153	94325	8.35	ng/ul	98
12) Fluorene	15.312	166	98581	7.41	ng/ul	98
15) Phenanthrene	17.051	178	1061504	45.19	ng/ul	99
16) Anthracene	17.138	178	413055	18.77	ng/ul	97
19) Fluoranthene	19.069	202	1581433	39.39	ng/ul	97
20) Pyrene	19.431	202	707718	17.27	ng/ul	99
21) Benzo(a)anthracene	21.177	228	889873	22.34	ng/ul	95
22) Chrysene	21.228	228	671469	15.58	ng/ul	98
24) Benzo(b)fluoranthene	22.719	252	789786m	16.30	ng/ul	
25) Benzo(k)fluoranthene	22.760	252	334687m	6.81	ng/ul	
26) Benzo(a)pyrene	23.267	252	184885	4.41	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.518	276	145561	2.65	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.525	278	86794	1.97	ng/ul	99
29) Benzo(g,h,i)perylene	26.174	276	1764	0.04	ng/ul#	45

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

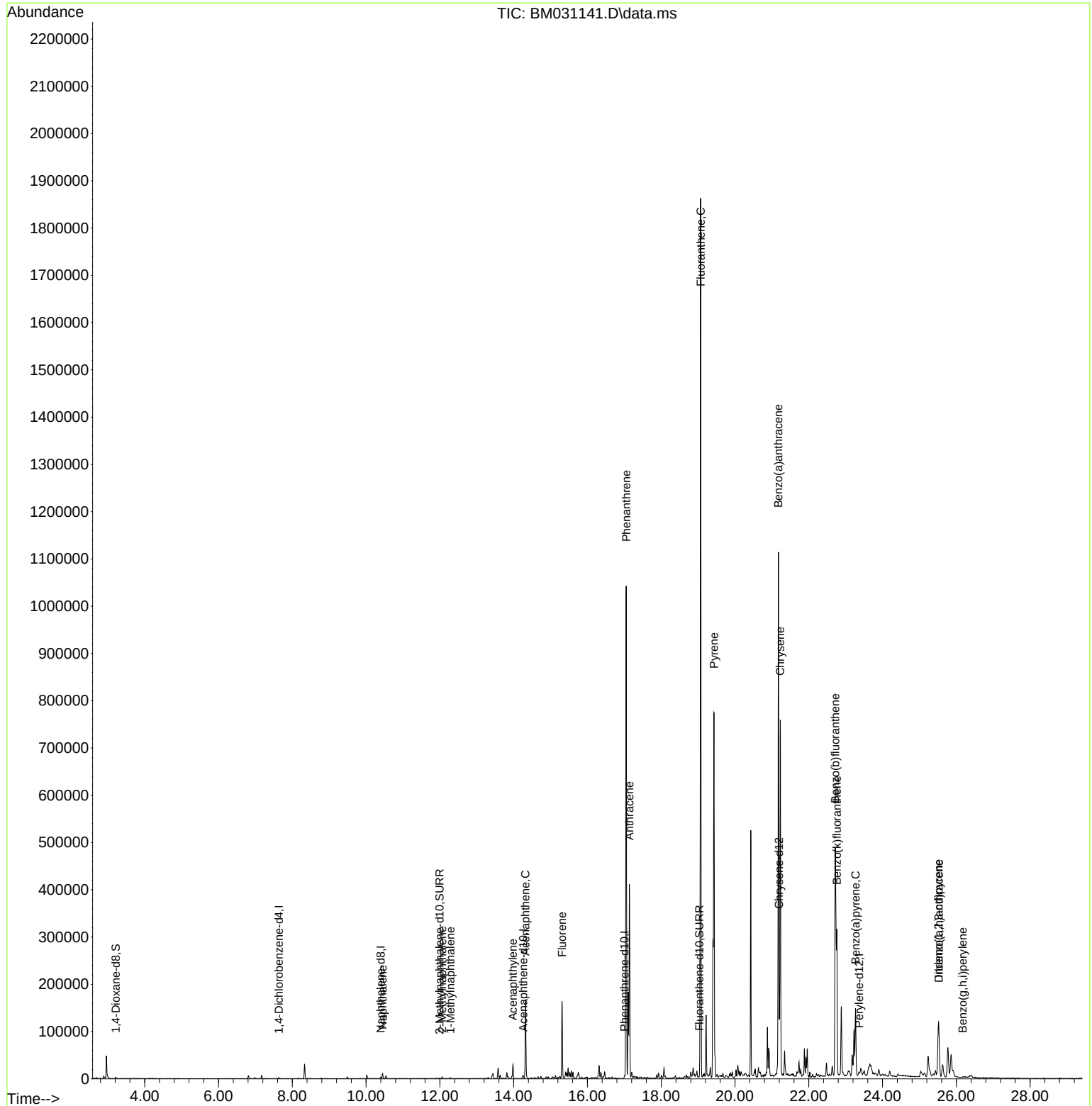
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Data File : BM031141.D
Acq On : 25 Jul 2021 04:54
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ALS Vial : 55 Sample Multiplier: 1

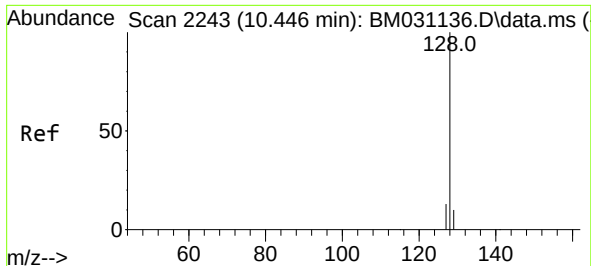
Instrument :
BNA_M
ClientSampleId :
BGE3

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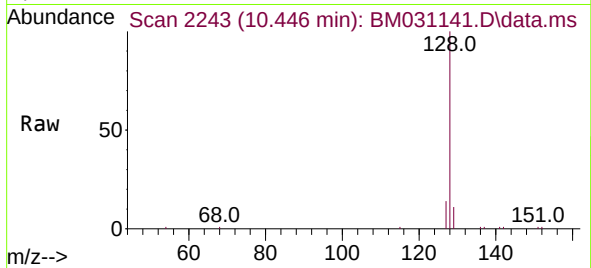
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 03:04:43 2021
Response via : Initial Calibration

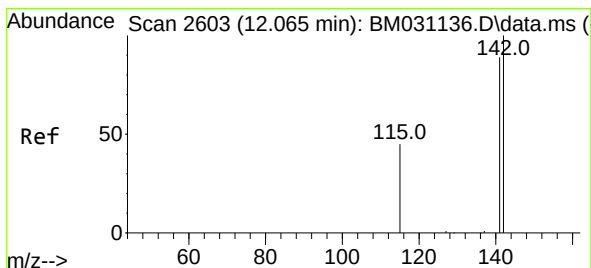
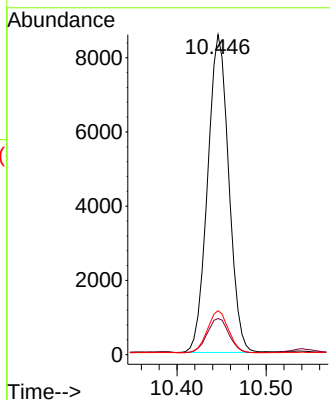
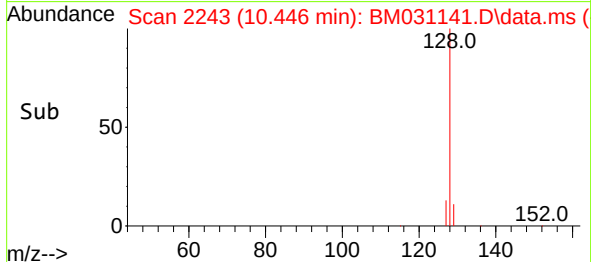




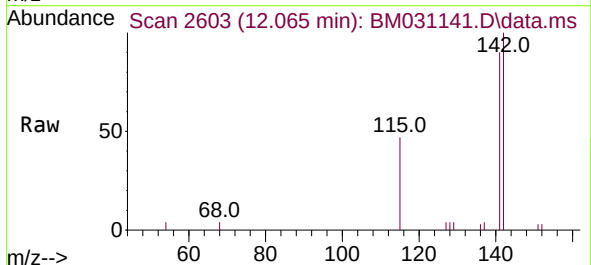
#5
Naphthalene
Concen: 1.11 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



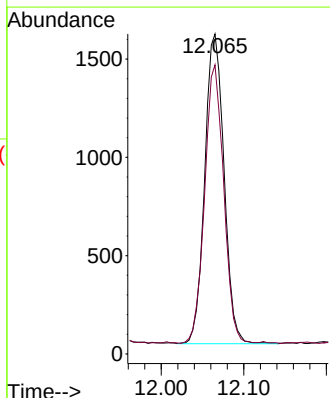
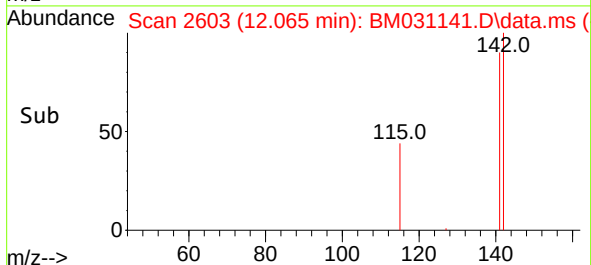
Tgt Ion:128 Resp: 14137
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.4
127 13.8 11.8 17.8



#7
2-Methylnaphthalene
Concen: 0.28 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.009 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



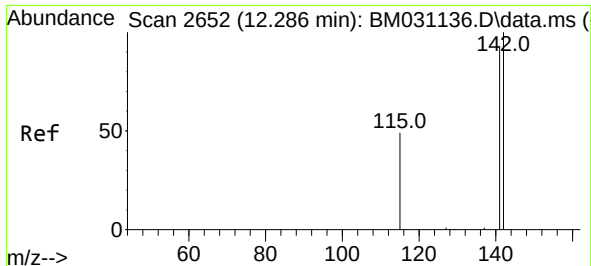
Tgt Ion:142 Resp: 2557
Ion Ratio Lower Upper
142 100
141 88.8 71.5 107.3



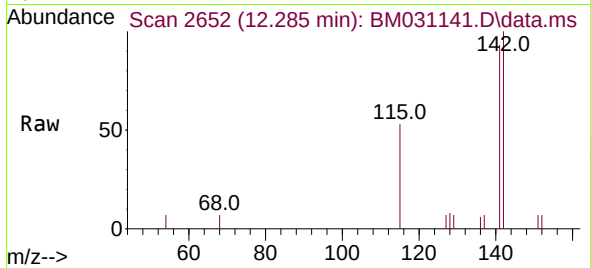
Instrument :
BNA_M
ClientSampled :
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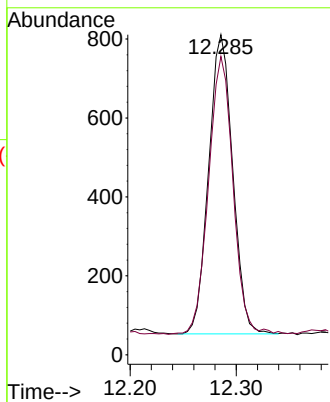
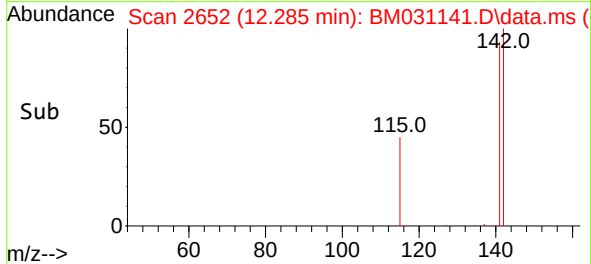
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#8
1-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.285 min Scan# 2652
Delta R.T. -0.009 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



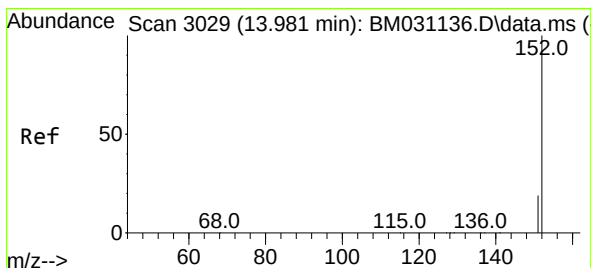
Tgt Ion:142 Resp: 1192
Ion Ratio Lower Upper
142 100
141 94.6 74.2 111.4



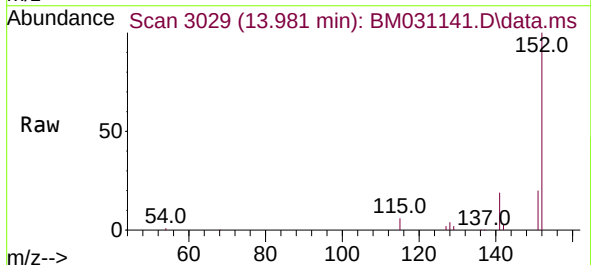
Instrument :
BNA_M
ClientSampled :
BGEB3

Manual Integrations
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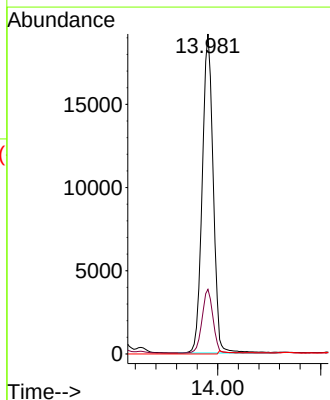
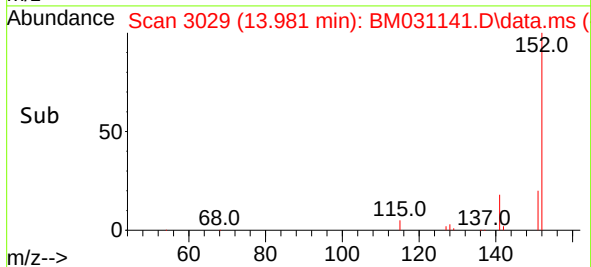
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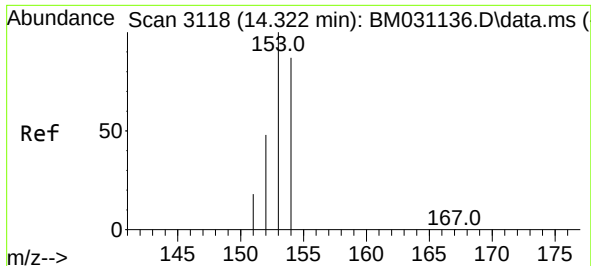


#10
Acenaphthylene
Concen: 2.02 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

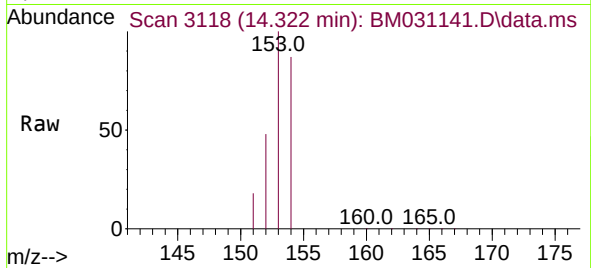


Tgt Ion:152 Resp: 25834
Ion Ratio Lower Upper
152 100
151 20.2 17.5 26.3
153 0.0 0.0 0.0

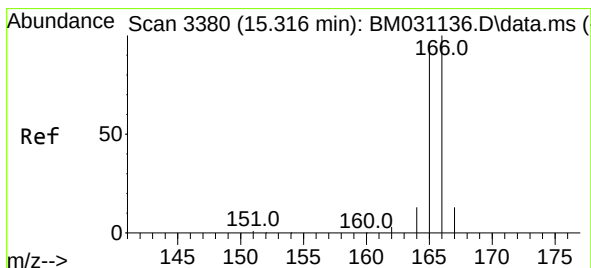
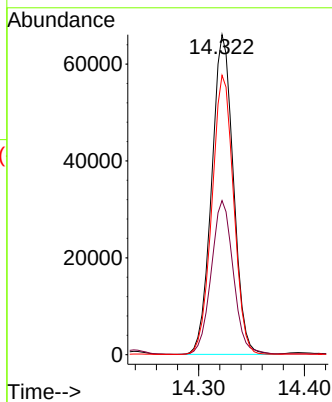
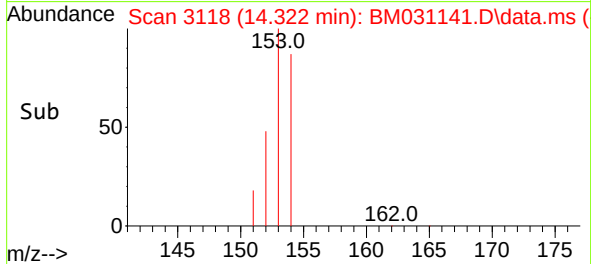




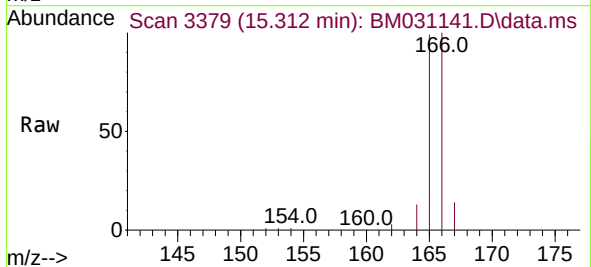
#11
Acenaphthene
Concen: 8.35 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



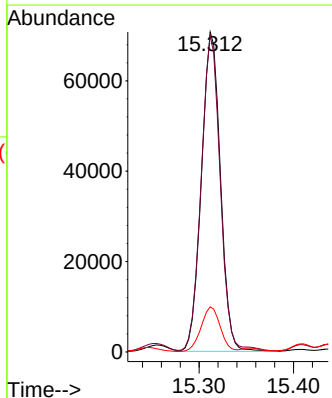
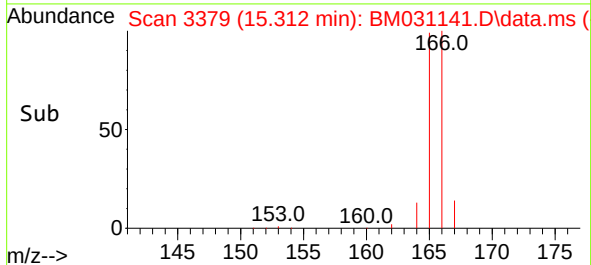
Tgt Ion:153 Resp: 94325
Ion Ratio Lower Upper
153 100
152 48.1 39.4 59.2
154 87.3 68.2 102.4



#12
Fluorene
Concen: 7.41 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



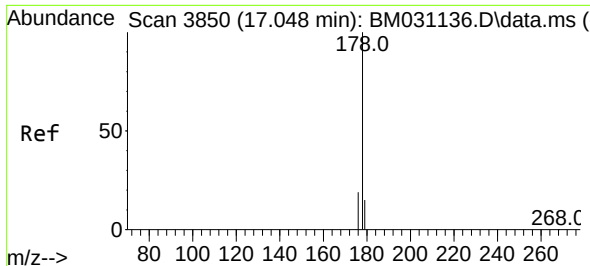
Tgt Ion:166 Resp: 98581
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 14.1 12.3 18.5



Instrument :
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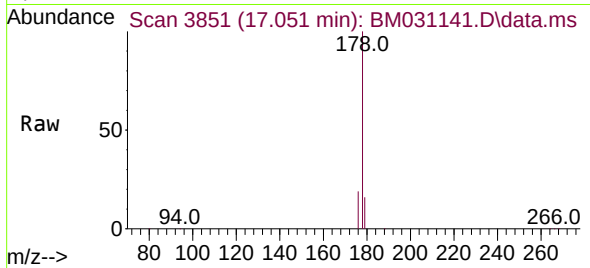
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#15
Phenanthrene
Concen: 45.19 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.004 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

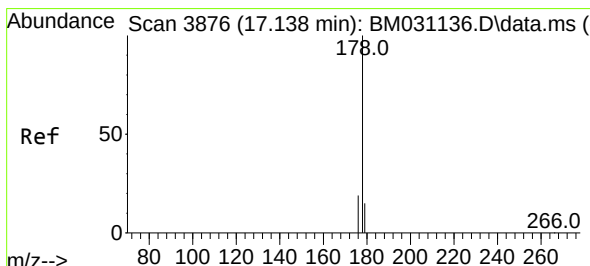
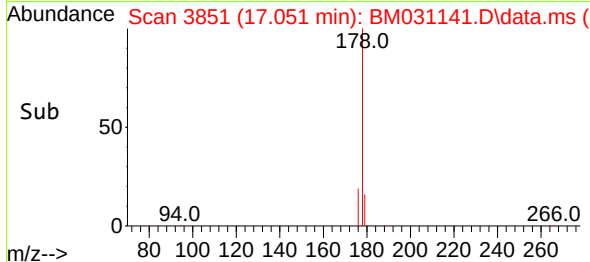
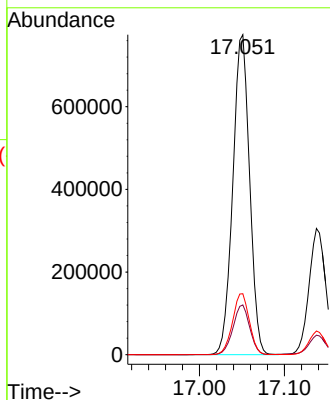
Instrument :
BNA_M
ClientSampled :
BGEB3



Tgt Ion:178 Resp: 1061504
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.1 15.4 23.2

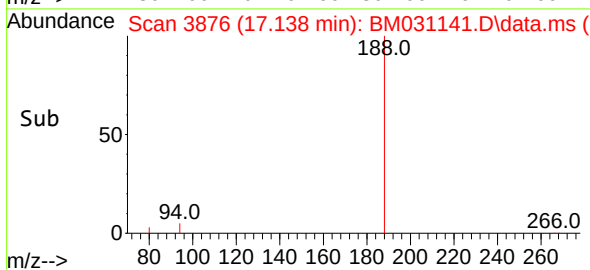
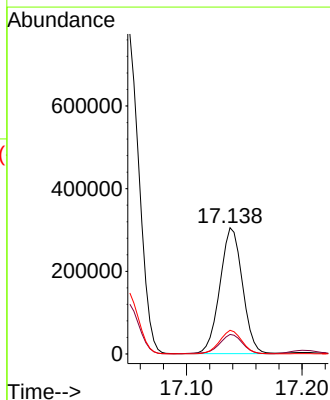
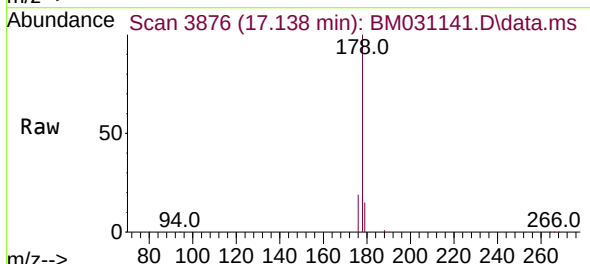
Manual Integrations
APPROVED

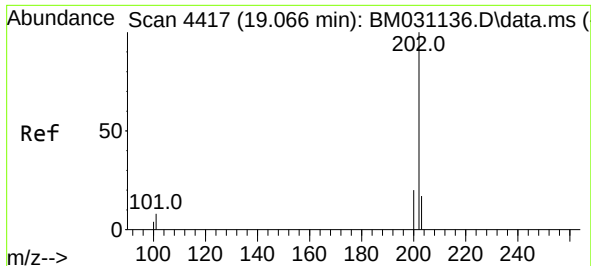
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#16
Anthracene
Concen: 18.77 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

Tgt Ion:178 Resp: 413055
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.8
176 18.7 15.7 23.5





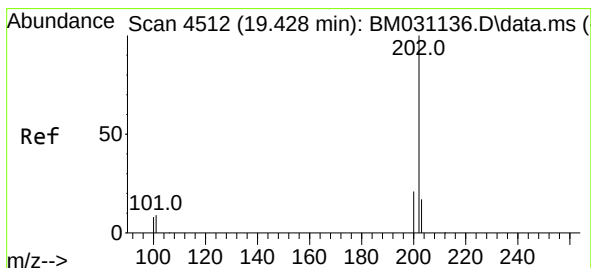
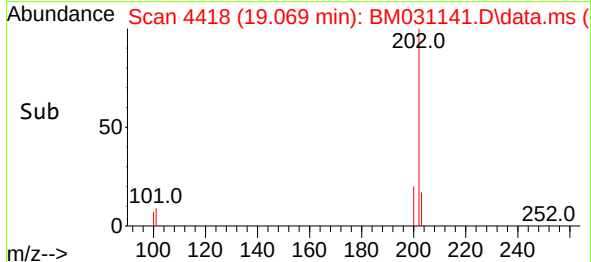
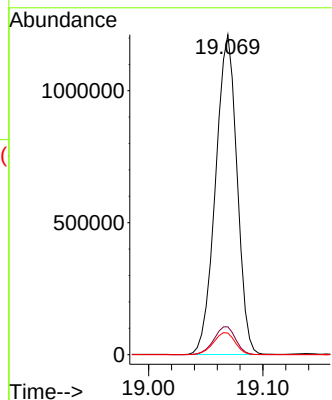
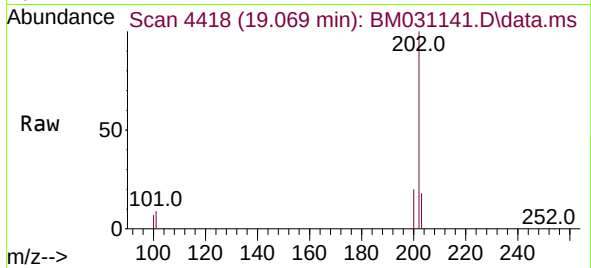
#19
Fluoranthene
Concen: 39.39 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. -0.000 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

Tgt Ion:202 Resp: 1581433
Ion Ratio Lower Upper
202 100
101 8.7 6.0 9.0
100 6.7 4.8 7.2

Instrument :
BNA_M
ClientSampleId :
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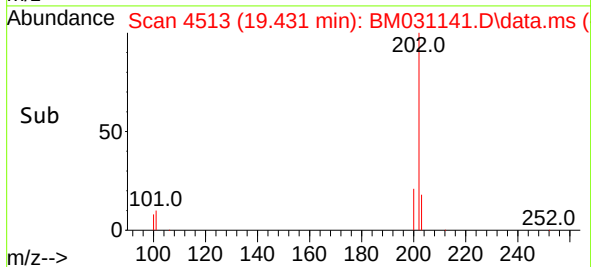
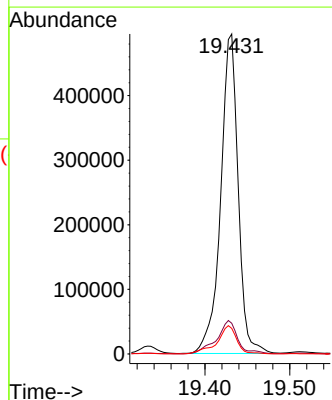
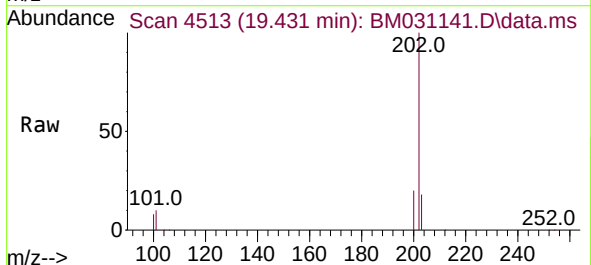
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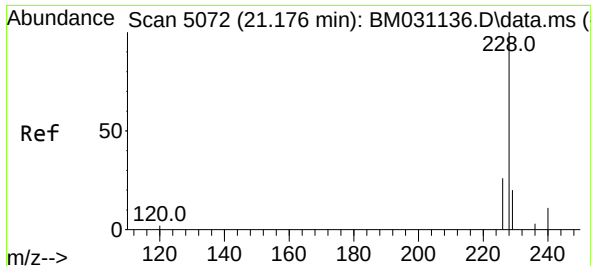
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#20
Pyrene
Concen: 17.27 ng/ul
RT: 19.431 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

Tgt Ion:202 Resp: 707718
Ion Ratio Lower Upper
202 100
101 9.6 7.4 11.0
100 8.0 6.0 9.0





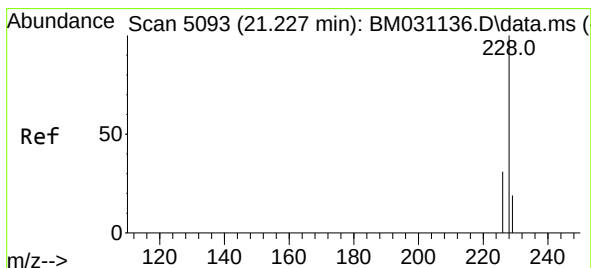
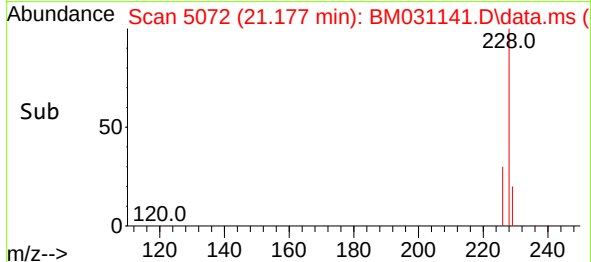
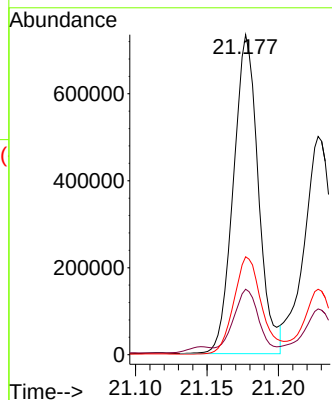
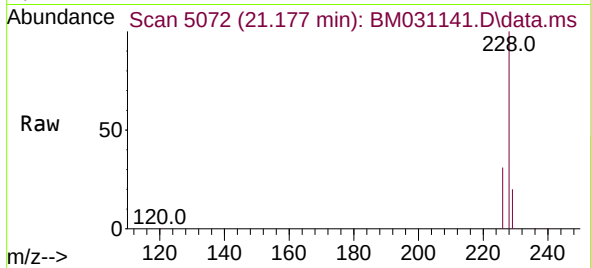
#21
Benzo(a)anthracene
Concen: 22.34 ng/ul
RT: 21.177 min Scan# 5072
Delta R.T. -0.006 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

Tgt Ion:228 Resp: 889873
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 30.6 21.4 32.2

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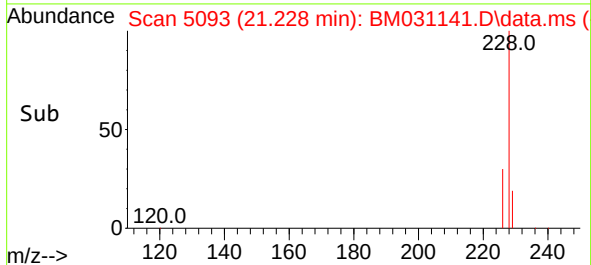
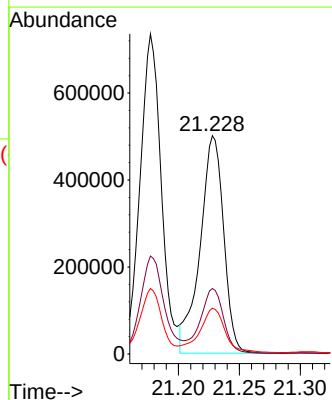
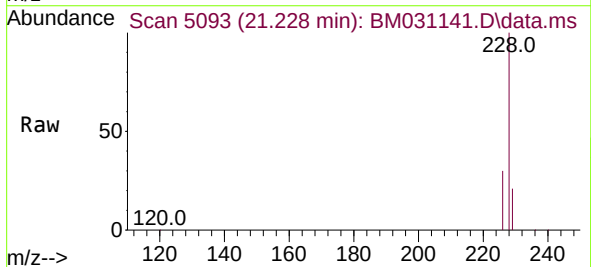
Manual Integrations
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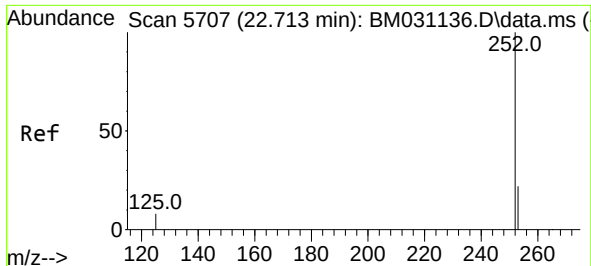
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#22
Chrysene
Concen: 15.58 ng/ul
RT: 21.228 min Scan# 5093
Delta R.T. -0.006 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

Tgt Ion:228 Resp: 671469
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 20.9 15.8 23.8





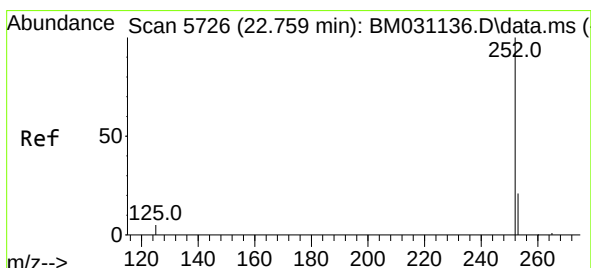
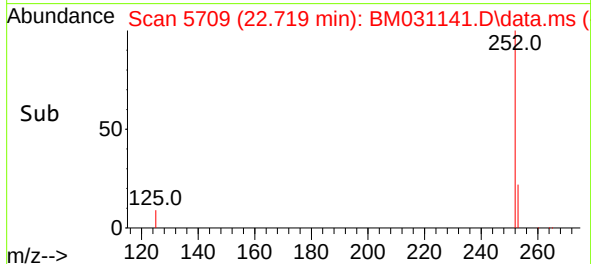
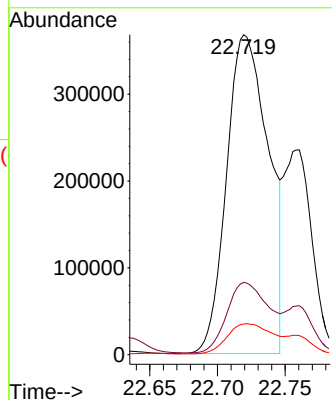
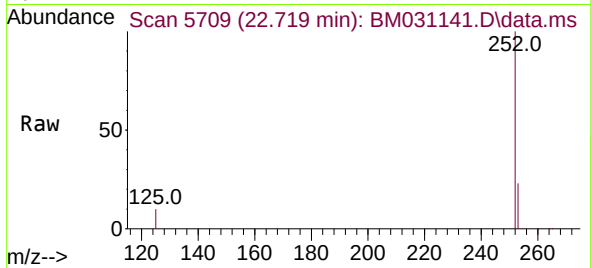
#24
Benzo(b)fluoranthene
Concen: 16.30 ng/ul m
RT: 22.719 min Scan# 5709
Delta R.T. -0.006 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

Tgt Ion:252 Resp: 789786
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 9.6 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGE3

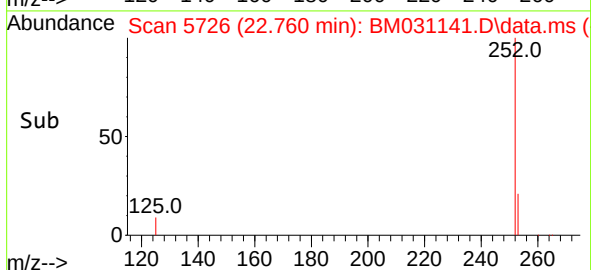
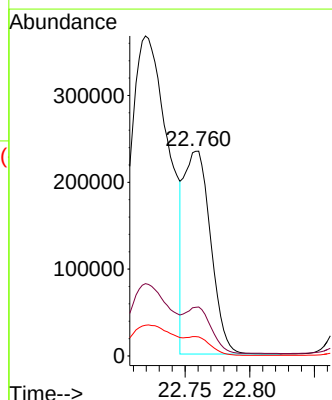
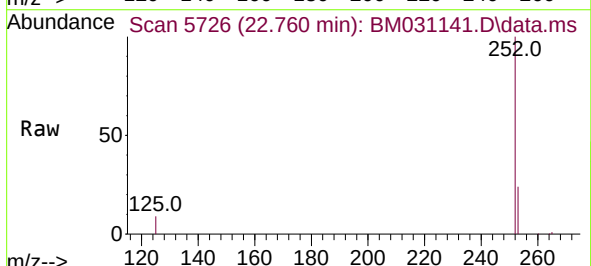
Manual Integrations
APPROVED

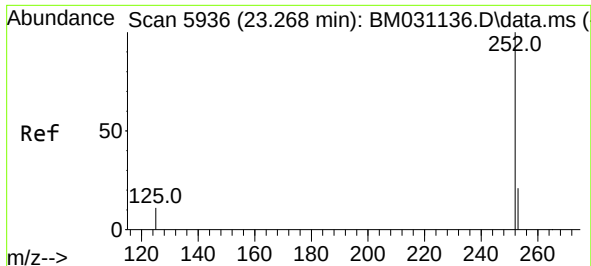
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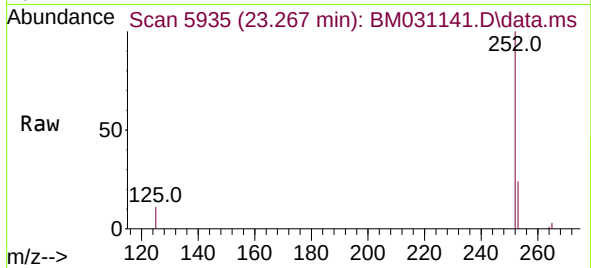
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Benzo(k)fluoranthene
Concen: 6.81 ng/ul m
RT: 22.760 min Scan# 5726
Delta R.T. -0.006 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54

Tgt Ion:252 Resp: 334687
Ion Ratio Lower Upper
252 100
253 23.9 21.6 32.4
125 9.3 8.6 13.0

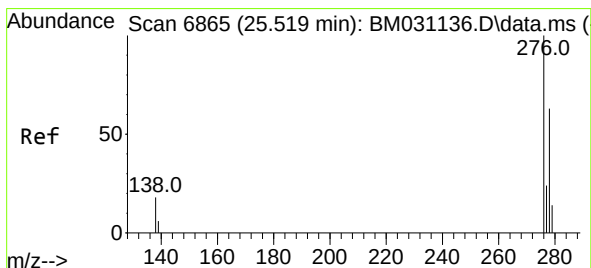
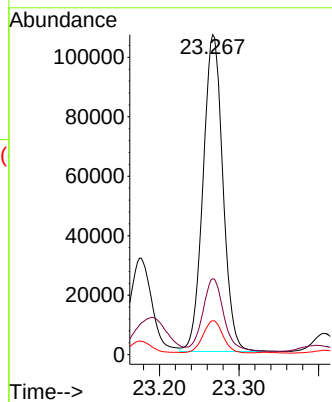
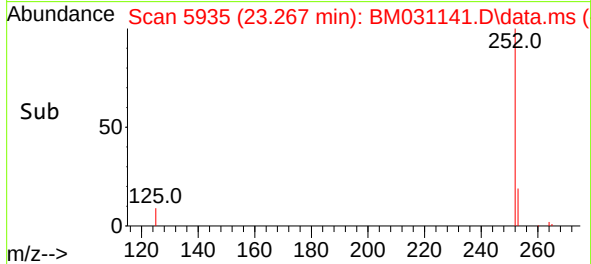




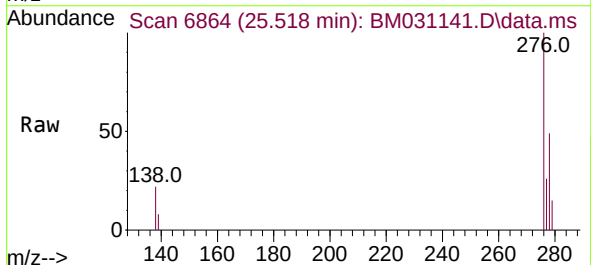
#26
Benzo(a)pyrene
Concen: 4.41 ng/ul
RT: 23.267 min Scan# 5935
Delta R.T. -0.013 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



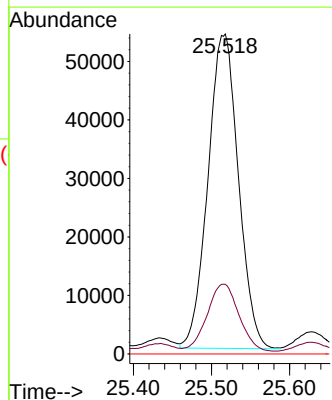
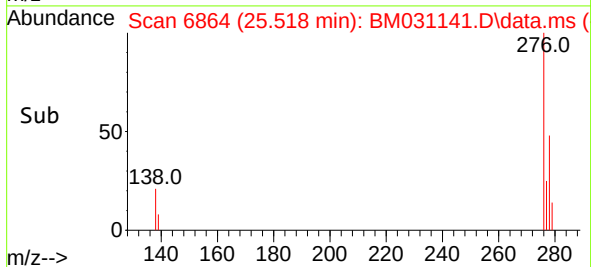
Tgt Ion:252 Resp: 184885
Ion Ratio Lower Upper
252 100
253 23.7 23.1 34.7
125 10.6 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.65 ng/ul
RT: 25.518 min Scan# 6864
Delta R.T. -0.016 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



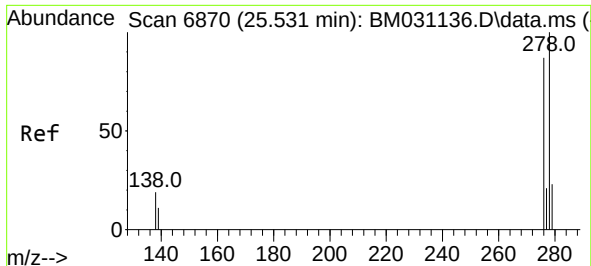
Tgt Ion:276 Resp: 145561
Ion Ratio Lower Upper
276 100
138 22.1 15.4 23.0
227 0.0 0.0 0.0



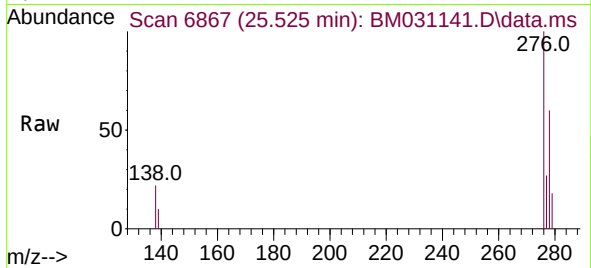
Instrument :
BNA_M
ClientSampled :
BGEB3

Manual Integrations
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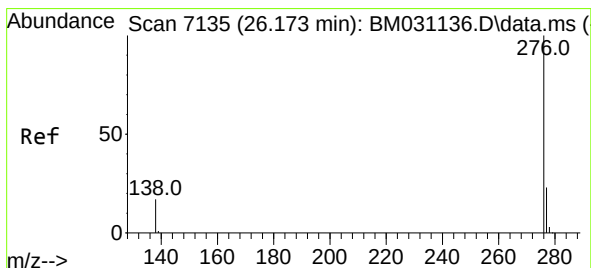
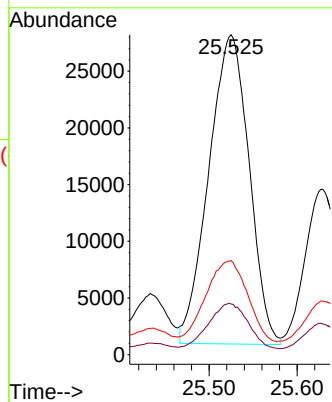
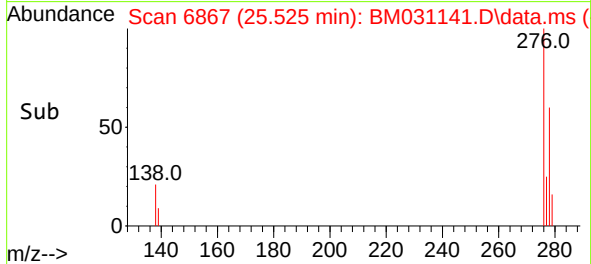
mohammad
7/26/2021 1:27:20 PM



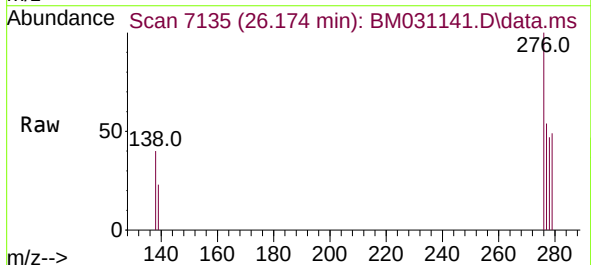
#28
Dibenzo(a,h)anthracene
Concen: 1.97 ng/ul
RT: 25.525 min Scan# 6867
Delta R.T. -0.021 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



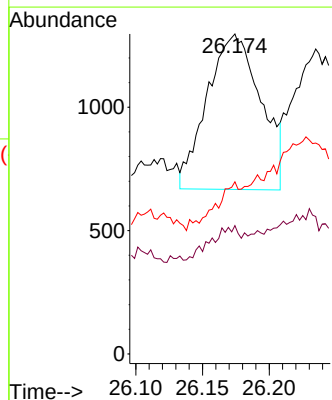
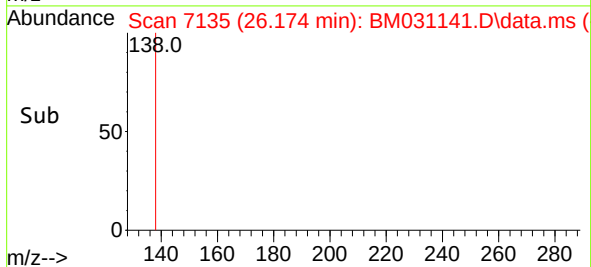
Tgt Ion: 278 Resp: 86794
Ion Ratio Lower Upper
278 100
139 15.9 12.6 18.8
279 29.4 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.174 min Scan# 7135
Delta R.T. -0.018 min
Lab File: BM031141.D
Acq: 25 Jul 2021 04:54



Tgt Ion: 276 Resp: 1764
Ion Ratio Lower Upper
276 100
138 40.1 14.0 21.0#
277 53.8 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
BGE3

Manual Integrations
APPROVED

mohammad
7/26/2021 1:27:20 PM