

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032080.D
 Acq On : 04 Sep 2021 16:38
 Operator : CG/JU
 Sample : M3486-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B25

Manual Integrations
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Quant Time: Sep 06 02:38:29 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	1760	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	6019	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	2979	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.852	188	5860	0.400	ng/ul	-0.01
17) Chrysene-d12	21.062	240	4761	0.400	ng/ul	-0.01
23) Perylene-d12	23.176	264	5556	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	4278	2.213	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.809	152	1191	0.128	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	2594	0.186	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	6666	0.417	ng/ul	96
7) 2-Methylnaphthalene	11.881	142	4791	0.430	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	3781	0.345	ng/ul	97
10) Acenaphthylene	13.815	152	748	0.062	ng/ul#	76
15) Phenanthrene	16.893	178	5224	0.293	ng/ul	99
16) Anthracene	16.983	178	664	0.042	ng/ul#	73
19) Fluoranthene	18.923	202	3908	0.190	ng/ul#	94
20) Pyrene	19.285	202	5055	0.238	ng/ul#	93
21) Benzo(a)anthracene	21.047	228	2409	0.139	ng/ul	92
22) Chrysene	21.098	228	3370	0.169	ng/ul#	92
24) Benzo(b)fluoranthene	22.553	252	5390m	0.211	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	1613m	0.061	ng/ul	
26) Benzo(a)pyrene	23.084	252	3373	0.151	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.245	276	2911	0.096	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.252	278	843	0.034	ng/ul#	18
29) Benzo(g,h,i)perylene	25.875	276	2976	0.110	ng/ul#	87

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

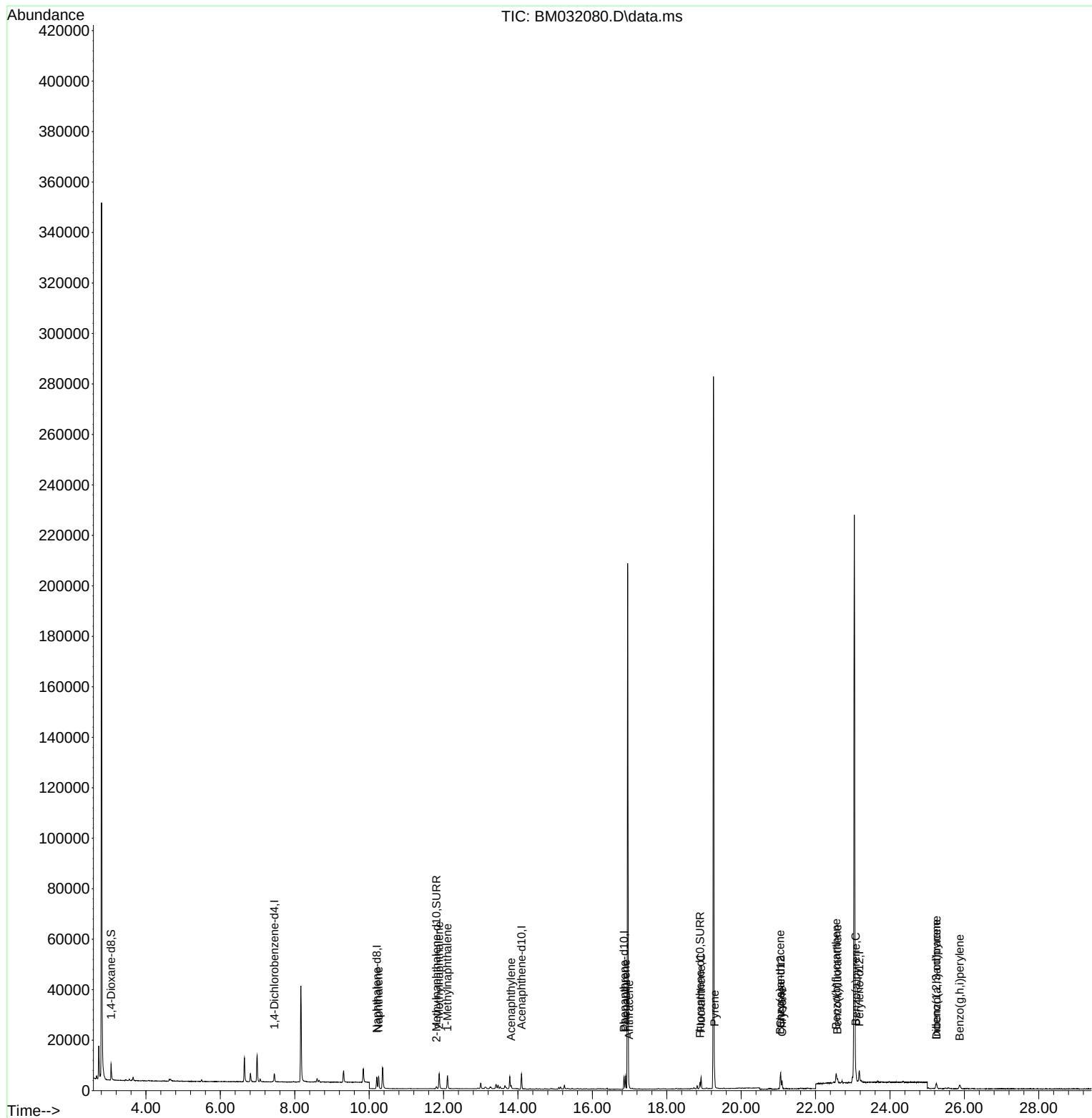
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032080.D
Acq On : 04 Sep 2021 16:38
Operator : CG/JU
Sample : M3486-17
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ALS Vial : 38 Sample Multiplier: 1

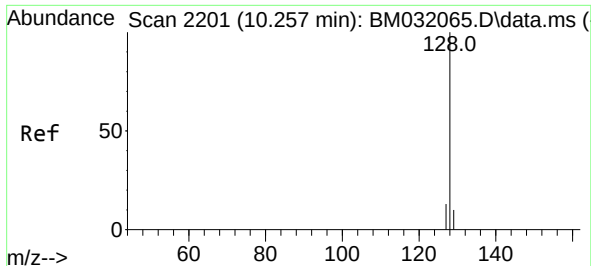
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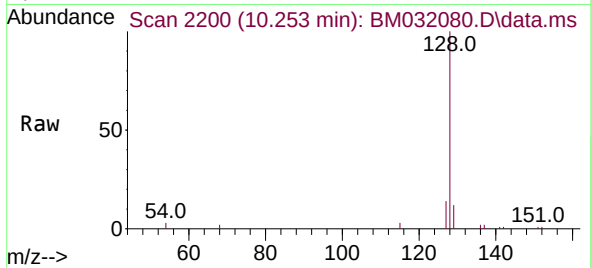
Quant Time: Sep 06 02:38:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.417 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

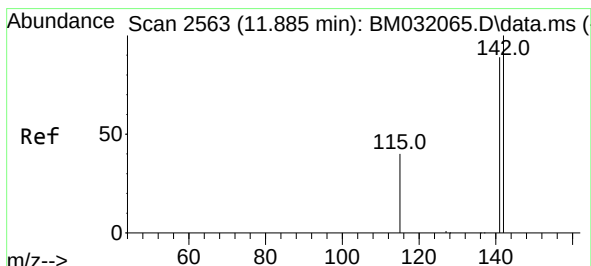
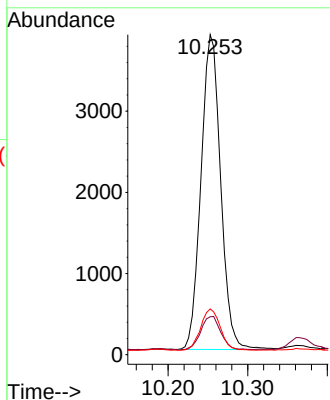
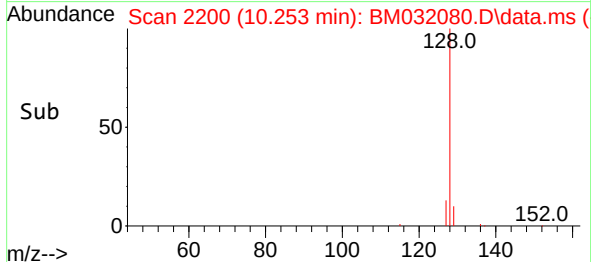
Instrument :
BNA_M
ClientSampled :
C0B25



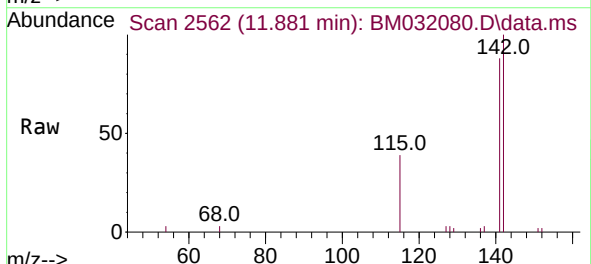
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.9	16.3
127	14.3	12.4	18.6

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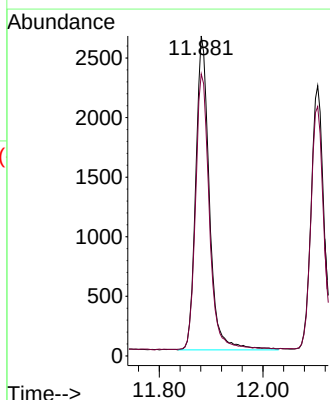
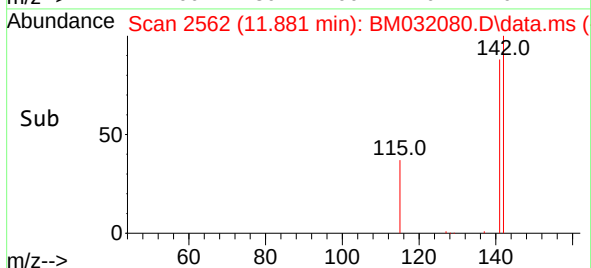
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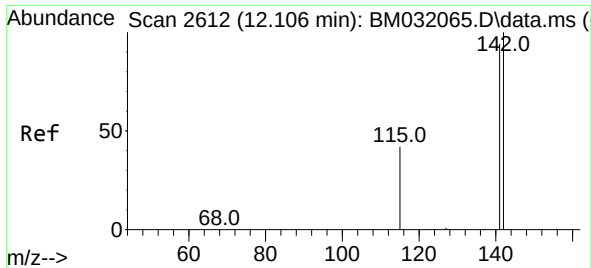


#7
2-Methylnaphthalene
Concen: 0.430 ng/ul
RT: 11.881 min Scan# 2562
Delta R.T. -0.018 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38



Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5





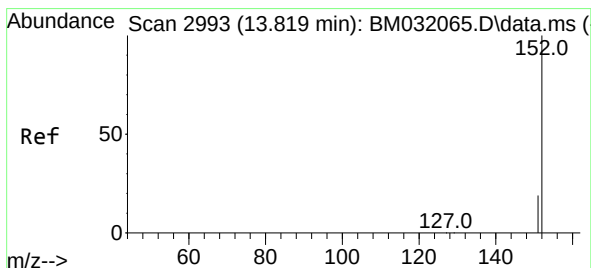
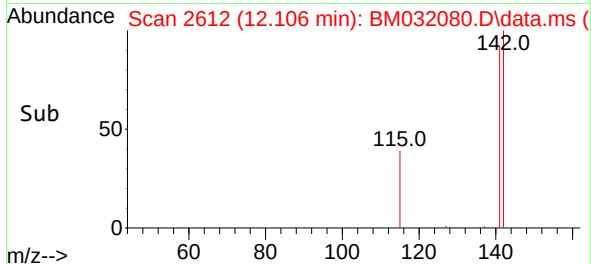
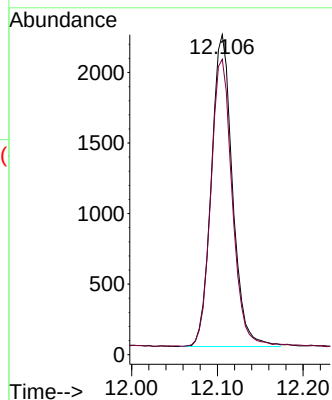
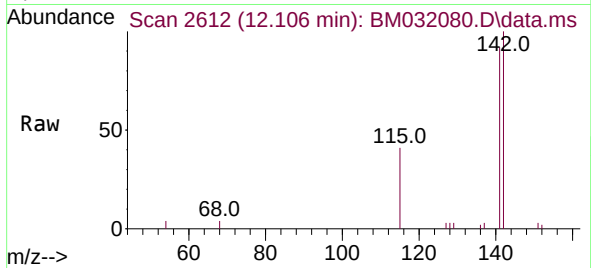
#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

Tgt Ion:142 Resp: 3781
Ion Ratio Lower Upper
142 100
141 92.8 72.2 108.2

Instrument :
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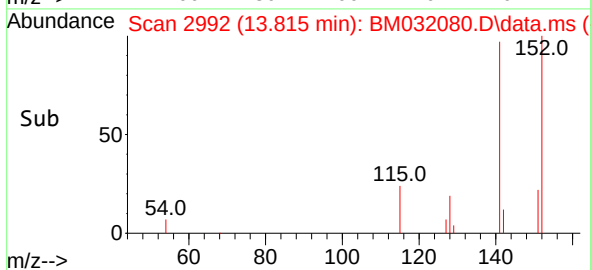
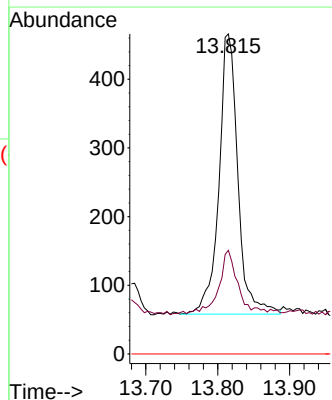
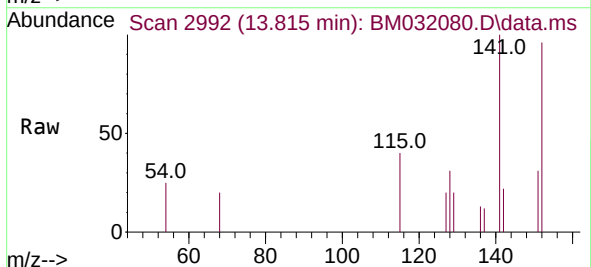
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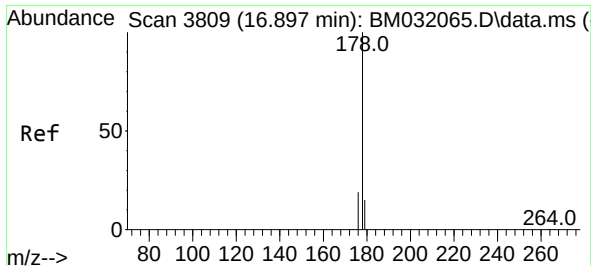
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#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

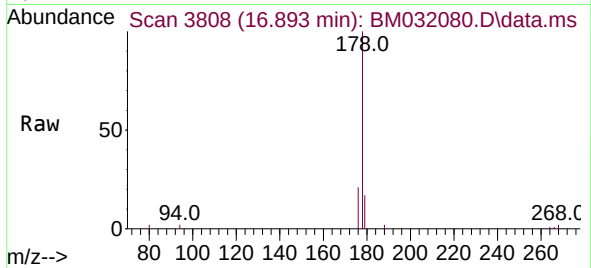
Tgt Ion:152 Resp: 748
Ion Ratio Lower Upper
152 100
151 32.4 17.0 25.4#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.293 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

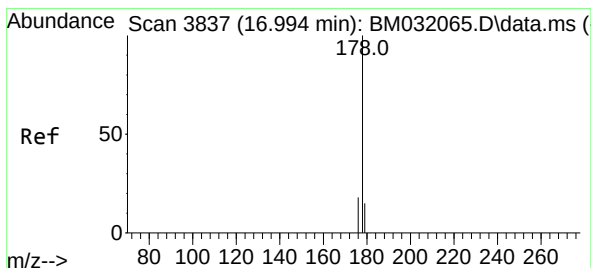
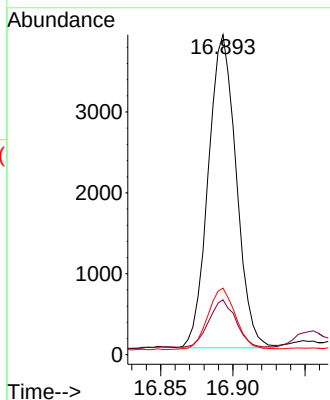
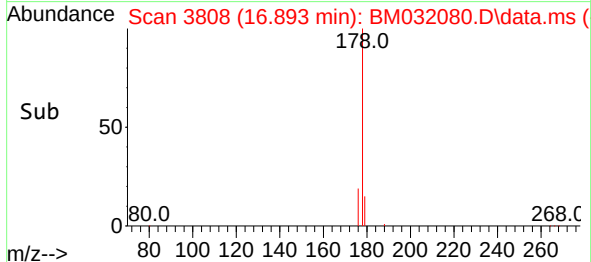
Instrument :
BNA_M
ClientSampled :
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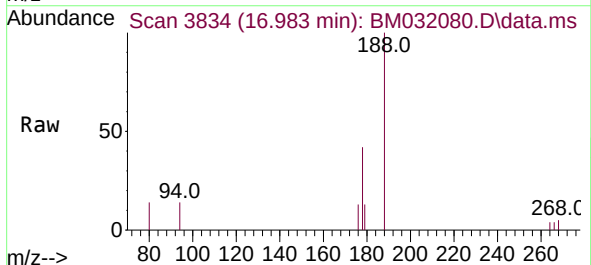
Tgt Ion:178 Resp: 5224
Ion Ratio Lower Upper
178 100
179 17.1 13.3 19.9
176 20.8 16.7 25.1

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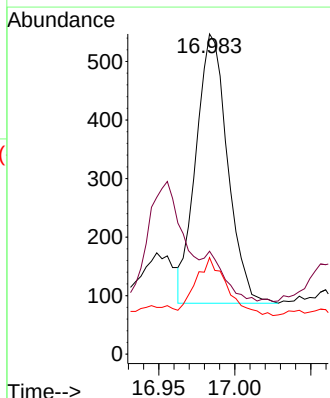
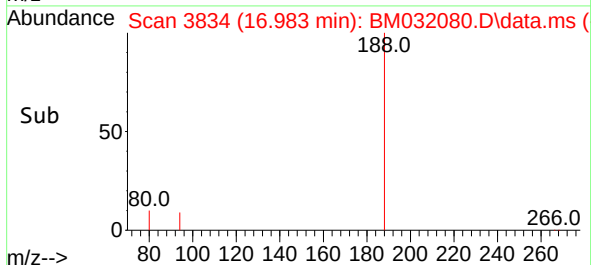
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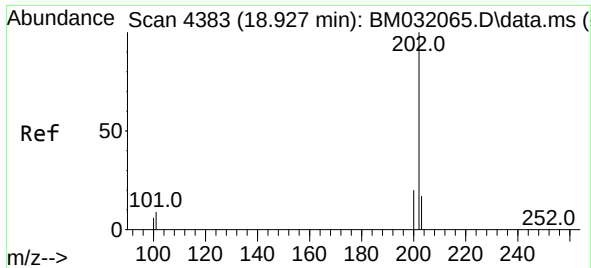


#16
Anthracene
Concen: 0.042 ng/ul
RT: 16.983 min Scan# 3834
Delta R.T. -0.024 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

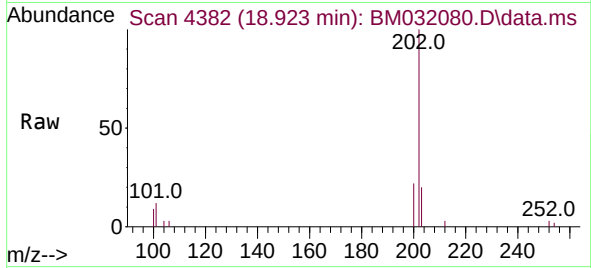


Tgt Ion:178 Resp: 664
Ion Ratio Lower Upper
178 100
179 32.2 14.3 21.5#
176 30.2 15.8 23.8#

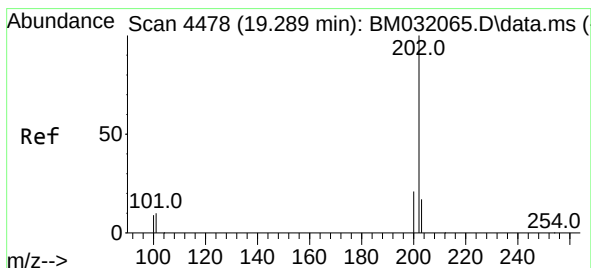
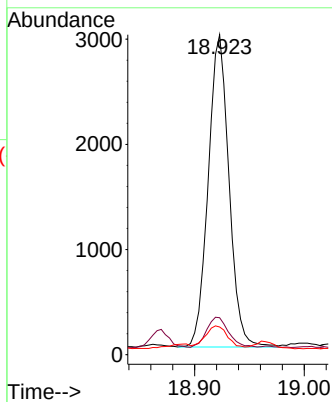
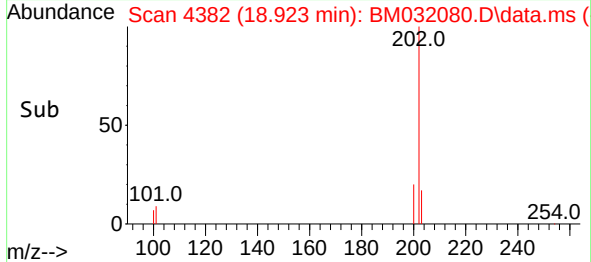




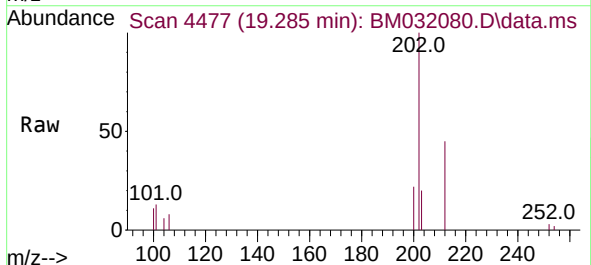
#19
Fluoranthene
Concen: 0.190 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38



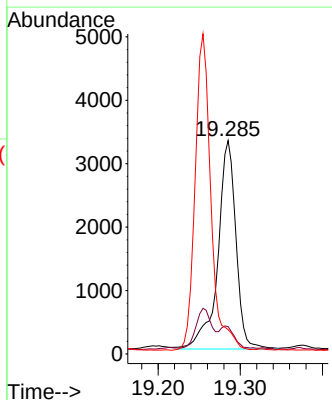
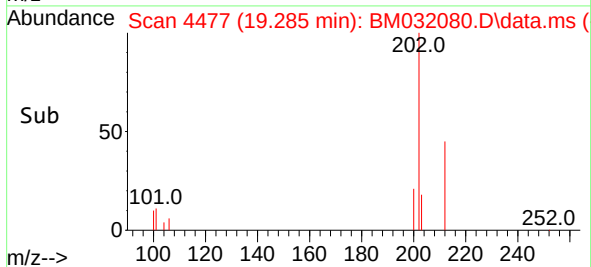
Tgt Ion:202 Resp: 3908
Ion Ratio Lower Upper
202 100
101 11.6 7.2 10.8#
100 8.7 5.8 8.6#



#20
Pyrene
Concen: 0.238 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38



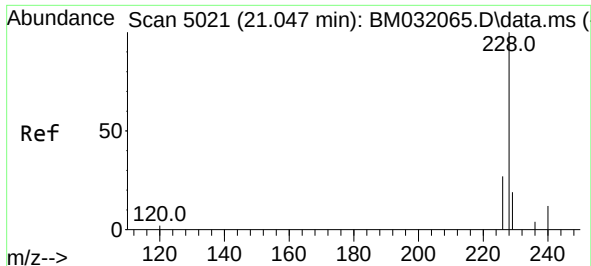
Tgt Ion:202 Resp: 5055
Ion Ratio Lower Upper
202 100
101 12.9 8.2 12.4#
100 11.4 7.0 10.6#



Instrument :
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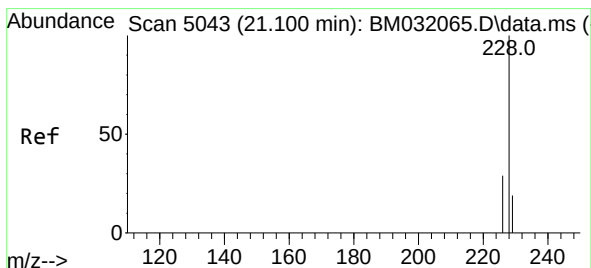
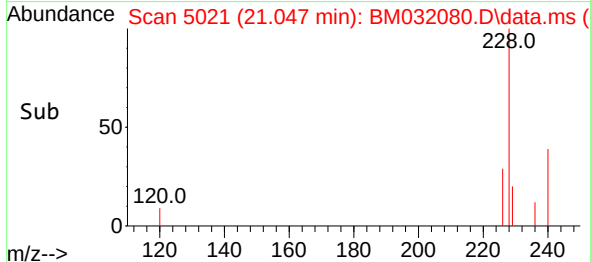
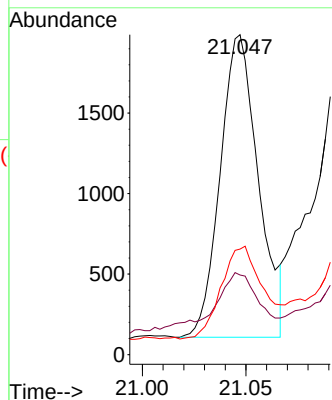
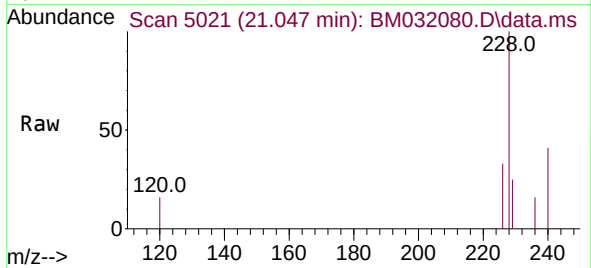
#21
Benzo(a)anthracene
Concen: 0.139 ng/ul
RT: 21.047 min Scan# 5021
Delta R.T. -0.012 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

Tgt Ion:	228	Resp:	2409
Ion Ratio	Lower	Upper	
228	100		
229	24.9	17.1	25.7
226	33.0	23.1	34.7

Instrument :
BNA_M
ClientSampled :
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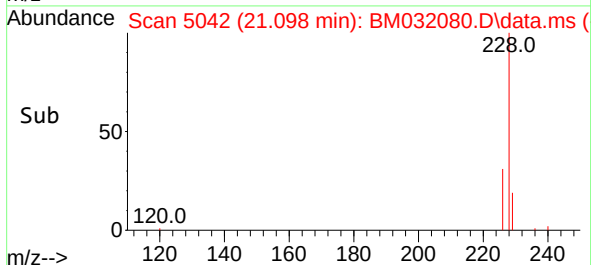
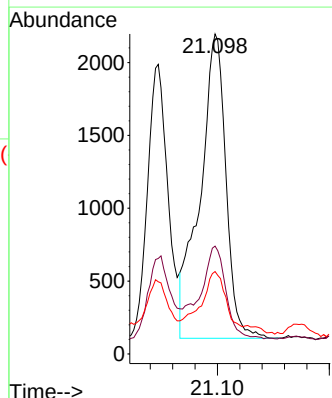
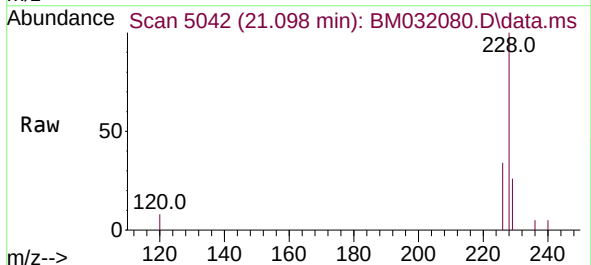
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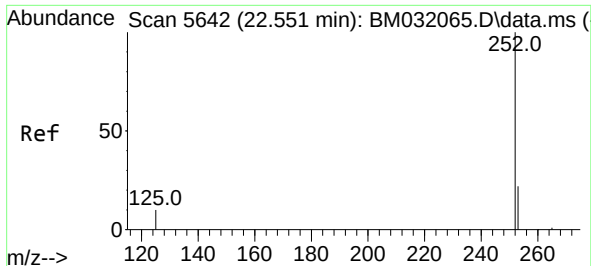
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#22
Chrysene
Concen: 0.169 ng/ul
RT: 21.098 min Scan# 5042
Delta R.T. -0.012 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

Tgt Ion:	228	Resp:	3370
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.2	36.2
229	25.7	16.3	24.5#





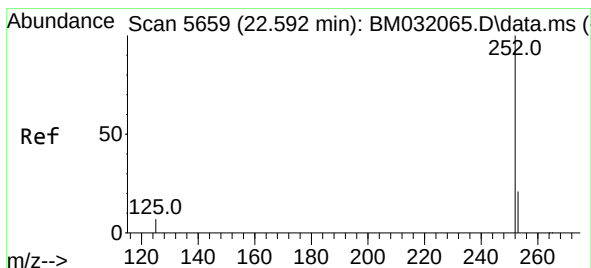
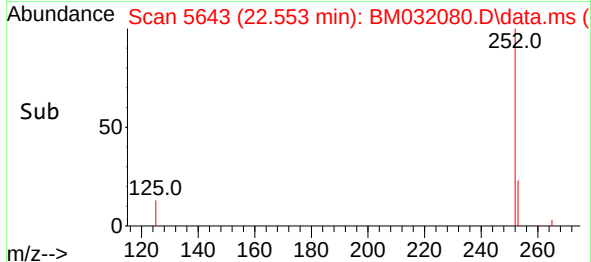
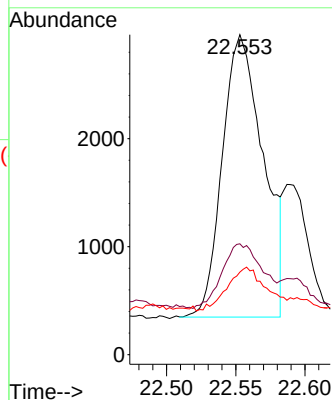
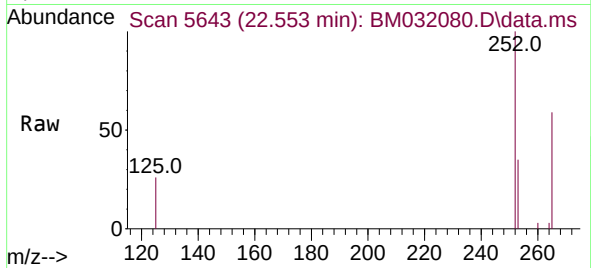
#24
Benzo(b)fluoranthene
Concen: 0.211 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.7	0.0	61.0
125	25.8	0.0	28.4

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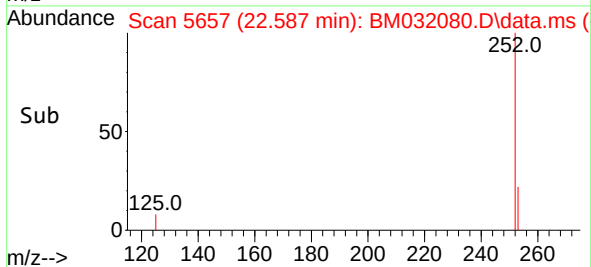
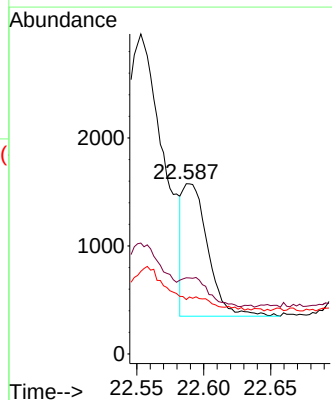
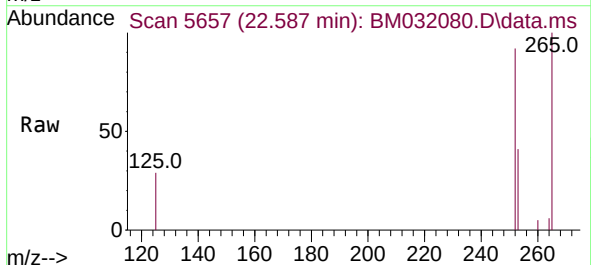
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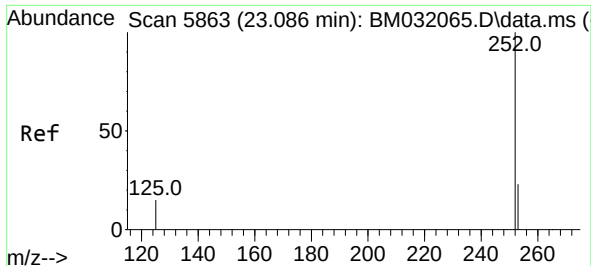
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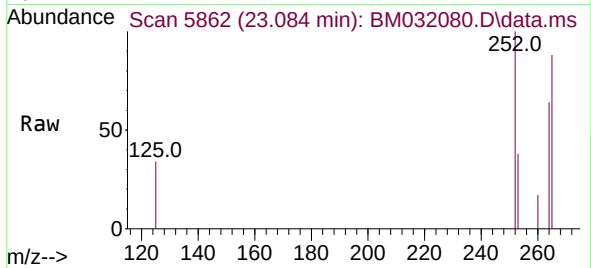
#25
Benzo(k)fluoranthene
Concen: 0.061 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.7	25.2	37.8#
125	32.0	11.0	16.4#

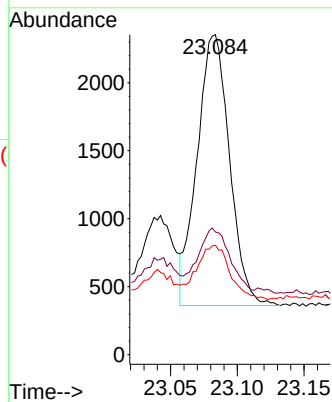
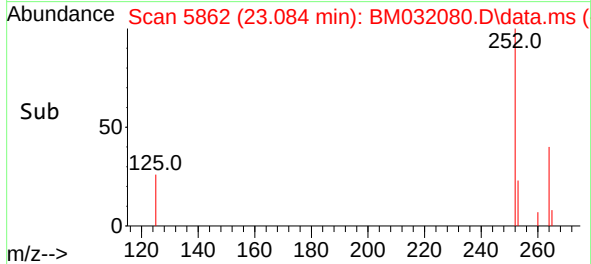




#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.084 min Scan# 5862
Delta R.T. -0.022 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38



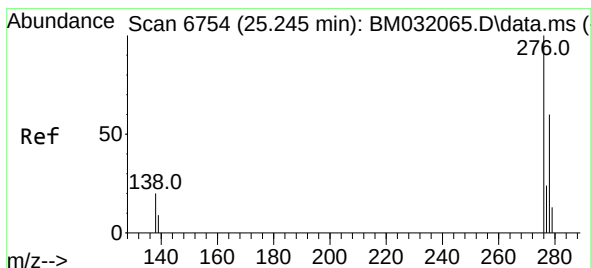
Tgt Ion:252 Resp: 3373
Ion Ratio Lower Upper
252 100
253 38.3 28.8 43.2
125 34.2 13.9 20.9#



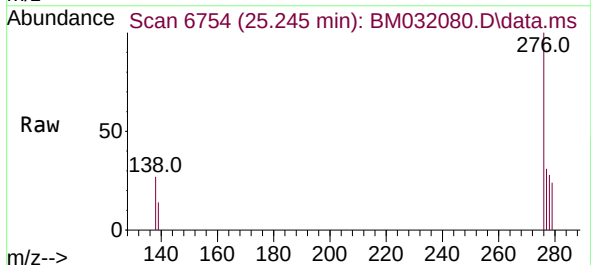
Instrument :
BNA_M
ClientSampled :
C0B25

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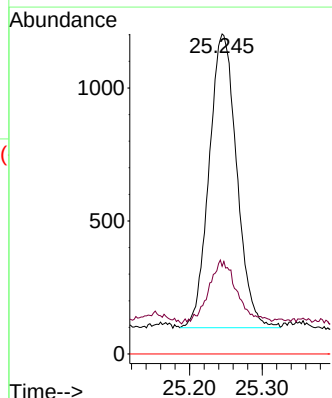
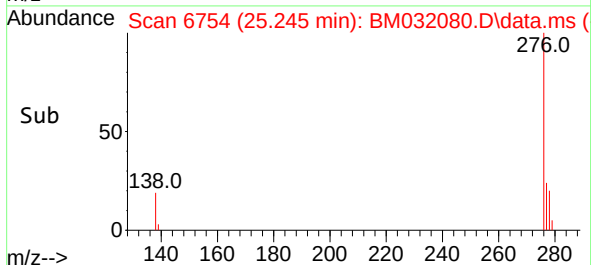
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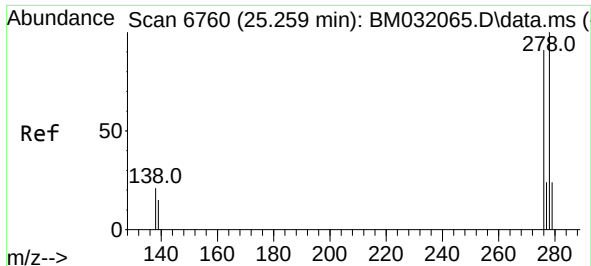


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.096 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.027 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38

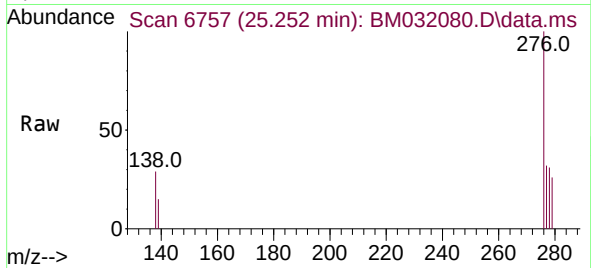


Tgt Ion:276 Resp: 2911
Ion Ratio Lower Upper
276 100
138 22.6 14.1 21.1#
227 0.0 0.0 0.0

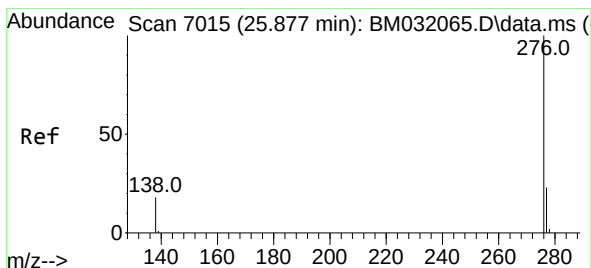
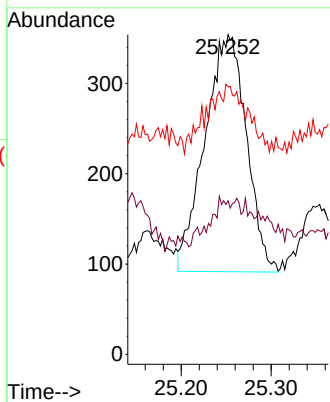
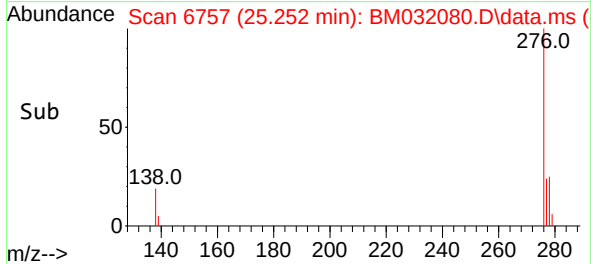




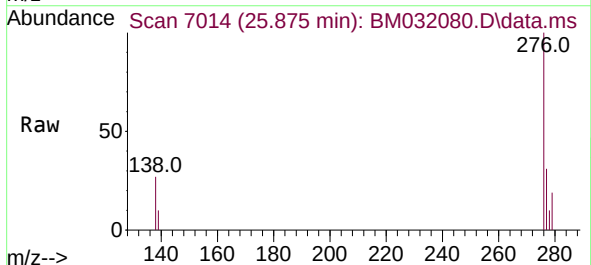
#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul
RT: 25.252 min Scan# 6757
Delta R.T. -0.034 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38



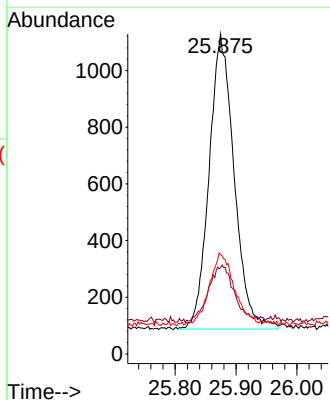
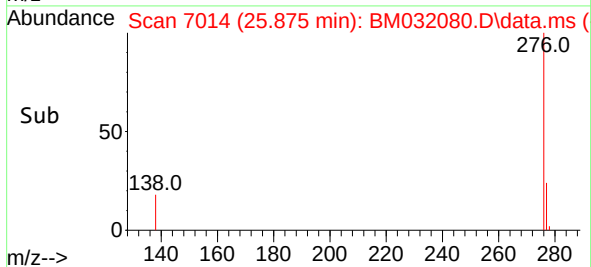
Tgt Ion: 278 Resp: 843
Ion Ratio Lower Upper
278 100
139 48.0 13.4 20.0#
279 83.6 27.2 40.8#



#29
Benzo(g,h,i)perylene
Concen: 0.110 ng/ul
RT: 25.875 min Scan# 7014
Delta R.T. -0.029 min
Lab File: BM032080.D
Acq: 04 Sep 2021 16:38



Tgt Ion: 276 Resp: 2976
Ion Ratio Lower Upper
276 100
138 27.0 14.5 21.7#
277 31.0 21.2 31.8



Instrument :
BNA_M
ClientSampled :
C0B25

Manual Integrations
APPROVED

mohammad
9/7/2021 11:38:48 AM