

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032081.D
 Acq On : 04 Sep 2021 17:15
 Operator : CG/JU
 Sample : M3486-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B41

Manual Integrations
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Quant Time: Sep 06 02:43:40 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	1816	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	6096	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.095	164	2984	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.852	188	5731	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.059	240	4632	0.400	ng/ul	-0.01
23) Perylene-d12	23.173	264	5341	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.061	96	4636	2.324	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.804	152	1251	0.133	ng/ul	-0.02
18) Fluoranthene-d10	18.889	212	2217	0.163	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	6006	0.371	ng/ul	97
7) 2-Methylnaphthalene	11.881	142	4563	0.404	ng/ul	97
8) 1-Methylnaphthalene	12.106	142	3814	0.343	ng/ul	96
10) Acenaphthylene	13.815	152	855	0.071	ng/ul#	77
15) Phenanthrene	16.893	178	12464	0.715	ng/ul	98
16) Anthracene	16.983	178	639	0.042	ng/ul#	76
19) Fluoranthene	18.923	202	8334	0.416	ng/ul	97
20) Pyrene	19.285	202	8381	0.406	ng/ul	95
21) Benzo(a)anthracene	21.045	228	3802	0.225	ng/ul	96
22) Chrysene	21.096	228	6009	0.309	ng/ul	97
24) Benzo(b)fluoranthene	22.553	252	7400m	0.301	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	2361m	0.093	ng/ul	
26) Benzo(a)pyrene	23.084	252	4198	0.196	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.245	276	3441	0.118	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.250	278	1031	0.044	ng/ul#	37
29) Benzo(g,h,i)perylene	25.872	276	3195	0.123	ng/ul#	90

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

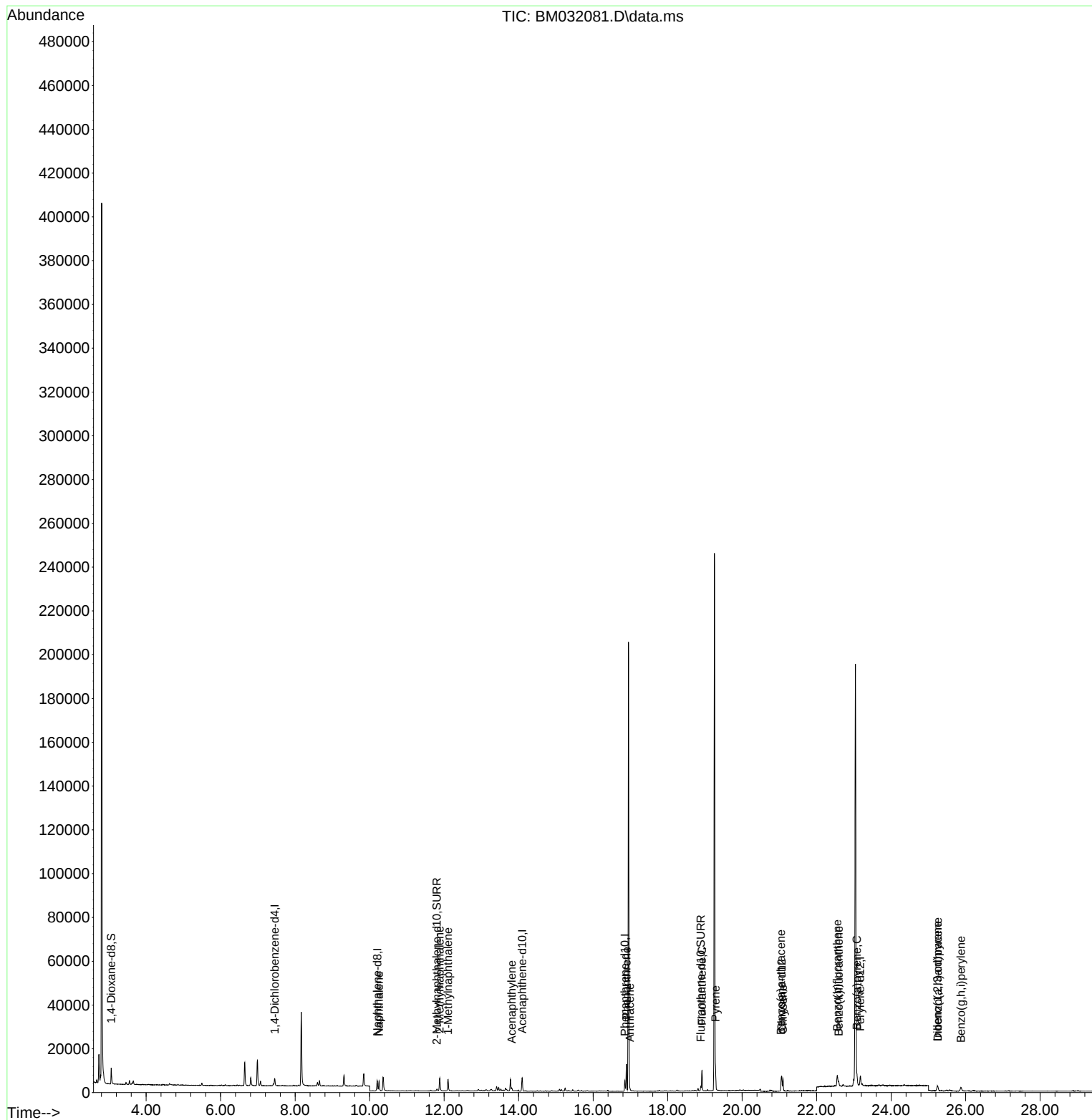
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
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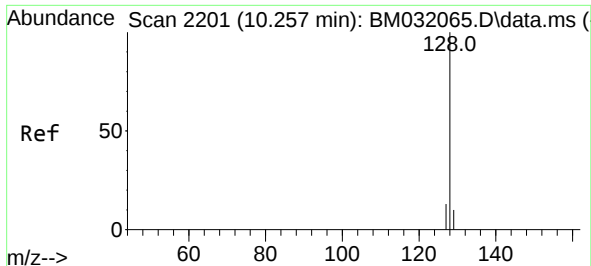
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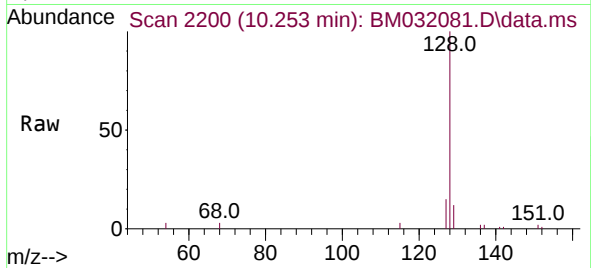
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Quant Time: Sep 06 02:43:40 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

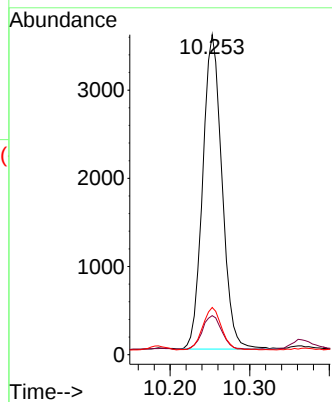
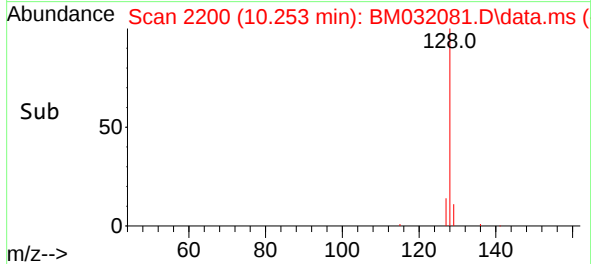




#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15



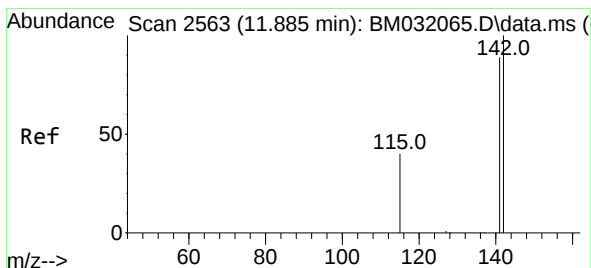
Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.9	16.3
127	14.8	12.4	18.6



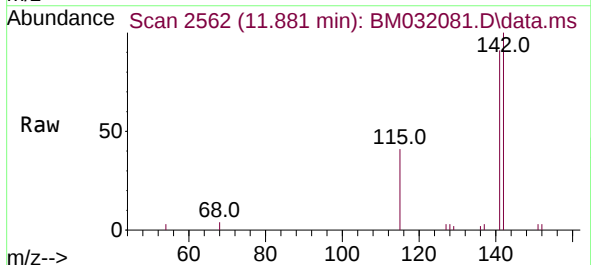
Instrument :
BNA_M
ClientSampled :
C0B41

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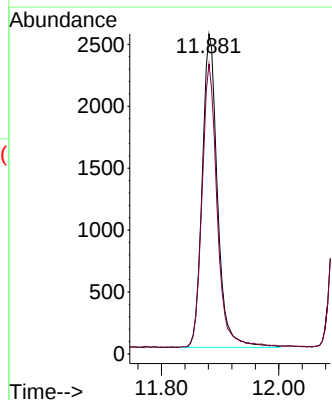
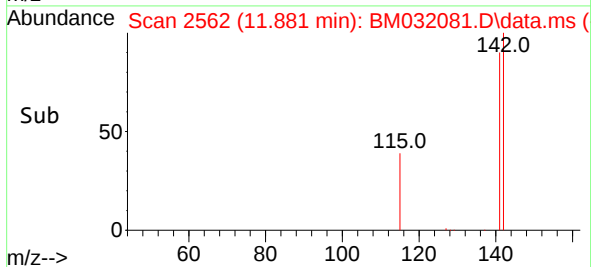
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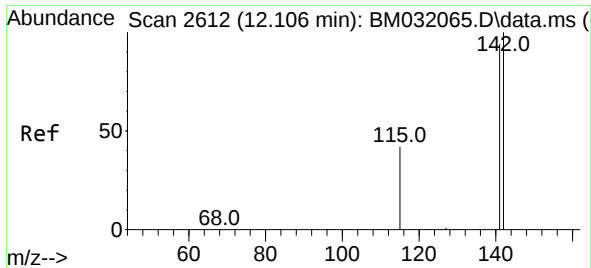


#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 11.881 min Scan# 2562
Delta R.T. -0.018 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15



Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5





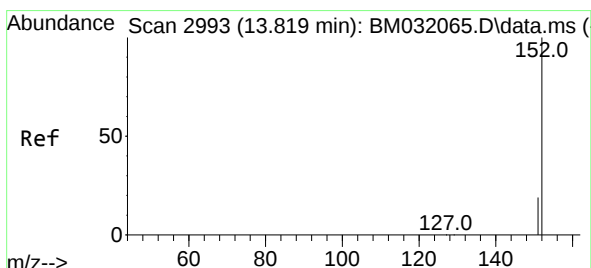
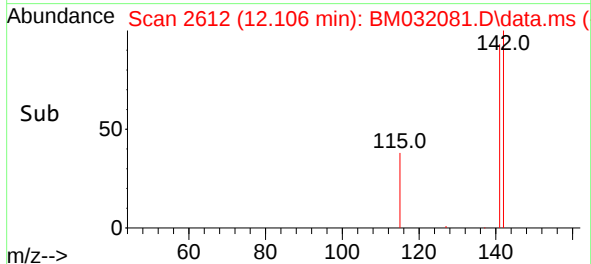
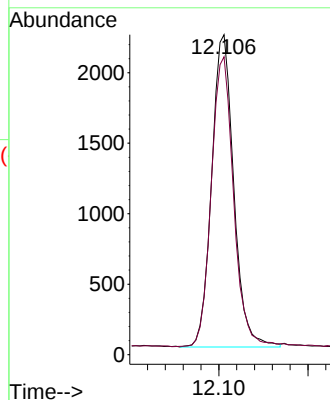
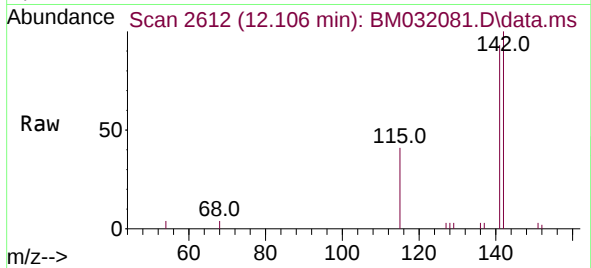
#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

Tgt Ion:142 Resp: 3814
Ion Ratio Lower Upper
142 100
141 93.5 72.2 108.2

Instrument :
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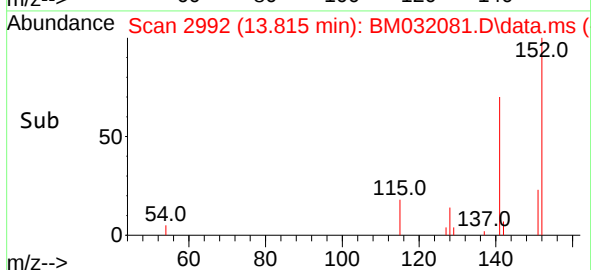
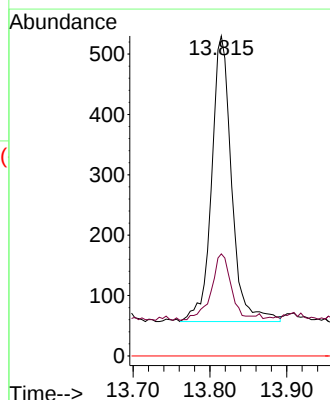
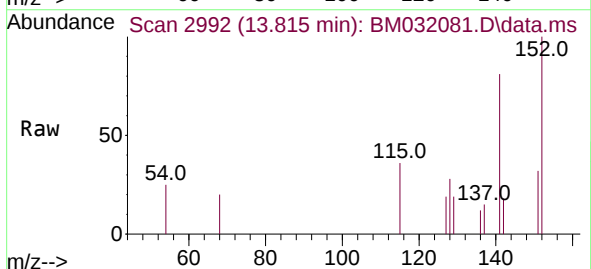
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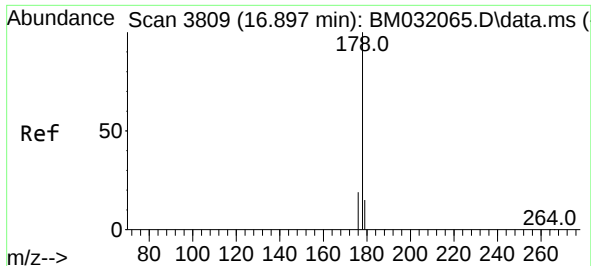
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#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

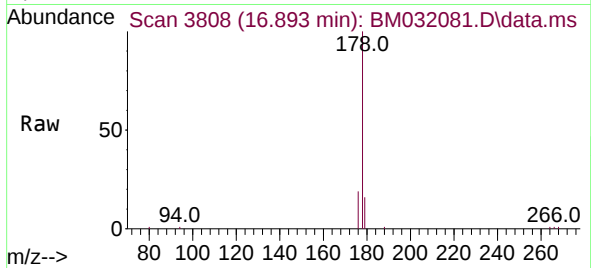
Tgt Ion:152 Resp: 855
Ion Ratio Lower Upper
152 100
151 31.9 17.0 25.4#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.715 ng/ul
RT: 16.893 min Scan# 3808
Delta R.T. -0.014 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

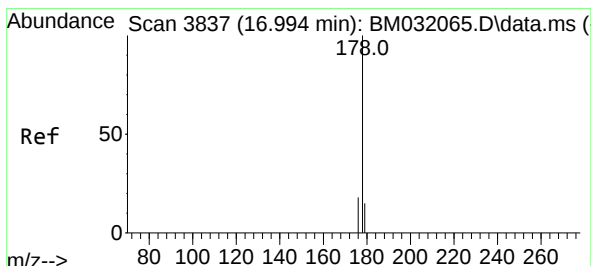
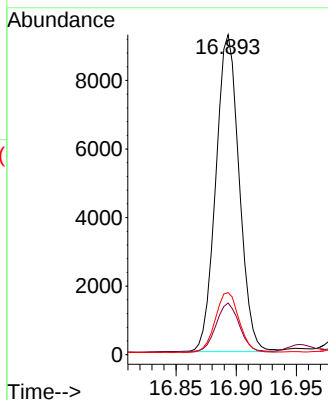
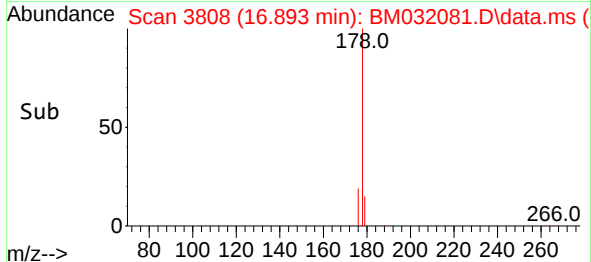
Instrument :
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ClientSampled :
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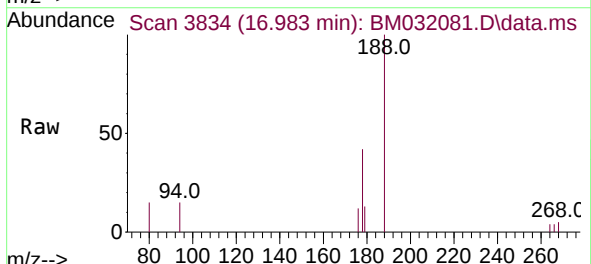
Tgt Ion:178 Resp: 12464
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.4 16.7 25.1

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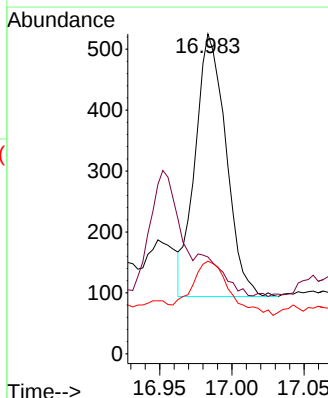
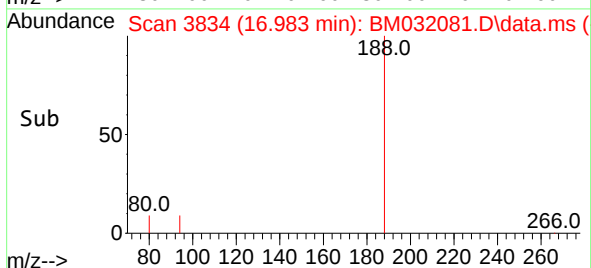
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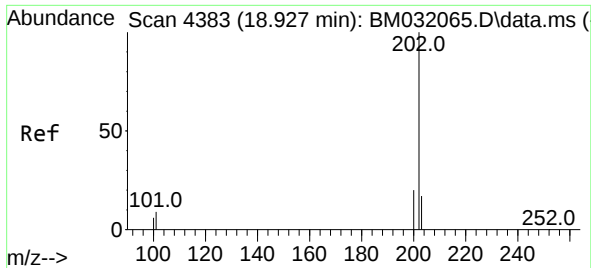


#16
Anthracene
Concen: 0.042 ng/ul
RT: 16.983 min Scan# 3834
Delta R.T. -0.024 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

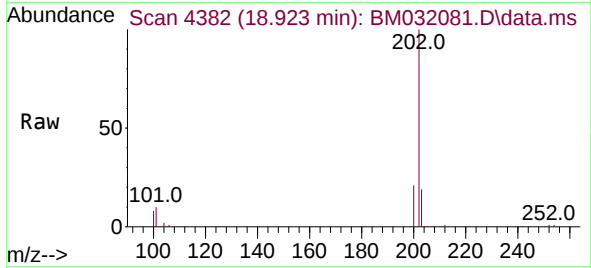


Tgt Ion:178 Resp: 639
Ion Ratio Lower Upper
178 100
179 30.3 14.3 21.5#
176 29.0 15.8 23.8#

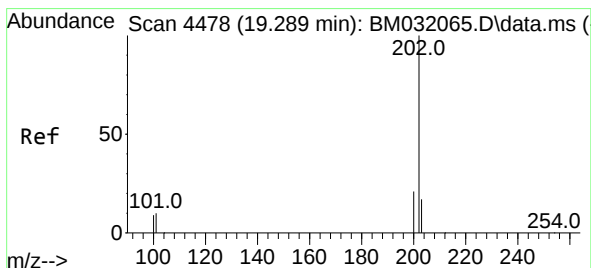
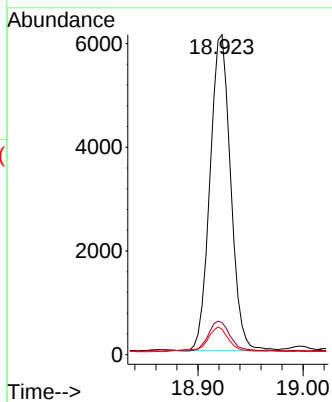
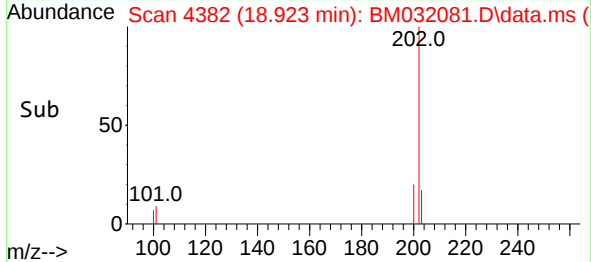




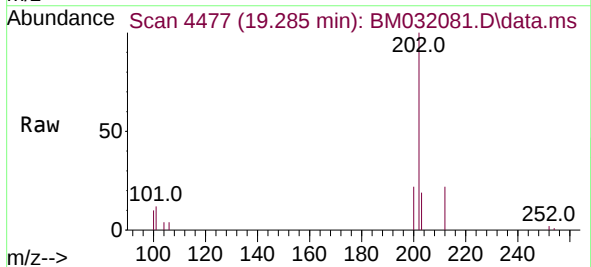
#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15



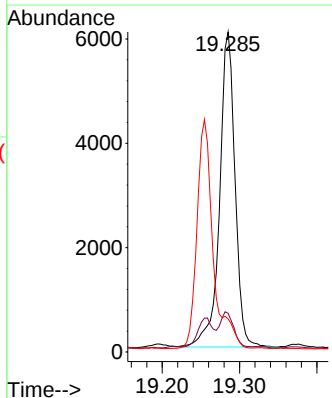
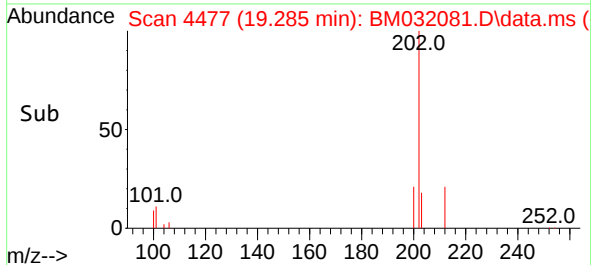
Tgt Ion:202 Resp: 8334
Ion Ratio Lower Upper
202 100
101 10.1 7.2 10.8
100 8.0 5.8 8.6



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15



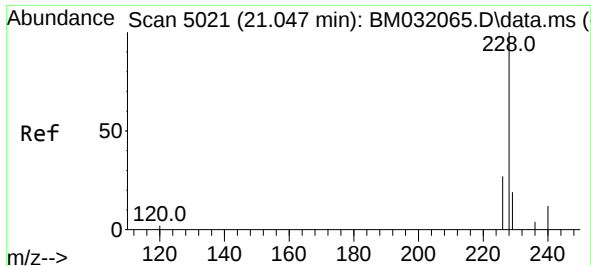
Tgt Ion:202 Resp: 8381
Ion Ratio Lower Upper
202 100
101 12.1 8.2 12.4
100 10.3 7.0 10.6



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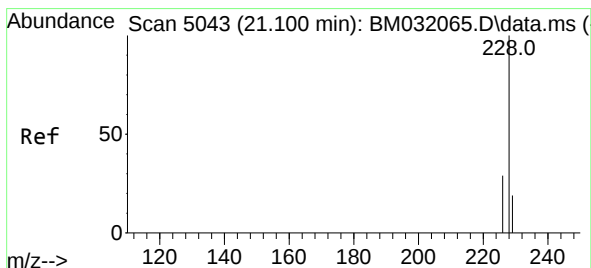
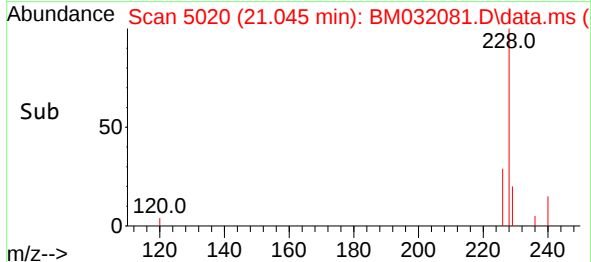
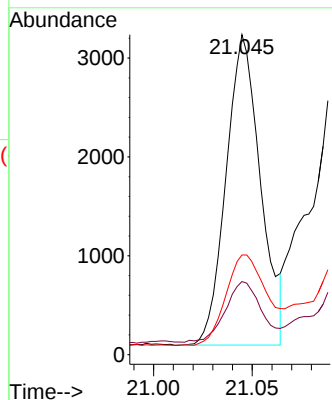
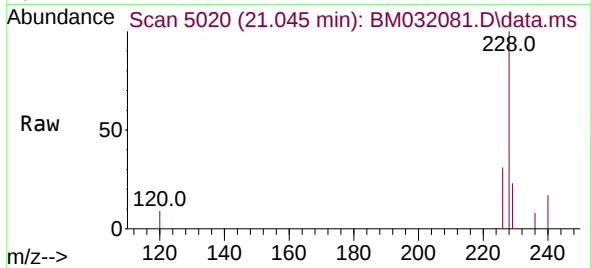
#21
Benzo(a)anthracene
Concen: 0.225 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

Tgt Ion:	228	Resp:	3802
Ion Ratio	Lower	Upper	
228	100		
229	22.8	17.1	25.7
226	31.1	23.1	34.7

Instrument :
BNA_M
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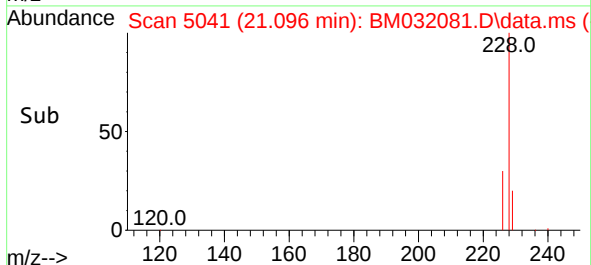
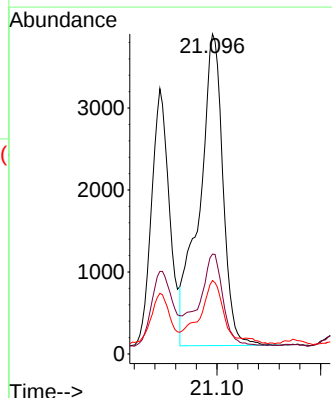
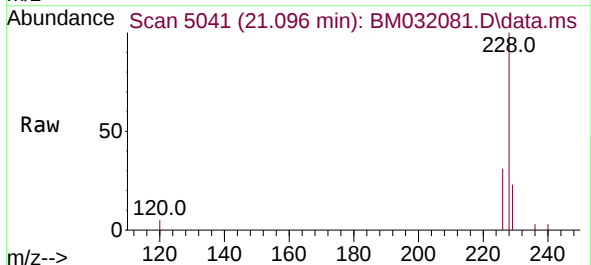
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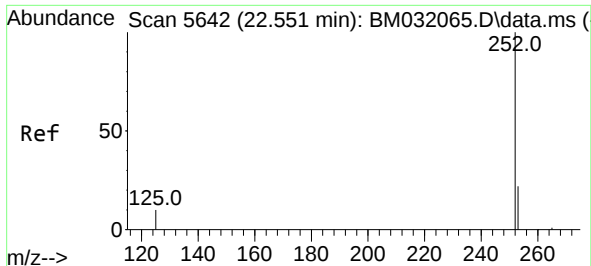
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#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.096 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

Tgt Ion:	228	Resp:	6009
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.2	36.2
229	23.0	16.3	24.5





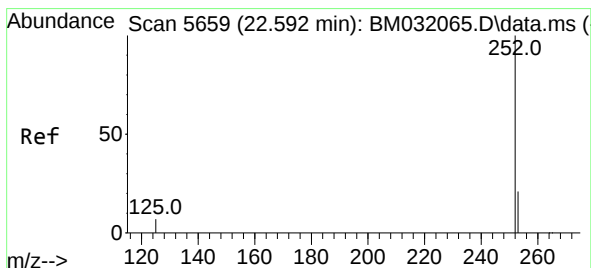
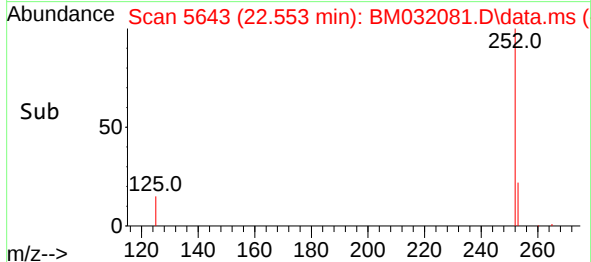
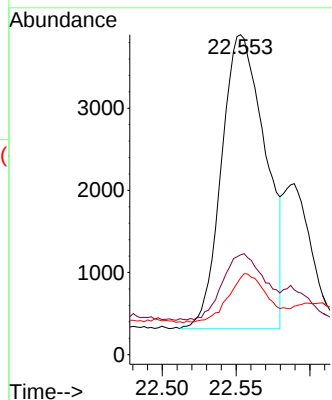
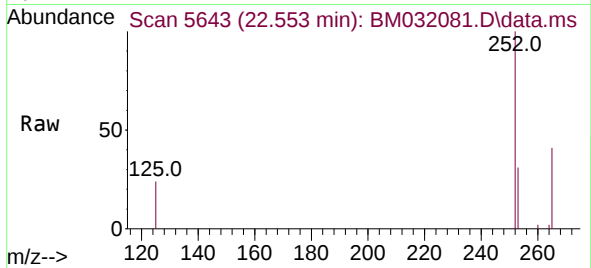
#24
Benzo(b)fluoranthene
Concen: 0.301 ng/ul m
RT: 22.553 min Scan# 5643
Delta R.T. -0.012 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	0.0	61.0
125	24.0	0.0	28.4

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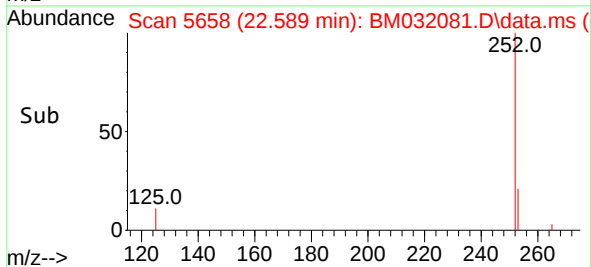
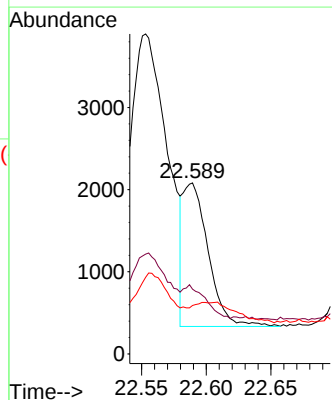
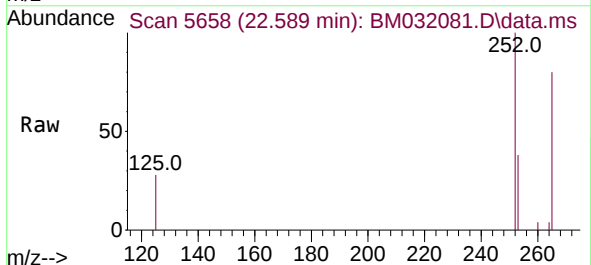
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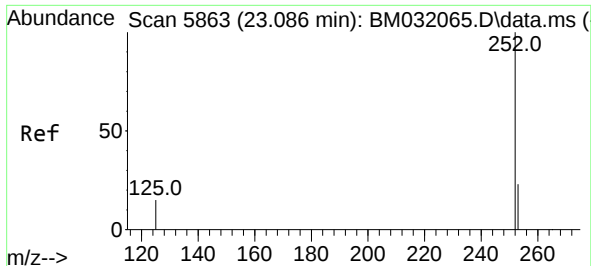
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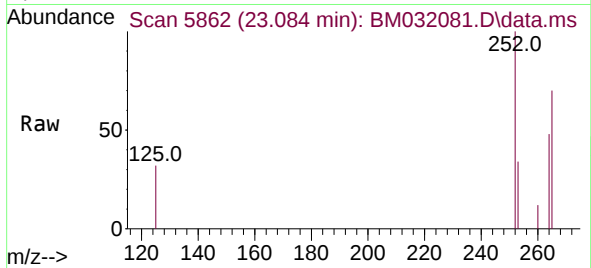
#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.9	25.2	37.8#
125	28.4	11.0	16.4#

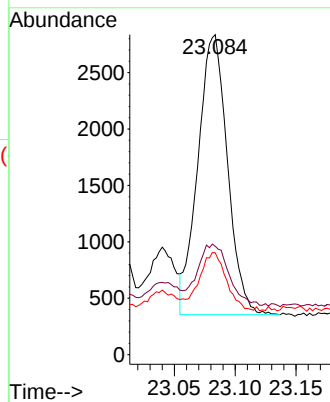
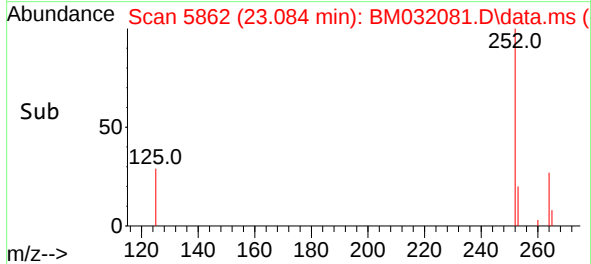




#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.084 min Scan# 5862
Delta R.T. -0.022 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15



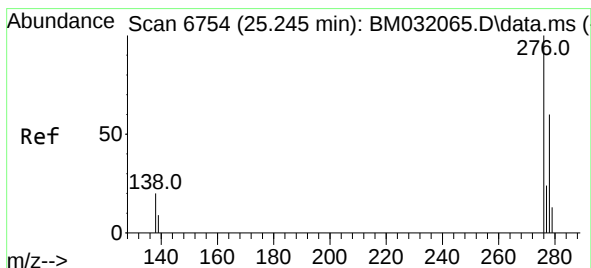
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Ion Ratio Lower Upper
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253 33.9 28.8 43.2
125 31.8 13.9 20.9#



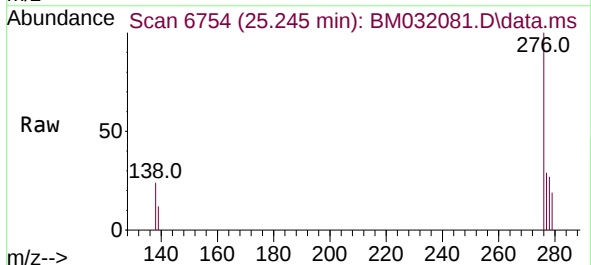
Instrument :
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ClientSampleId :
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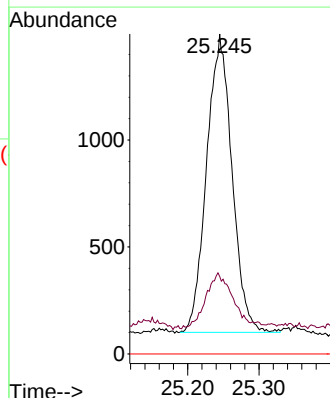
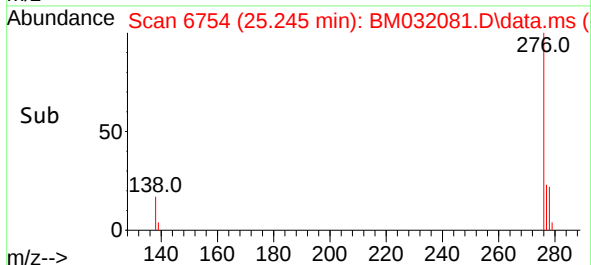
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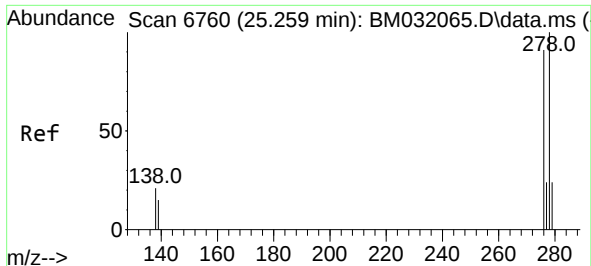


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng/ul
RT: 25.245 min Scan# 6754
Delta R.T. -0.026 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15

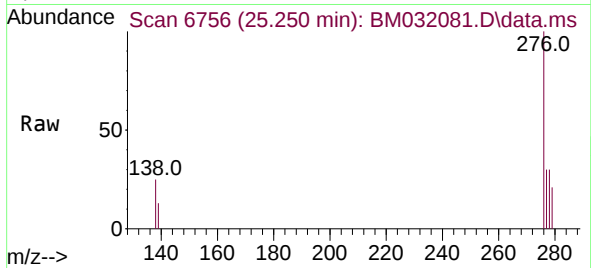


Tgt Ion:276 Resp: 3441
Ion Ratio Lower Upper
276 100
138 20.7 14.1 21.1
227 0.0 0.0 0.0

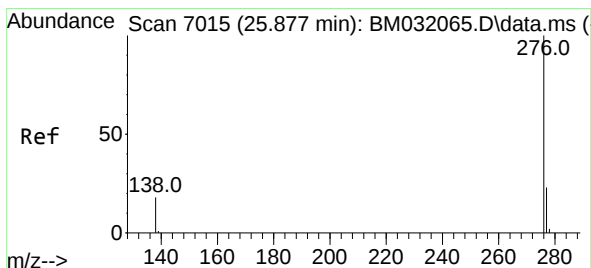
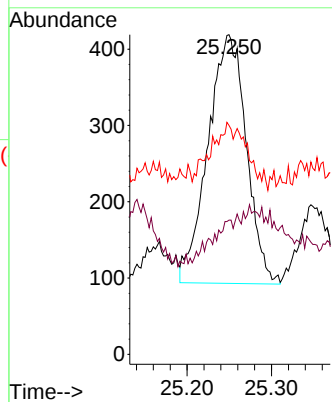
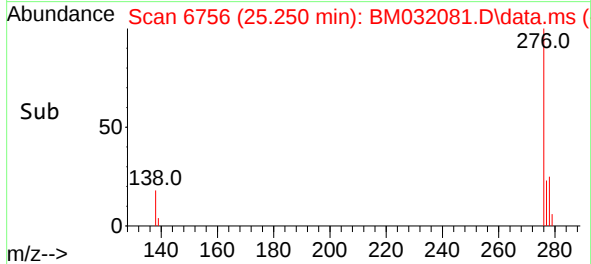




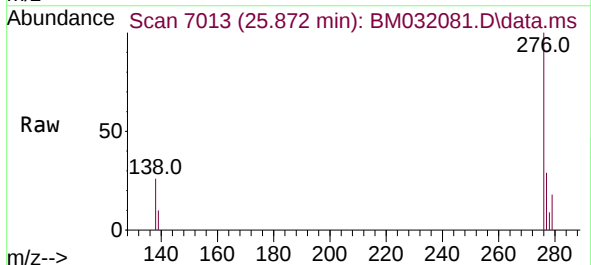
#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.250 min Scan# 6756
Delta R.T. -0.036 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15



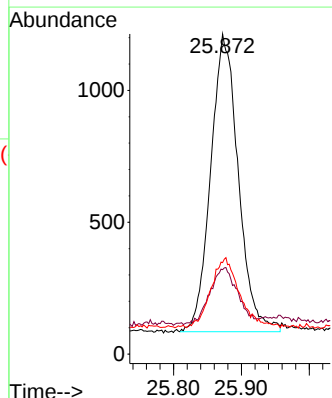
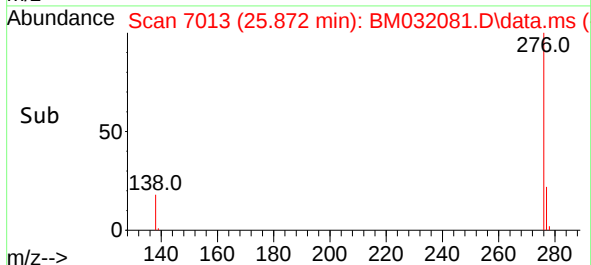
Tgt Ion: 278 Resp: 1031
Ion Ratio Lower Upper
278 100
139 42.0 13.4 20.0#
279 71.6 27.2 40.8#



#29
Benzo(g,h,i)perylene
Concen: 0.123 ng/ul
RT: 25.872 min Scan# 7013
Delta R.T. -0.031 min
Lab File: BM032081.D
Acq: 04 Sep 2021 17:15



Tgt Ion: 276 Resp: 3195
Ion Ratio Lower Upper
276 100
138 26.4 14.5 21.7#
277 28.6 21.2 31.8



Instrument :
BNA_M
ClientSampleId :
C0B41

Manual Integrations
APPROVED

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9/7/2021 11:38:51 AM