

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032053.D
 Acq On : 03 Sep 2021 23:28
 Operator : CG/JU
 Sample : M3486-05DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8DL

Manual Integrations
 APPROVED

mohammad
 9/7/2021 11:37:38 AM

Quant Time: Sep 04 03:18:02 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	7.455	152	1778	0.400	ng/ul	0.00
4) Naphthalene-d8	10.212	136	6440	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.099	164	3986	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	8200	0.400	ng/ul	0.00
17) Chrysene-d12	21.059	240	6890	0.400	ng/ul	-0.01
23) Perylene-d12	23.173	264	6856	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.068	96	902	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	246	0.025	ng/ul	0.00
18) Fluoranthene-d10	18.892	212	609	0.030	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.262	128	859	0.050	ng/ul#	83
7) 2-Methylnaphthalene	11.899	142	361	0.030	ng/ul	94
8) 1-Methylnaphthalene	12.119	142	362	0.031	ng/ul	99
10) Acenaphthylene	13.819	152	2123	0.132	ng/ul	98
12) Fluorene	15.164	166	547	0.036	ng/ul#	95
15) Phenanthrene	16.897	178	18334	0.735	ng/ul	97
16) Anthracene	16.990	178	2989	0.137	ng/ul#	96
19) Fluoranthene	18.923	202	31655	1.063	ng/ul	98
20) Pyrene	19.285	202	28129	0.916	ng/ul	99
21) Benzo(a)anthracene	21.045	228	13720	0.545	ng/ul	99
22) Chrysene	21.096	228	15451	0.534	ng/ul	100
24) Benzo(b)fluoranthene	22.551	252	22468m	0.713	ng/ul	
25) Benzo(k)fluoranthene	22.589	252	8719m	0.268	ng/ul	
26) Benzo(a)pyrene	23.081	252	16006	0.581	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.242	276	12517	0.334	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.250	278	3001	0.100	ng/ul#	85
29) Benzo(g,h,i)perylene	25.872	276	11358	0.340	ng/ul	98

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

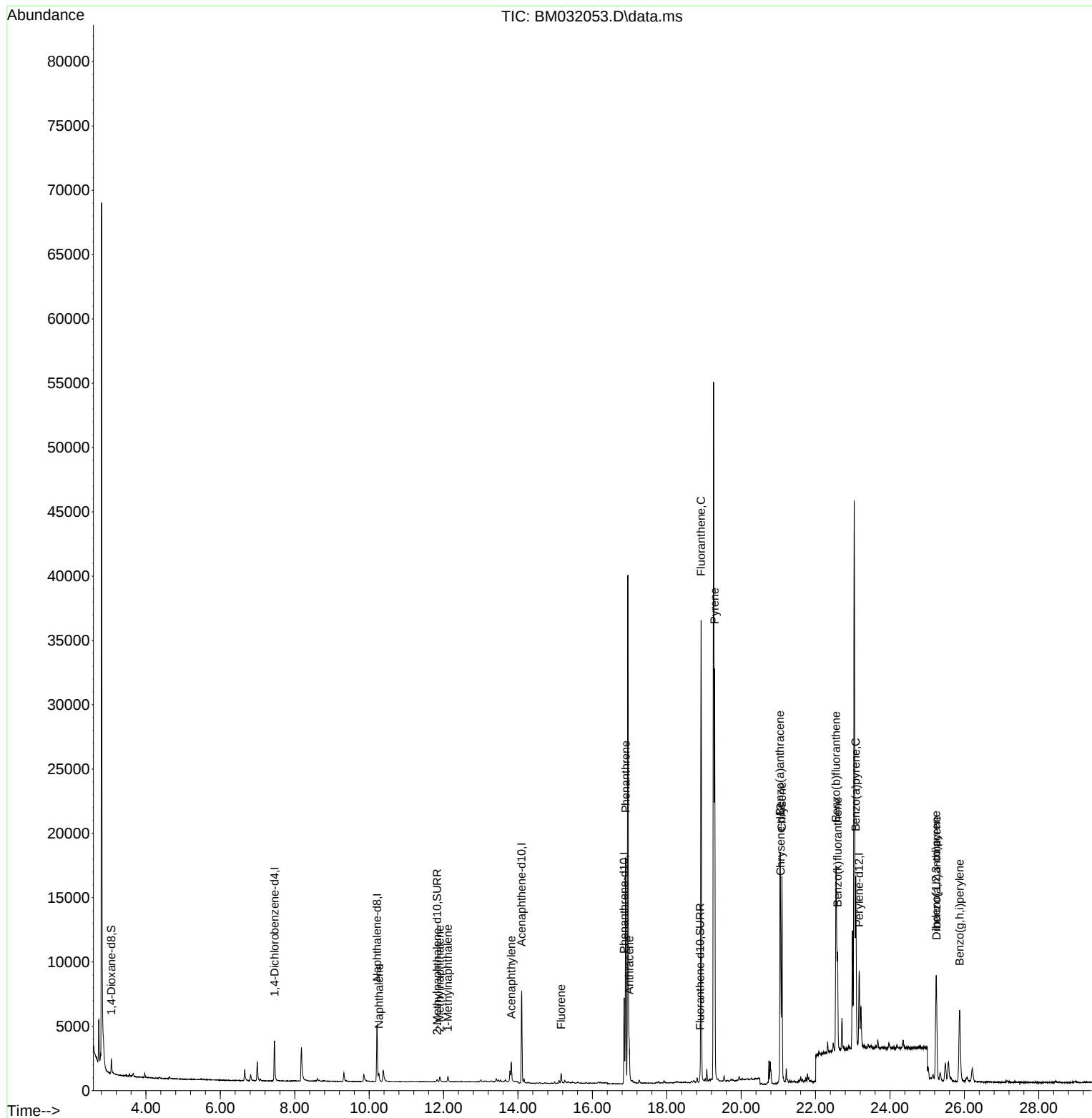
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032053.D
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Operator : CG/JU
Sample : M3486-05DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

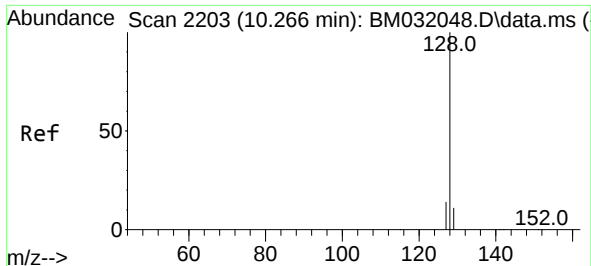
Instrument :
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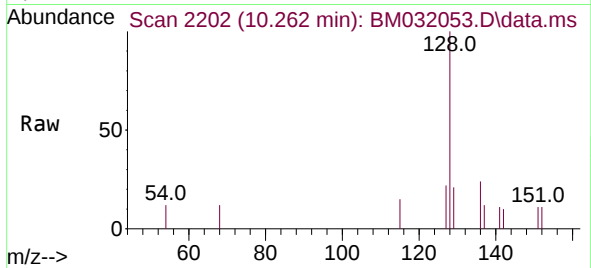
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 16:21:27 2021
Response via : Initial Calibration

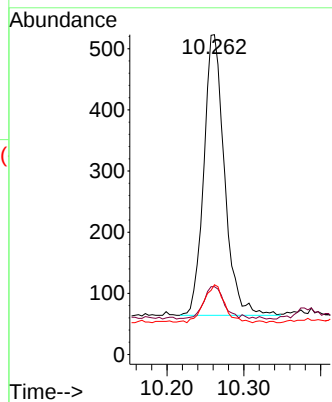
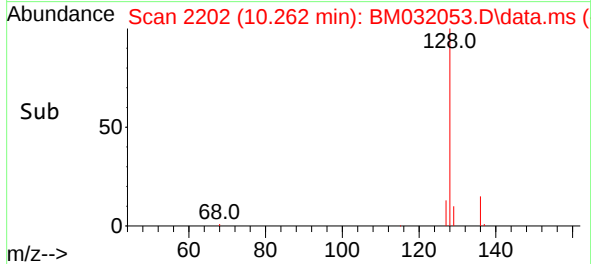




#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.262 min Scan# 2202
Delta R.T. -0.009 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



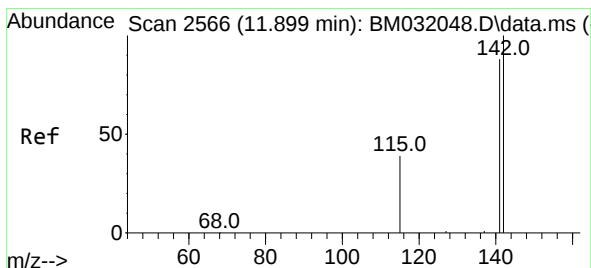
Tgt Ion:128 Resp: 859
Ion Ratio Lower Upper
128 100
129 21.2 10.9 16.3#
127 21.8 12.4 18.6#



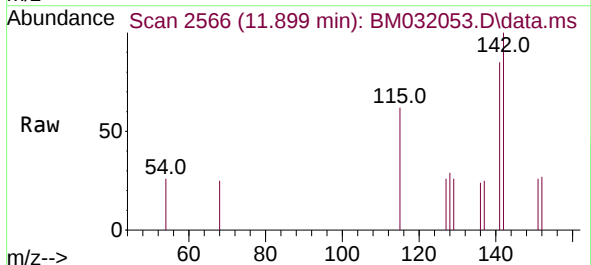
Instrument :
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ClientSampleId :
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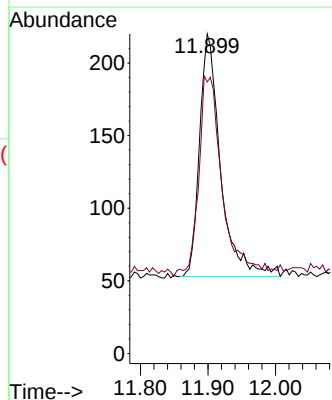
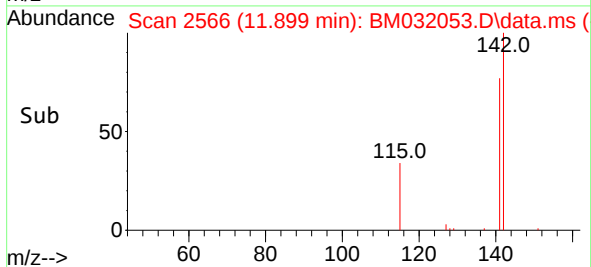
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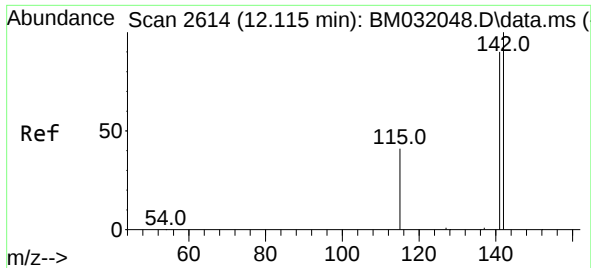


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 11.899 min Scan# 2566
Delta R.T. 0.000 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28

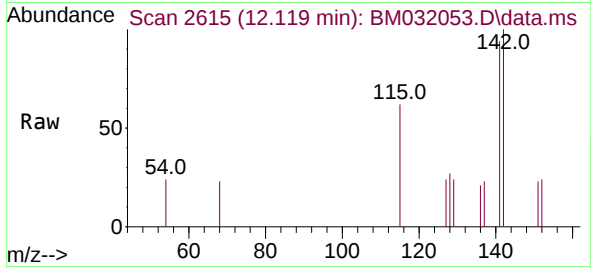


Tgt Ion:142 Resp: 361
Ion Ratio Lower Upper
142 100
141 93.6 70.3 105.5

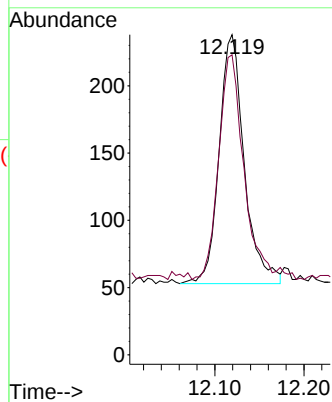
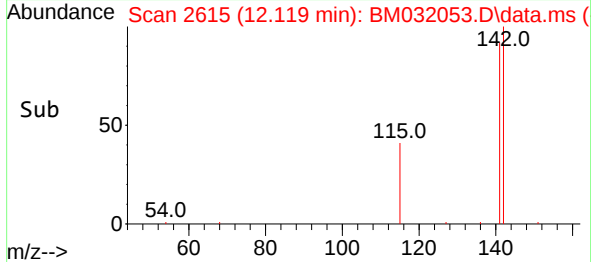




#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.119 min Scan# 2615
Delta R.T. 0.005 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



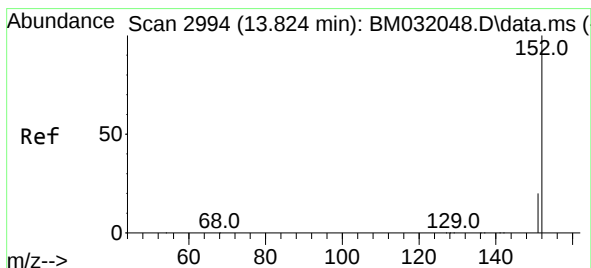
Tgt Ion:142 Resp: 362
Ion Ratio Lower Upper
142 100
141 91.4 72.2 108.2



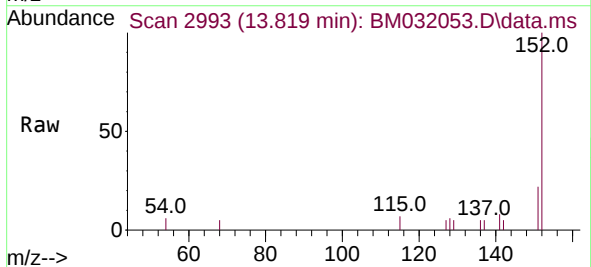
Instrument :
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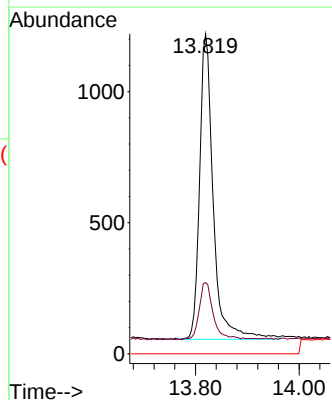
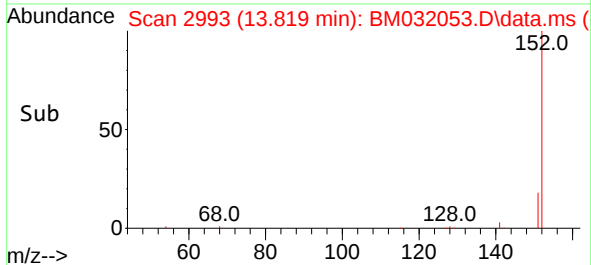
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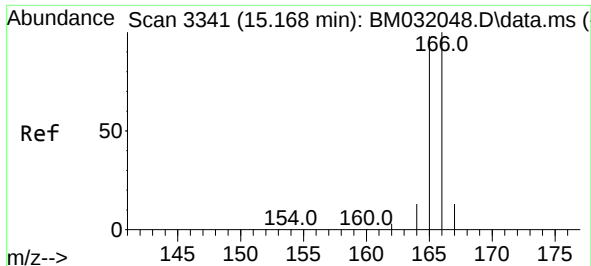


#10
Acenaphthylene
Concen: 0.132 ng/ul
RT: 13.819 min Scan# 2993
Delta R.T. -0.005 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



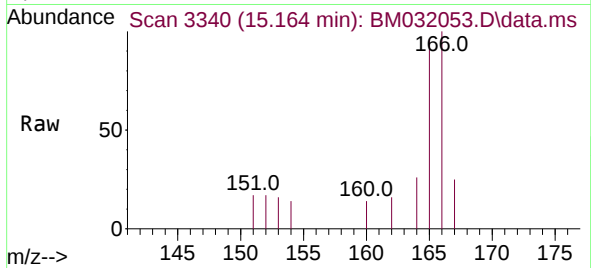
Tgt Ion:152 Resp: 2123
Ion Ratio Lower Upper
152 100
151 22.3 17.0 25.4
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.164 min Scan# 3340
Delta R.T. -0.007 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28

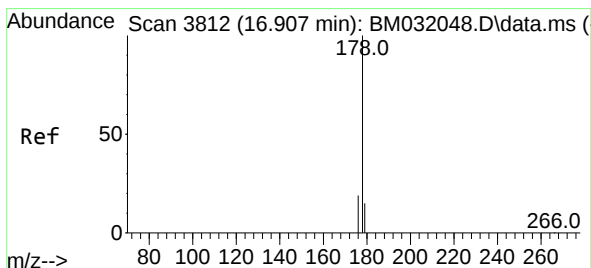
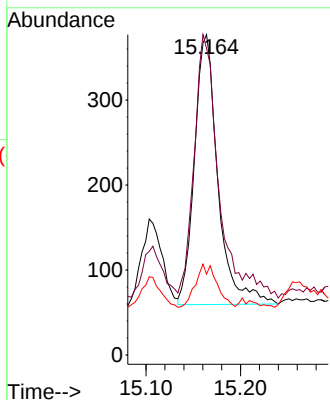
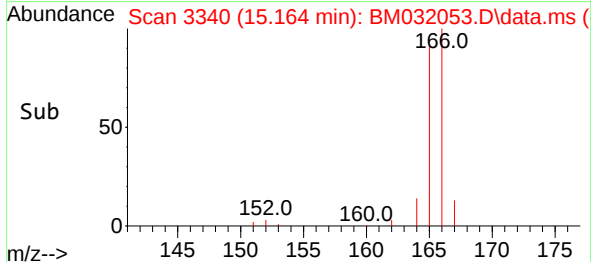
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ClientSampleId :
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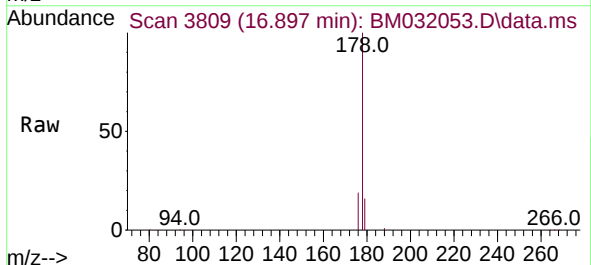
Tgt Ion:166 Resp: 547
Ion Ratio Lower Upper
166 100
165 95.8 78.3 117.5
167 25.2 12.5 18.7#

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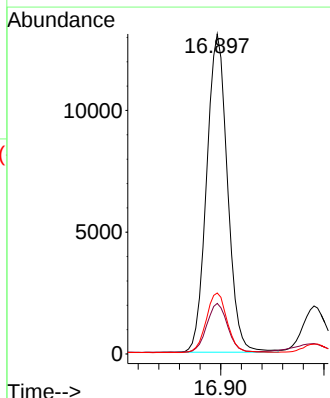
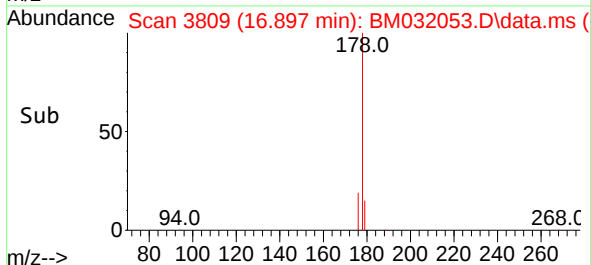
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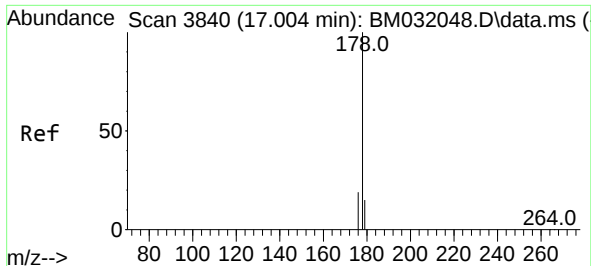


#15
Phenanthrene
Concen: 0.735 ng/ul
RT: 16.897 min Scan# 3809
Delta R.T. -0.010 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



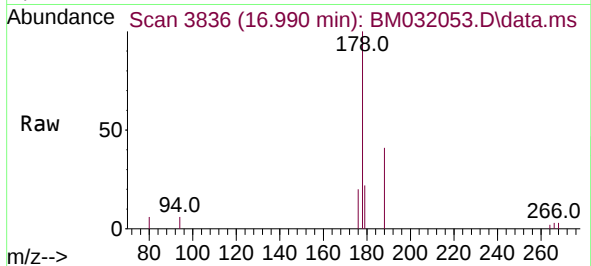
Tgt Ion:178 Resp: 18334
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.0 16.7 25.1





#16
 Anthracene
 Concen: 0.137 ng/ul
 RT: 16.990 min Scan# 3836
 Delta R.T. -0.017 min
 Lab File: BM032053.D
 Acq: 03 Sep 2021 23:28

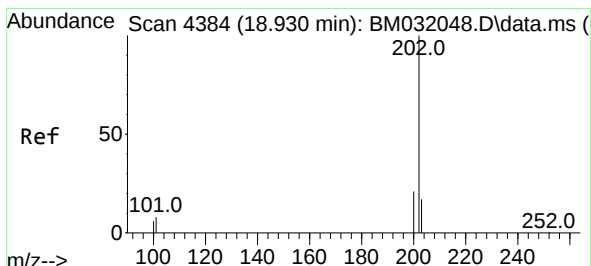
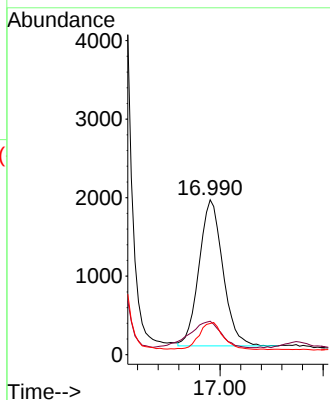
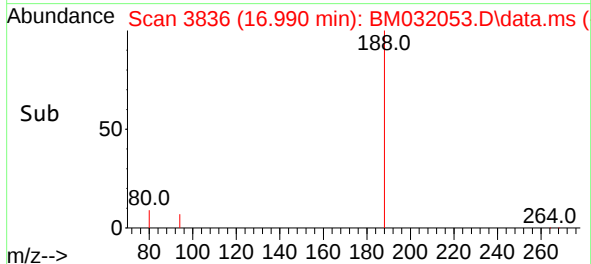
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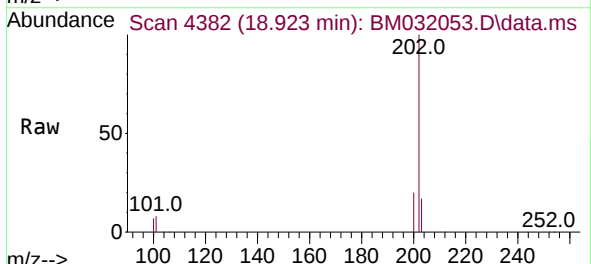
Tgt Ion:178 Resp: 2989
 Ion Ratio Lower Upper
 178 100
 179 21.6 14.3 21.5#
 176 20.2 15.8 23.8

Manual Integrations
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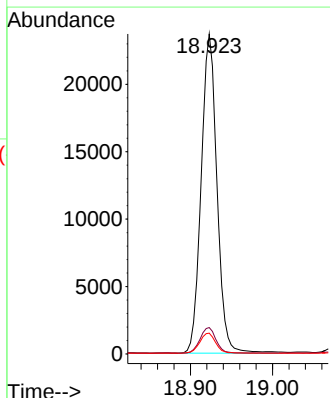
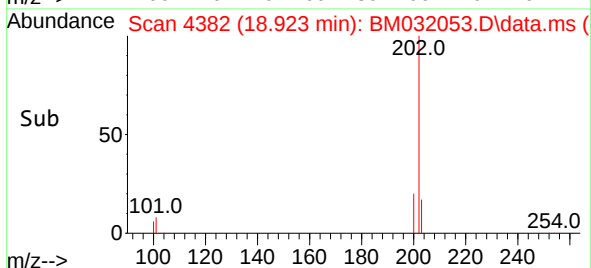
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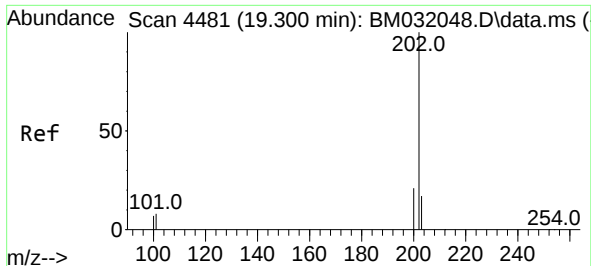


#19
 Fluoranthene
 Concen: 1.063 ng/ul
 RT: 18.923 min Scan# 4382
 Delta R.T. -0.011 min
 Lab File: BM032053.D
 Acq: 03 Sep 2021 23:28



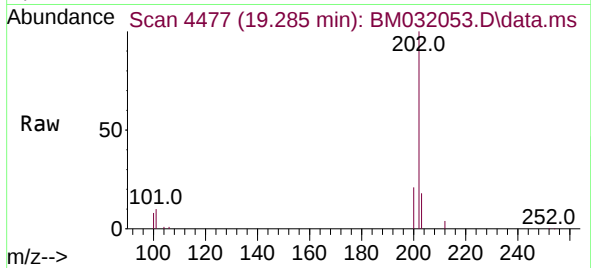
Tgt Ion:202 Resp: 31655
 Ion Ratio Lower Upper
 202 100
 101 8.3 7.2 10.8
 100 6.5 5.8 8.6





#20
Pyrene
Concen: 0.916 ng/ul
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28

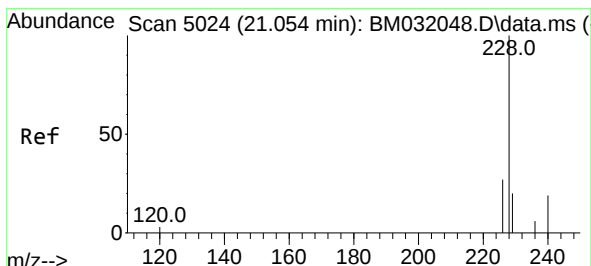
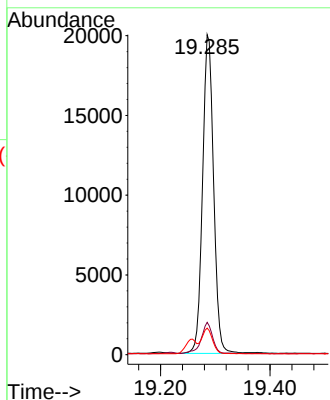
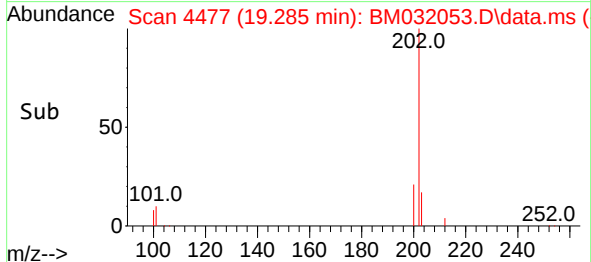
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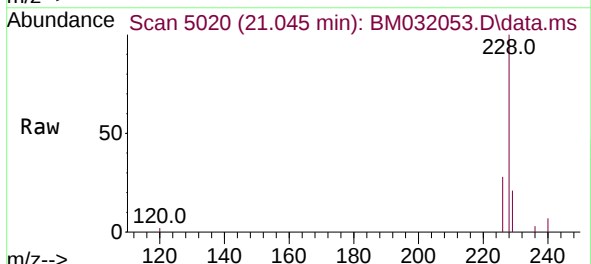
Tgt Ion:202 Resp: 28129
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.4
100 8.3 7.0 10.6

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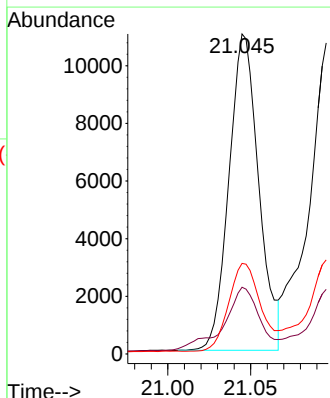
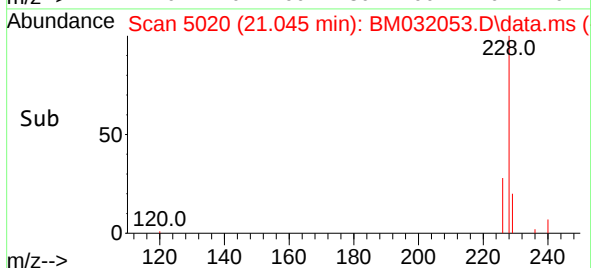
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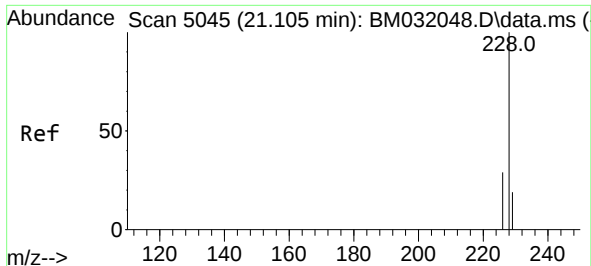


#21
Benzo(a)anthracene
Concen: 0.545 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28

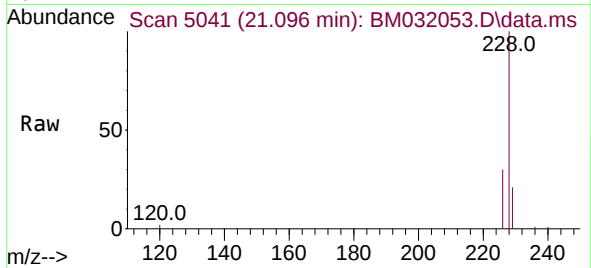


Tgt Ion:228 Resp: 13720
Ion Ratio Lower Upper
228 100
229 20.9 17.1 25.7
226 28.3 23.1 34.7

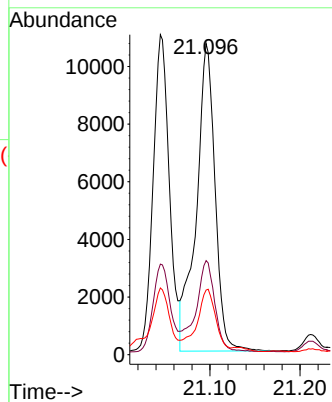
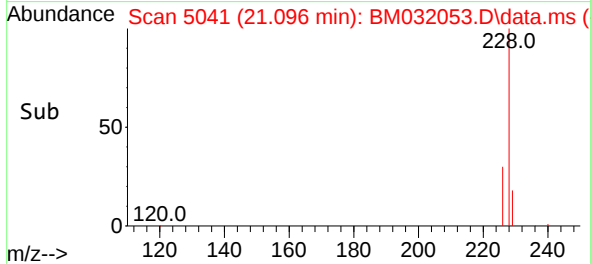




#22
Chrysene
Concen: 0.534 ng/ul
RT: 21.096 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



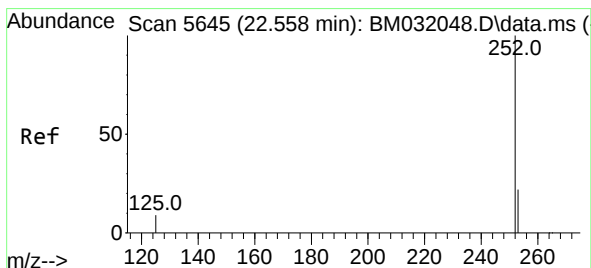
Tgt Ion:228 Resp: 15451
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 20.8 16.3 24.5



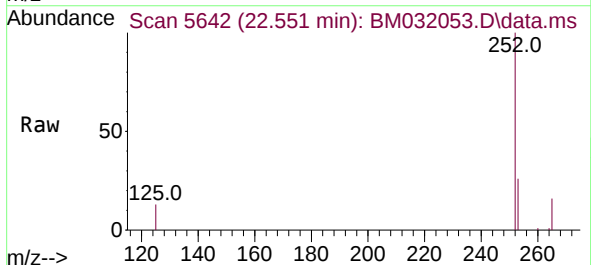
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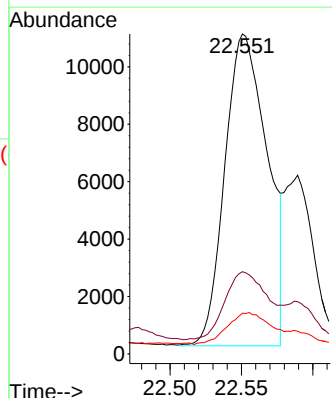
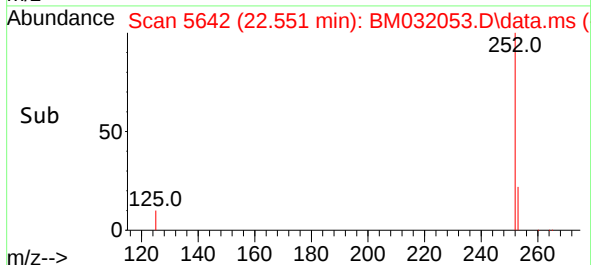
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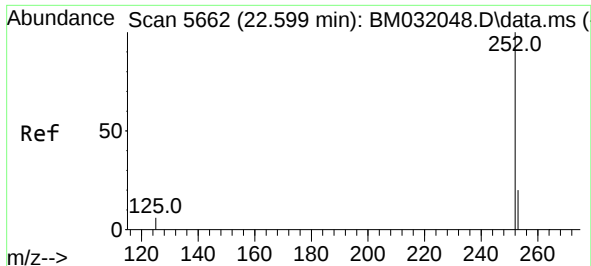


#24
Benzo(b)fluoranthene
Concen: 0.713 ng/ul m
RT: 22.551 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28

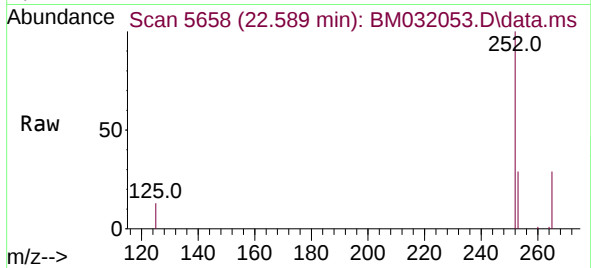


Tgt Ion:252 Resp: 22468
Ion Ratio Lower Upper
252 100
253 25.7 0.0 61.0
125 12.8 0.0 28.4

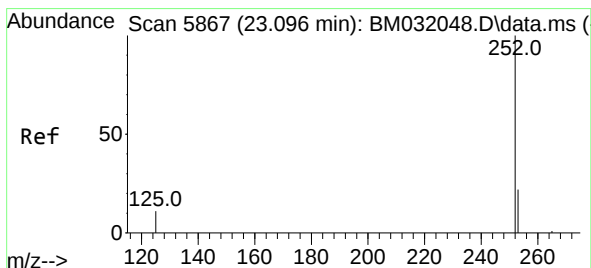
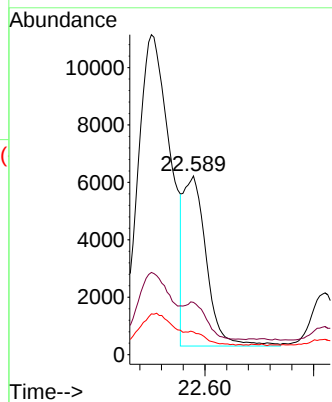
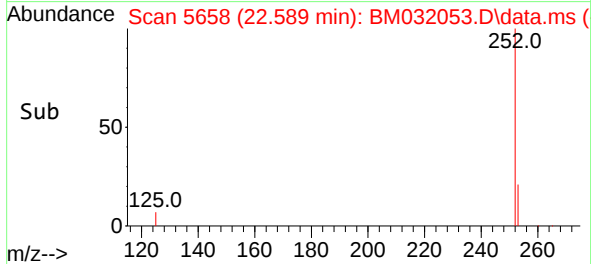




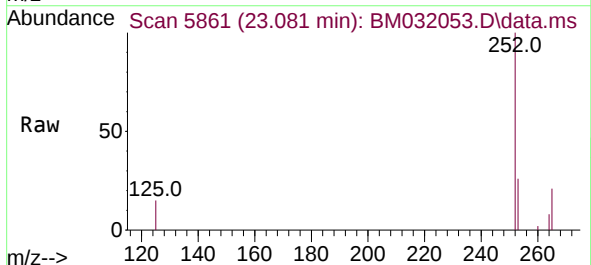
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Benzo(k)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.589 min Scan# 5658
Delta R.T. -0.019 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



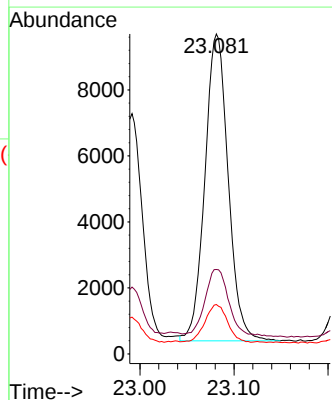
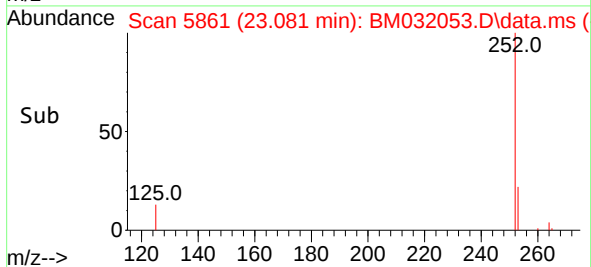
Tgt Ion:252 Resp: 8719
Ion Ratio Lower Upper
252 100
253 29.2 25.2 37.8
125 12.7 11.0 16.4



#26
Benzo(a)pyrene
Concen: 0.581 ng/ul
RT: 23.081 min Scan# 5861
Delta R.T. -0.024 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



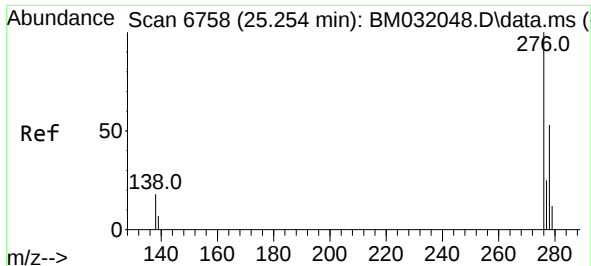
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Ion Ratio Lower Upper
252 100
253 26.4 28.8 43.2#
125 15.5 13.9 20.9



Instrument :
BNA_M
ClientSampleId :
C0AB8DL

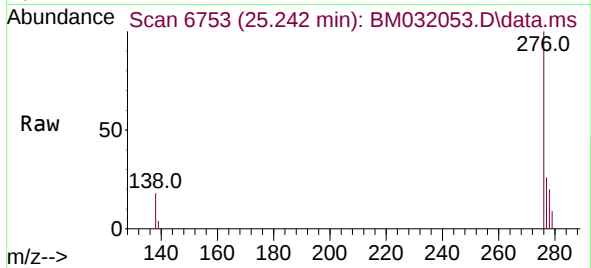
Manual Integrations
APPROVED

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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.242 min Scan# 6753
Delta R.T. -0.029 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28

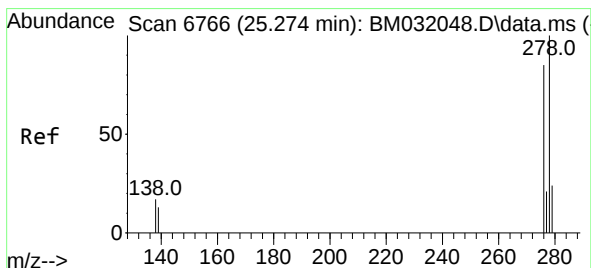
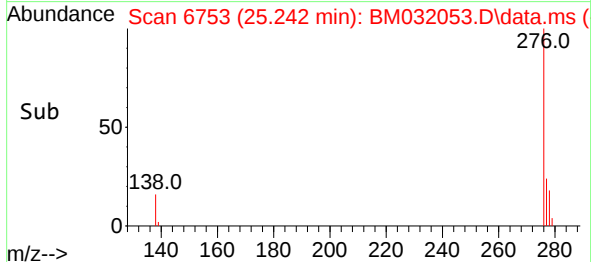
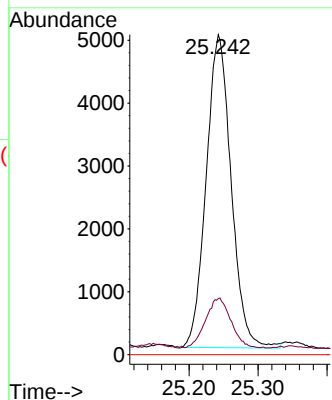
Instrument :
BNA_M
ClientSampleId :
C0AB8DL



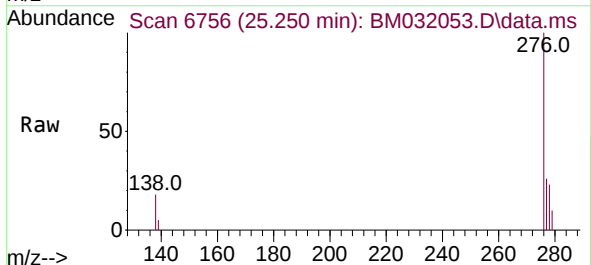
Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.1	21.1
227	0.0	0.0	0.0

Manual Integrations
APPROVED

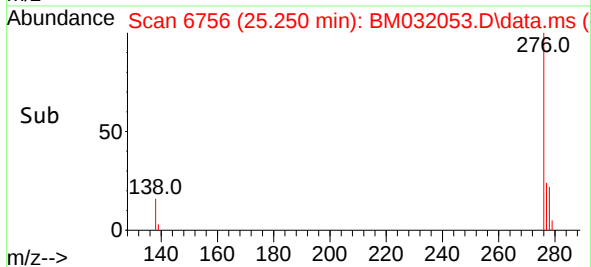
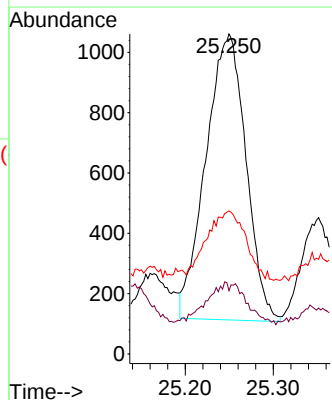
mohammad
9/7/2021 11:37:38 AM

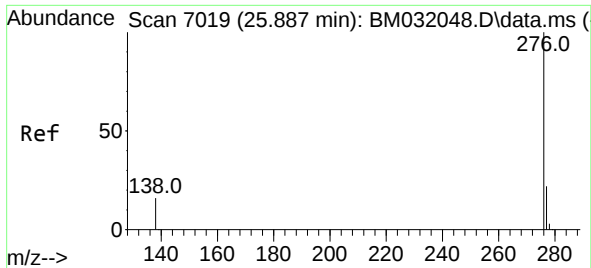


#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 25.250 min Scan# 6756
Delta R.T. -0.036 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28



Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	13.4	20.0
279	44.7	27.2	40.8





#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 25.872 min Scan# 7013
Delta R.T. -0.031 min
Lab File: BM032053.D
Acq: 03 Sep 2021 23:28

Tgt Ion:	276	Resp:	11358
Ion Ratio	Lower	Upper	
276	100		
138	19.0	14.5	21.7
277	25.1	21.2	31.8

Instrument :
BNA_M
ClientSampleId :
C0AB8DL

Manual Integrations
APPROVED

mohammad
9/7/2021 11:37:38 AM

