

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033806.D
 Acq On : 21 Jan 2022 02:06
 Operator : CG/JU
 Sample : N1199-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0F25

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 03:13:27 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	13598	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	17169m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	14406	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.482	240	8744	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	9011	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	18390	4.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	6884	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	13337	0.492	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.819	128	4561308	115.777	ng/ul#	87
7) 2-Methylnaphthalene	12.425	142	2139587	84.567	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	1914442	77.054	ng/ul	99
10) Acenaphthylene	14.310	152	53568	0.675	ng/ul#	47
11) Acenaphthene	14.648	153	155366	2.454	ng/ul	94
12) Fluorene	15.630	166	204648	2.702	ng/ul	98
14) Pentachlorophenol	17.000	266	8550984	1504.152	ng/ul	98
15) Phenanthrene	17.365	178	669364	14.348	ng/ul	94
16) Anthracene	17.455	178	91541	2.139	ng/ul	92
19) Fluoranthene	19.368	202	28239	0.689	ng/ul#	94
20) Pyrene	19.731	202	30952m	0.746	ng/ul	
21) Benzo(a)anthracene	21.465	228	2001	0.055	ng/ul#	51
22) Chrysene	21.518	228	1867	0.050	ng/ul#	50
24) Benzo(b)fluoranthene	23.148	252	1627	0.041	ng/ul#	1
25) Benzo(k)fluoranthene	23.194	252	866	0.022	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.390	276	1142	0.026	ng/ul#	65
28) Dibenzo(a,h)anthracene	26.402	278	723	0.020	ng/ul#	1
29) Benzo(g,h,i)perylene	27.158	276	965	0.025	ng/ul#	26

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

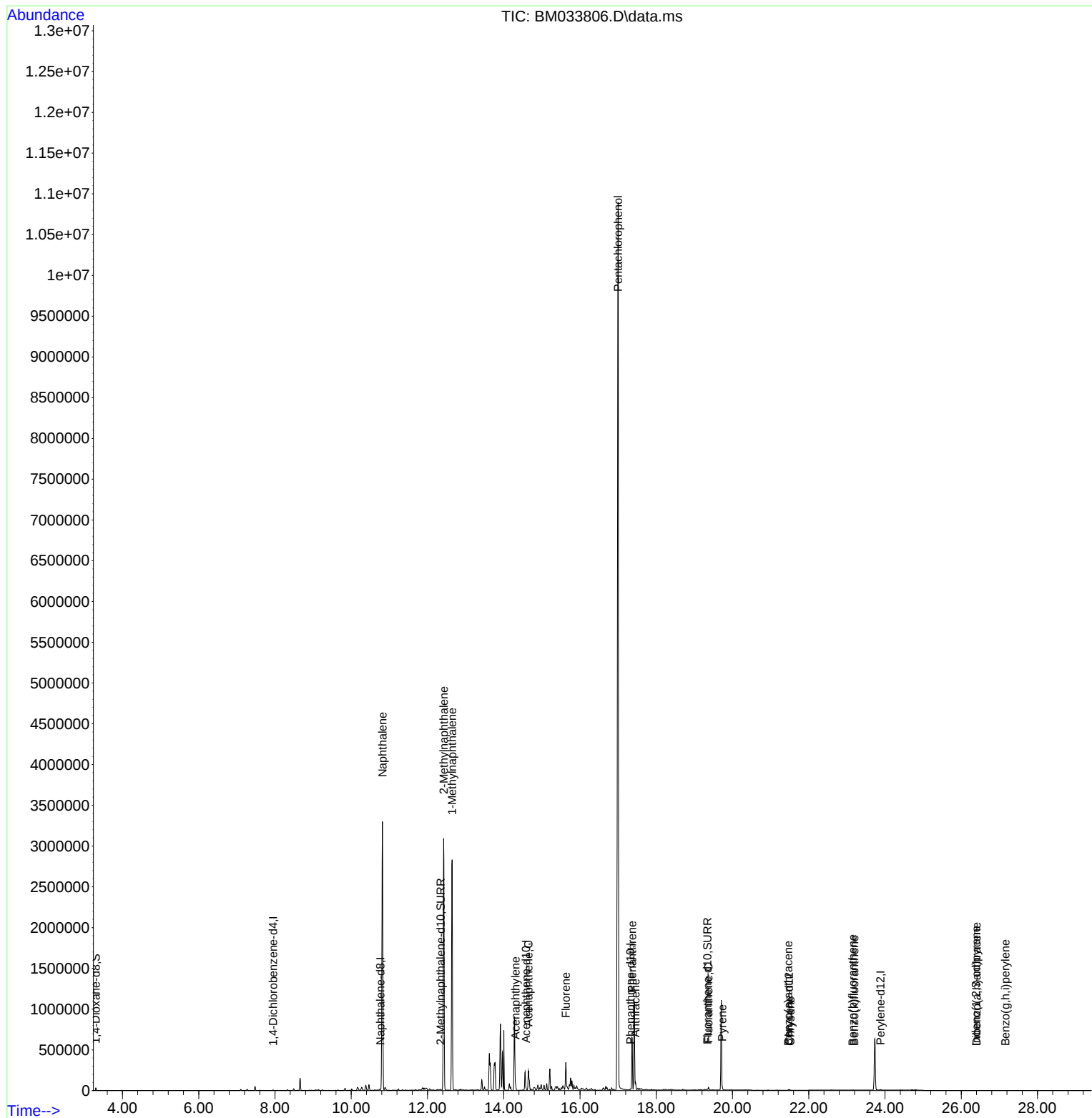
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Data File : BM033806.D
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ALS Vial : 22 Sample Multiplier: 1

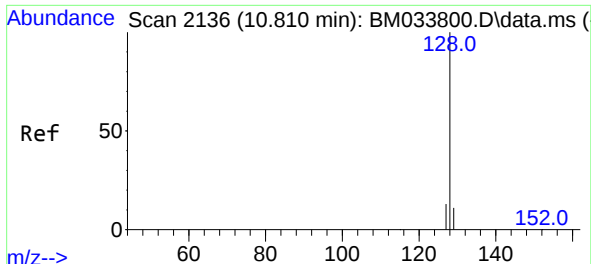
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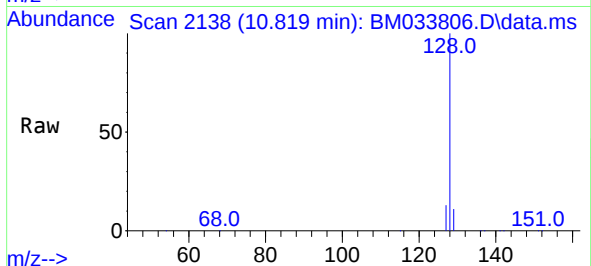
Quant Time: Jan 21 03:13:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 115.777 ng/ul
RT: 10.819 min Scan# 2138
Delta R.T. 0.005 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

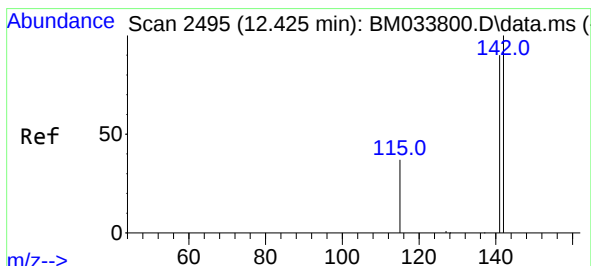
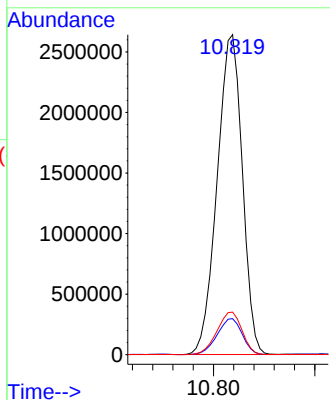
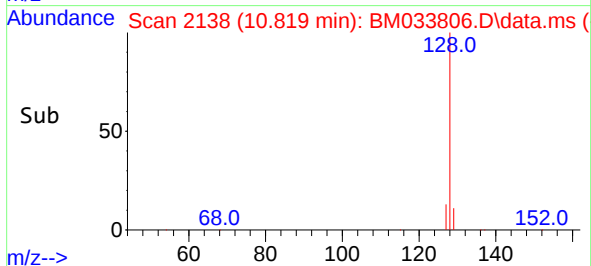
Instrument :
BNA_M
ClientSampleId :
C0F25



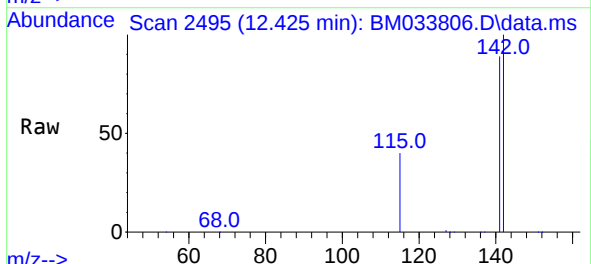
Tgt Ion:128 Resp: 4561308
Ion Ratio Lower Upper
128 100
129 11.3 13.4 20.2
127 13.3 15.2 22.8

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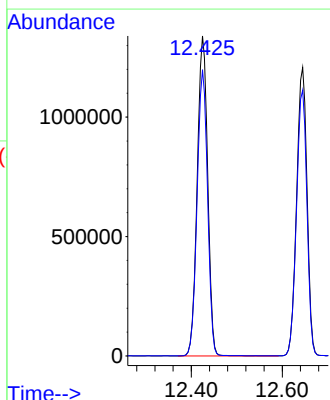
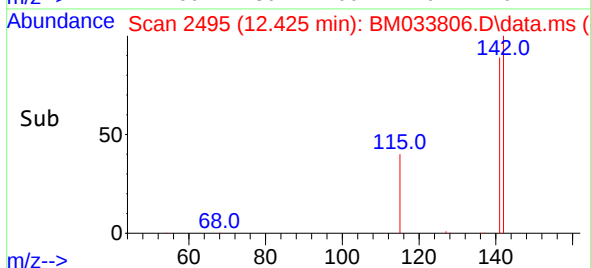
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Supervised By :mohammad ahmed 01/27/2022

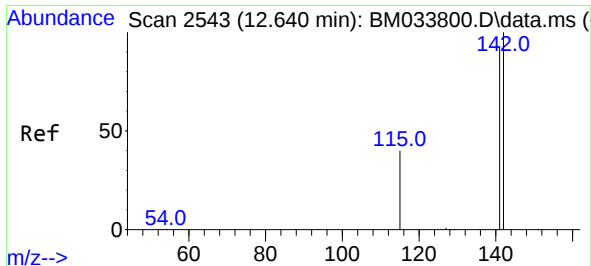


#7
2-Methylnaphthalene
Concen: 84.567 ng/ul
RT: 12.425 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06



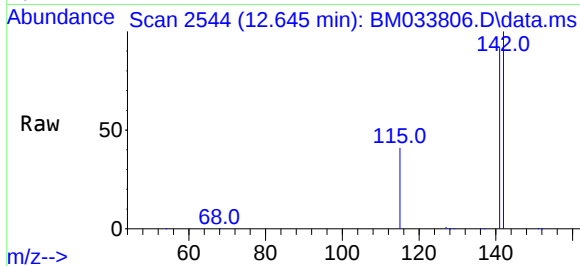
Tgt Ion:142 Resp: 2139587
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6





#8
1-Methylnaphthalene
Concen: 77.054 ng/u1
RT: 12.645 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

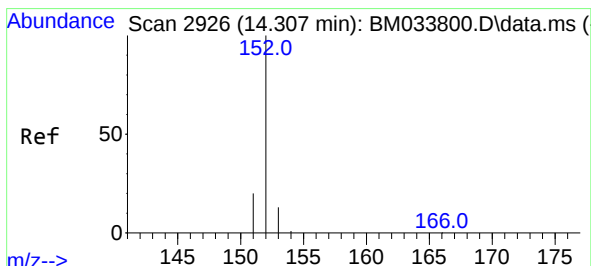
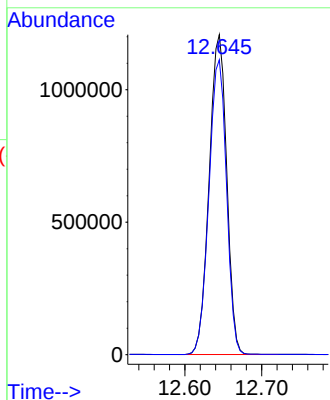
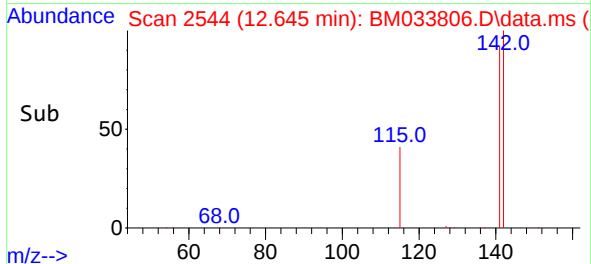
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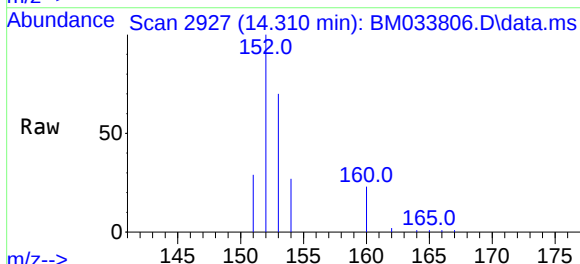
Tgt Ion:142 Resp: 191444
Ion Ratio Lower Upper
142 100
141 92.4 75.0 112.4

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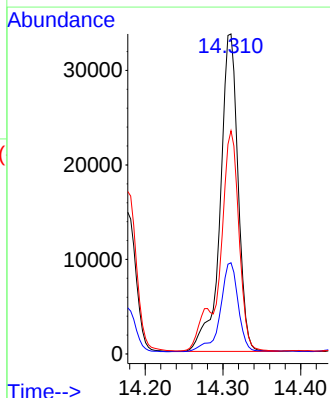
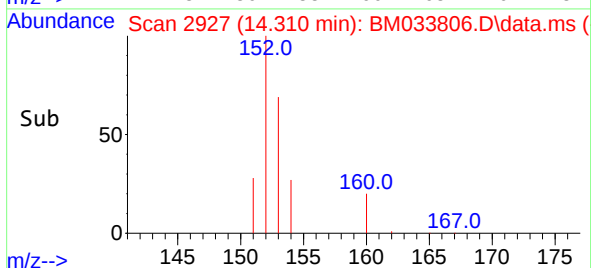
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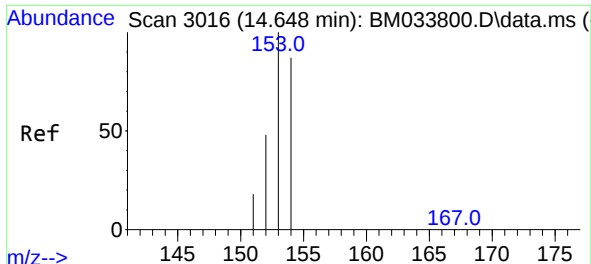


#10
Acenaphthylene
Concen: 0.675 ng/u1
RT: 14.310 min Scan# 2927
Delta R.T. 0.000 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06



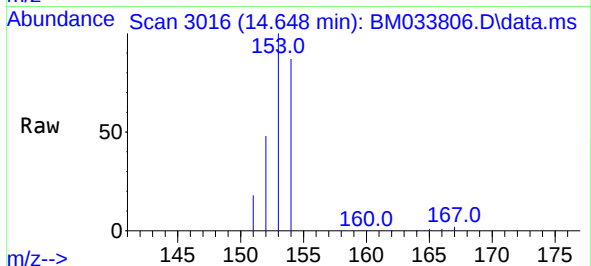
Tgt Ion:152 Resp: 53568
Ion Ratio Lower Upper
152 100
151 28.5 19.9 29.9
153 69.8 15.0 22.4#





#11
Acenaphthene
Concen: 2.454 ng/u1
RT: 14.648 min Scan# 3016
Delta R.T. -0.004 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

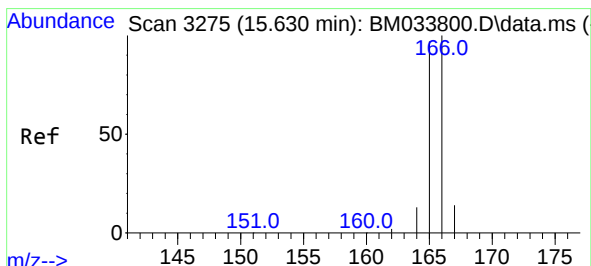
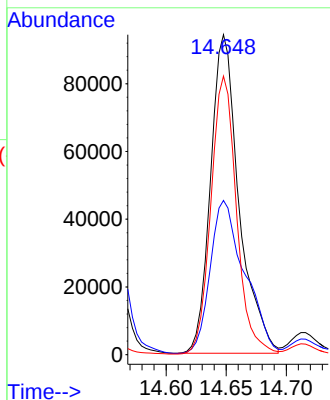
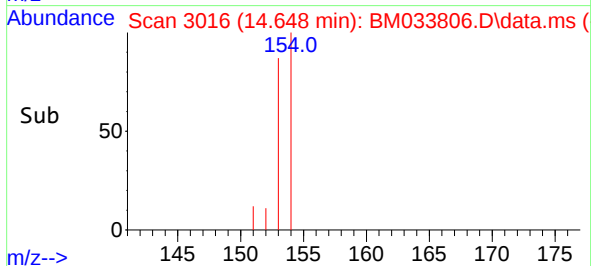
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 155360
Ion Ratio Lower Upper
153 100
152 48.2 42.4 63.6
154 87.0 66.2 99.2

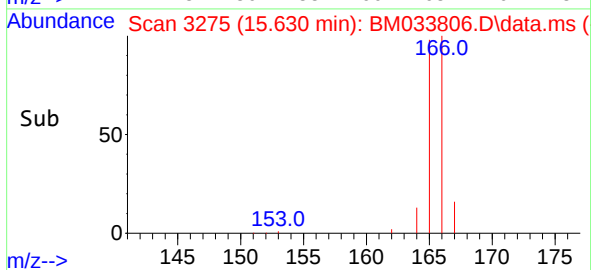
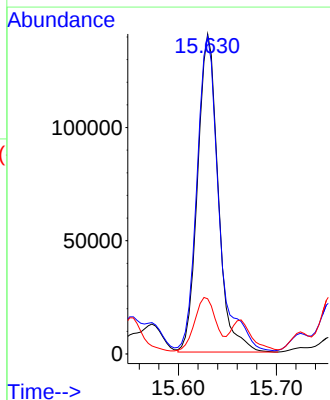
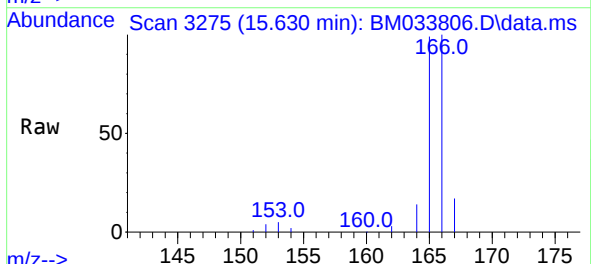
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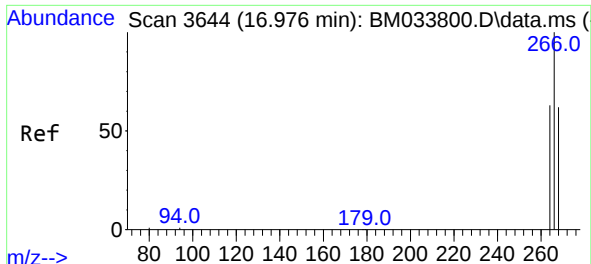
Reviewed By :Jagrut Upadhyay 01/21/2022
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#12
Fluorene
Concen: 2.702 ng/u1
RT: 15.630 min Scan# 3275
Delta R.T. 0.000 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

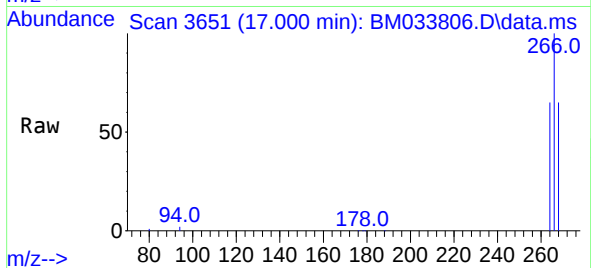
Tgt Ion:166 Resp: 204648
Ion Ratio Lower Upper
166 100
165 99.3 81.1 121.7
167 17.3 14.9 22.3





#14
Pentachlorophenol
Concen: 1504.152 ng/u1
RT: 17.000 min Scan# 30
Delta R.T. 0.024 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

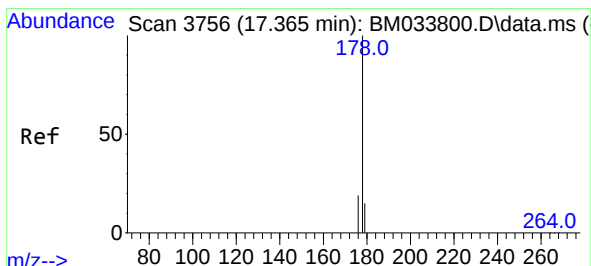
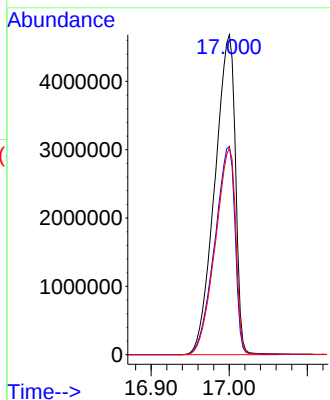
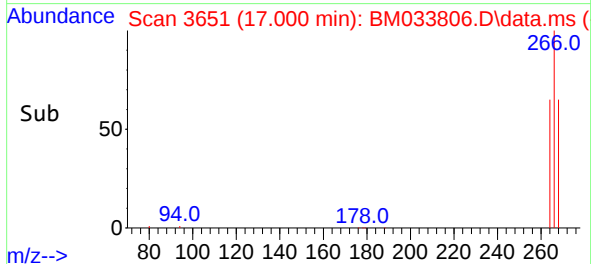
Instrument :
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C0F25



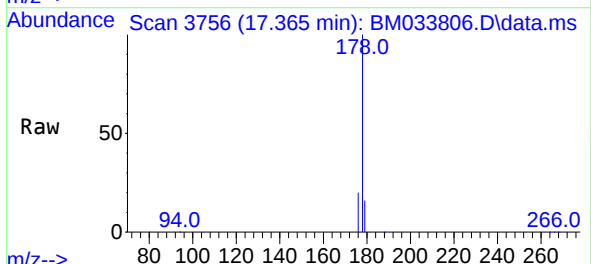
Tgt Ion:266 Resp: 8550984
Ion Ratio Lower Upper
266 100
264 64.6 51.4 77.0
268 64.2 53.1 79.7

Manual Integrations
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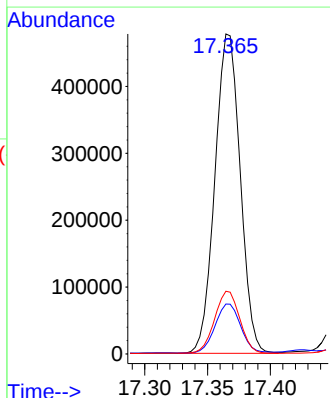
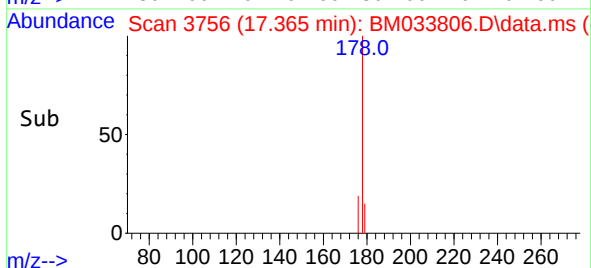
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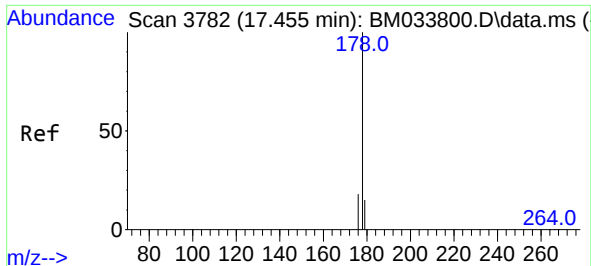


#15
Phenanthrene
Concen: 14.348 ng/u1
RT: 17.365 min Scan# 3756
Delta R.T. 0.000 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06



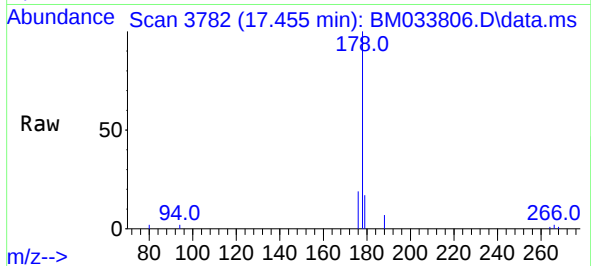
Tgt Ion:178 Resp: 669364
Ion Ratio Lower Upper
178 100
179 15.6 15.0 22.6
176 19.6 17.9 26.9





#16
 Anthracene
 Concen: 2.139 ng/u1
 RT: 17.455 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM033806.D
 Acq: 21 Jan 2022 02:06

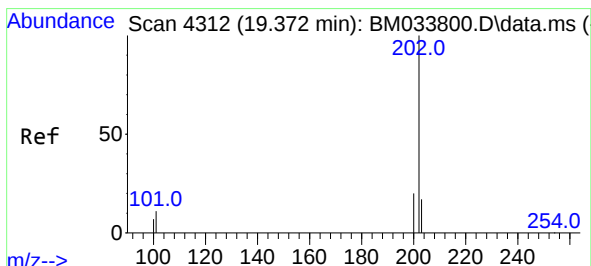
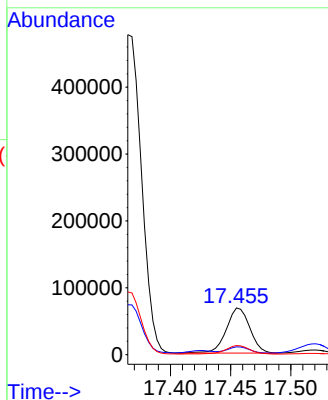
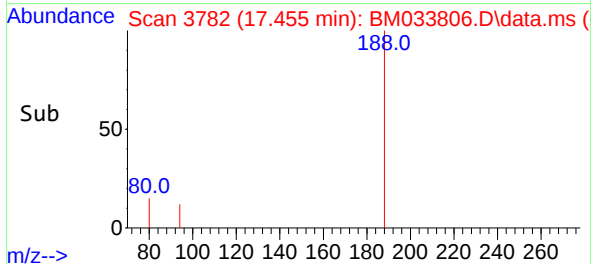
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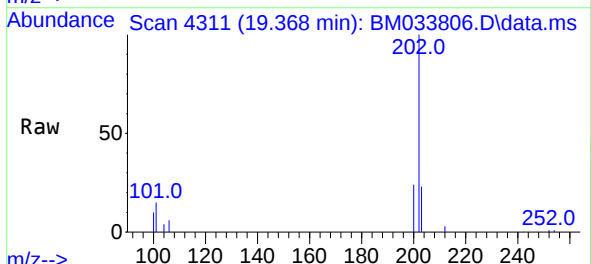
Tgt Ion:178 Resp: 9154
 Ion Ratio Lower Upper
 178 100
 179 16.7 16.5 24.7
 176 19.5 18.3 27.5

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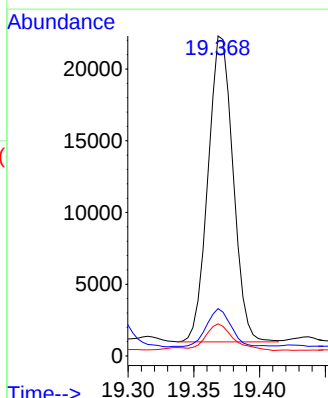
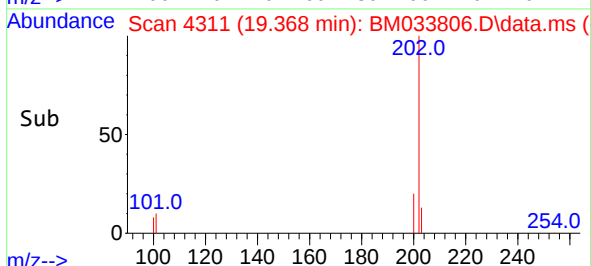
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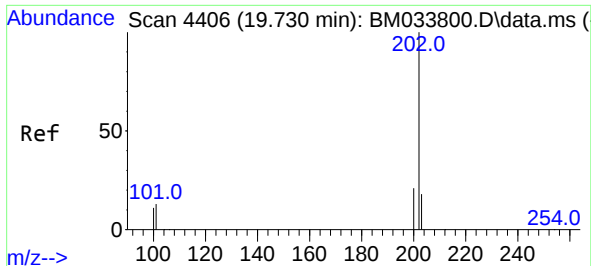


#19
 Fluoranthene
 Concen: 0.689 ng/u1
 RT: 19.368 min Scan# 4311
 Delta R.T. -0.003 min
 Lab File: BM033806.D
 Acq: 21 Jan 2022 02:06



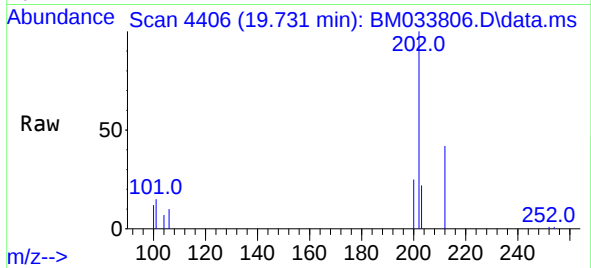
Tgt Ion:202 Resp: 28239
 Ion Ratio Lower Upper
 202 100
 101 14.8 9.2 13.8#
 100 10.1 7.2 10.8





#20
Pyrene
Concen: 0.746 ng/ul m
RT: 19.731 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

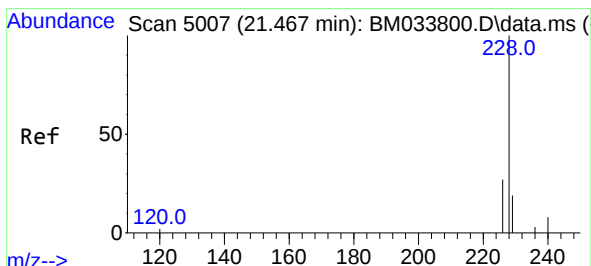
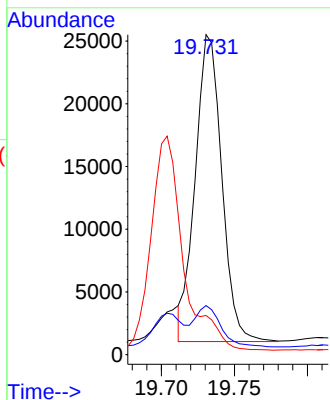
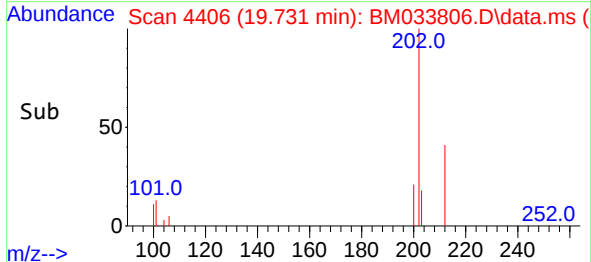
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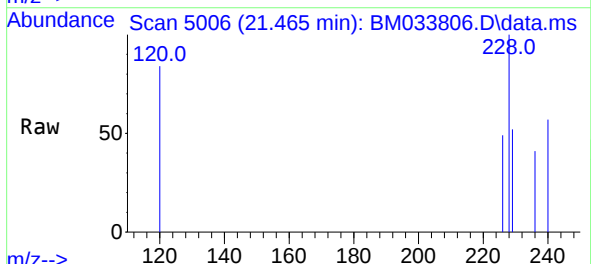
Tgt Ion:202 Resp: 30952
Ion Ratio Lower Upper
202 100
101 15.4 9.3 13.9#
100 12.3 7.8 11.6#

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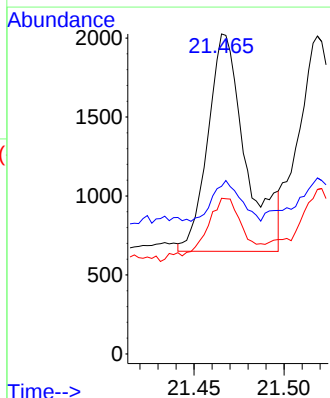
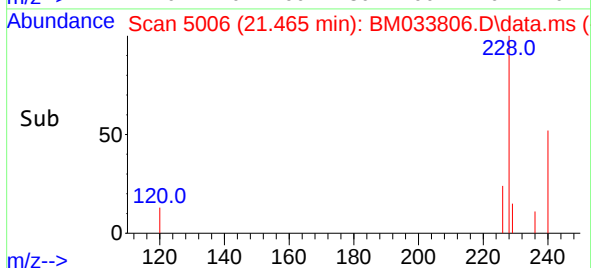
Reviewed By :Jagrut Upadhyay 01/21/2022
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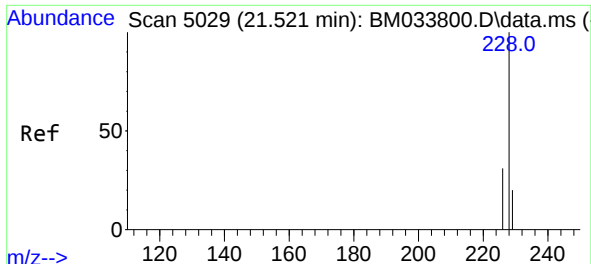


#21
Benzo(a)anthracene
Concen: 0.055 ng/ul
RT: 21.465 min Scan# 5006
Delta R.T. -0.004 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06



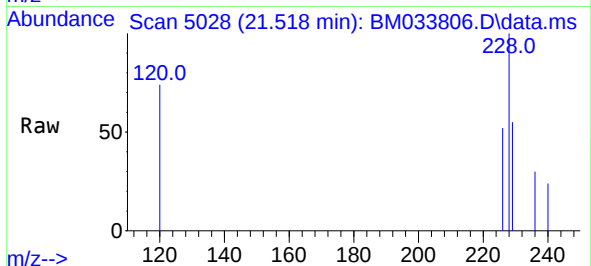
Tgt Ion:228 Resp: 2001
Ion Ratio Lower Upper
228 100
229 52.4 17.3 25.9#
226 48.7 23.2 34.8#





#22
Chrysene
Concen: 0.050 ng/u1
RT: 21.518 min Scan# 5028
Delta R.T. -0.004 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

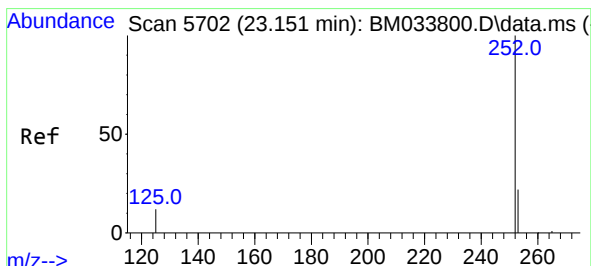
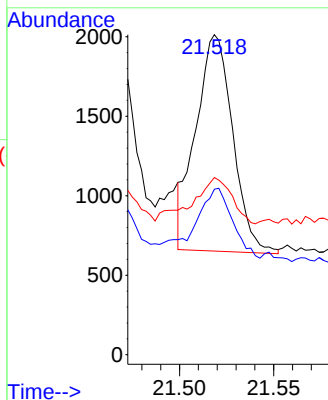
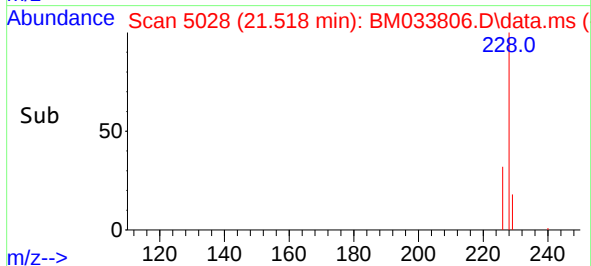
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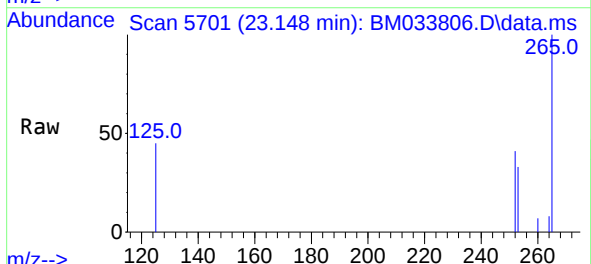
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Ion Ratio Lower Upper
228 100
226 51.7 25.8 38.8#
229 55.3 16.7 25.1#

Manual Integrations
APPROVED

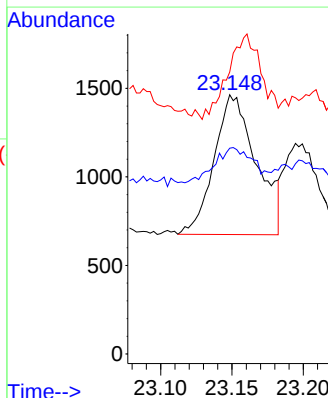
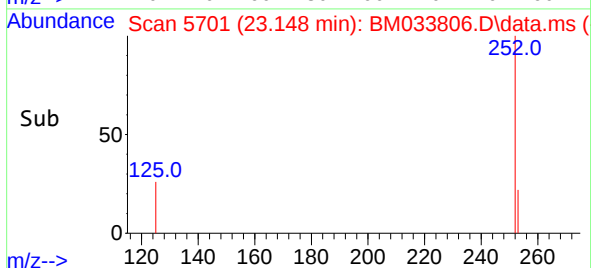
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

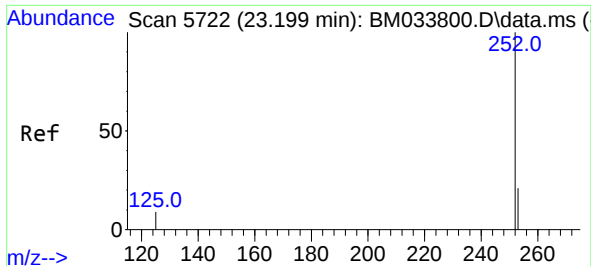


#24
Benzo(b)fluoranthene
Concen: 0.041 ng/u1
RT: 23.148 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06



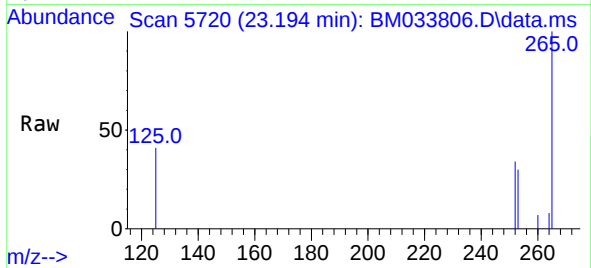
Tgt Ion:252 Resp: 1627
Ion Ratio Lower Upper
252 100
253 79.4 0.0 64.2#
125 108.7 0.0 28.8#





#25
Benzo(k)fluoranthene
Concen: 0.022 ng/ul
RT: 23.194 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

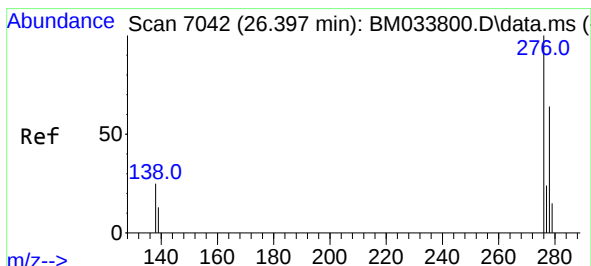
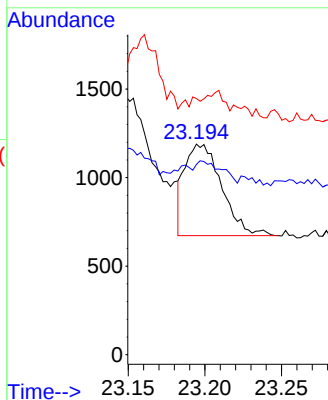
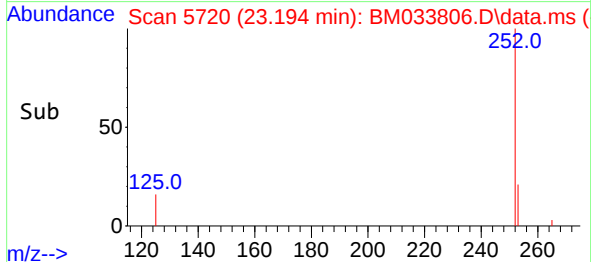
Instrument :
BNA_M
ClientSampleId :
C0F25



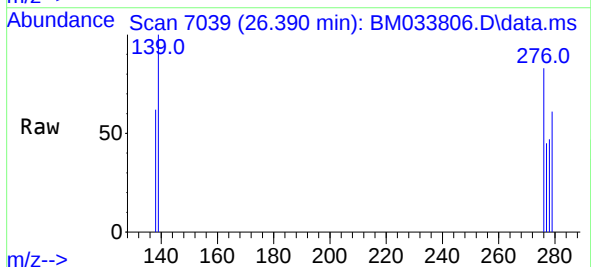
Tgt Ion:252 Resp: 860
Ion Ratio Lower Upper
252 100
253 90.3 26.8 40.2
125 121.7 12.0 18.0

Manual Integrations
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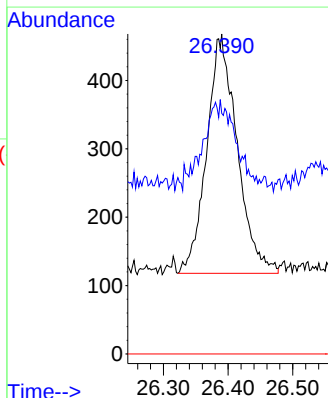
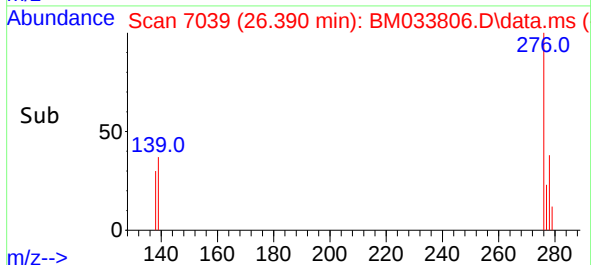
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

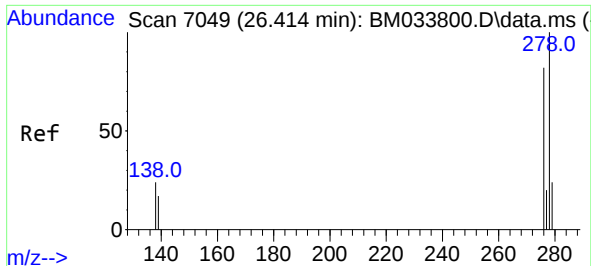


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.026 ng/ul
RT: 26.390 min Scan# 7039
Delta R.T. -0.007 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06



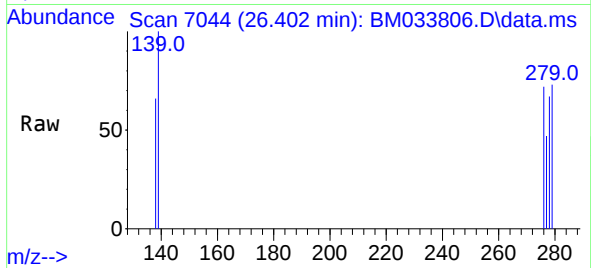
Tgt Ion:276 Resp: 1142
Ion Ratio Lower Upper
276 100
138 35.8 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul
RT: 26.402 min Scan# 7044
Delta R.T. -0.017 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06

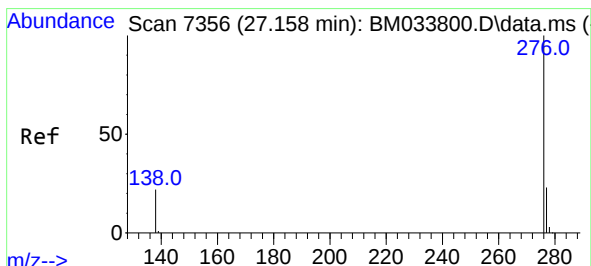
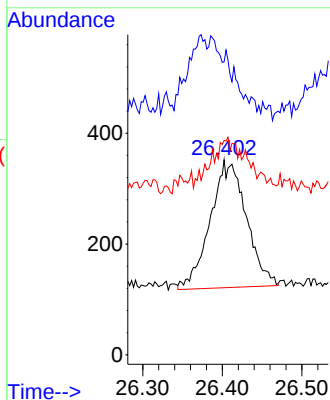
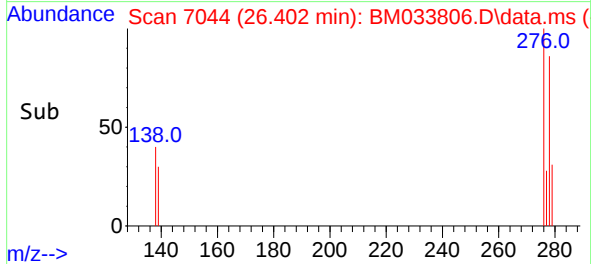
Instrument :
BNA_M
ClientSampleId :
C0F25



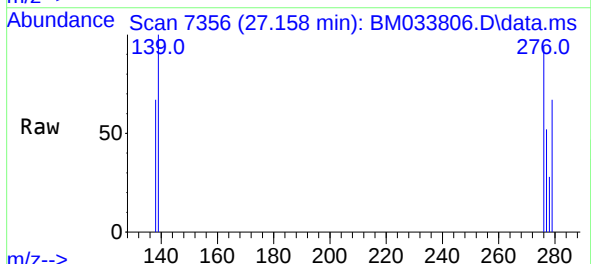
Tgt Ion:278 Resp: 723
Ion Ratio Lower Upper
278 100
139 150.3 18.0 27.0#
279 109.9 28.6 42.8#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 27.158 min Scan# 7356
Delta R.T. -0.009 min
Lab File: BM033806.D
Acq: 21 Jan 2022 02:06



Tgt Ion:276 Resp: 965
Ion Ratio Lower Upper
276 100
138 70.8 17.4 26.0#
277 55.3 22.6 33.8#

