

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039784.D
 Acq On : 01 May 2023 19:13
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y8

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 01:26:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3562	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	12563	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	13795	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.407	240	5797	0.400	ng/ul	# 0.00
23) Perylene-d12	23.760	264	8049	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	17324	3.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	5331	0.331	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	8041	0.515	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.644	128	57505	1.823	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	25282	1.389	ng/ul	97
8) 1-Methylnaphthalene	12.481	142	24367	1.248	ng/ul	100
10) Acenaphthylene	14.168	152	148796	5.331	ng/ul	100
11) Acenaphthene	14.511	153	101337	4.622	ng/ul	98
12) Fluorene	15.501	166	119062	4.895	ng/ul	99
15) Phenanthrene	17.246	178	1801752	49.575	ng/ul	99
16) Anthracene	17.339	178	439586	14.086	ng/ul	97
19) Fluoranthene	19.276	202	3266963	157.966	ng/ul	99
20) Pyrene	19.638	202	2837629	127.055	ng/ul	96
21) Benzo(a)anthracene	21.389	228	1441935	86.513	ng/ul	97
22) Chrysene	21.442	228	1383477	73.348	ng/ul	97
24) Benzo(b)fluoranthene	23.052	252	1943758	68.763	ng/ul	92
25) Benzo(k)fluoranthene	23.090	252	624847m	21.709	ng/ul	
26) Benzo(a)pyrene	23.663	252	1385538	54.593	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.206	276	1053861	32.839	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.209	278	262225	10.528	ng/ul	96
29) Benzo(g,h,i)perylene	26.960	276	920981	32.936	ng/ul	98

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

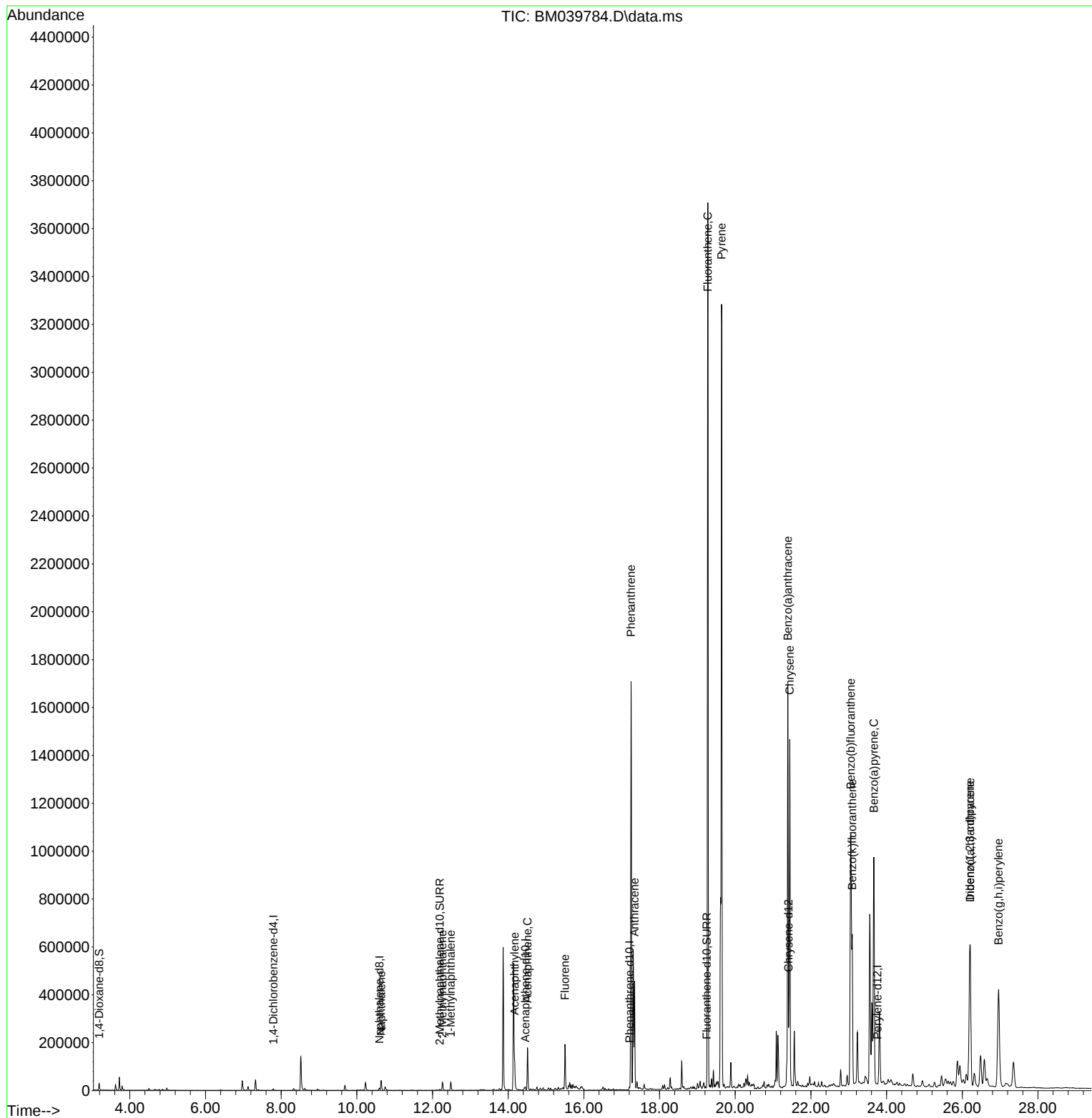
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039784.D
Acq On : 01 May 2023 19:13
Operator : CG/JU
Sample : 02418-02
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ALS Vial : 15 Sample Multiplier: 1

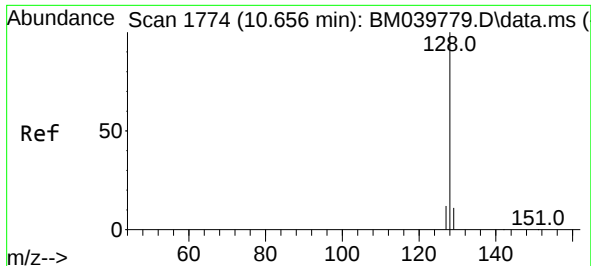
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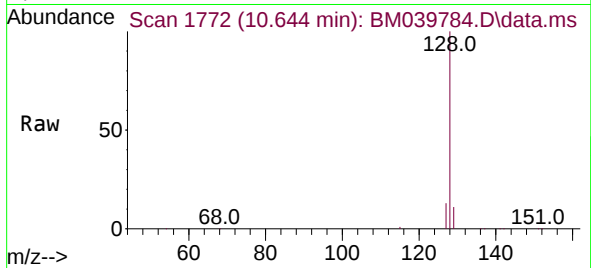
Quant Time: May 02 01:26:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.823 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. -0.011 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

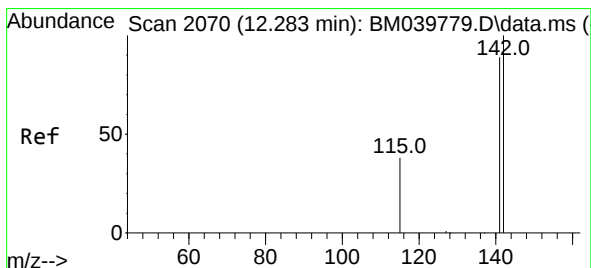
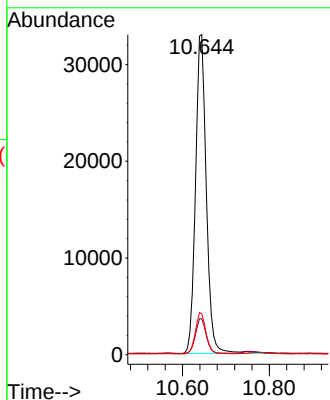
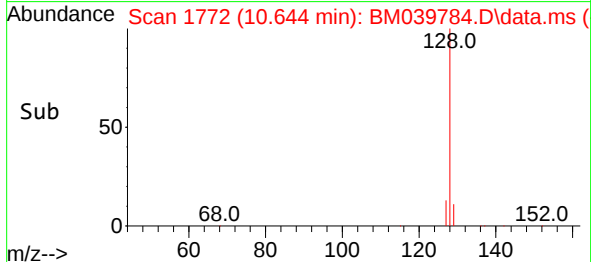
Instrument :
BNA_M
ClientSampleId :
EW8Y8



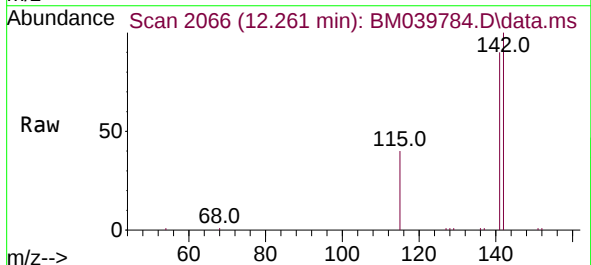
Tgt Ion:128 Resp: 5750
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.6
127 12.9 11.1 16.7

Manual Integrations
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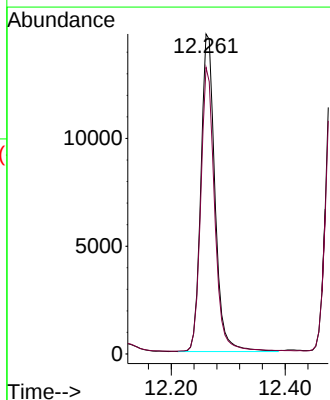
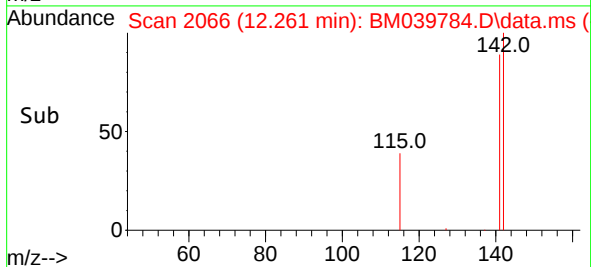
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

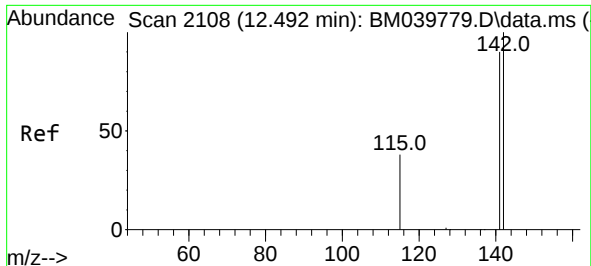


#7
2-Methylnaphthalene
Concen: 1.389 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.017 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13



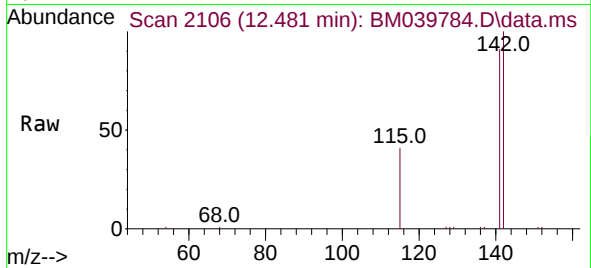
Tgt Ion:142 Resp: 25282
Ion Ratio Lower Upper
142 100
141 88.3 73.2 109.8





#8
1-Methylnaphthalene
Concen: 1.248 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

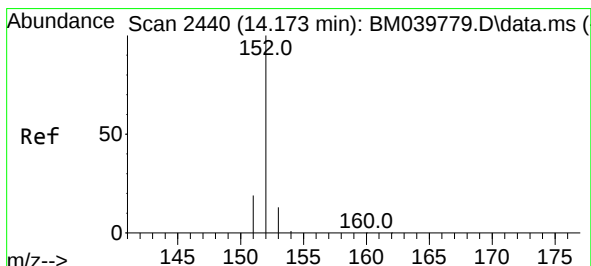
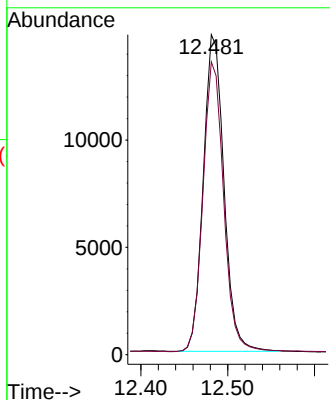
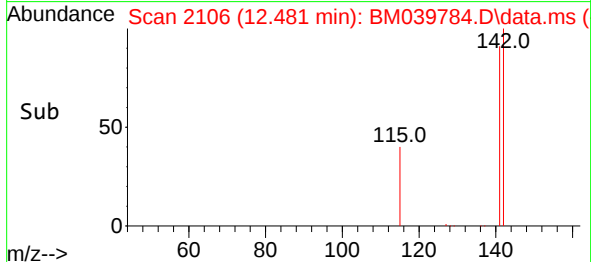
Instrument :
BNA_M
ClientSampleId :
EW8Y8



Tgt Ion:142 Resp: 2436
Ion Ratio Lower Upper
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141 91.6 73.4 110.2

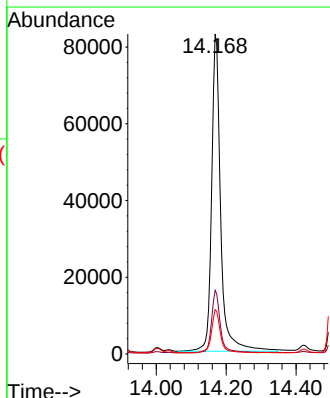
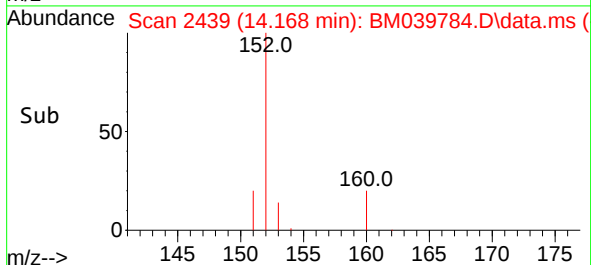
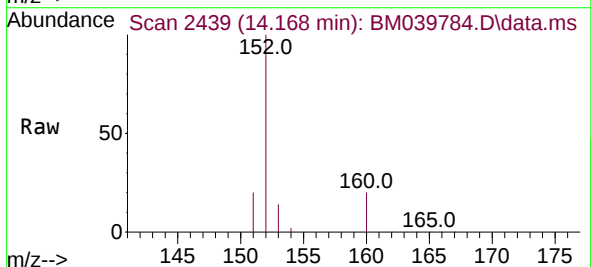
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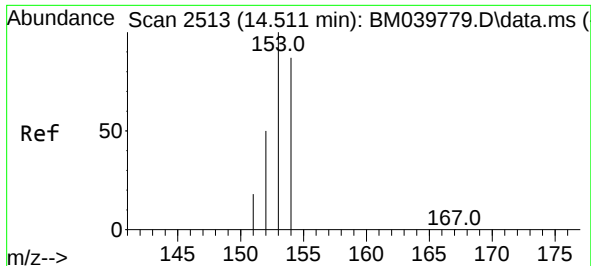
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#10
Acenaphthylene
Concen: 5.331 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

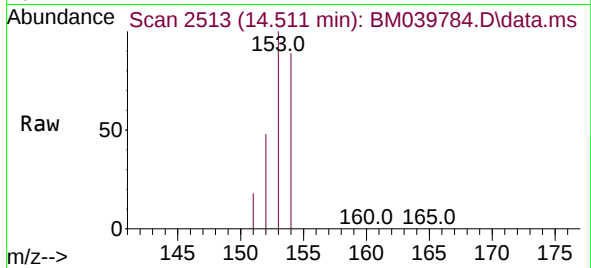
Tgt Ion:152 Resp: 148796
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.9 11.2 16.8





#11
Acenaphthene
Concen: 4.622 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

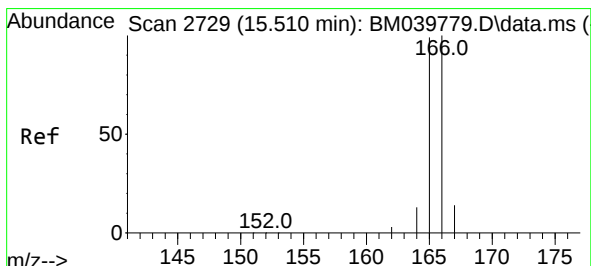
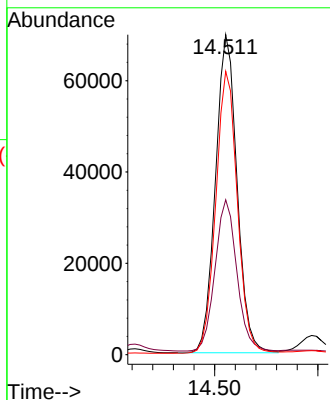
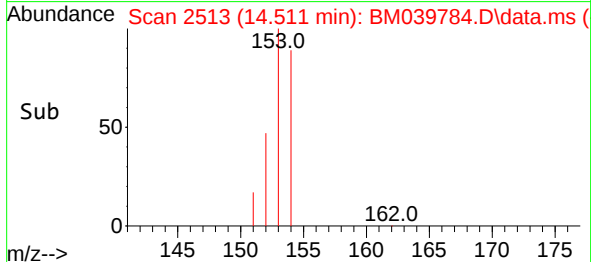
Instrument :
BNA_M
ClientSampleId :
EW8Y8



Tgt Ion:153 Resp: 10133
Ion Ratio Lower Upper
153 100
152 48.4 40.6 61.0
154 88.5 71.9 107.9

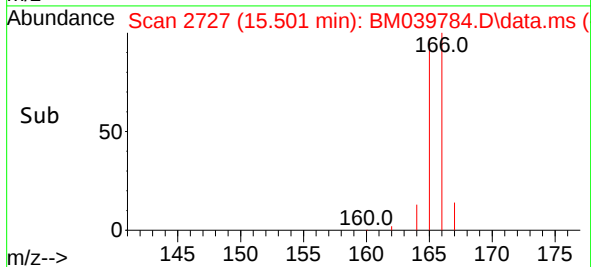
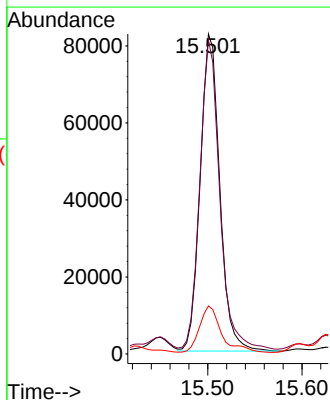
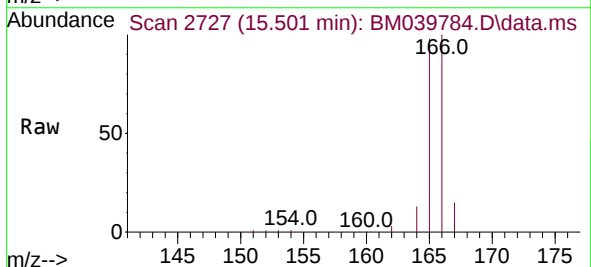
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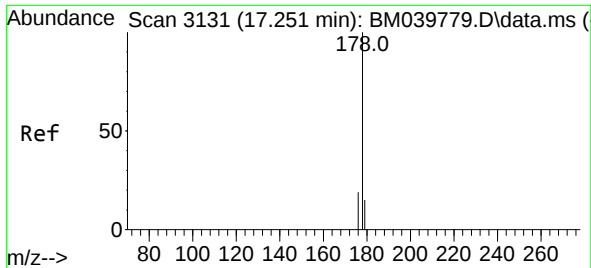
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#12
Fluorene
Concen: 4.895 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

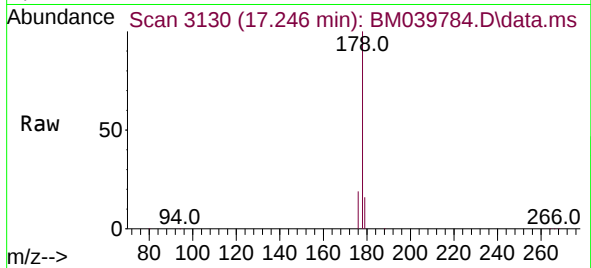
Tgt Ion:166 Resp: 119062
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 15.0 11.8 17.6





#15
Phenanthrene
Concen: 49.575 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

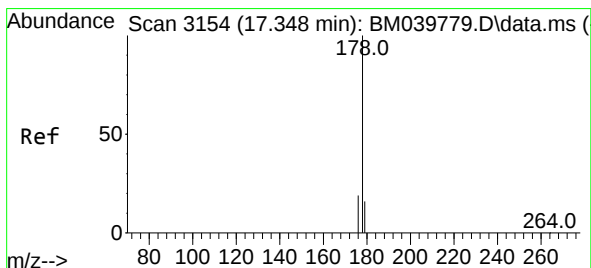
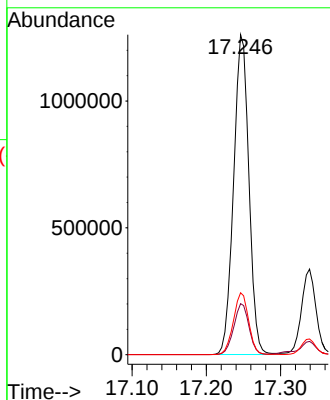
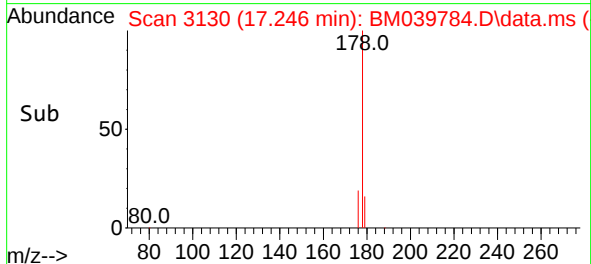
Instrument :
BNA_M
ClientSampleId :
EW8Y8



Tgt Ion:178 Resp: 1801752
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.4 15.8 23.8

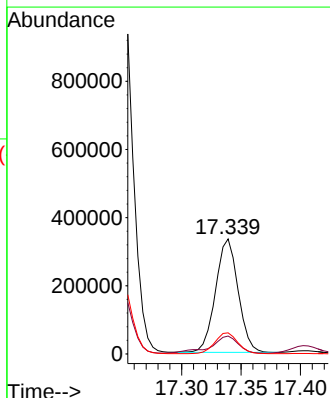
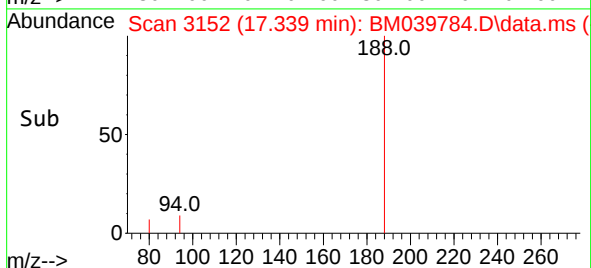
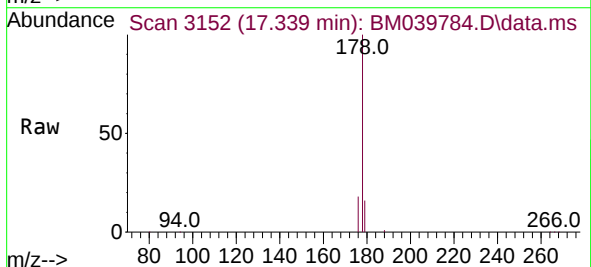
Manual Integrations
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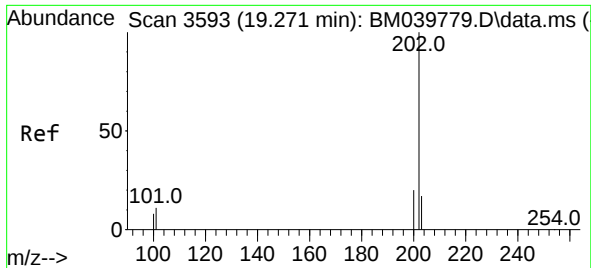
Reviewed By :Christian Giraldo 05/02/2023
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#16
Anthracene
Concen: 14.086 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

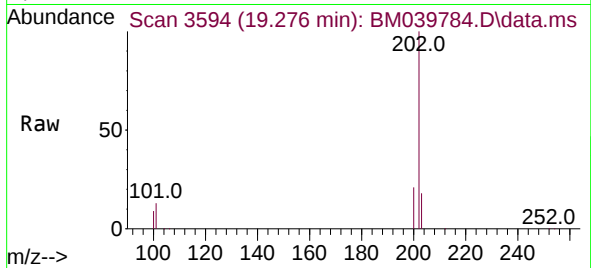
Tgt Ion:178 Resp: 439586
Ion Ratio Lower Upper
178 100
179 15.6 13.8 20.6
176 18.4 15.8 23.8





#19
Fluoranthene
Concen: 157.966 ng/u1
RT: 19.276 min Scan# 3594
Delta R.T. 0.009 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

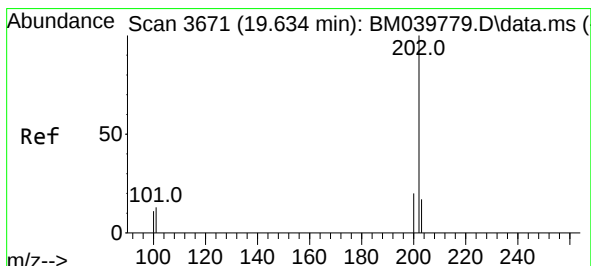
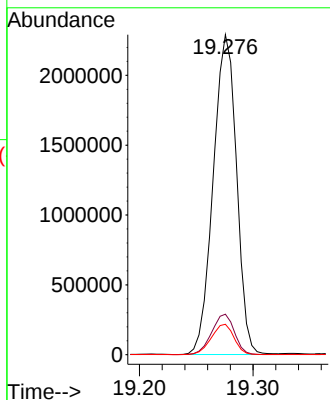
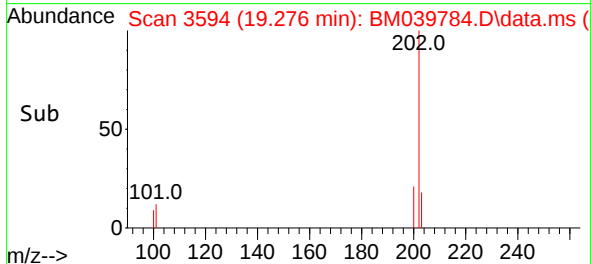
Instrument :
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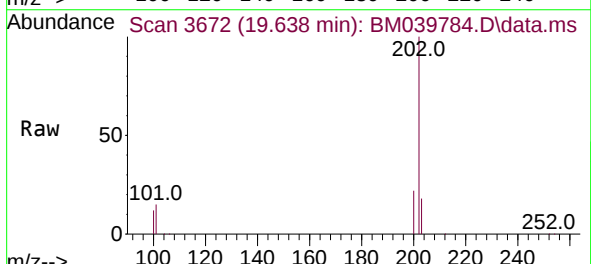
Tgt Ion:202 Resp: 326696
Ion Ratio Lower Upper
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101 12.6 9.8 14.8
100 9.5 7.3 10.9

Manual Integrations
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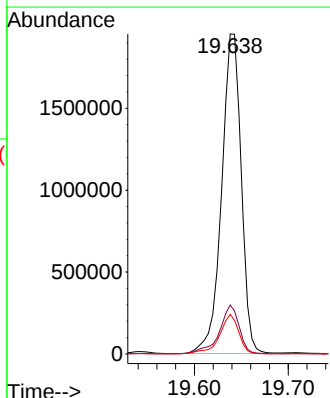
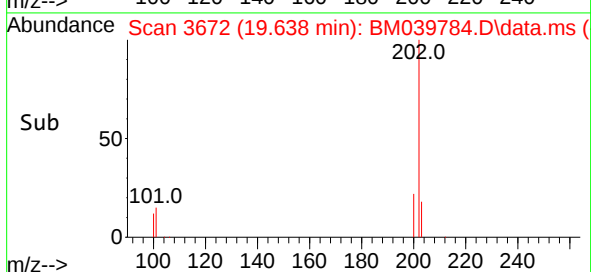
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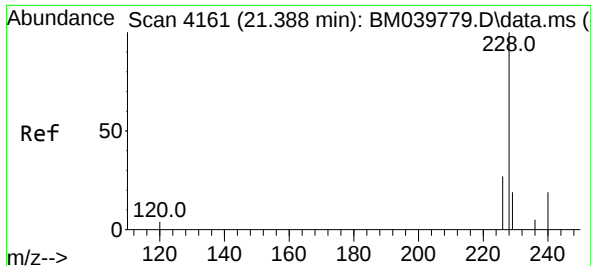


#20
Pyrene
Concen: 127.055 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13



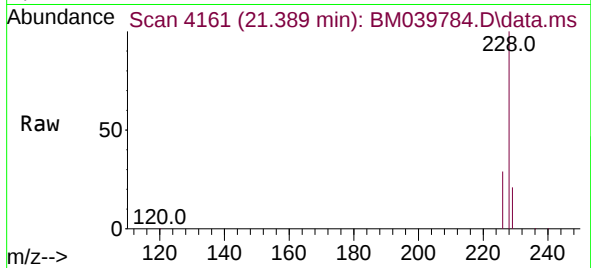
Tgt Ion:202 Resp: 2837629
Ion Ratio Lower Upper
202 100
101 15.3 10.9 16.3
100 12.3 8.9 13.3





#21
Benzo(a)anthracene
Concen: 86.513 ng/u1
RT: 21.389 min Scan# 4161
Delta R.T. 0.006 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

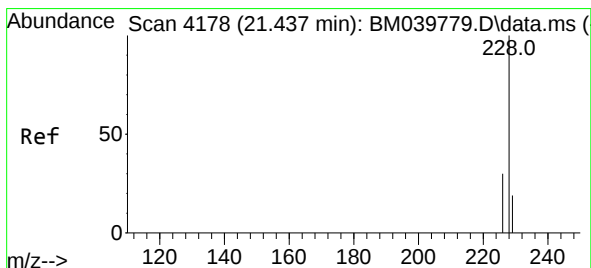
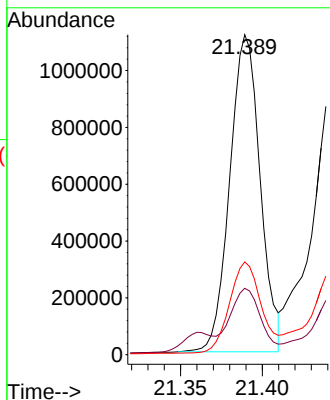
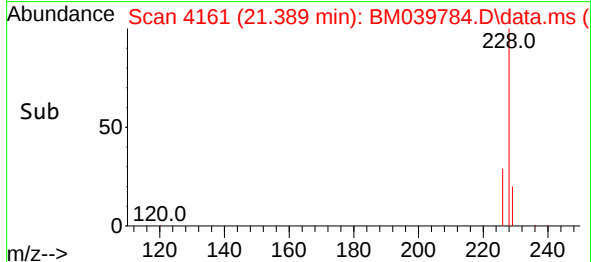
Instrument :
BNA_M
ClientSampleId :
EW8Y8



Tgt Ion:228 Resp: 1441935
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 29.0 21.6 32.4

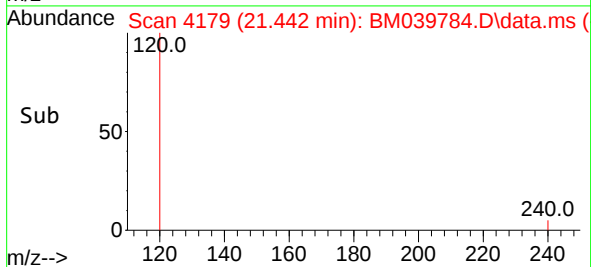
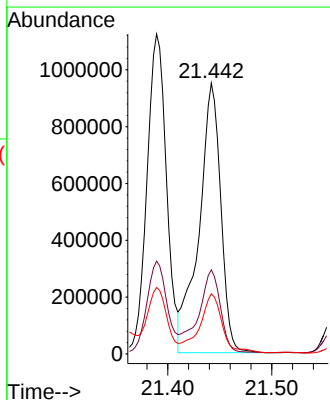
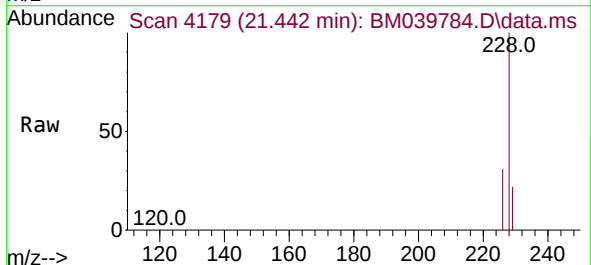
Manual Integrations
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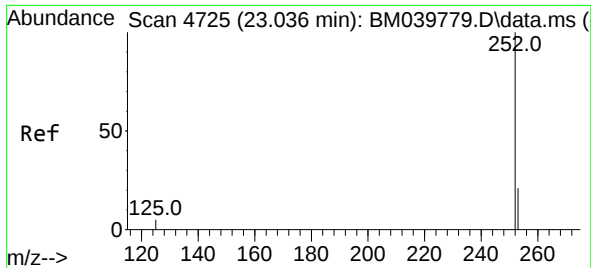
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#22
Chrysene
Concen: 73.348 ng/u1
RT: 21.442 min Scan# 4179
Delta R.T. 0.006 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

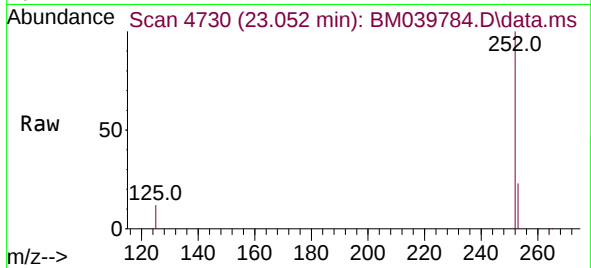
Tgt Ion:228 Resp: 1383477
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 68.763 ng/ul
RT: 23.052 min Scan# 4730
Delta R.T. 0.020 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

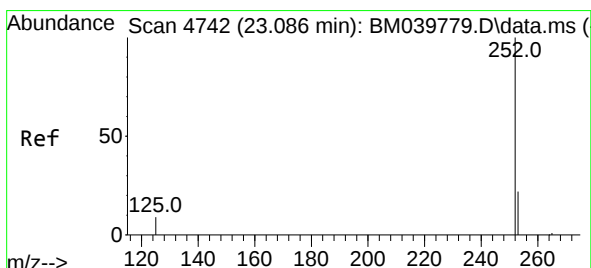
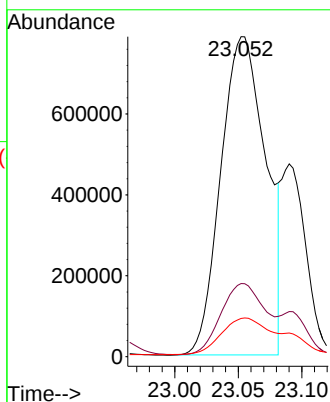
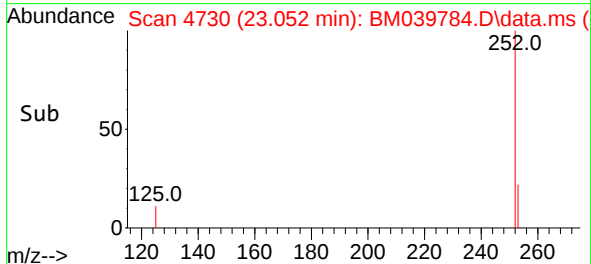
Instrument :
BNA_M
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EW8Y8



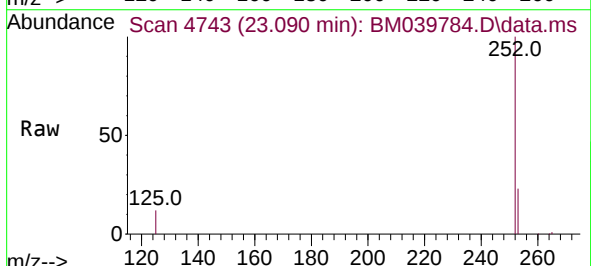
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Ion Ratio Lower Upper
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253 22.8 0.0 52.8
125 11.9 0.0 31.6

Manual Integrations
APPROVED

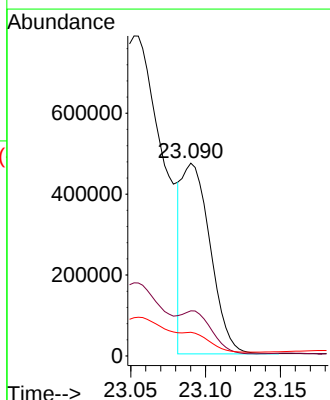
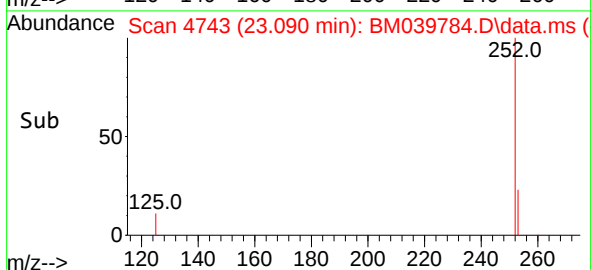
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

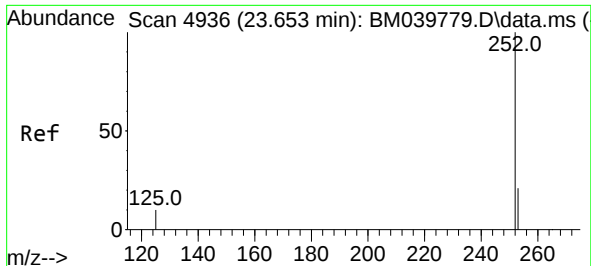


#25
Benzo(k)fluoranthene
Concen: 21.709 ng/ul m
RT: 23.090 min Scan# 4743
Delta R.T. 0.012 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13



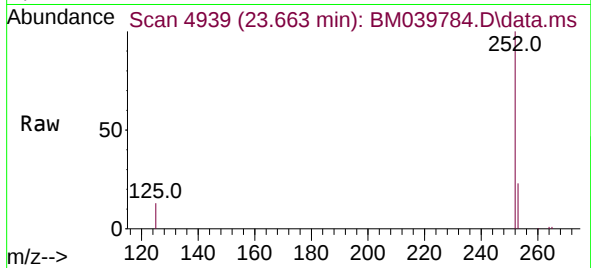
Tgt Ion:252 Resp: 624847
Ion Ratio Lower Upper
252 100
253 23.4 21.3 31.9
125 12.3 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 54.593 ng/ul
RT: 23.663 min Scan# 4939
Delta R.T. 0.020 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

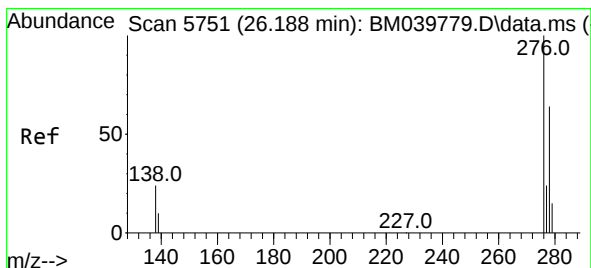
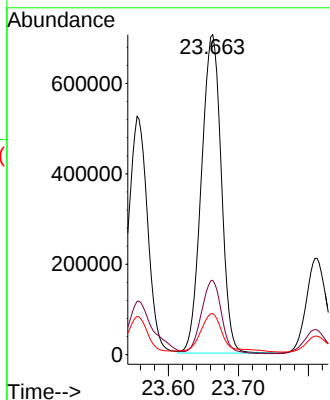
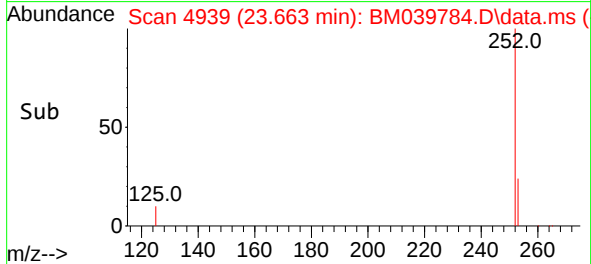
Instrument :
BNA_M
ClientSampleId :
EW8Y8



Tgt Ion:252 Resp: 1385538
Ion Ratio Lower Upper
252 100
253 23.2 24.7 37.1
125 12.9 16.5 24.7

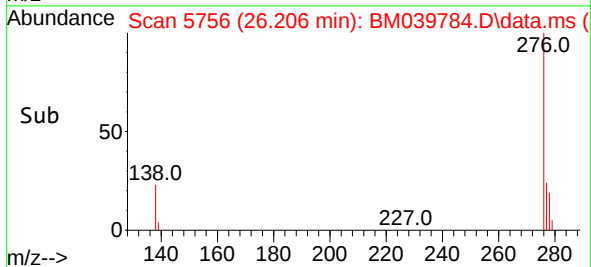
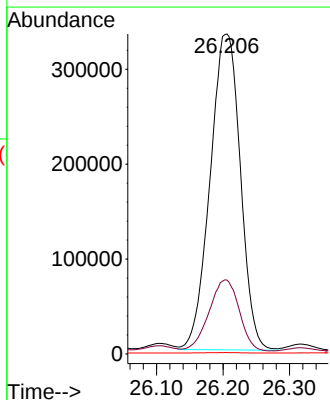
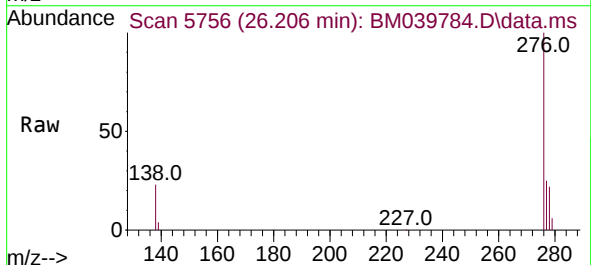
Manual Integrations
APPROVED

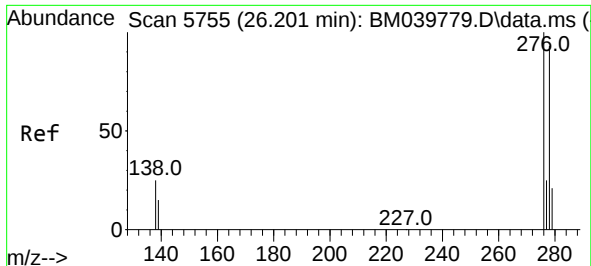
Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 32.839 ng/ul
RT: 26.206 min Scan# 5756
Delta R.T. 0.027 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

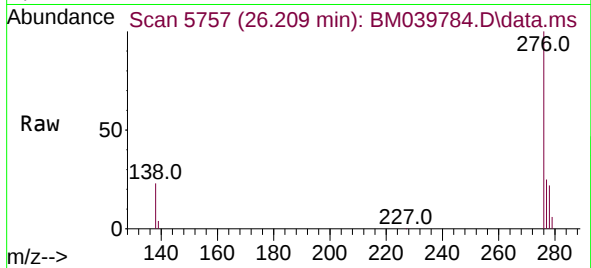
Tgt Ion:276 Resp: 1053861
Ion Ratio Lower Upper
276 100
138 22.4 21.1 31.7
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 10.528 ng/ul
RT: 26.209 min Scan# 51
Delta R.T. 0.020 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

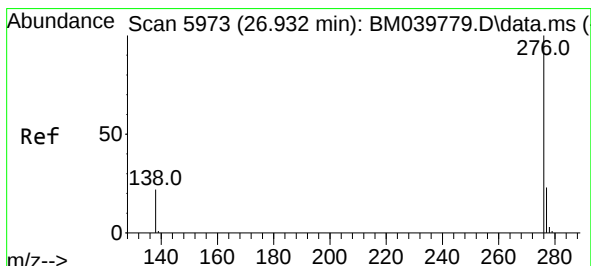
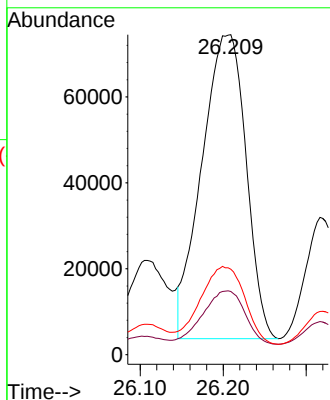
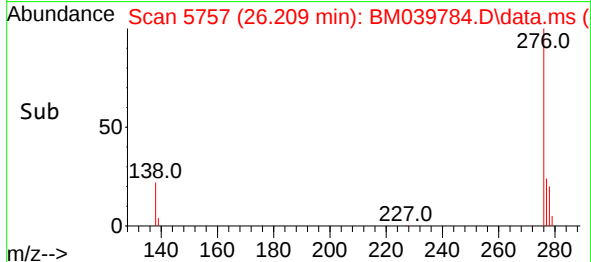
Instrument :
BNA_M
ClientSampleId :
EW8Y8



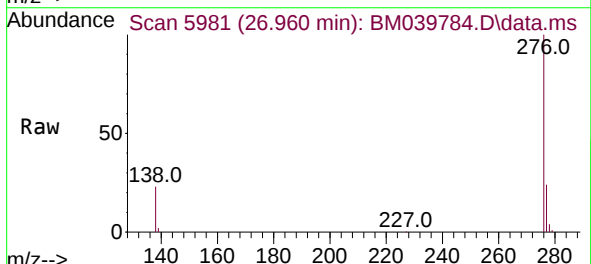
Tgt Ion:278 Resp: 262225
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 26.7 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023



#29
Benzo(g,h,i)perylene
Concen: 32.936 ng/ul
RT: 26.960 min Scan# 5981
Delta R.T. 0.040 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13



Tgt Ion:276 Resp: 920981
Ion Ratio Lower Upper
276 100
138 23.4 20.1 30.1
277 24.4 20.1 30.1

