

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039814.D
 Acq On : 02 May 2023 22:19
 Operator : CG/JU
 Sample : 02419-28DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW925DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Quant Time: May 03 04:18:06 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 : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	3657	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.595	136	11674	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	16265	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.408	240	8472	0.400	ng/ul	# 0.00
23) Perylene-d12	23.767	264	9694	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2188	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	610	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	1188	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	8305	0.283	ng/ul	98
7) 2-Methylnaphthalene	12.267	142	6182	0.365	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	3654	0.201	ng/ul	100
10) Acenaphthylene	14.173	152	17691	0.743	ng/ul	97
11) Acenaphthene	14.511	153	3349	0.179	ng/ul	96
12) Fluorene	15.506	166	4470	0.215	ng/ul#	94
15) Phenanthrene	17.246	178	85824	2.003	ng/ul	99
16) Anthracene	17.339	178	24747	0.673	ng/ul	98
19) Fluoranthene	19.271	202	248164	8.211	ng/ul	99
20) Pyrene	19.638	202	235686	7.221	ng/ul	98
21) Benzo(a)anthracene	21.391	228	166627	6.841	ng/ul	97
22) Chrysene	21.443	228	176429	6.400	ng/ul	95
24) Benzo(b)fluoranthene	23.048	252	319188m	9.376	ng/ul	
25) Benzo(k)fluoranthene	23.092	252	105617m	3.047	ng/ul	
26) Benzo(a)pyrene	23.662	252	209410	6.851	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.208	276	213104	5.514	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.208	278	53565	1.786	ng/ul#	91
29) Benzo(g,h,i)perylene	26.962	276	247294	7.343	ng/ul	98

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

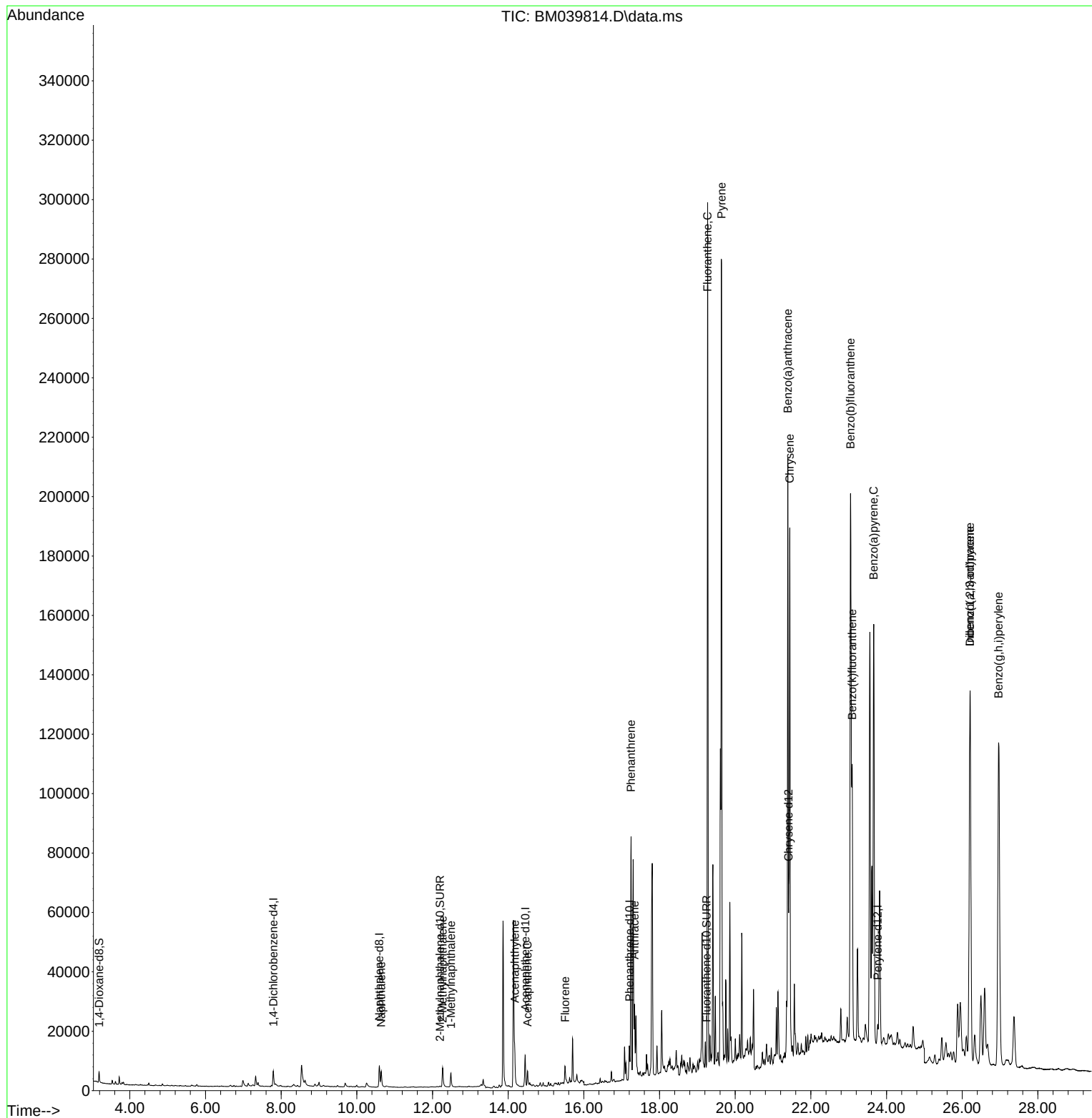
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
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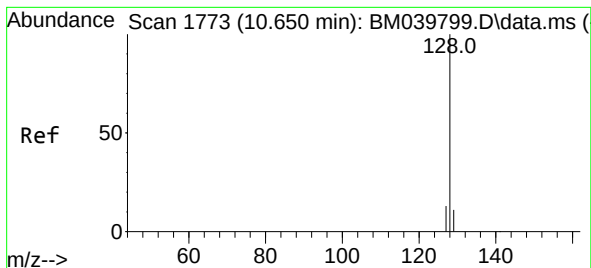
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#5

Naphthalene

Concen: 0.283 ng/ul

RT: 10.645 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM039814.D

Acq: 02 May 2023 22:19

Instrument :

BNA_M

ClientSampleId :

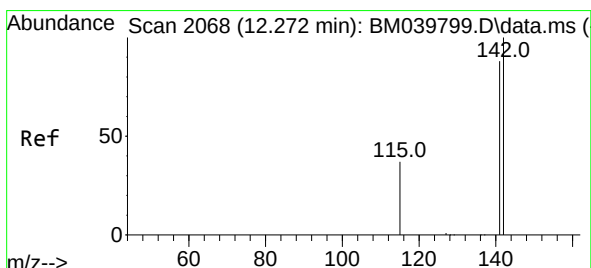
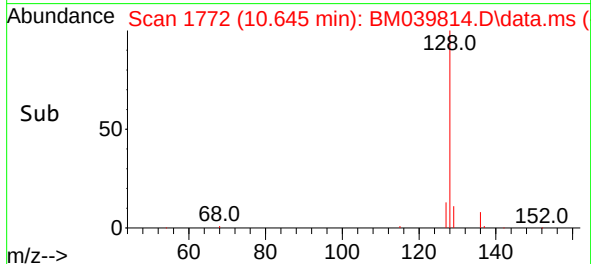
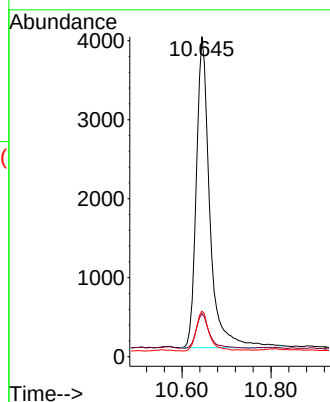
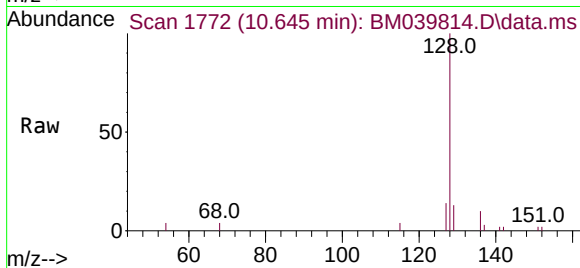
EW925DL

Tgt Ion:128	Resp:	830
Ion Ratio	Lower	Upper
128	100	
129	13.5	9.8 14.6
127	14.2	11.1 16.7

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.365 ng/ul

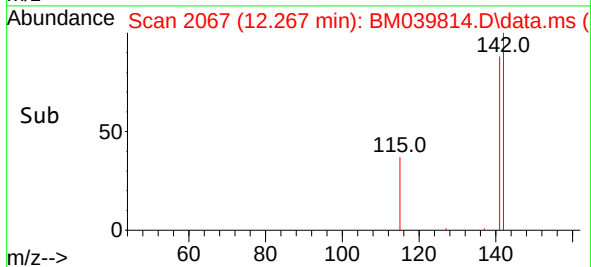
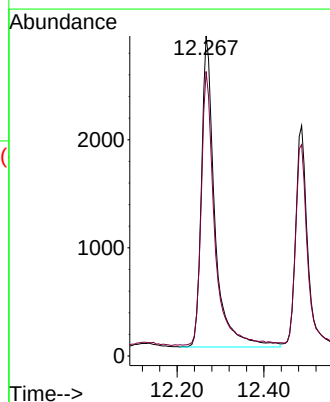
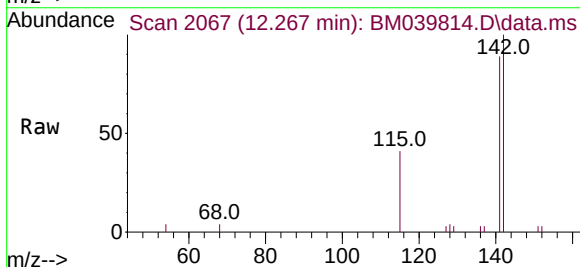
RT: 12.267 min Scan# 2067

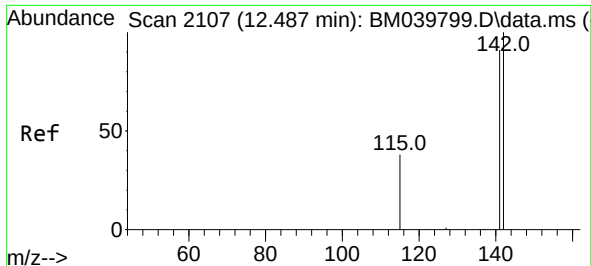
Delta R.T. -0.005 min

Lab File: BM039814.D

Acq: 02 May 2023 22:19

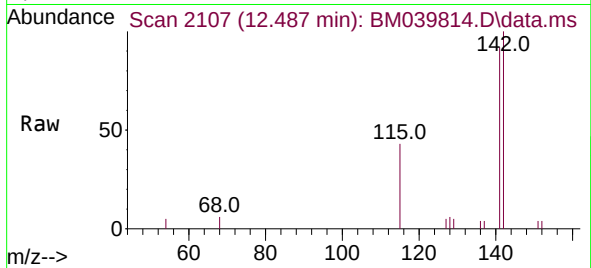
Tgt Ion:142	Resp:	6182
Ion Ratio	Lower	Upper
142	100	
141	88.0	73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

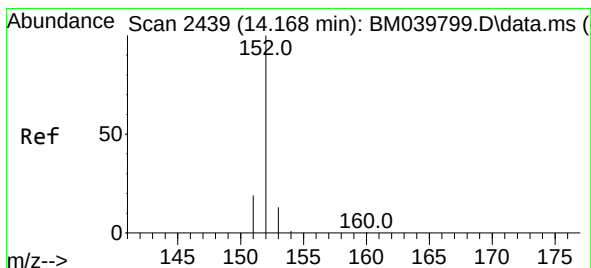
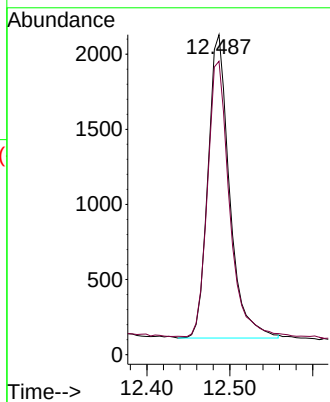
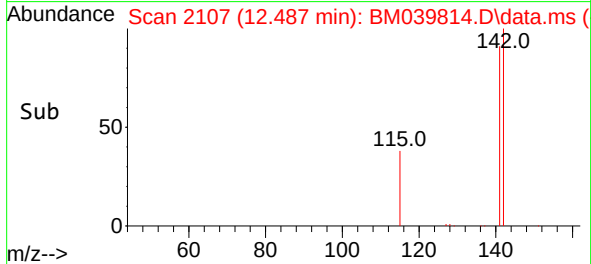
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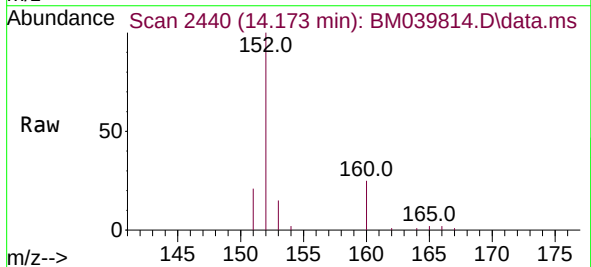
Tgt Ion:142 Resp: 3654
Ion Ratio Lower Upper
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141 91.8 73.4 110.2

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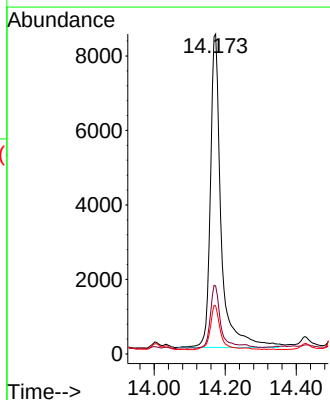
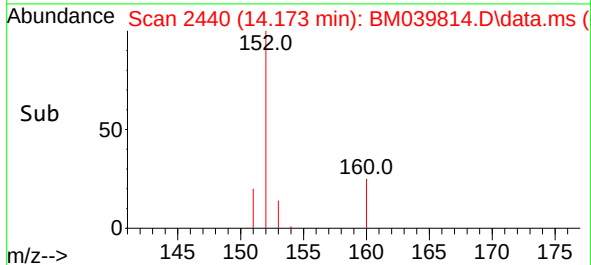
Reviewed By :Christian Giraldo 05/03/2023
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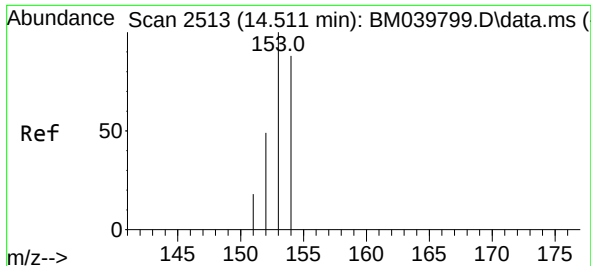


#10
Acenaphthylene
Concen: 0.743 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. 0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19



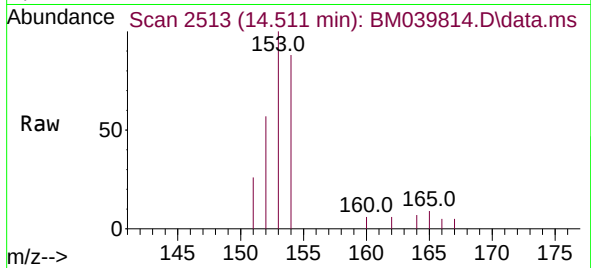
Tgt Ion:152 Resp: 17691
Ion Ratio Lower Upper
152 100
151 21.3 16.0 24.0
153 15.1 11.2 16.8





#11
Acenaphthene
Concen: 0.179 ng/u1
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

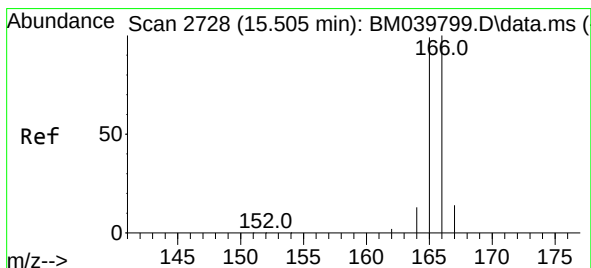
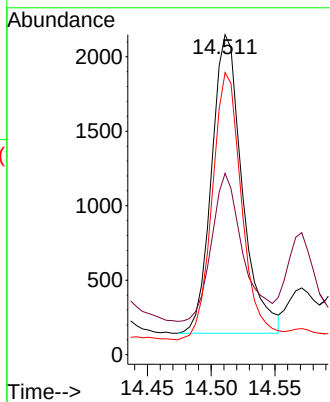
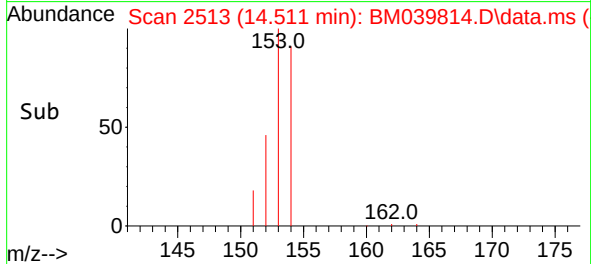
Instrument :
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Tgt Ion:153 Resp: 3349
Ion Ratio Lower Upper
153 100
152 56.7 40.6 61.0
154 88.2 71.9 107.9

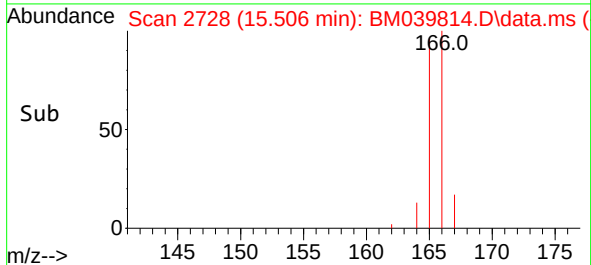
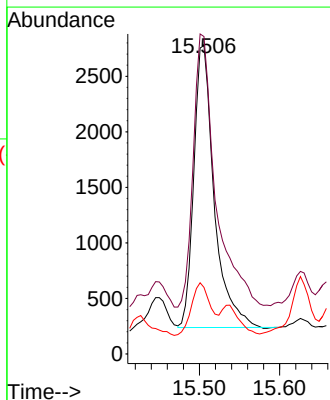
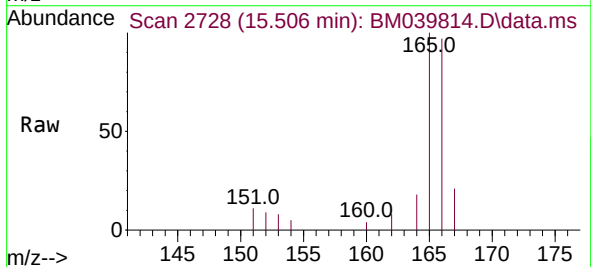
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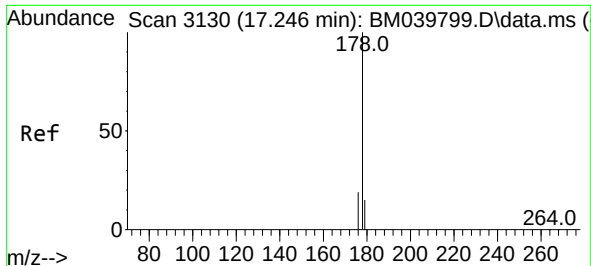
Reviewed By :Christian Giraldo 05/03/2023
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#12
Fluorene
Concen: 0.215 ng/u1
RT: 15.506 min Scan# 2728
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

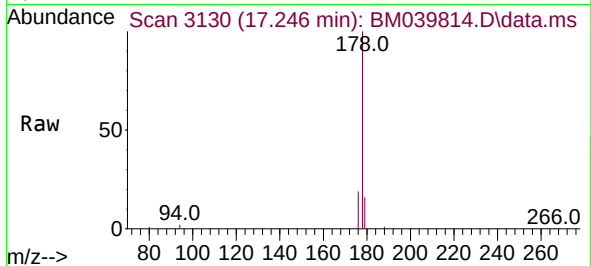
Tgt Ion:166 Resp: 4470
Ion Ratio Lower Upper
166 100
165 102.9 79.0 118.6
167 21.6 11.8 17.6#





#15
Phenanthrene
Concen: 2.003 ng/u1
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

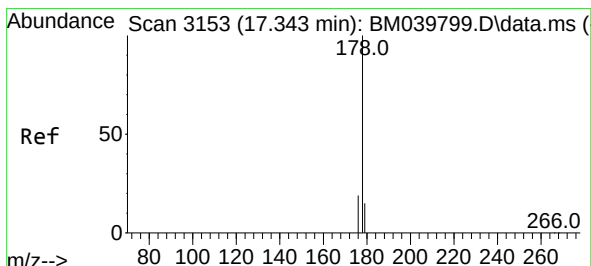
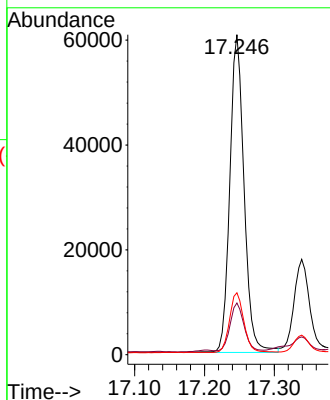
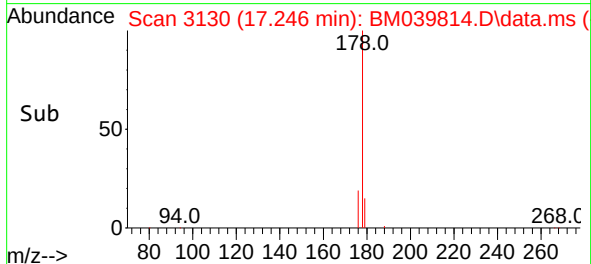
Instrument :
BNA_M
ClientSampleId :
EW925DL



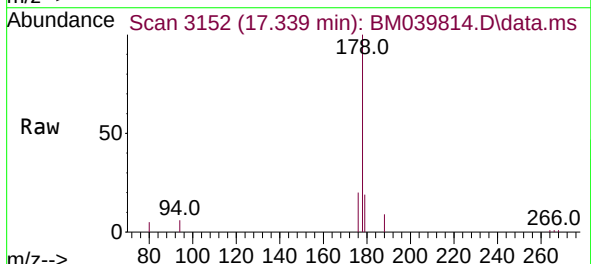
Tgt Ion:178 Resp: 85824
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.4 15.8 23.8

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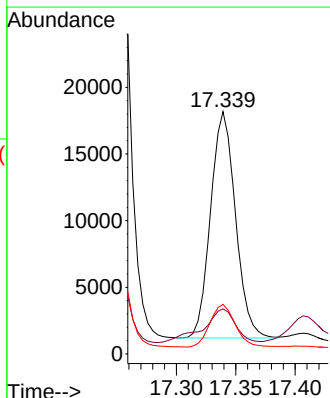
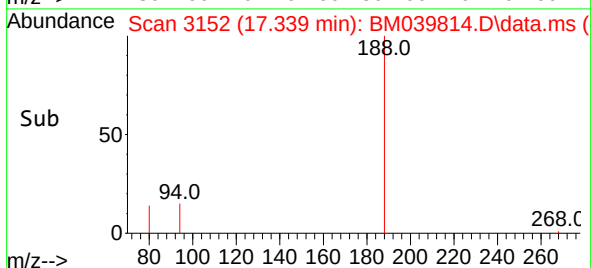
Reviewed By :Christian Giraldo 05/03/2023
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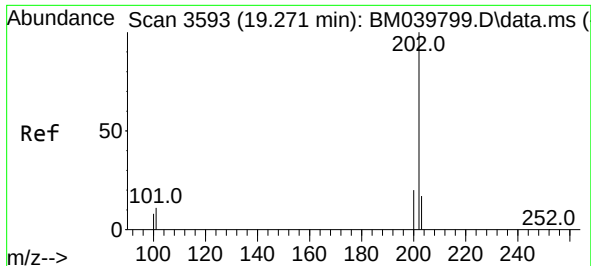


#16
Anthracene
Concen: 0.673 ng/u1
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19



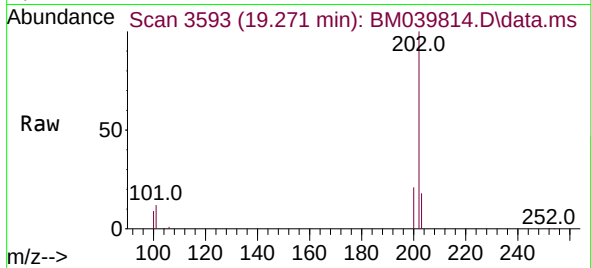
Tgt Ion:178 Resp: 24747
Ion Ratio Lower Upper
178 100
179 18.6 13.8 20.6
176 20.4 15.8 23.8





#19
Fluoranthene
Concen: 8.211 ng/u1
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

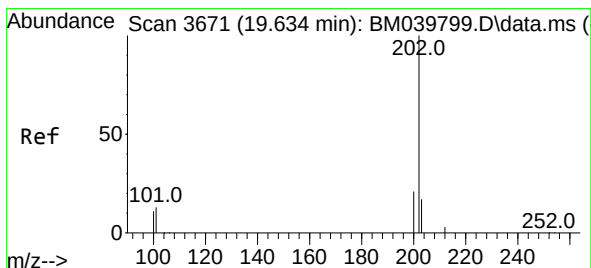
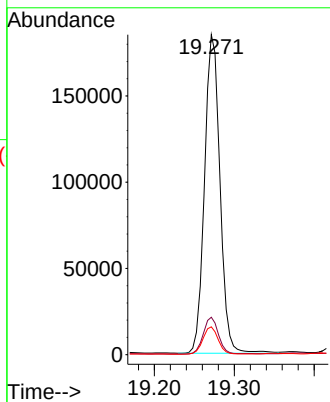
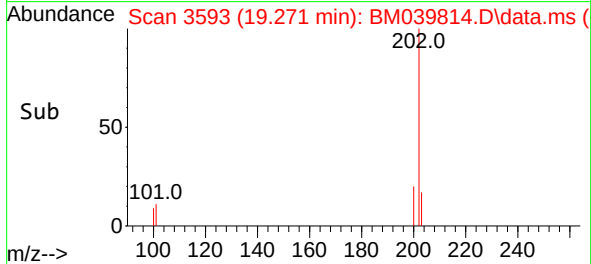
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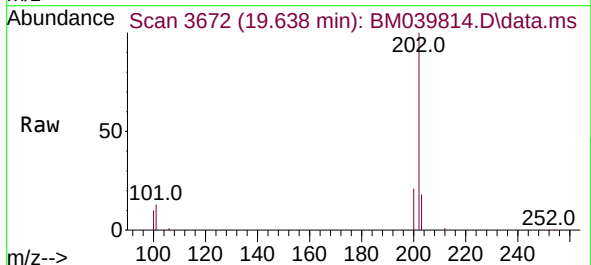
Tgt Ion:202 Resp: 248164
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.7 7.3 10.9

Manual Integrations
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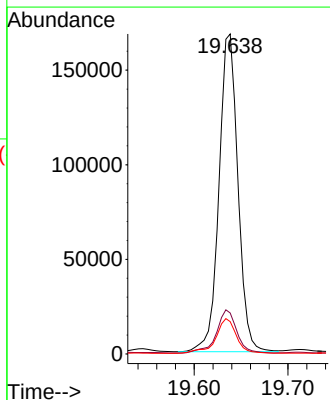
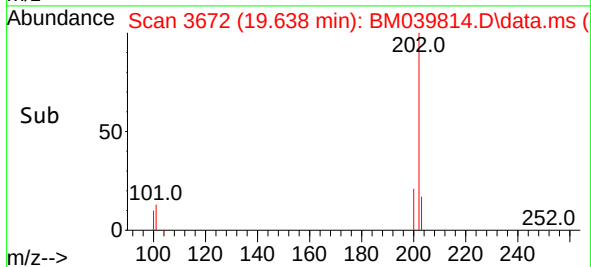
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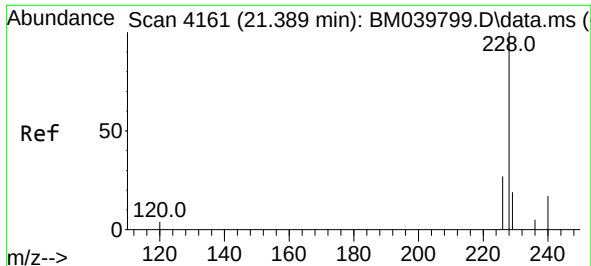


#20
Pyrene
Concen: 7.221 ng/u1
RT: 19.638 min Scan# 3672
Delta R.T. 0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19



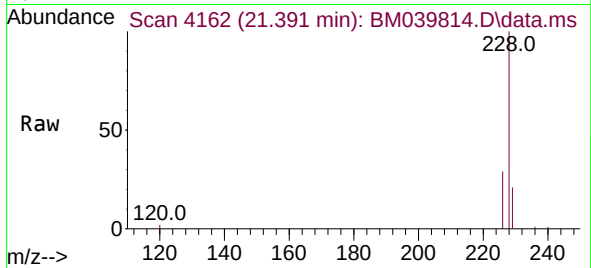
Tgt Ion:202 Resp: 235686
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.1 8.9 13.3





#21
Benzo(a)anthracene
Concen: 6.841 ng/u1
RT: 21.391 min Scan# 4161
Delta R.T. 0.001 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

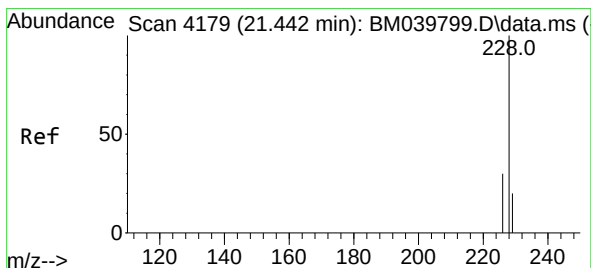
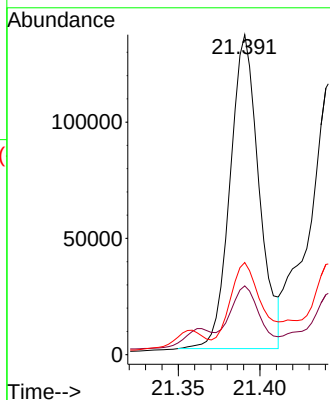
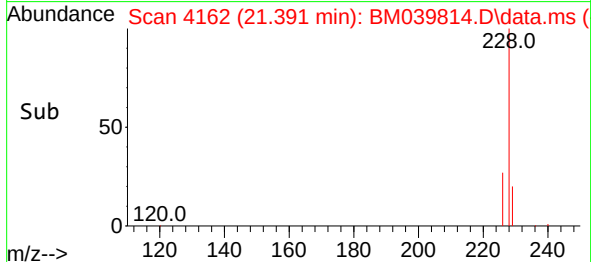
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Tgt Ion:228 Resp: 166627
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.8 21.6 32.4

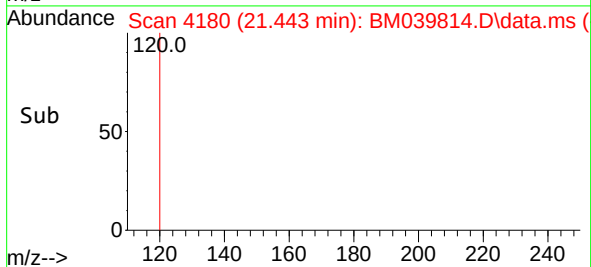
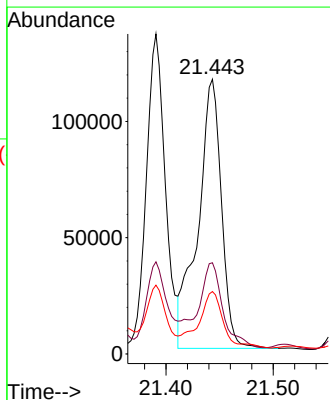
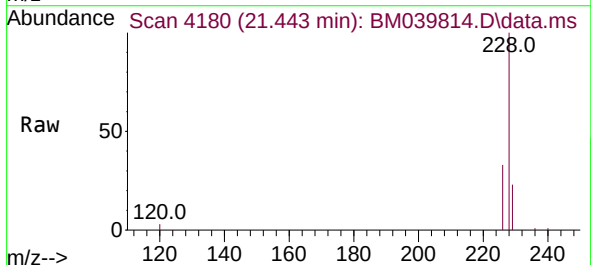
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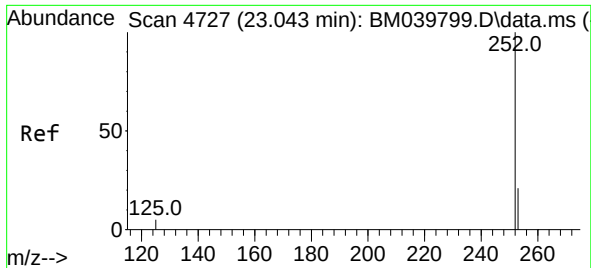
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Chrysene
Concen: 6.400 ng/u1
RT: 21.443 min Scan# 4180
Delta R.T. 0.001 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

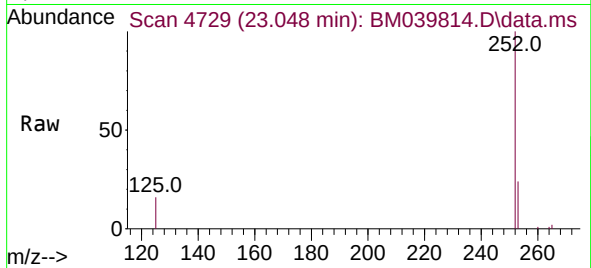
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Ion Ratio Lower Upper
228 100
226 33.2 24.3 36.5
229 22.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 9.376 ng/ul m
RT: 23.048 min Scan# 4727
Delta R.T. 0.004 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

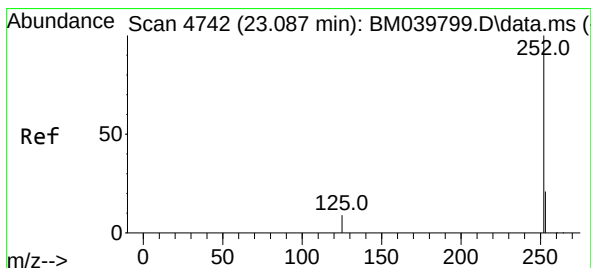
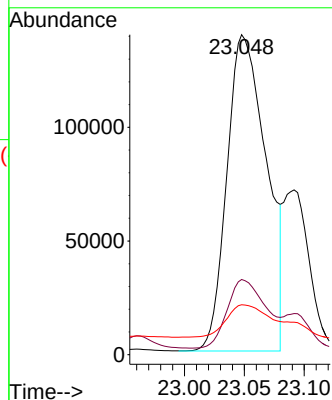
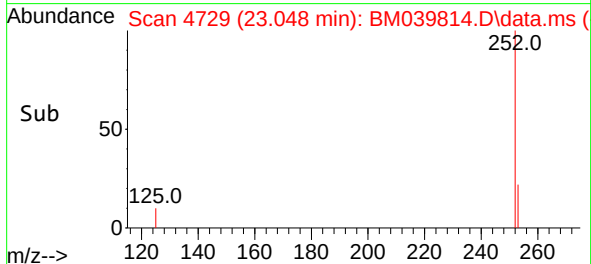
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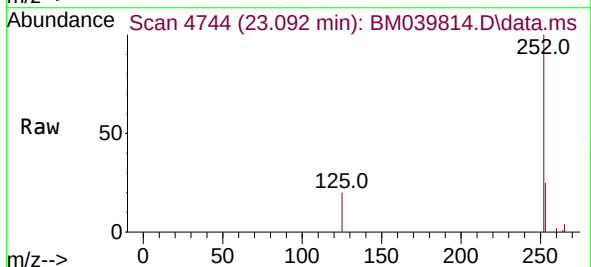
Tgt Ion:252 Resp: 31918
Ion Ratio Lower Upper
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125 15.6 0.0 31.6

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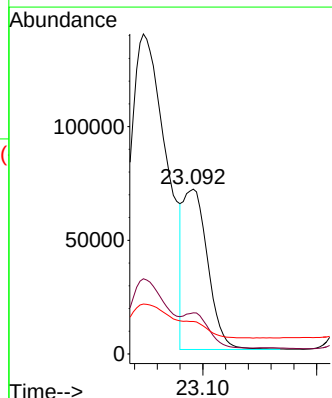
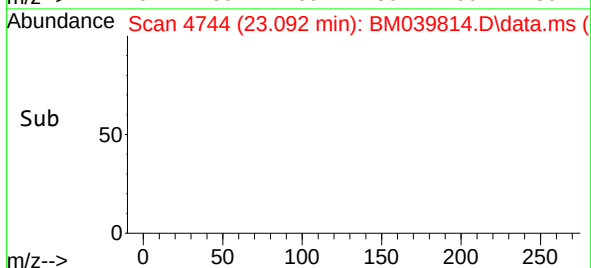
Reviewed By :Christian Giraldo 05/03/2023
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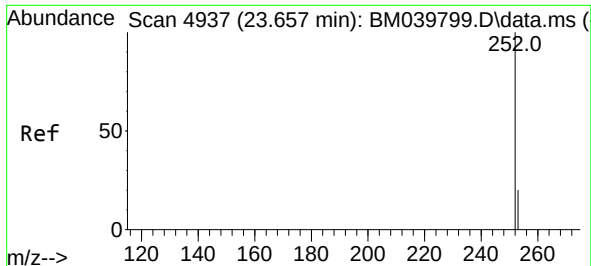


#25
Benzo(k)fluoranthene
Concen: 3.047 ng/ul m
RT: 23.092 min Scan# 4744
Delta R.T. 0.004 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19



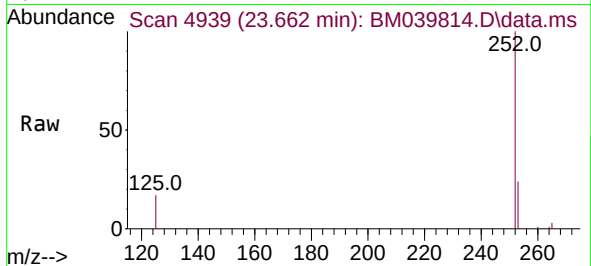
Tgt Ion:252 Resp: 105617
Ion Ratio Lower Upper
252 100
253 25.0 21.3 31.9
125 19.7 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 6.851 ng/ul
RT: 23.662 min Scan# 4939
Delta R.T. 0.004 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

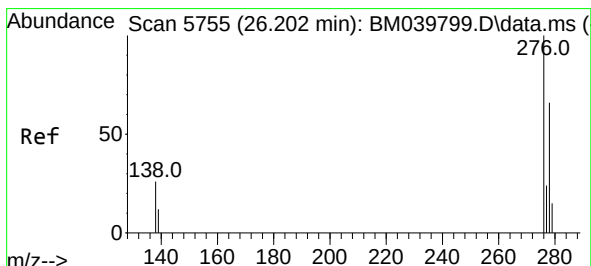
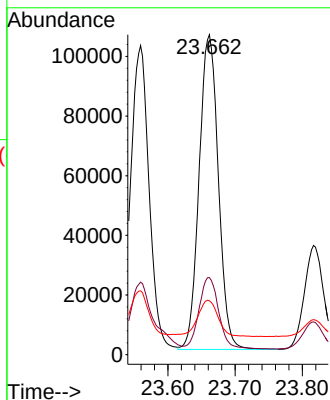
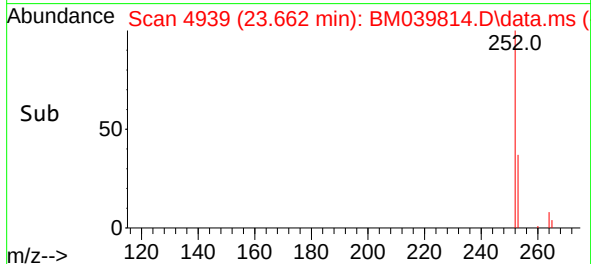
Instrument :
BNA_M
ClientSampleId :
EW925DL



Tgt Ion:252 Resp: 209410
Ion Ratio Lower Upper
252 100
253 24.1 24.7 37.1
125 16.9 16.5 24.7

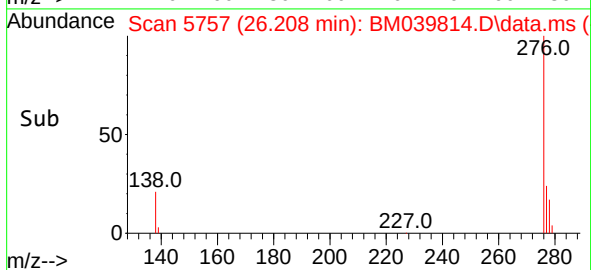
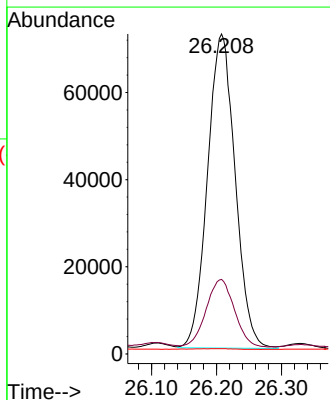
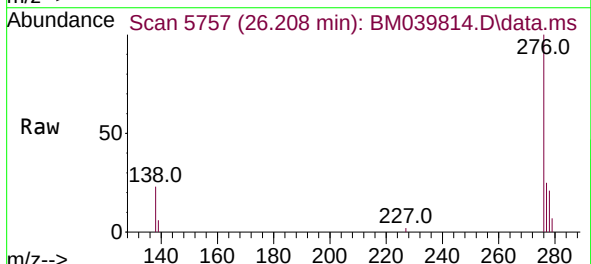
Manual Integrations
APPROVED

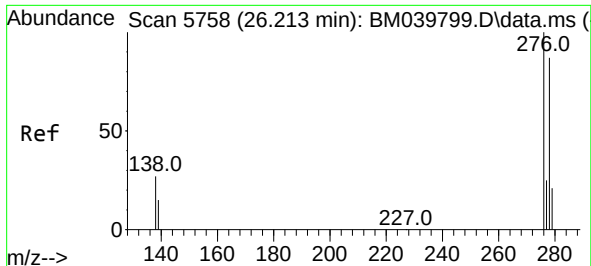
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.514 ng/ul
RT: 26.208 min Scan# 5757
Delta R.T. 0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

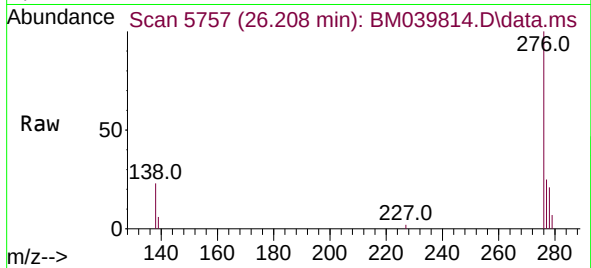
Tgt Ion:276 Resp: 213104
Ion Ratio Lower Upper
276 100
138 21.9 21.1 31.7
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.786 ng/ul
RT: 26.208 min Scan# 51
Delta R.T. -0.005 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19

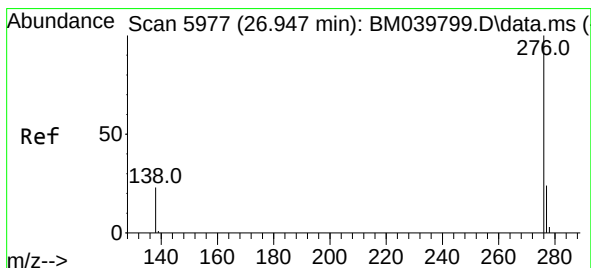
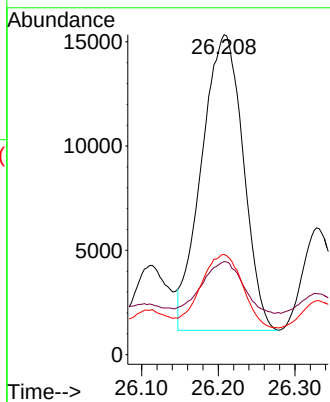
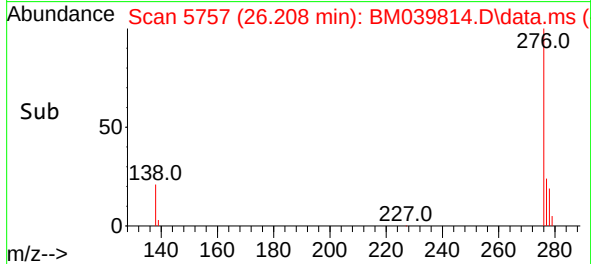
Instrument :
BNA_M
ClientSampleId :
EW925DL



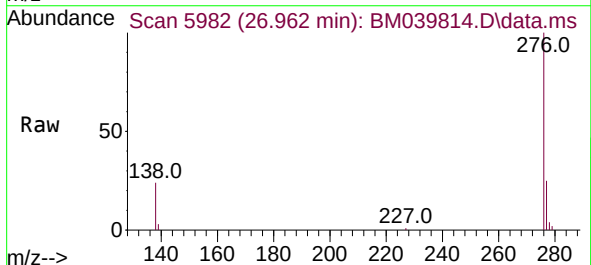
Tgt Ion:278 Resp: 5356
Ion Ratio Lower Upper
278 100
139 29.1 17.0 25.6
279 31.4 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#29
Benzo(g,h,i)perylene
Concen: 7.343 ng/ul
RT: 26.962 min Scan# 5982
Delta R.T. 0.015 min
Lab File: BM039814.D
Acq: 02 May 2023 22:19



Tgt Ion:276 Resp: 247294
Ion Ratio Lower Upper
276 100
138 24.0 20.1 30.1
277 24.6 20.1 30.1

