

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039735.D
 Acq On : 28 Apr 2023 14:25
 Operator : CG/JU
 Sample : 02418-24DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Z8DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 29 02:04:12 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 : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3416	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.606	136	12840	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	7956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	17777	0.400	ng/ul	-0.02
17) Chrysene-d12	21.395	240	15369	0.400	ng/ul	-0.01
23) Perylene-d12	23.739	264	13406	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2390	0.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	647	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1755	0.042	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.655	128	6611	0.205	ng/ul	97
7) 2-Methylnaphthalene	12.283	142	2582	0.139	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	2644	0.132	ng/ul	100
10) Acenaphthylene	14.173	152	7110	0.231	ng/ul	96
11) Acenaphthene	14.511	153	13159	0.544	ng/ul	98
12) Fluorene	15.505	166	12883	0.480	ng/ul	98
15) Phenanthrene	17.238	178	292535	6.246	ng/ul	98
16) Anthracene	17.335	178	52412	1.303	ng/ul	99
19) Fluoranthene	19.262	202	535119	9.760	ng/ul	98
20) Pyrene	19.624	202	474226	8.009	ng/ul	100
21) Benzo(a)anthracene	21.378	228	225405	5.101	ng/ul	99
22) Chrysene	21.430	228	217425	4.348	ng/ul	99
24) Benzo(b)fluoranthene	23.029	252	268072	5.694	ng/ul	92
25) Benzo(k)fluoranthene	23.070	252	96982m	2.023	ng/ul	
26) Benzo(a)pyrene	23.634	252	172576	4.083	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.162	276	110136	2.061	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.169	278	25180	0.607	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	92926	1.995	ng/ul	97

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

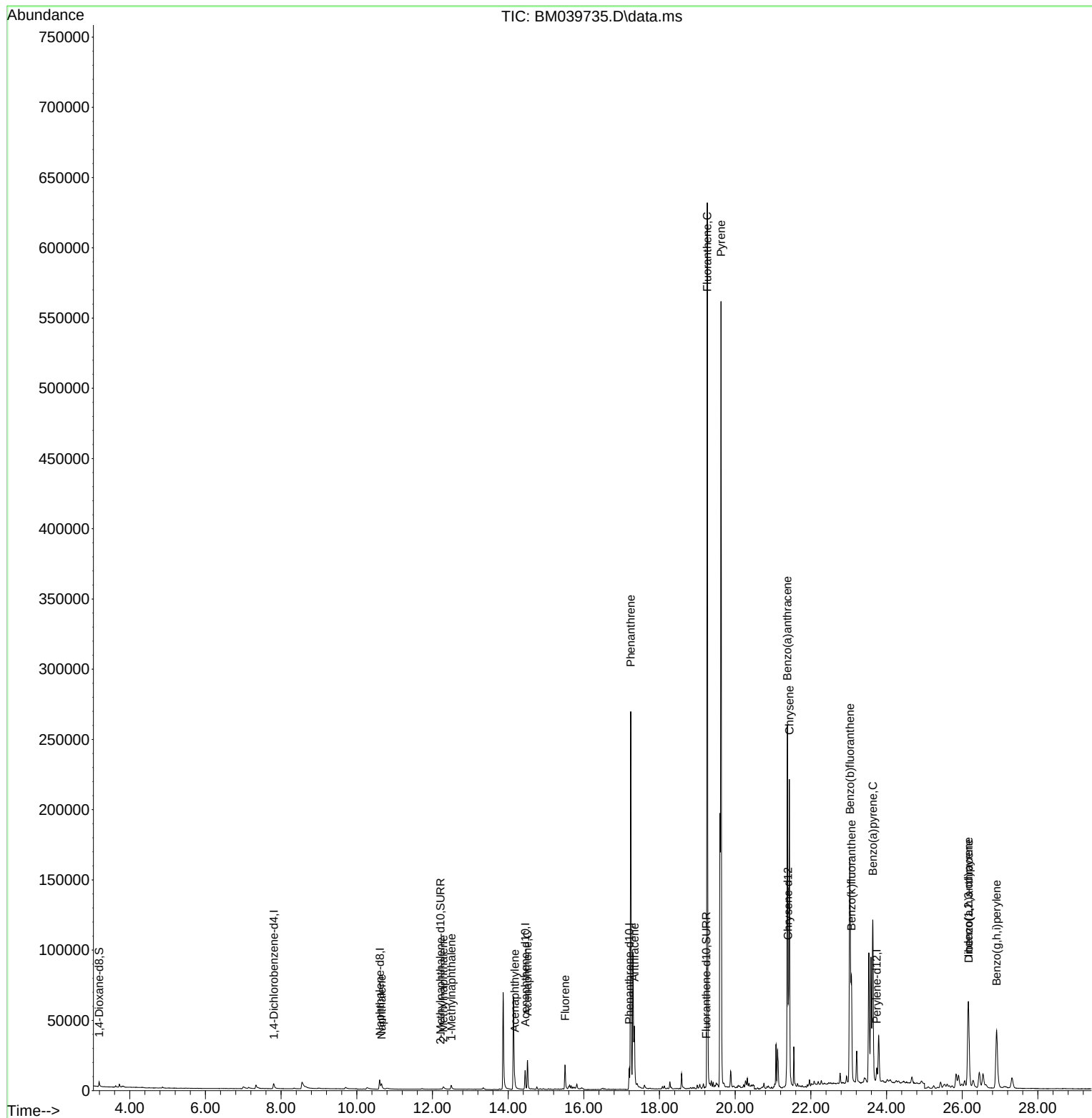
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039735.D
Acq On : 28 Apr 2023 14:25
Operator : CG/JU
Sample : 02418-24DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

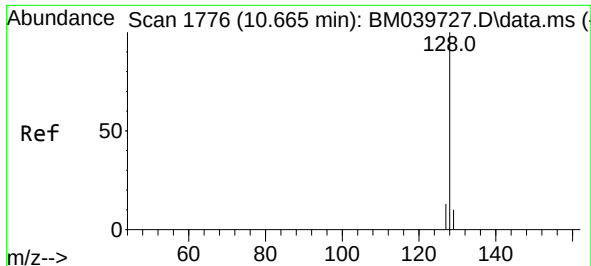
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

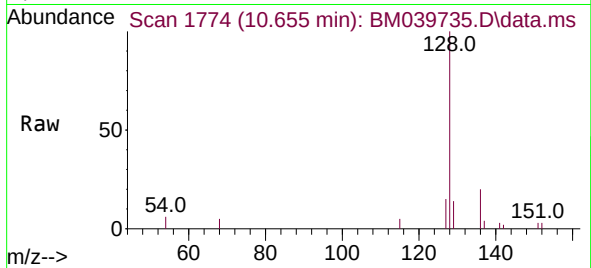
Quant Time: Apr 29 02:04:12 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.205 ng/ul
RT: 10.655 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

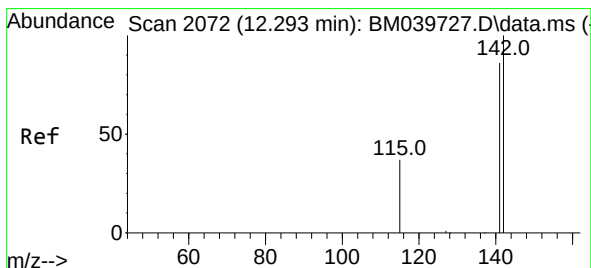
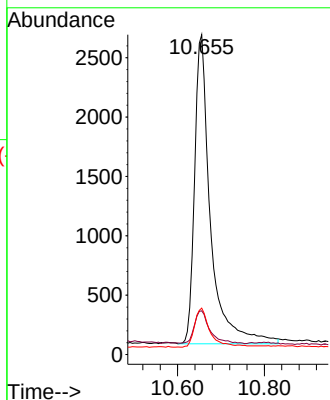
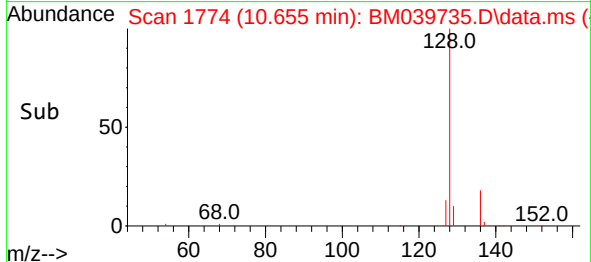
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



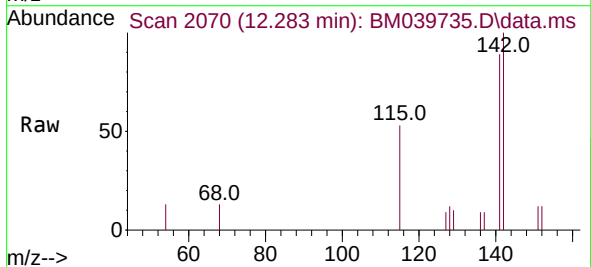
Tgt Ion:128 Resp: 661
Ion Ratio Lower Upper
128 100
129 13.7 9.8 14.6
127 14.5 11.1 16.7

Manual Integrations
APPROVED

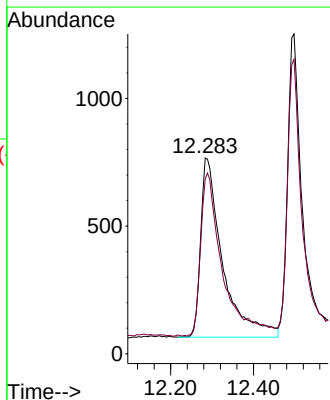
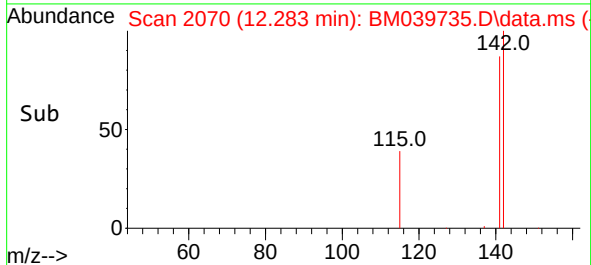
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

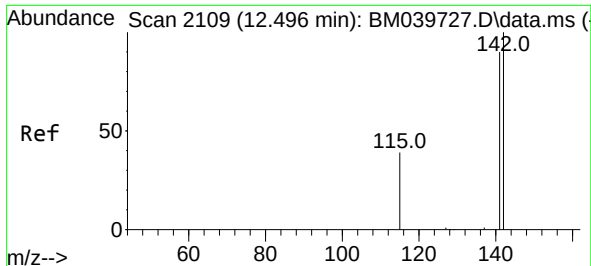


#7
2-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25



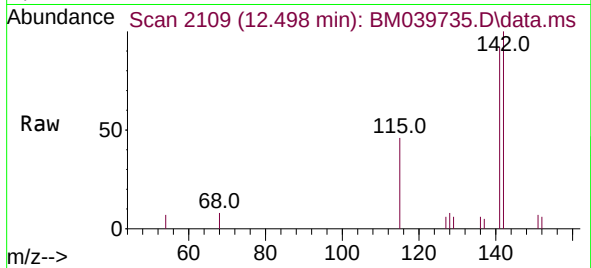
Tgt Ion:142 Resp: 2582
Ion Ratio Lower Upper
142 100
141 89.5 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

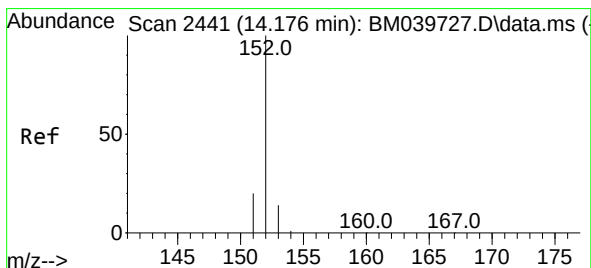
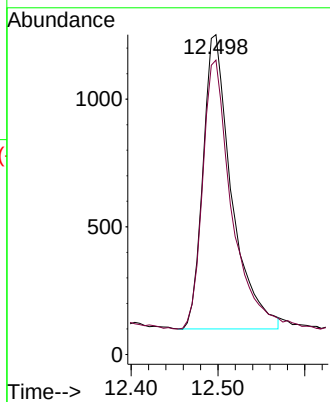
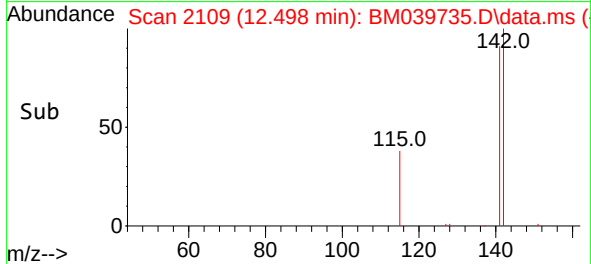
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



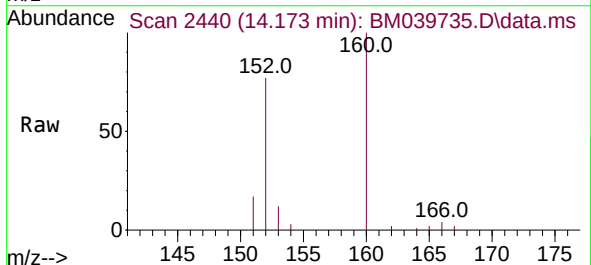
Tgt Ion:142 Resp: 2644
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2

Manual Integrations
APPROVED

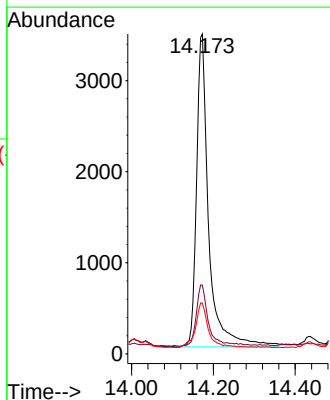
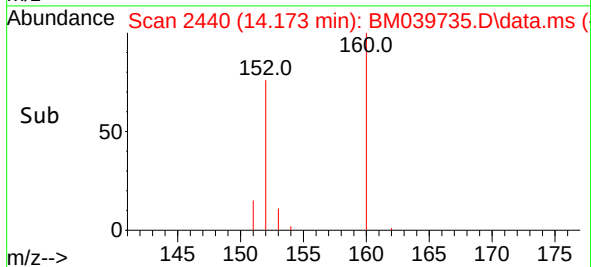
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

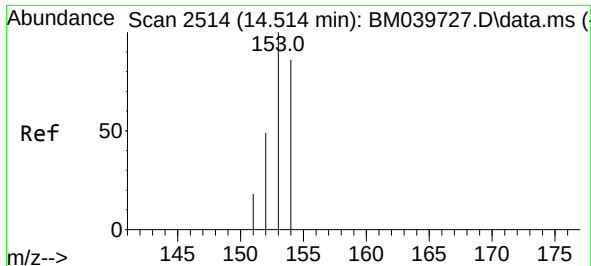


#10
Acenaphthylene
Concen: 0.231 ng/ul
RT: 14.173 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25



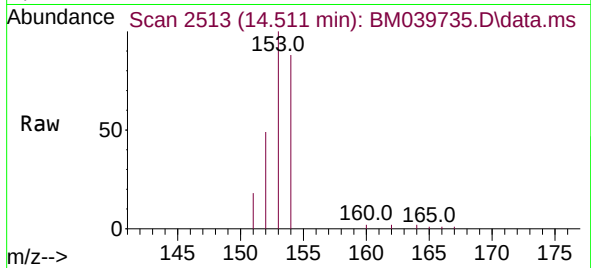
Tgt Ion:152 Resp: 7110
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 15.9 11.2 16.8





#11
Acenaphthene
Concen: 0.544 ng/ul
RT: 14.511 min Scan# 2159
Delta R.T. -0.009 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

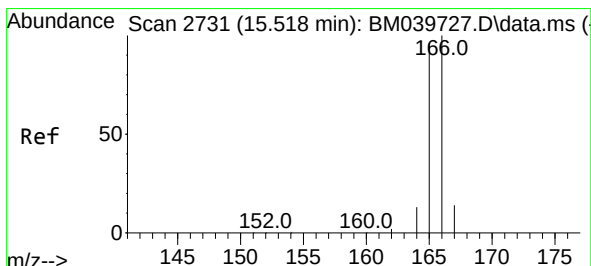
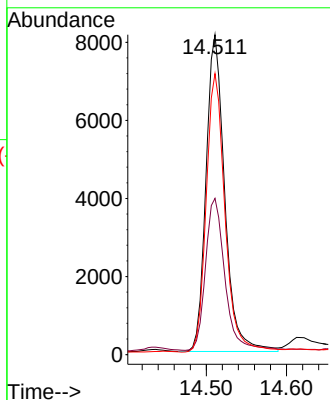
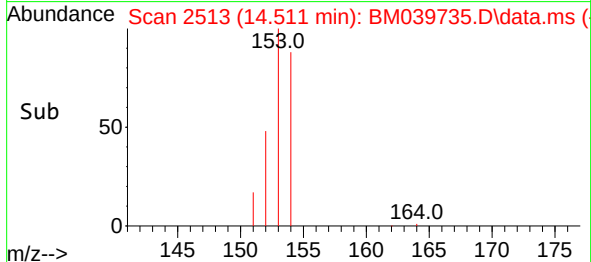
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



Tgt Ion:153 Resp: 13159
Ion Ratio Lower Upper
153 100
152 48.8 40.6 61.0
154 87.8 71.9 107.9

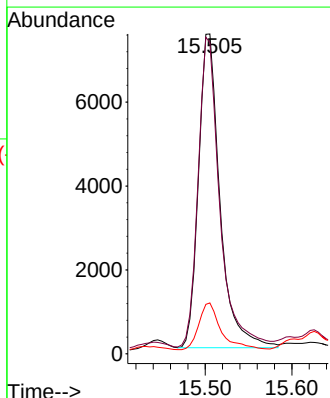
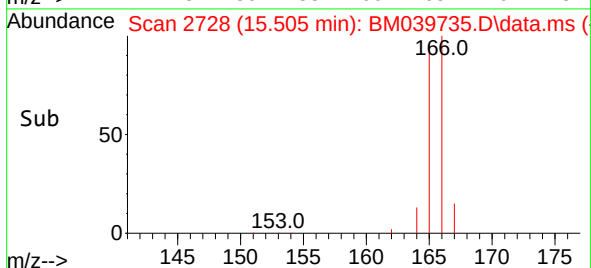
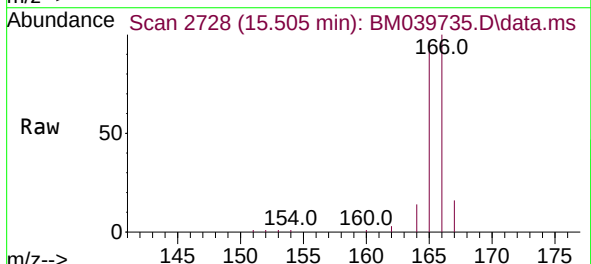
Manual Integrations
APPROVED

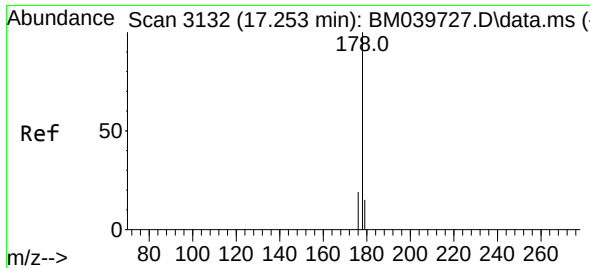
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.480 ng/ul
RT: 15.505 min Scan# 2728
Delta R.T. -0.014 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

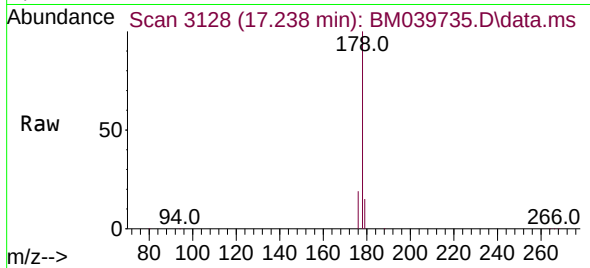
Tgt Ion:166 Resp: 12883
Ion Ratio Lower Upper
166 100
165 97.3 79.0 118.6
167 15.9 11.8 17.6





#15
Phenanthrene
Concen: 6.246 ng/ul
RT: 17.238 min Scan# 3128
Delta R.T. -0.017 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

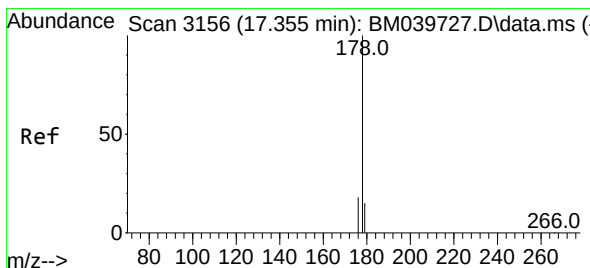
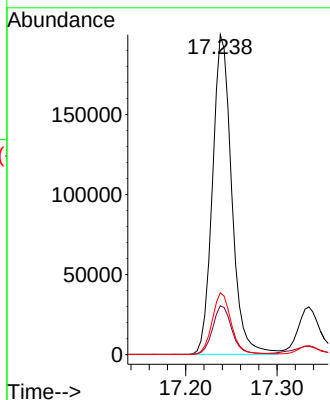
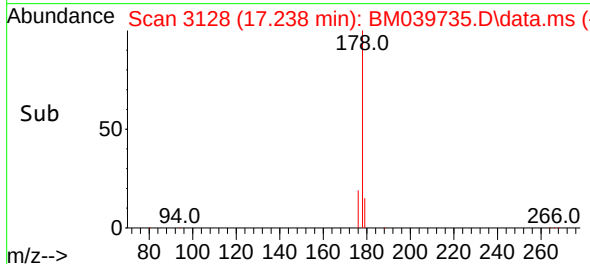
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



Tgt Ion:178 Resp: 292535
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.3 15.8 23.8

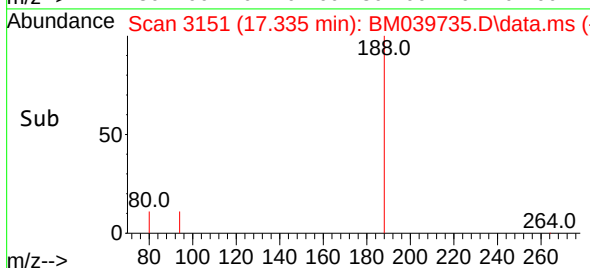
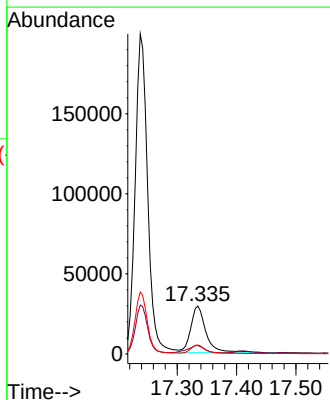
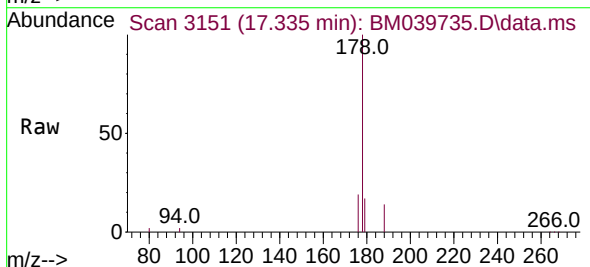
Manual Integrations
APPROVED

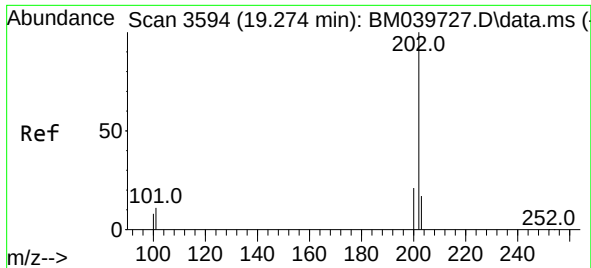
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Anthracene
Concen: 1.303 ng/ul
RT: 17.335 min Scan# 3151
Delta R.T. -0.021 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Tgt Ion:178 Resp: 52412
Ion Ratio Lower Upper
178 100
179 17.1 13.8 20.6
176 18.7 15.8 23.8





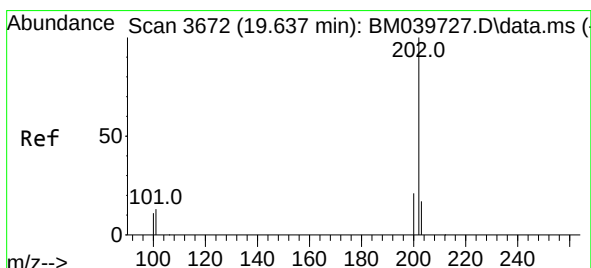
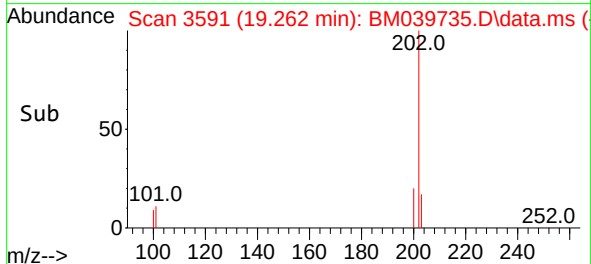
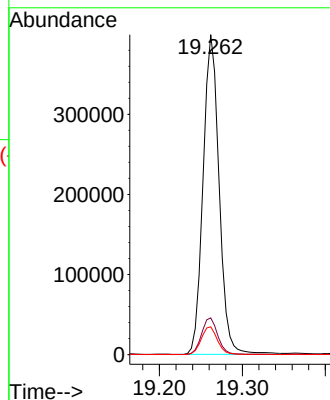
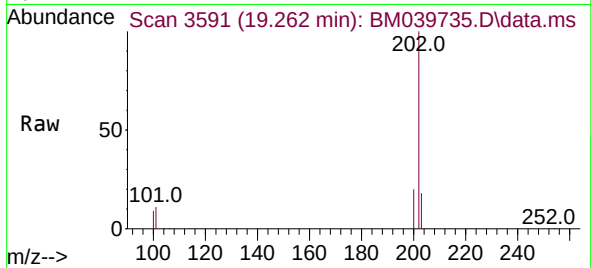
#19
Fluoranthene
Concen: 9.760 ng/uI
RT: 19.262 min Scan# 3591
Delta R.T. -0.014 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

Instrument :
BNA_M
ClientSampleId :
EW8Z8DL

Tgt Ion:202 Resp: 535119
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.7 7.3 10.9

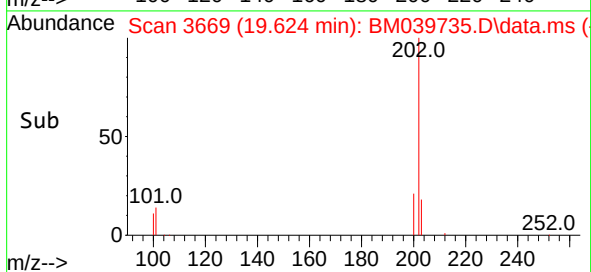
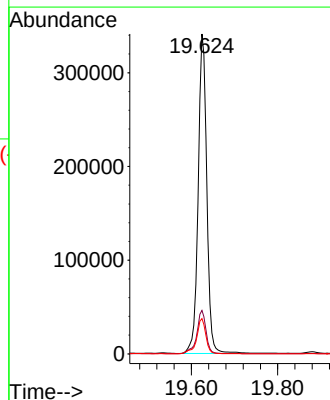
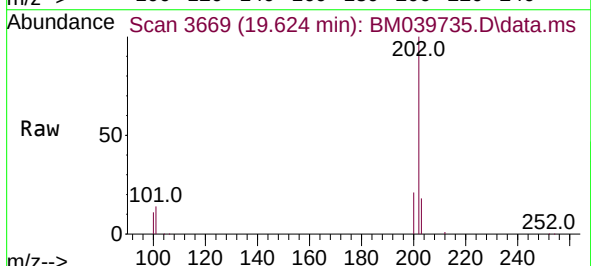
Manual Integrations
APPROVED

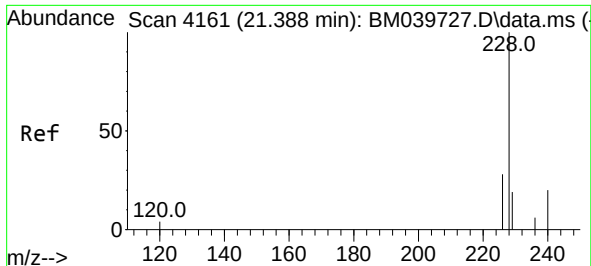
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 8.009 ng/uI
RT: 19.624 min Scan# 3669
Delta R.T. -0.019 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

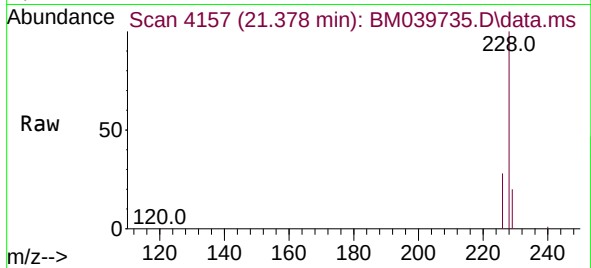
Tgt Ion:202 Resp: 474226
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 11.0 8.9 13.3





#21
Benzo(a)anthracene
Concen: 5.101 ng/ul
RT: 21.378 min Scan# 4161
Delta R.T. -0.019 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

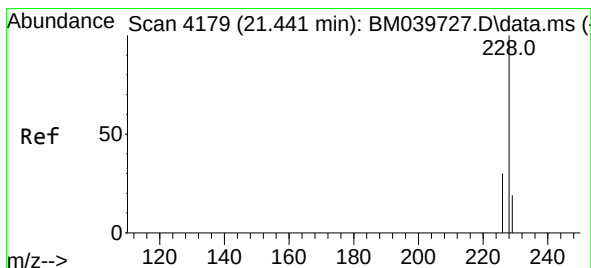
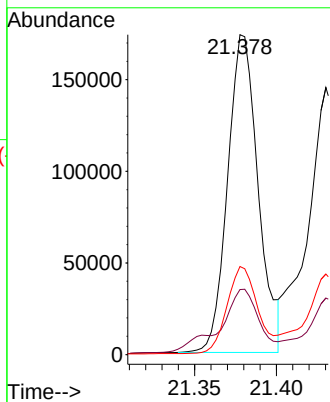
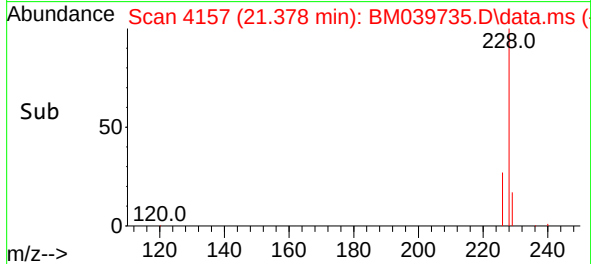
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



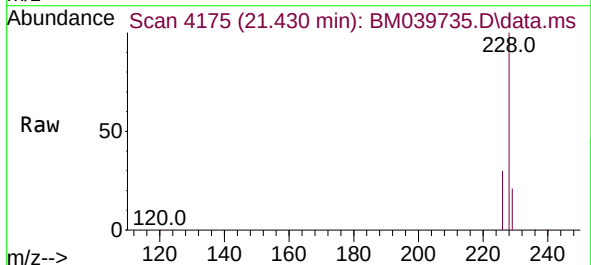
Tgt Ion:228 Resp: 225405
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 27.5 21.6 32.4

Manual Integrations
APPROVED

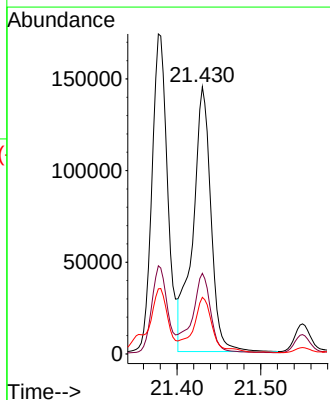
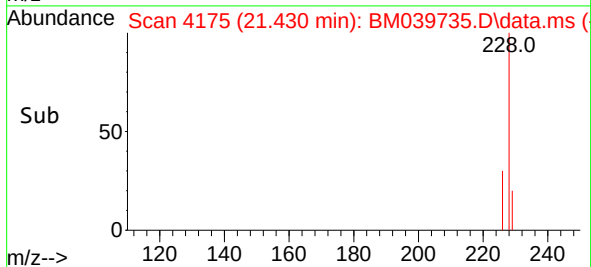
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

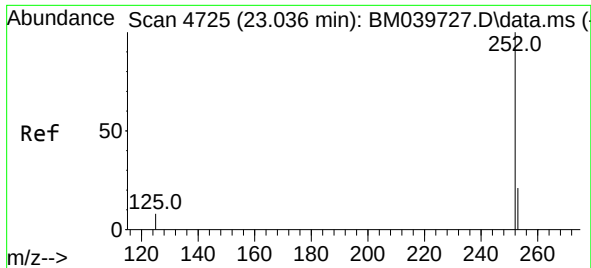


#22
Chrysene
Concen: 4.348 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.016 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25



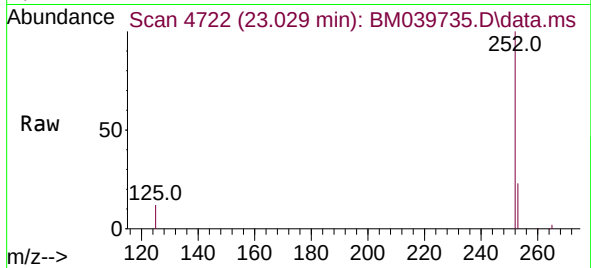
Tgt Ion:228 Resp: 217425
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 21.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.694 ng/ul
RT: 23.029 min Scan# 4722
Delta R.T. -0.016 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

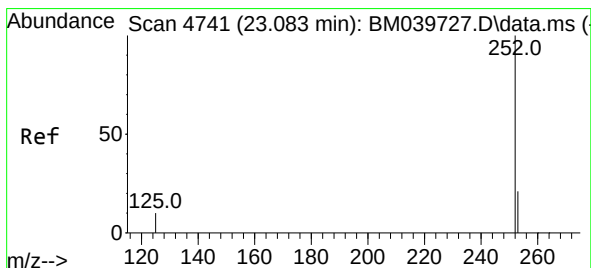
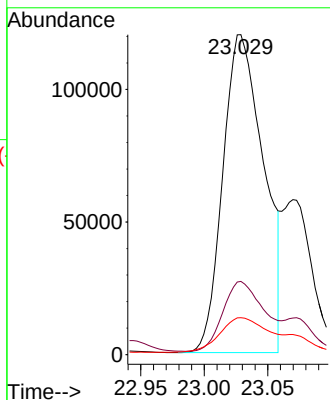
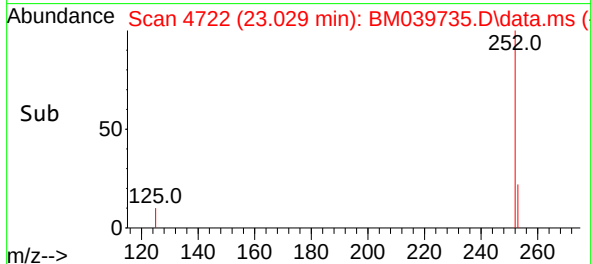
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



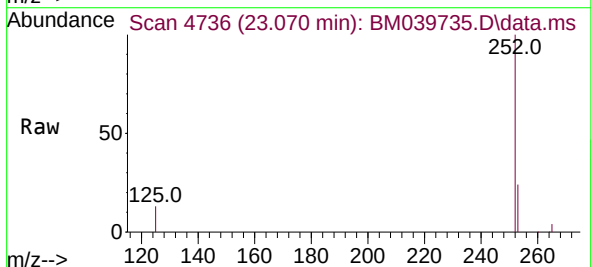
Tgt Ion:252 Resp: 268072
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 11.5 0.0 31.6

Manual Integrations
APPROVED

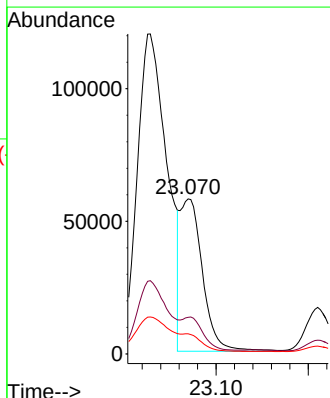
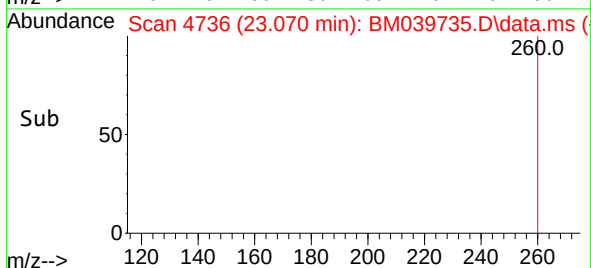
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

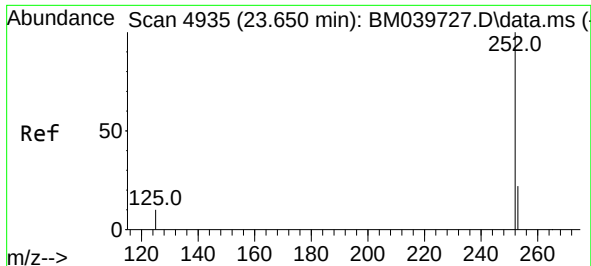


#25
Benzo(k)fluoranthene
Concen: 2.023 ng/ul m
RT: 23.070 min Scan# 4736
Delta R.T. -0.025 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25



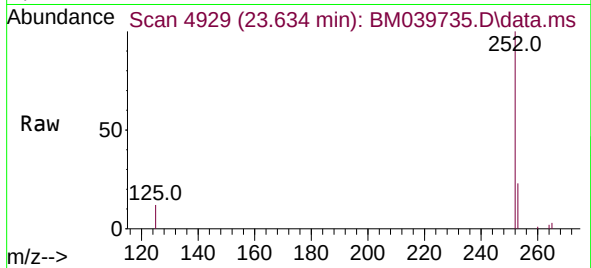
Tgt Ion:252 Resp: 96982
Ion Ratio Lower Upper
252 100
253 23.6 21.3 31.9
125 12.9 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 4.083 ng/ul
RT: 23.634 min Scan# 4935
Delta R.T. -0.030 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

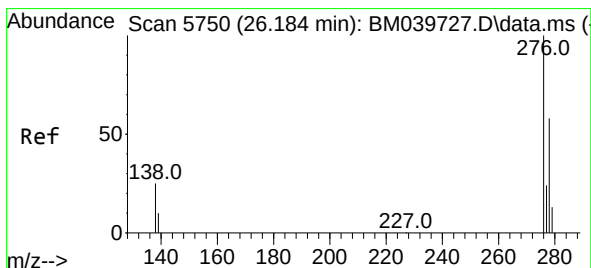
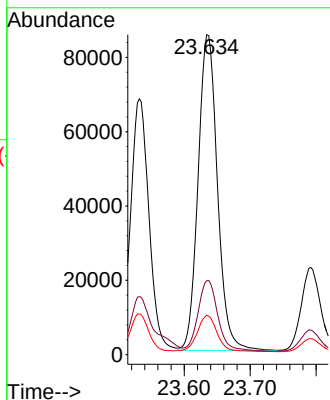
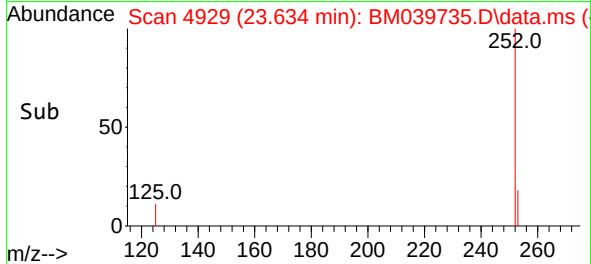
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



Tgt Ion:252 Resp: 172576
Ion Ratio Lower Upper
252 100
253 23.1 24.7 37.1#
125 12.3 16.5 24.7#

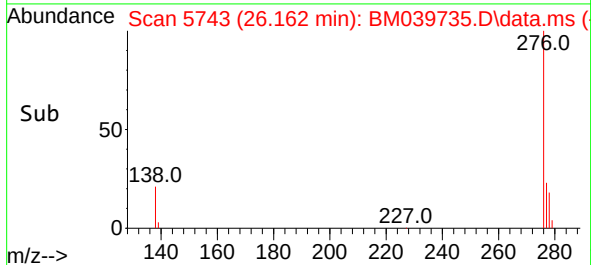
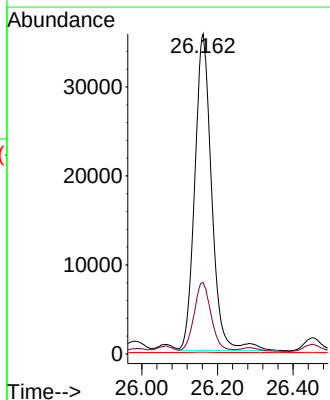
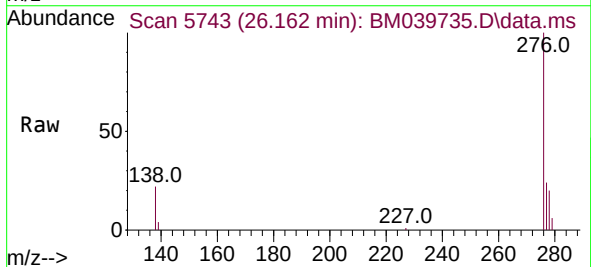
Manual Integrations
APPROVED

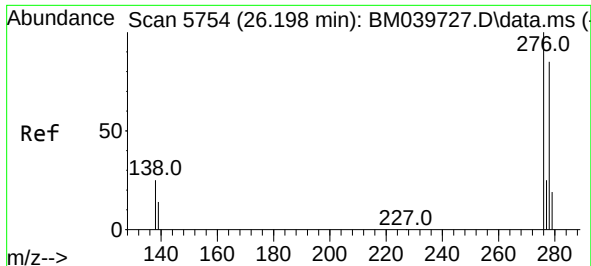
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.061 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.039 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

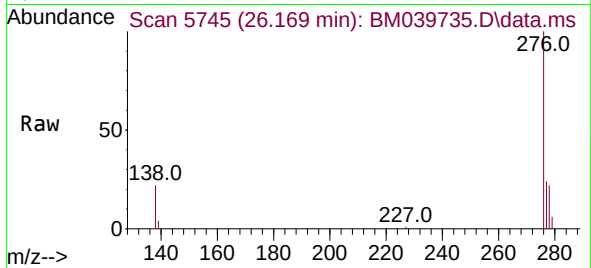
Tgt Ion:276 Resp: 110136
Ion Ratio Lower Upper
276 100
138 21.4 21.1 31.7
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.607 ng/ul
RT: 26.169 min Scan# 51
Delta R.T. -0.049 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25

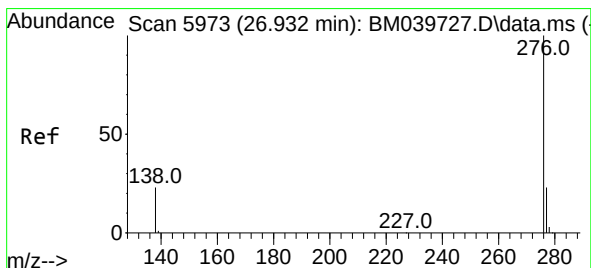
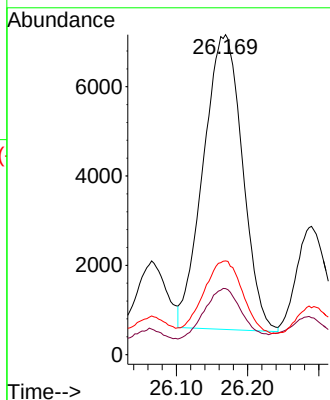
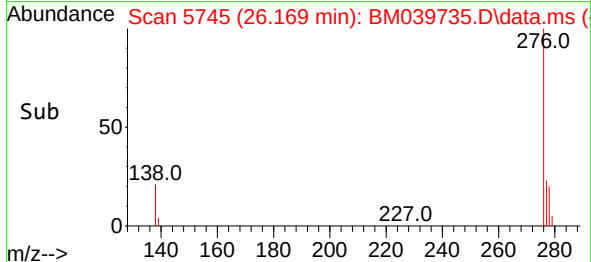
Instrument :
BNA_M
ClientSampleId :
EW8Z8DL



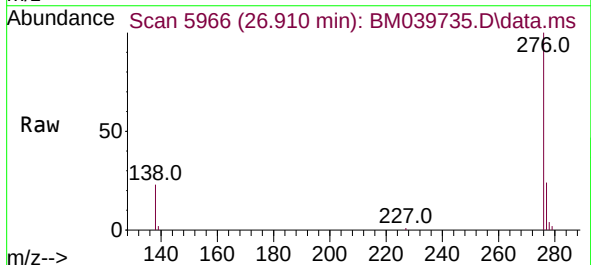
Tgt Ion: 278 Resp: 25180
Ion Ratio Lower Upper
278 100
139 20.6 17.0 25.6
279 29.3 23.4 35.2

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023



#29
Benzo(g,h,i)perylene
Concen: 1.995 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.039 min
Lab File: BM039735.D
Acq: 28 Apr 2023 14:25



Tgt Ion: 276 Resp: 92926
Ion Ratio Lower Upper
276 100
138 23.0 20.1 30.1
277 24.1 20.1 30.1

