

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040505.D
 Acq On : 01 Jul 2023 16:08
 Operator : MA/JU
 Sample : 03161-16DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 23:47:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	8725	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	31179	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	15027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	29071	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	16385	0.400	ng/ul	0.00
23) Perylene-d12	23.917	264	16513	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	5961	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	1416	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	2194	0.042	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.789	128	6927	0.081	ng/ul#	94
7) 2-Methylnaphthalene	12.406	142	2751	0.054	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	1763	0.035	ng/ul	99
10) Acenaphthylene	14.295	152	6249	0.093	ng/ul#	92
11) Acenaphthene	14.637	153	10897	0.192	ng/ul	98
12) Fluorene	15.623	166	10314	0.170	ng/ul	98
15) Phenanthrene	17.362	178	254674	2.820	ng/ul	99
16) Anthracene	17.455	178	41798	0.551	ng/ul	99
19) Fluoranthene	19.380	202	501098	7.200	ng/ul	95
20) Pyrene	19.742	202	383145	5.135	ng/ul	98
21) Benzo(a)anthracene	21.486	228	189885	3.426	ng/ul	99
22) Chrysene	21.538	228	173672	2.747	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	232418	3.637	ng/ul	90
25) Benzo(k)fluoranthene	23.222	252	75005m	1.191	ng/ul	
26) Benzo(a)pyrene	23.806	252	141029	2.450	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.414	276	107573	1.342	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.420	278	26239	0.418	ng/ul	95
29) Benzo(g,h,i)perylene	27.185	276	94603	1.346	ng/ul	96

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

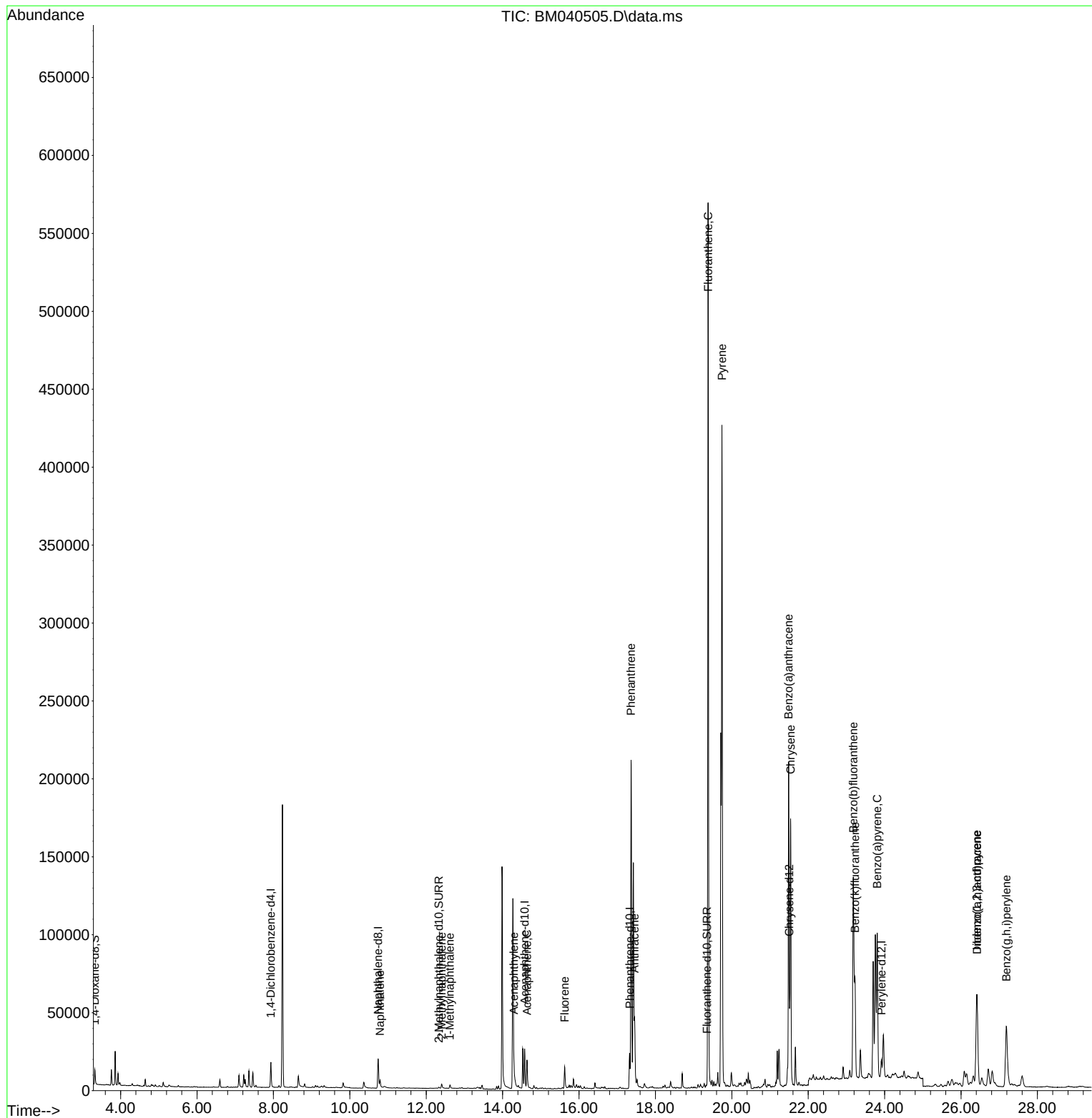
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040505.D
Acq On : 01 Jul 2023 16:08
Operator : MA/JU
Sample : 03161-16DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

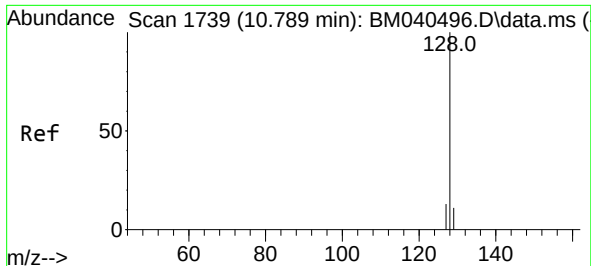
Instrument :
BNA_M
ClientSampleId :
DCFX2DL

Quant Time: Jul 01 23:47:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

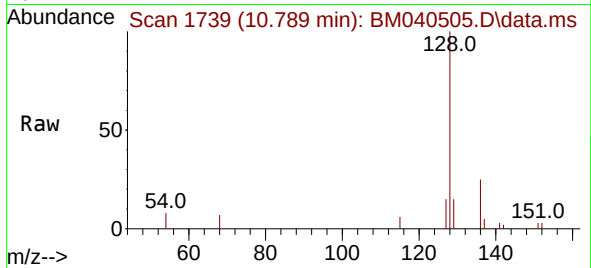
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

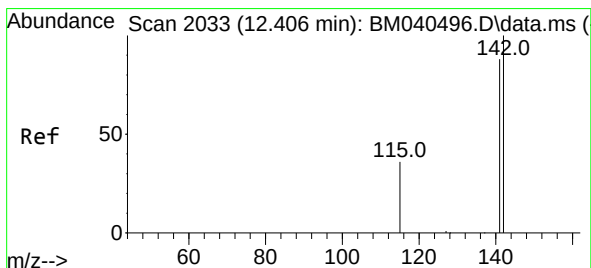
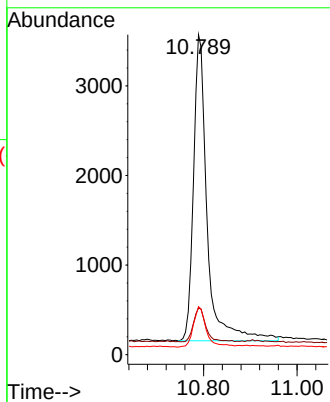
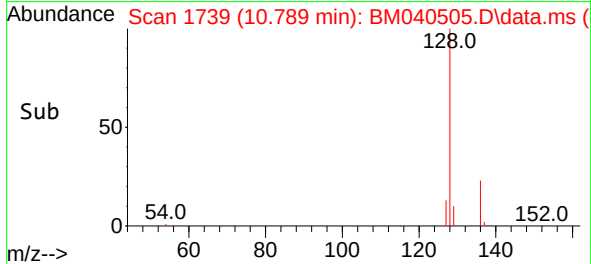
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



Tgt Ion:128 Resp: 6927
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8
127 15.0 10.6 15.8

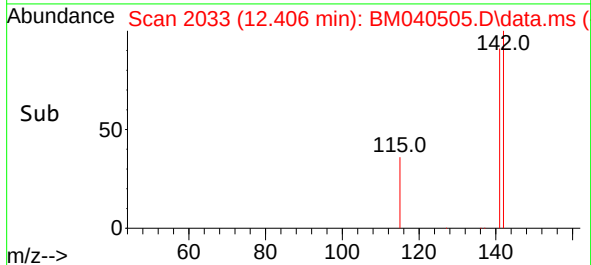
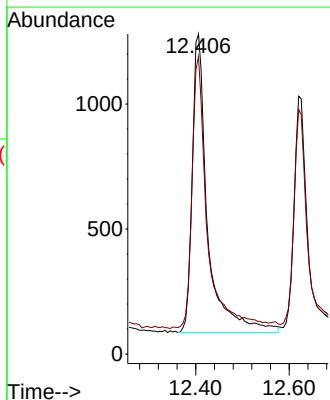
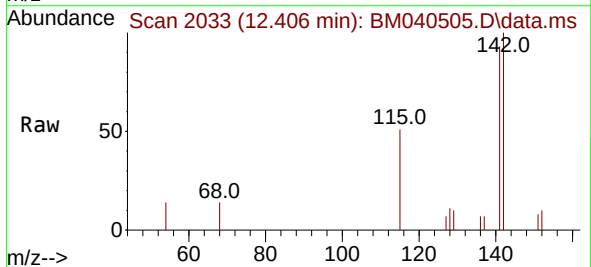
Manual Integrations
APPROVED

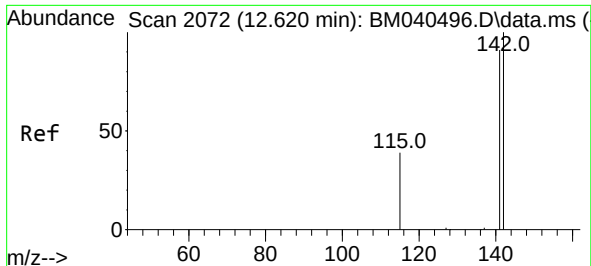
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

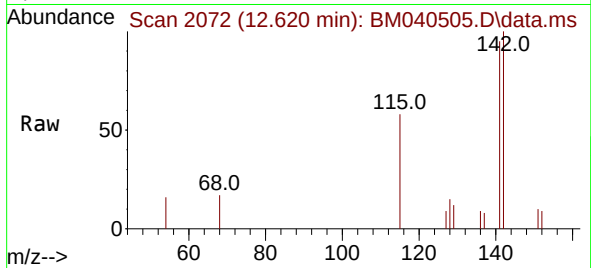
Tgt Ion:142 Resp: 2751
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

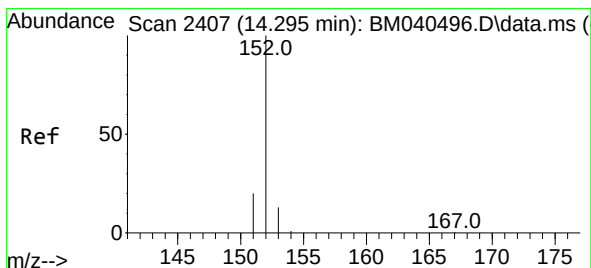
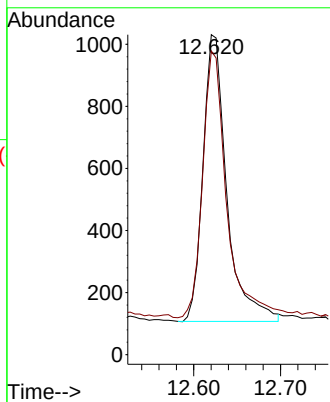
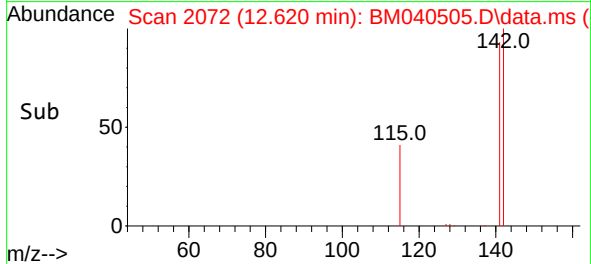
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5

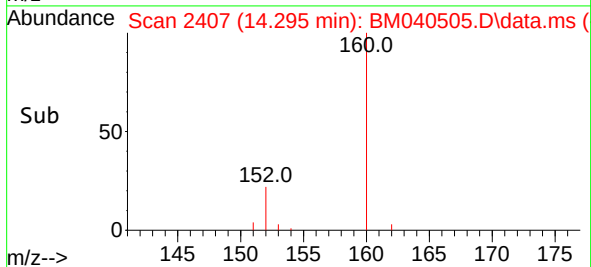
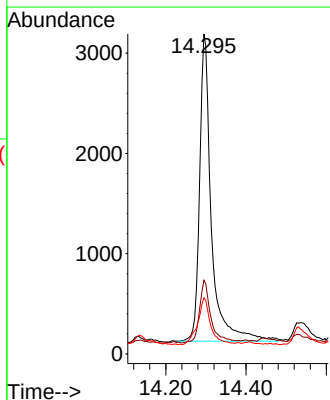
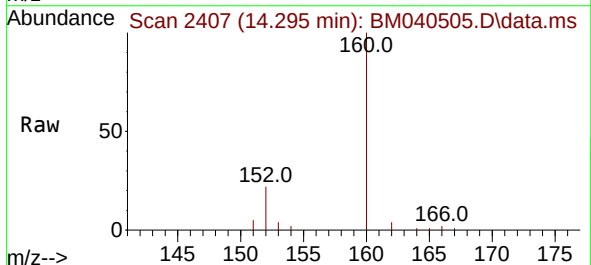
Manual Integrations
APPROVED

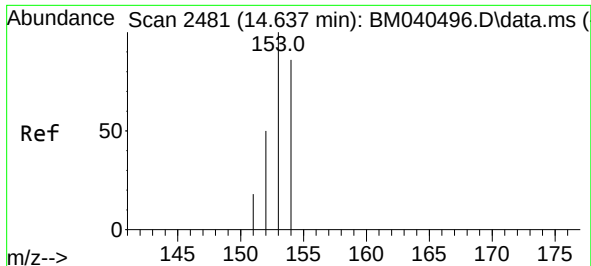
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.093 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

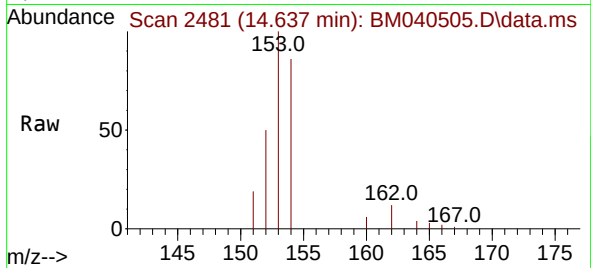
Tgt Ion:152 Resp: 6249
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 17.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

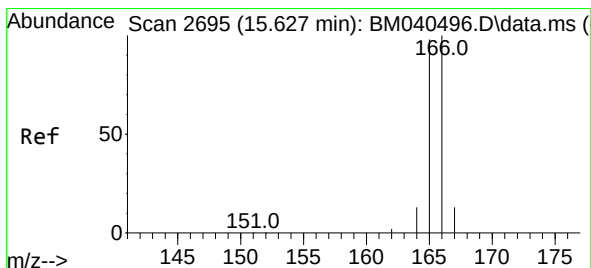
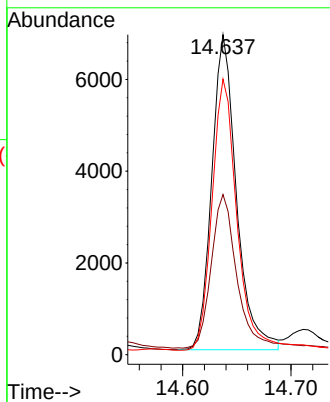
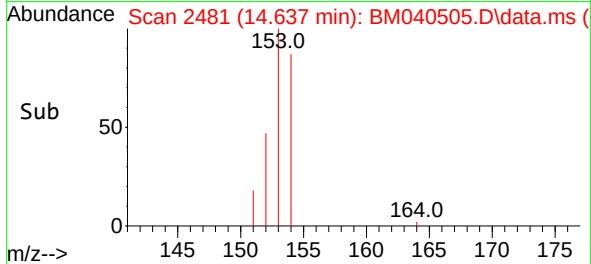
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



Tgt Ion:153 Resp: 1089
Ion Ratio Lower Upper
153 100
152 50.1 41.0 61.4
154 86.1 70.8 106.2

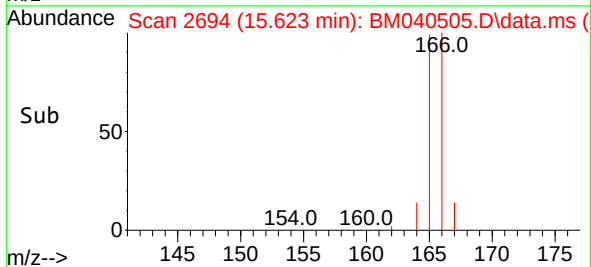
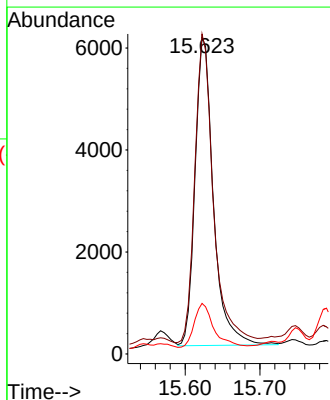
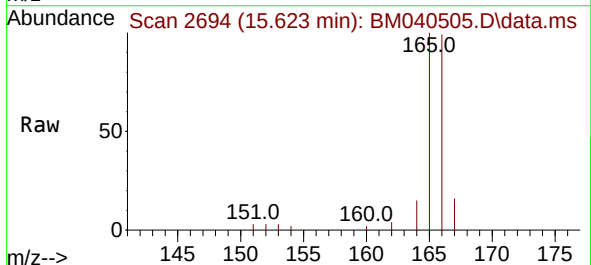
Manual Integrations
APPROVED

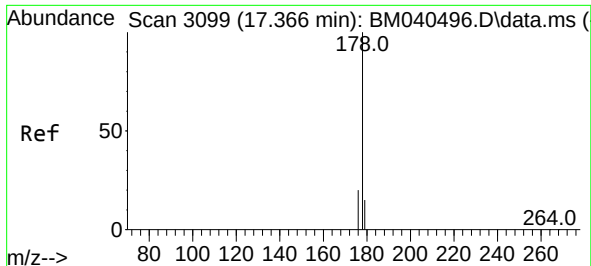
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.170 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

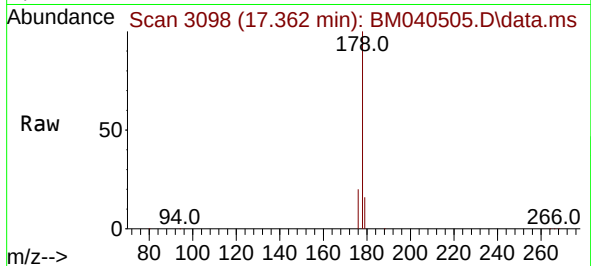
Tgt Ion:166 Resp: 10314
Ion Ratio Lower Upper
166 100
165 100.9 79.6 119.4
167 16.0 11.4 17.0





#15
Phenanthrene
Concen: 2.820 ng/u1
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

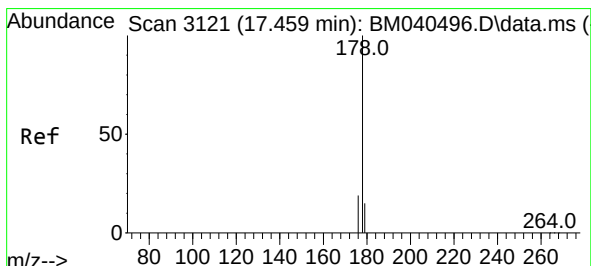
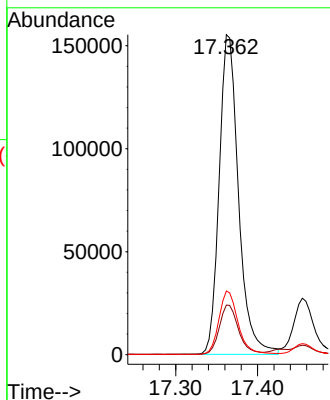
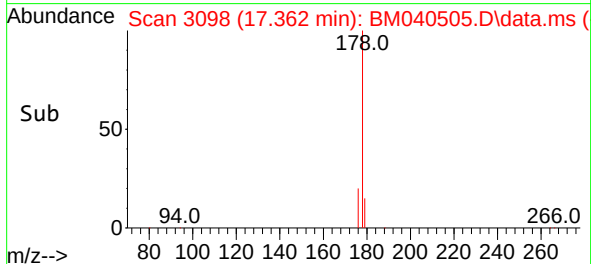
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



Tgt Ion:178 Resp: 254674
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.9 16.4 24.6

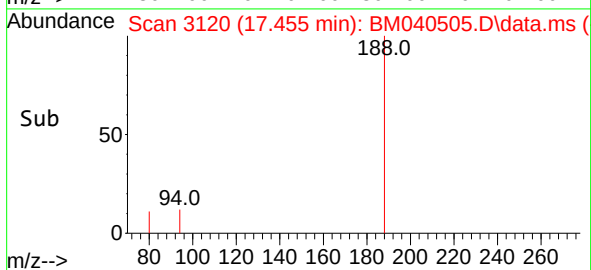
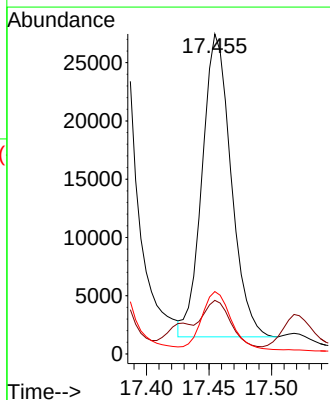
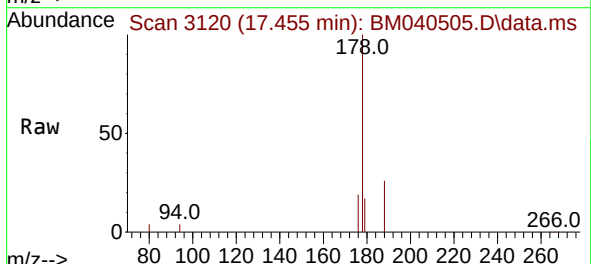
Manual Integrations
APPROVED

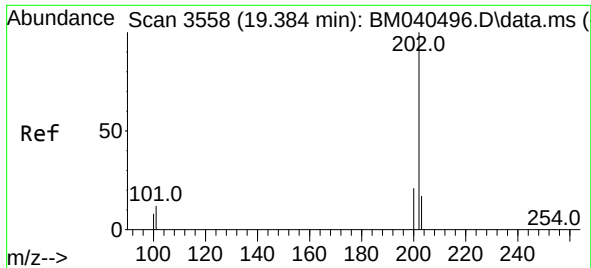
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.551 ng/u1
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

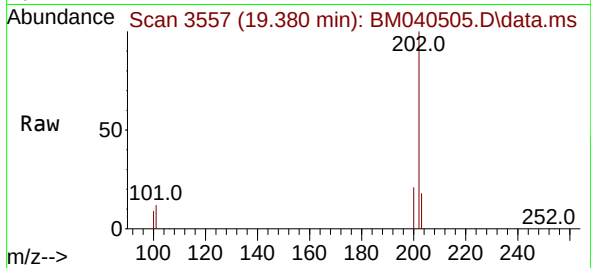
Tgt Ion:178 Resp: 41798
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 19.5 15.8 23.6





#19
Fluoranthene
Concen: 7.200 ng/u1
RT: 19.380 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

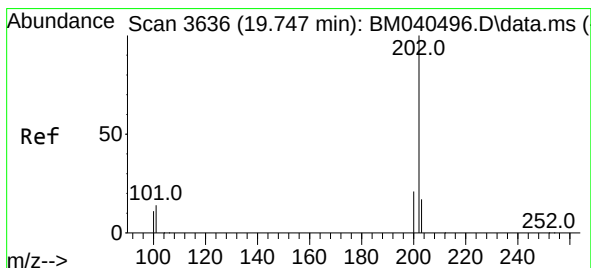
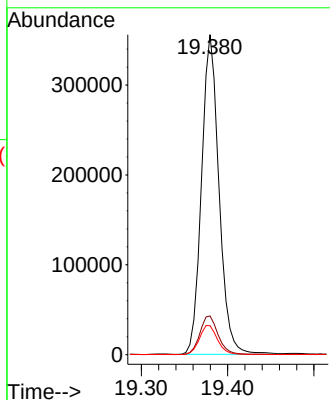
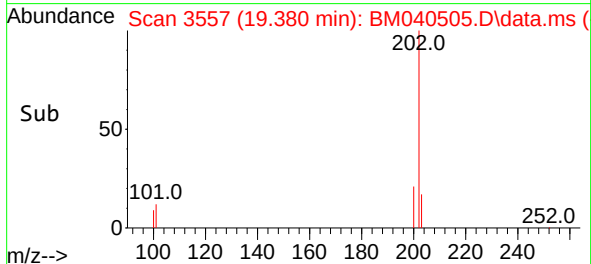
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



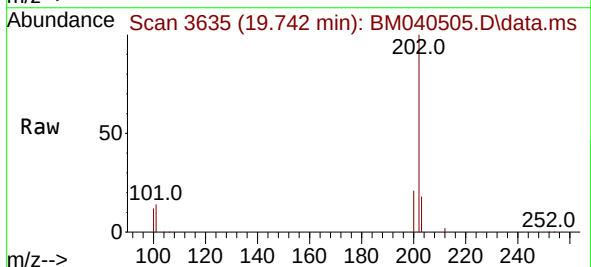
Tgt Ion:202 Resp: 501098
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 9.1 8.7 13.1

Manual Integrations
APPROVED

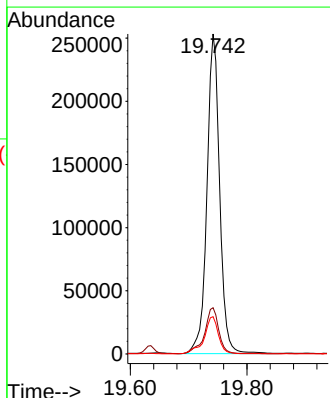
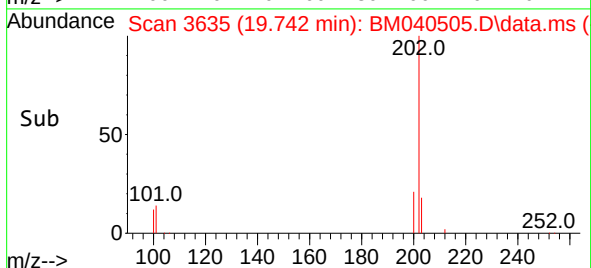
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

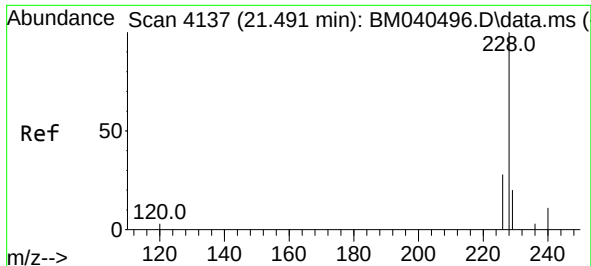


#20
Pyrene
Concen: 5.135 ng/u1
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08



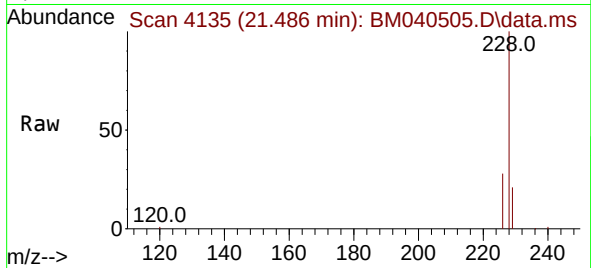
Tgt Ion:202 Resp: 383145
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.426 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

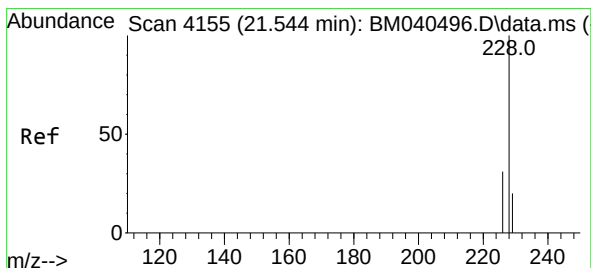
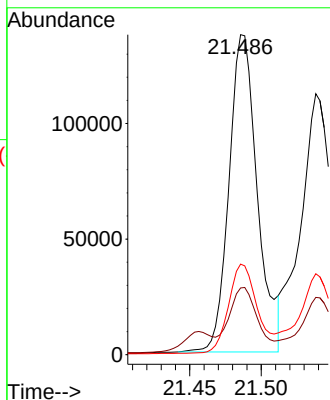
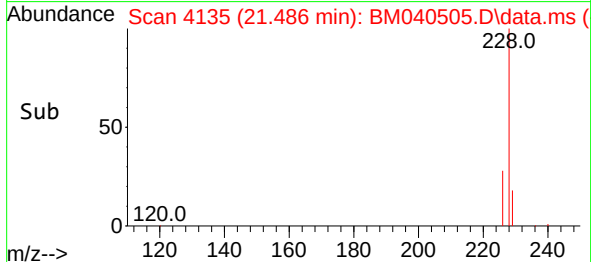
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



Tgt Ion:228 Resp: 189885
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.3 22.3 33.5

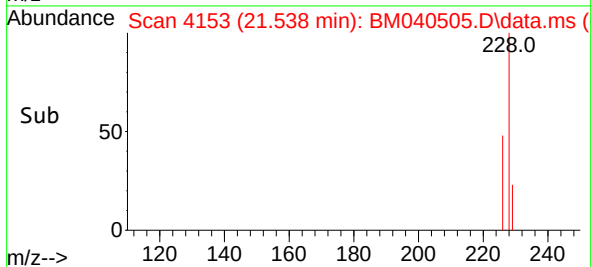
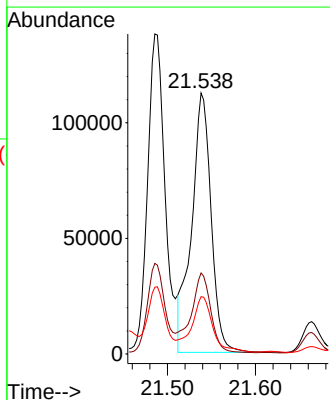
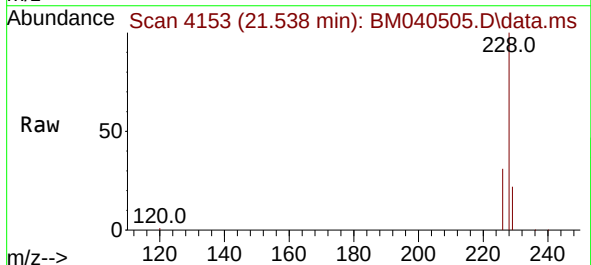
Manual Integrations
APPROVED

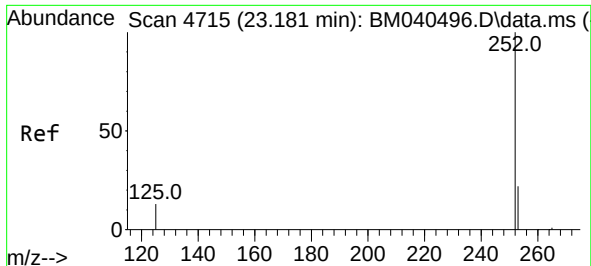
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 2.747 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

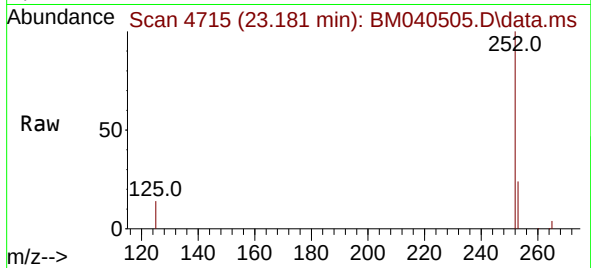
Tgt Ion:228 Resp: 173672
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.637 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

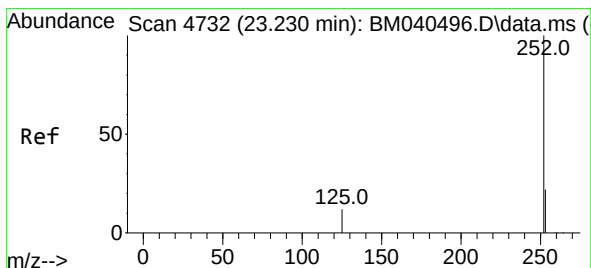
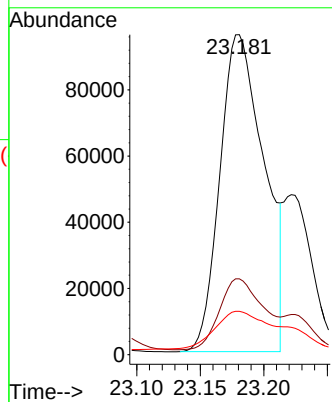
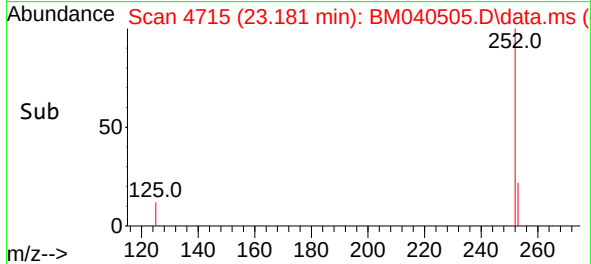
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



Tgt Ion:252 Resp: 232418
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 13.6 0.0 43.0

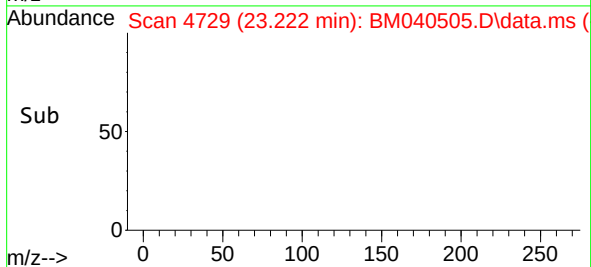
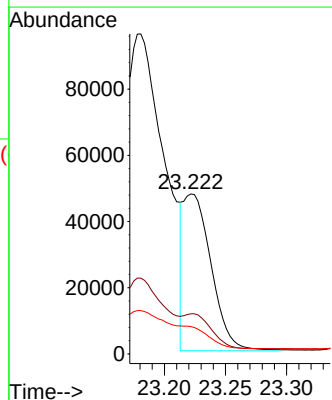
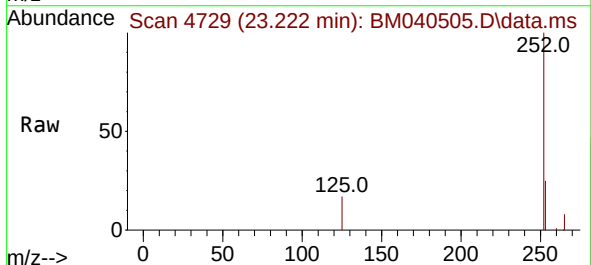
Manual Integrations
APPROVED

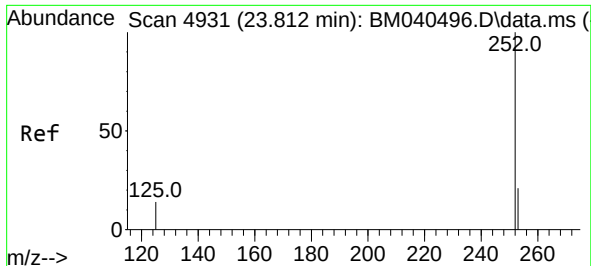
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 1.191 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

Tgt Ion:252 Resp: 75005
Ion Ratio Lower Upper
252 100
253 25.1 21.2 31.8
125 17.1 16.4 24.6





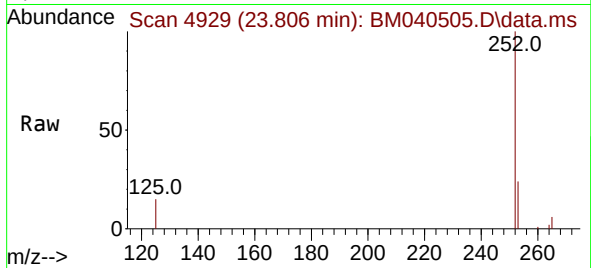
#26
Benzo(a)pyrene
Concen: 2.450 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

Instrument :

BNM_M

ClientSampleId :

DCFX2DL

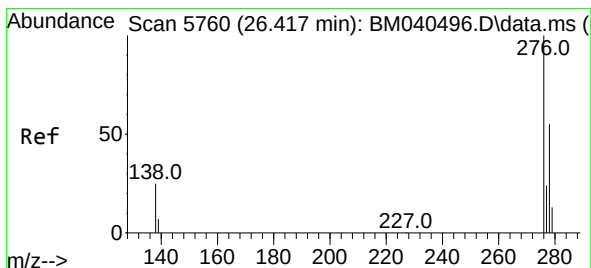
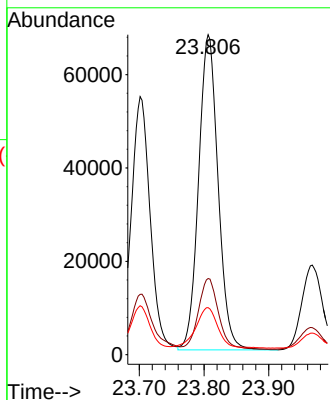
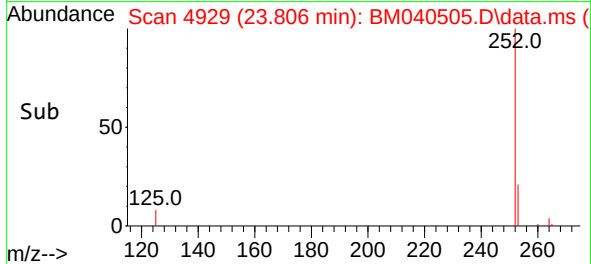


Tgt Ion:252 Resp: 141029
Ion Ratio Lower Upper
252 100
253 23.8 22.9 34.3
125 14.7 21.0 31.4

Manual Integrations

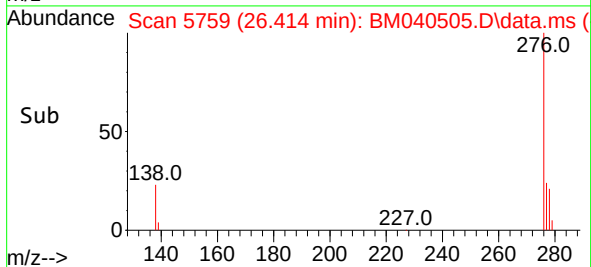
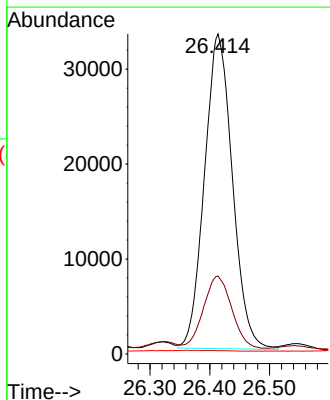
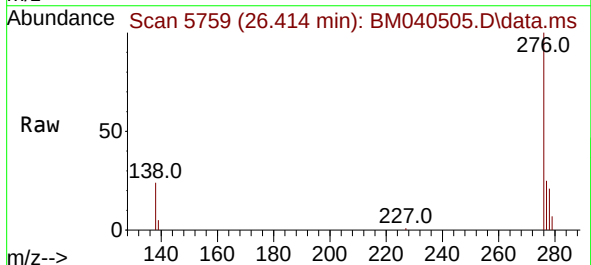
APPROVED

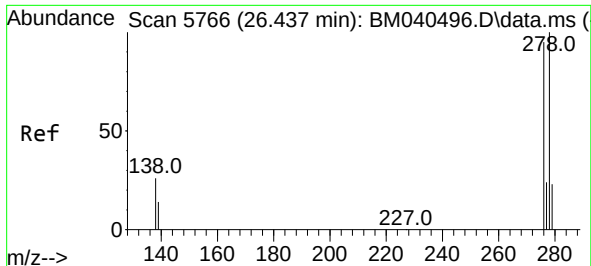
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.342 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.007 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

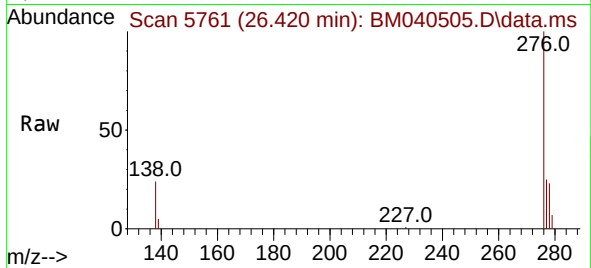
Tgt Ion:276 Resp: 107573
Ion Ratio Lower Upper
276 100
138 23.2 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.418 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. -0.017 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08

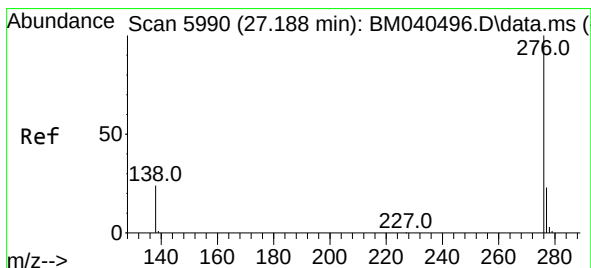
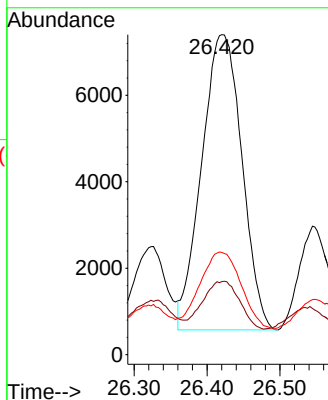
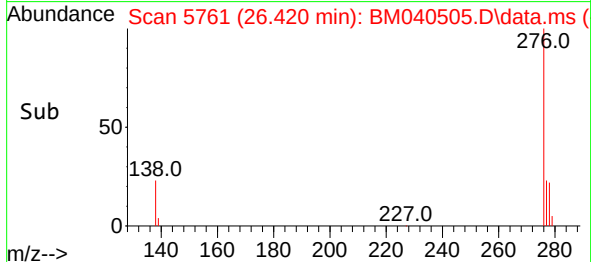
Instrument :
BNA_M
ClientSampleId :
DCFX2DL



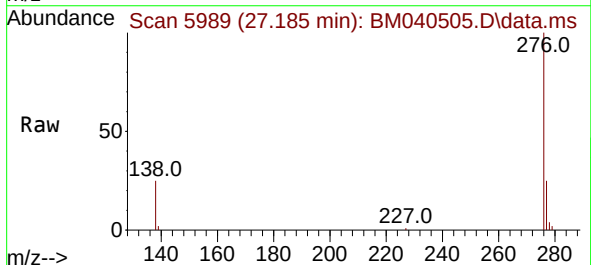
Tgt Ion: 278 Resp: 26239
Ion Ratio Lower Upper
278 100
139 22.9 17.9 26.9
279 32.0 22.0 33.0

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/02/2023
Supervised By : Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 1.346 ng/ul
RT: 27.185 min Scan# 5989
Delta R.T. 0.000 min
Lab File: BM040505.D
Acq: 01 Jul 2023 16:08



Tgt Ion: 276 Resp: 94603
Ion Ratio Lower Upper
276 100
138 25.5 23.0 34.6
277 24.5 20.3 30.5

