

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
 Data File : BM040489.D
 Acq On : 01 Jul 2023 01:57
 Operator : MA/JU
 Sample : 03161-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 03:06:08 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	7.936	152	6895	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	25605	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.577	164	12443	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	24959	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	14339	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	16564	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	19992	1.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	4843	0.135	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	8009	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.795	128	34392	0.487	ng/ul	99
7) 2-Methylnaphthalene	12.406	142	22251	0.536	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	15334	0.370	ng/ul	99
10) Acenaphthylene	14.300	152	88600	1.594	ng/ul	100
11) Acenaphthene	14.642	153	8065	0.172	ng/ul	98
12) Fluorene	15.627	166	16411	0.327	ng/ul	98
15) Phenanthrene	17.366	178	314954	4.062	ng/ul	98
16) Anthracene	17.459	178	67677	1.039	ng/ul	99
19) Fluoranthene	19.380	202	814276	13.369	ng/ul	96
20) Pyrene	19.747	202	644810	9.874	ng/ul	95
21) Benzo(a)anthracene	21.489	228	325094	6.703	ng/ul	98
22) Chrysene	21.544	228	338774	6.123	ng/ul	97
24) Benzo(b)fluoranthene	23.184	252	502587	7.840	ng/ul	88
25) Benzo(k)fluoranthene	23.225	252	175916m	2.785	ng/ul	
26) Benzo(a)pyrene	23.812	252	321556	5.569	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.424	276	247032	3.072	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.430	278	62838	0.998	ng/ul	96
29) Benzo(g,h,i)perylene	27.195	276	209111	2.967	ng/ul	94

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

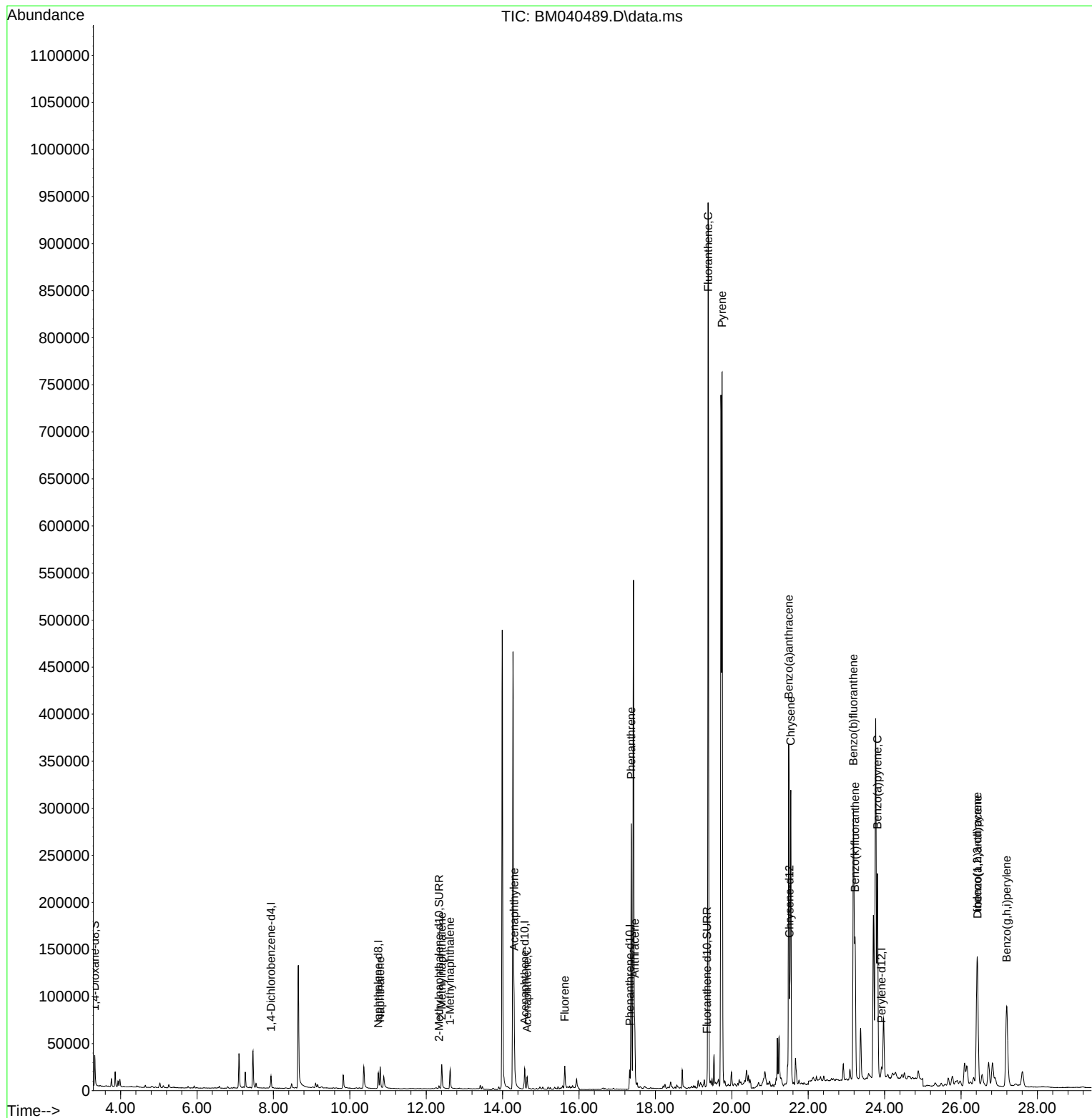
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040489.D
Acq On : 01 Jul 2023 01:57
Operator : MA/JU
Sample : 03161-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

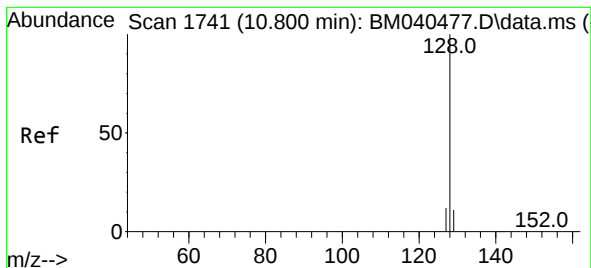
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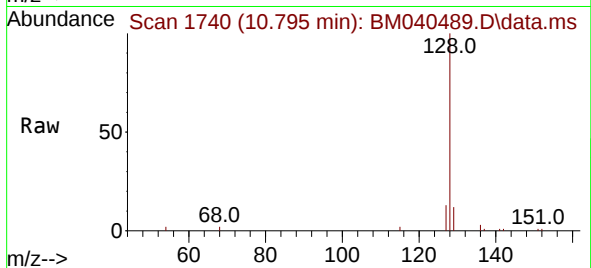
Quant Time: Jul 01 03:06:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.487 ng/ul
RT: 10.795 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

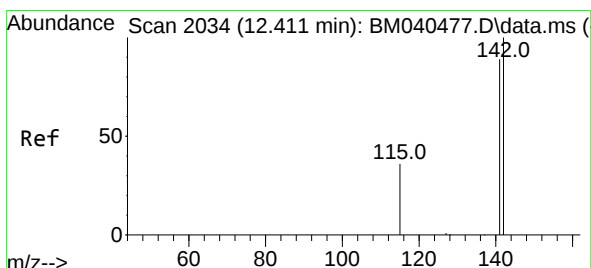
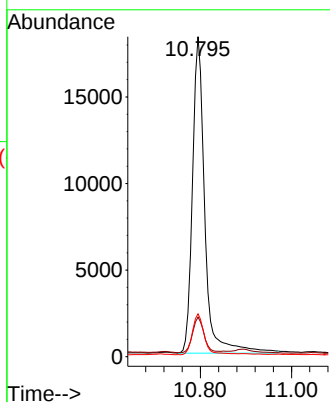
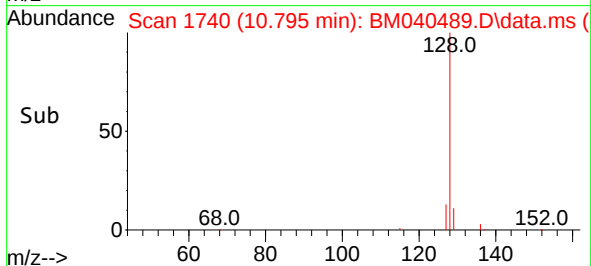
Instrument :
BNA_M
ClientSampleId :
DCFX6



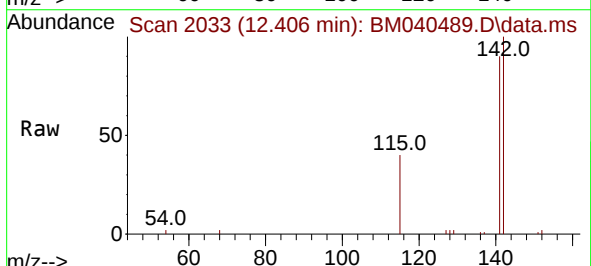
Tgt Ion:128 Resp: 34392
Ion Ratio Lower Upper
128 100
129 12.3 9.2 13.8
127 13.4 10.6 15.8

Manual Integrations
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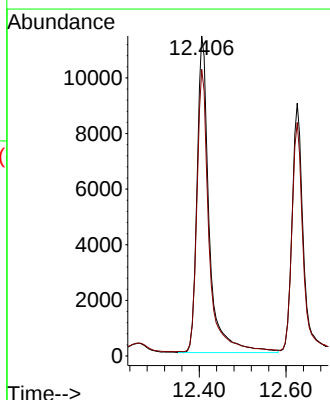
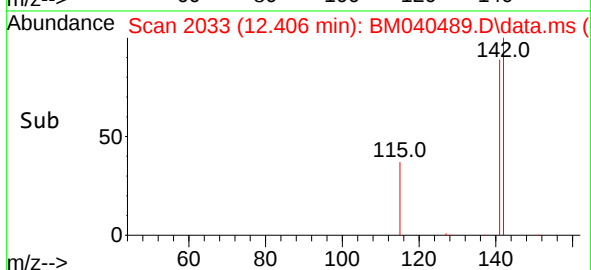
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

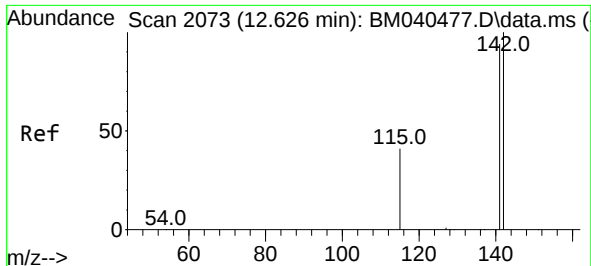


#7
2-Methylnaphthalene
Concen: 0.536 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57



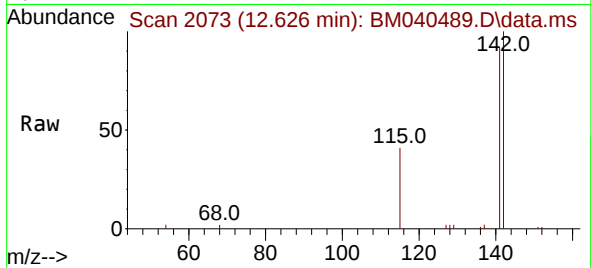
Tgt Ion:142 Resp: 22251
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

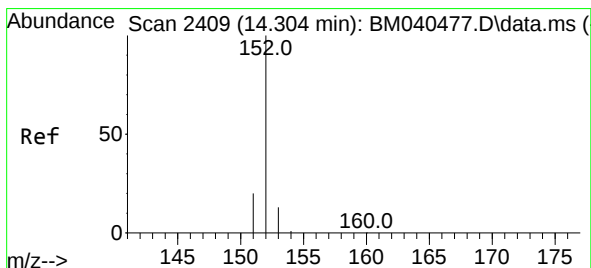
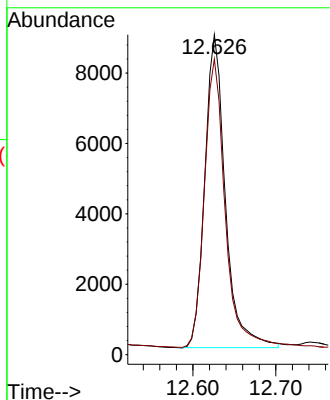
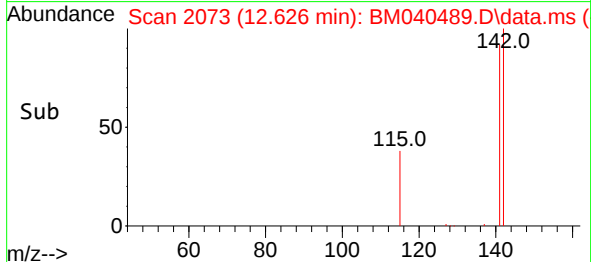
Instrument :
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DCFX6



Tgt Ion:142 Resp: 15334
Ion Ratio Lower Upper
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141 92.7 73.7 110.5

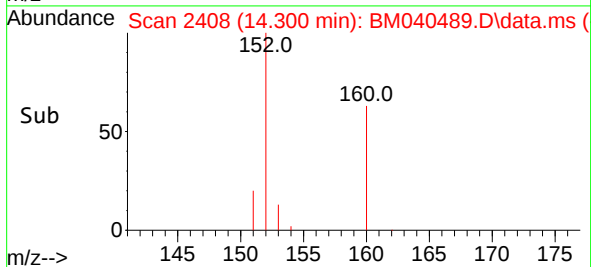
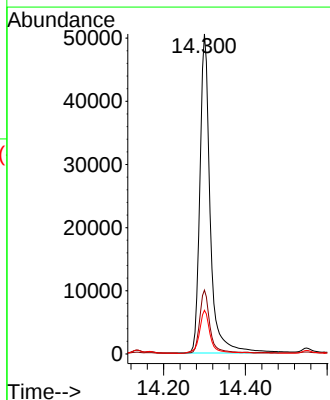
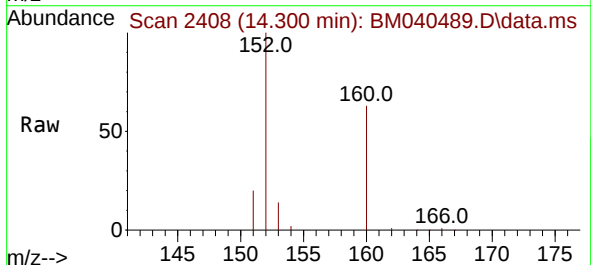
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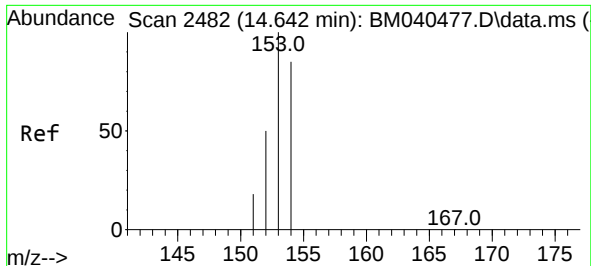
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 1.594 ng/ul
RT: 14.300 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

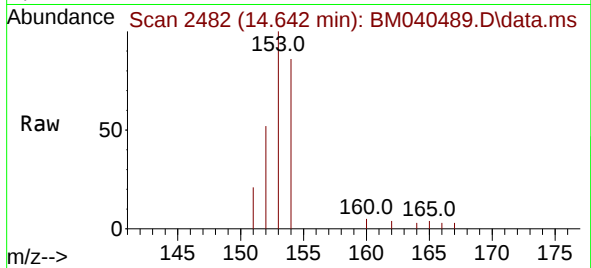
Tgt Ion:152 Resp: 88600
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 0.172 ng/ul
RT: 14.642 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

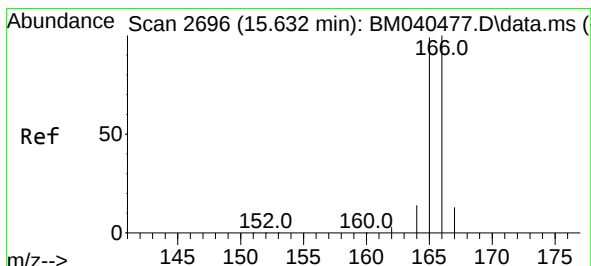
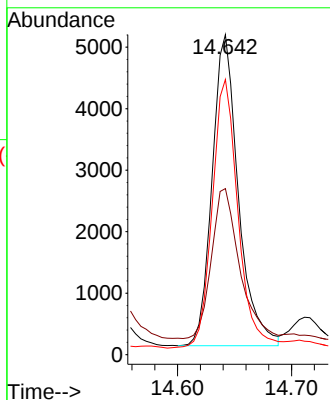
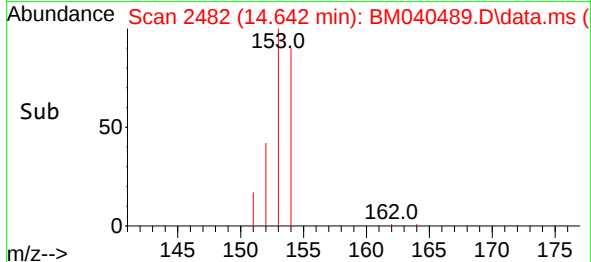
Instrument :
BNA_M
ClientSampleId :
DCFX6



Tgt Ion:153 Resp: 806
Ion Ratio Lower Upper
153 100
152 51.9 41.0 61.4
154 86.0 70.8 106.2

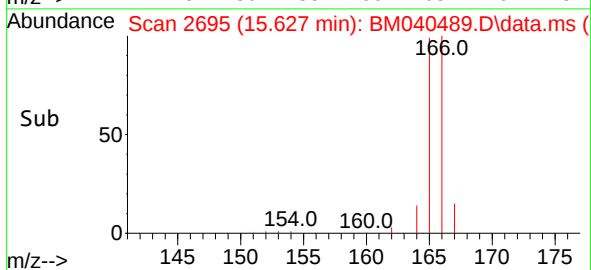
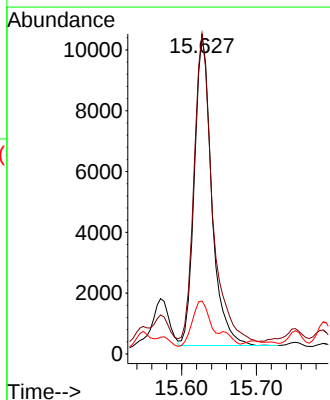
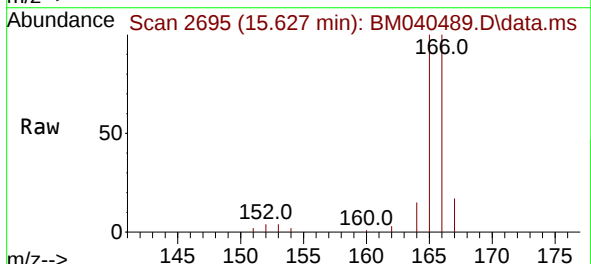
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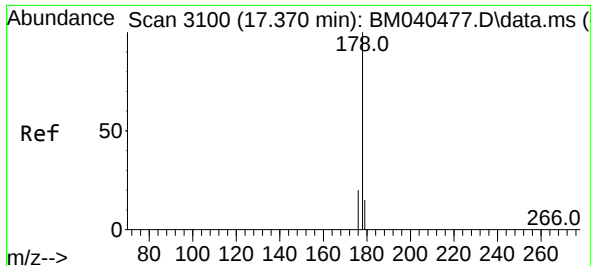
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#12
Fluorene
Concen: 0.327 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

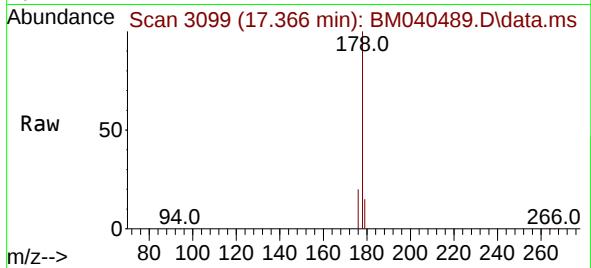
Tgt Ion:166 Resp: 16411
Ion Ratio Lower Upper
166 100
165 100.5 79.6 119.4
167 16.6 11.4 17.0





#15
Phenanthrene
Concen: 4.062 ng/u1
RT: 17.366 min Scan# 3100
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

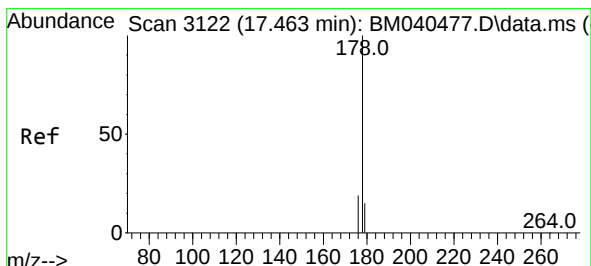
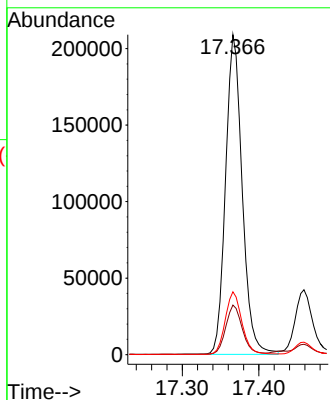
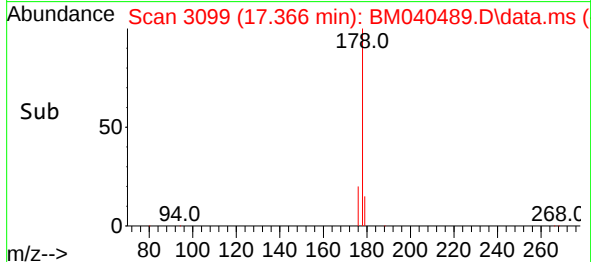
Instrument :
BNA_M
ClientSampleId :
DCFX6



Tgt Ion:178 Resp: 314954
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6

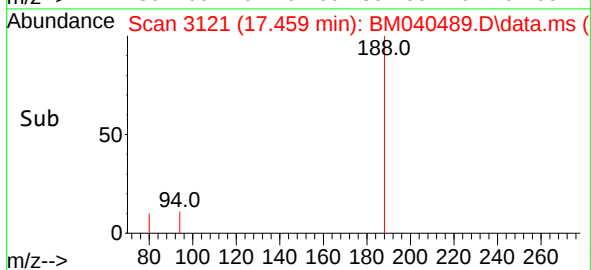
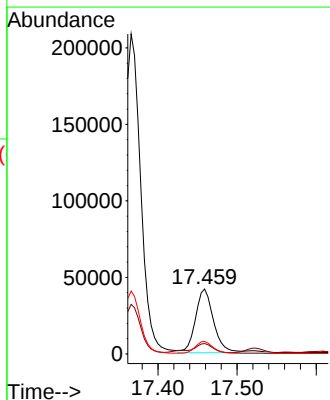
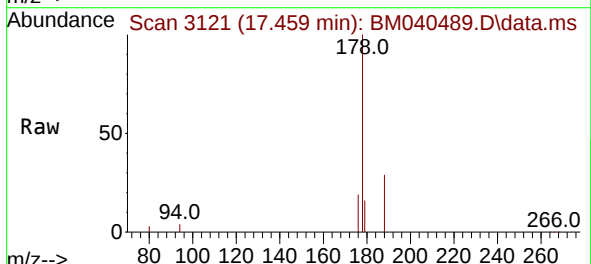
Manual Integrations
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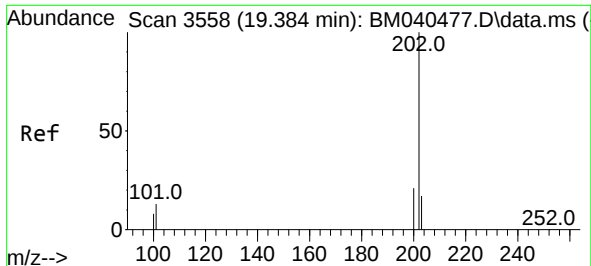
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 1.039 ng/u1
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

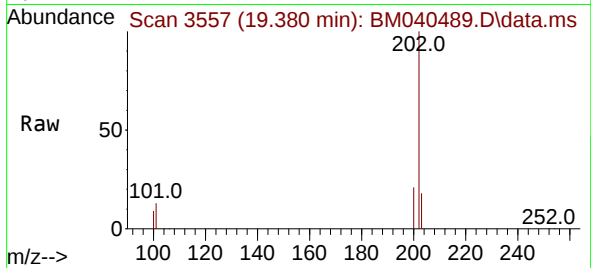
Tgt Ion:178 Resp: 67677
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.3 15.8 23.6





#19
Fluoranthene
Concen: 13.369 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

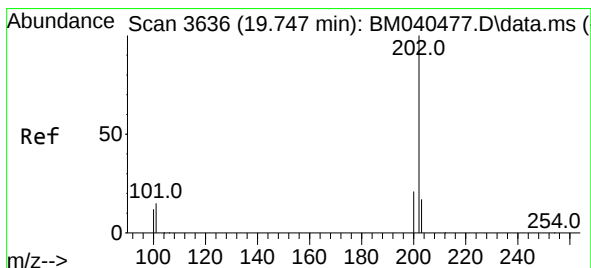
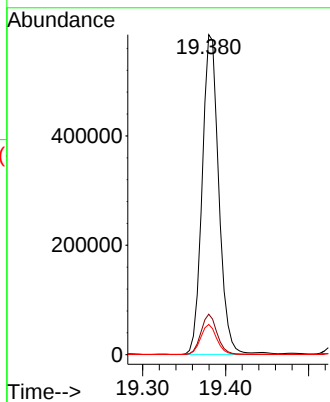
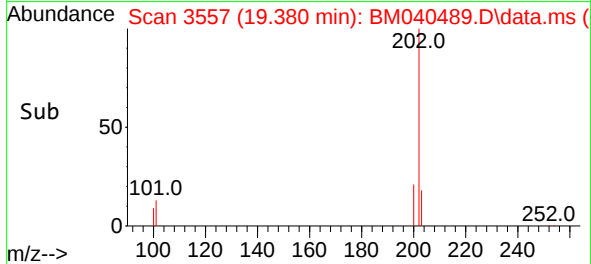
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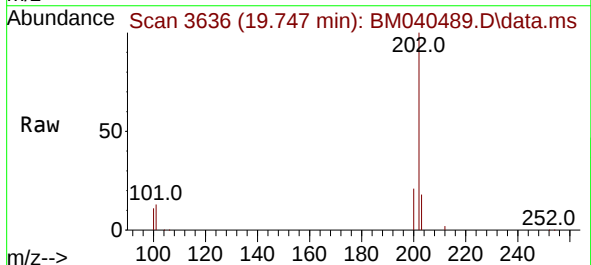
Tgt Ion:202 Resp: 814270
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 9.5 8.7 13.1

Manual Integrations
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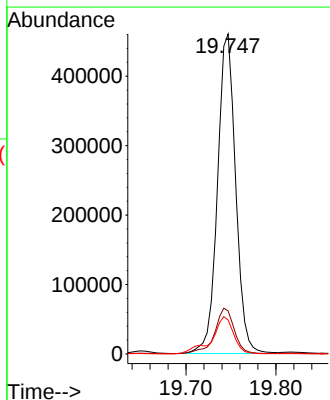
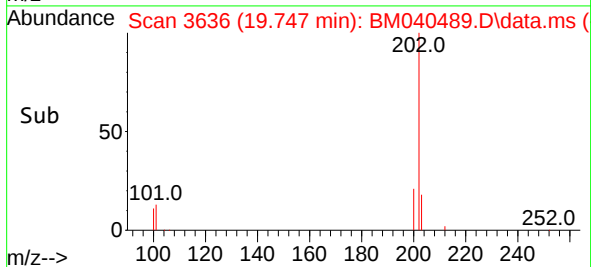
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

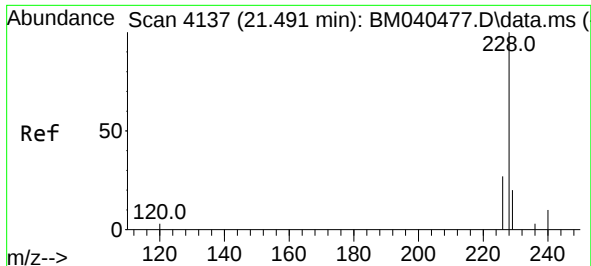


#20
Pyrene
Concen: 9.874 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57



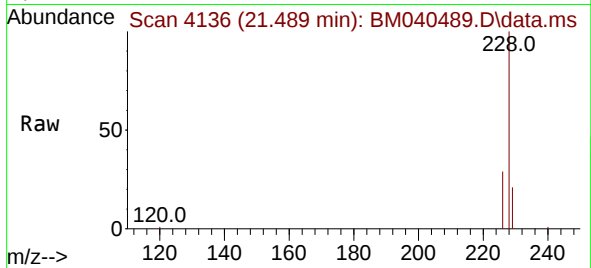
Tgt Ion:202 Resp: 644810
Ion Ratio Lower Upper
202 100
101 13.5 12.6 18.8
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.703 ng/ul
RT: 21.489 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

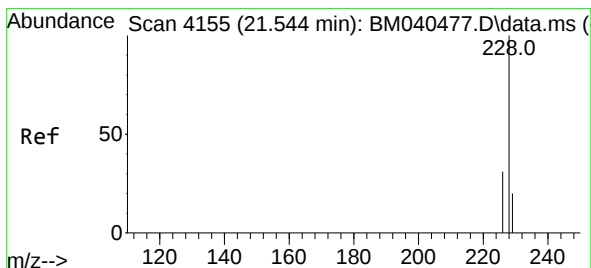
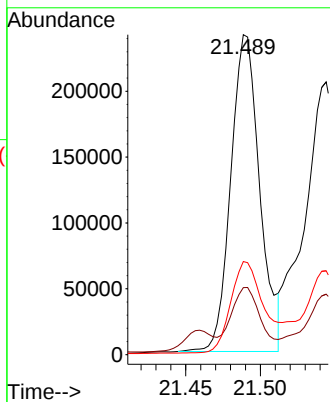
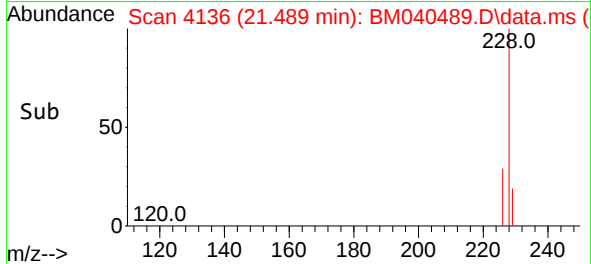
Instrument :
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DCFX6



Tgt Ion:228 Resp: 325094
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 29.1 22.3 33.5

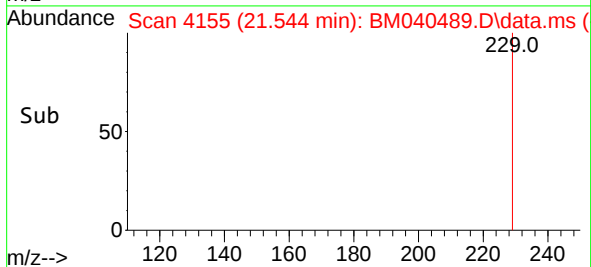
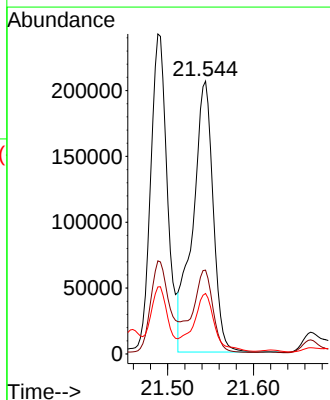
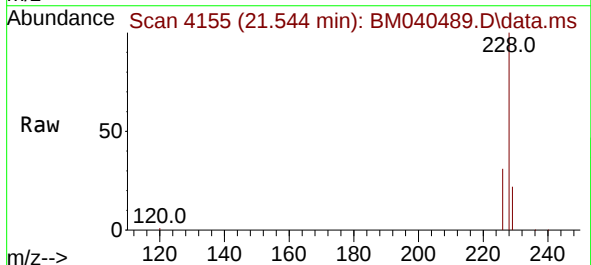
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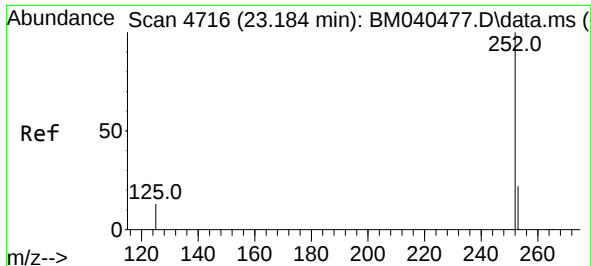
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 6.123 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

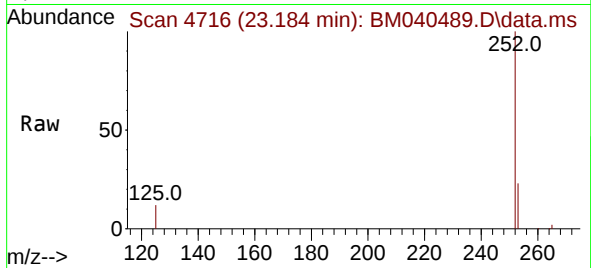
Tgt Ion:228 Resp: 338774
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.840 ng/ul
RT: 23.184 min Scan# 4716
Delta R.T. 0.003 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

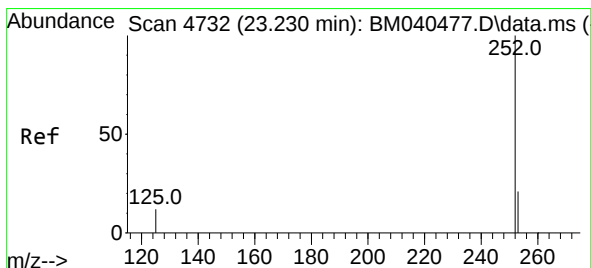
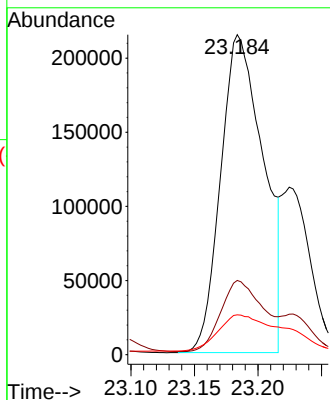
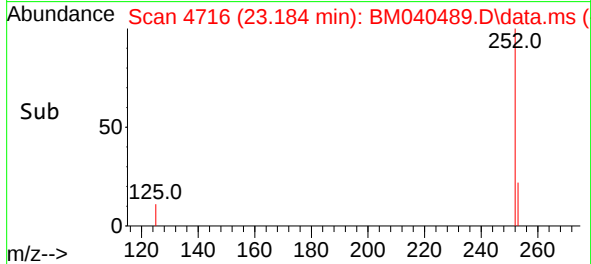
Instrument :
BNA_M
ClientSampleId :
DCFX6



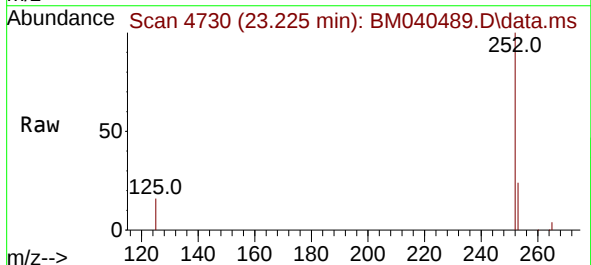
Tgt Ion:252 Resp: 50258
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 12.5 0.0 43.0

Manual Integrations
APPROVED

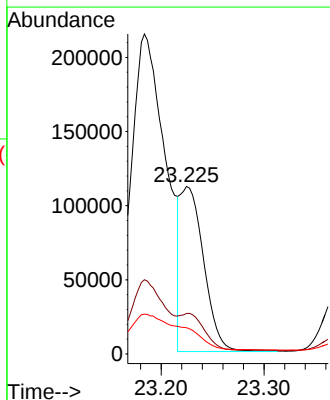
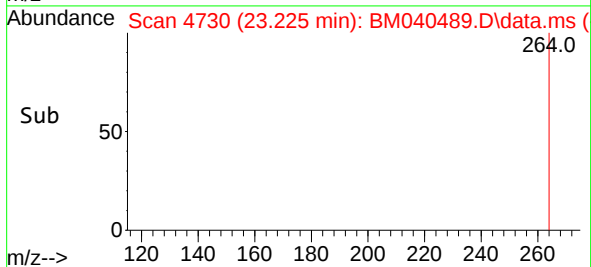
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

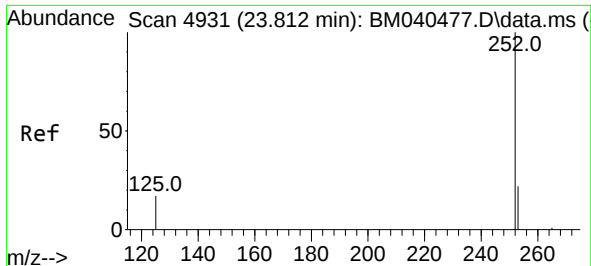


#25
Benzo(k)fluoranthene
Concen: 2.785 ng/ul m
RT: 23.225 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57



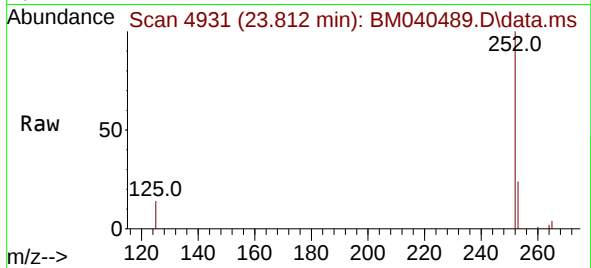
Tgt Ion:252 Resp: 175916
Ion Ratio Lower Upper
252 100
253 24.2 21.2 31.8
125 15.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 5.569 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. 0.000 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

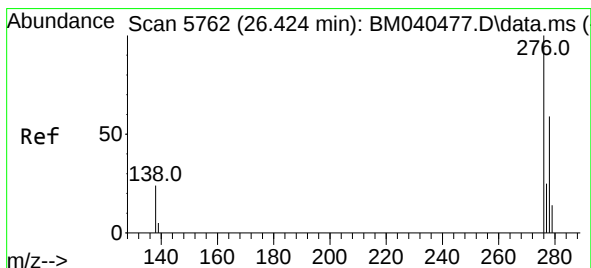
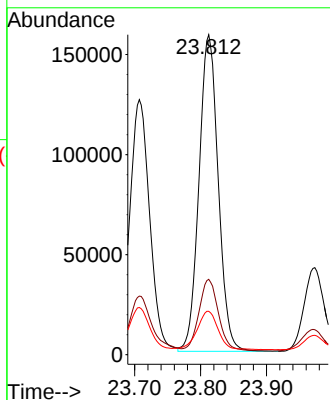
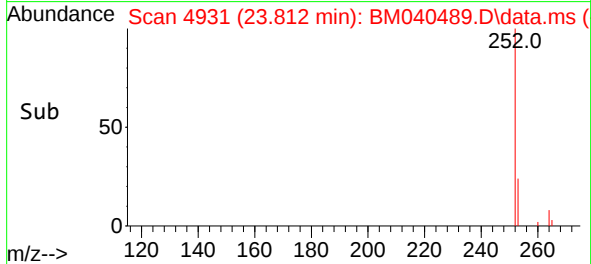
Instrument :
BNA_M
ClientSampleId :
DCFX6



Tgt Ion:252 Resp: 321556
Ion Ratio Lower Upper
252 100
253 23.5 22.9 34.3
125 13.6 21.0 31.4

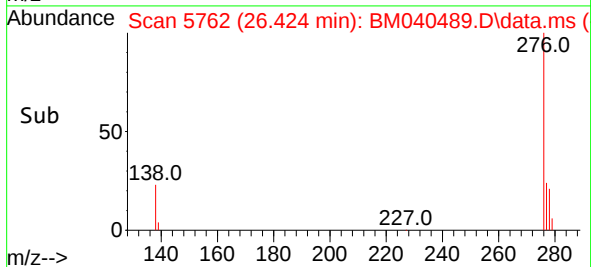
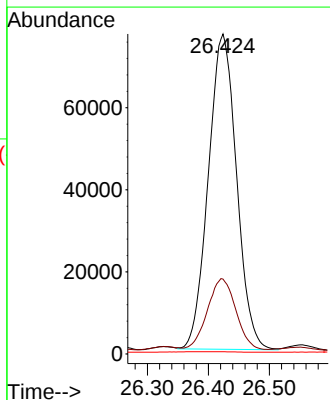
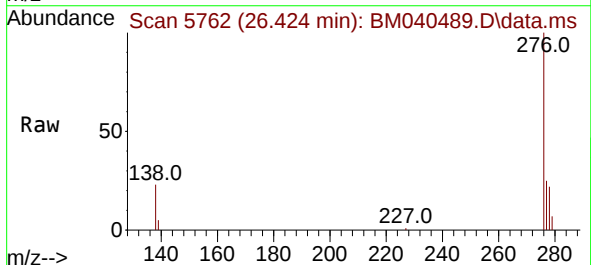
Manual Integrations
APPROVED

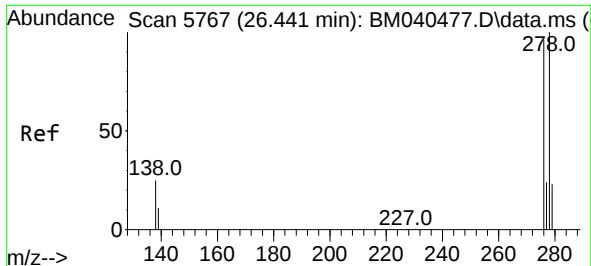
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.072 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. 0.004 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

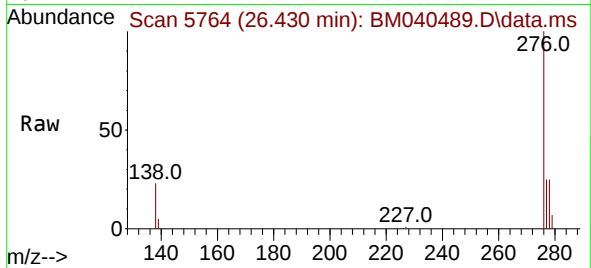
Tgt Ion:276 Resp: 247032
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.998 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.007 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57

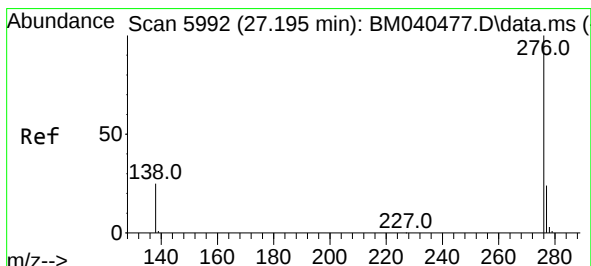
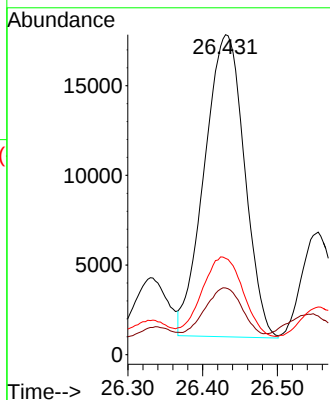
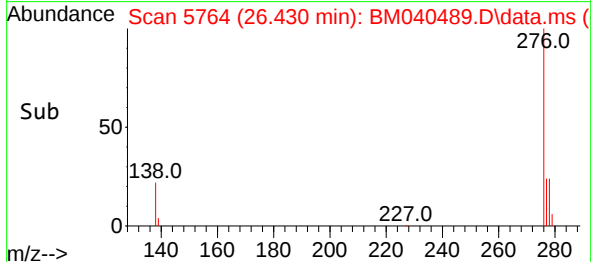
Instrument :
BNA_M
ClientSampleId :
DCFX6



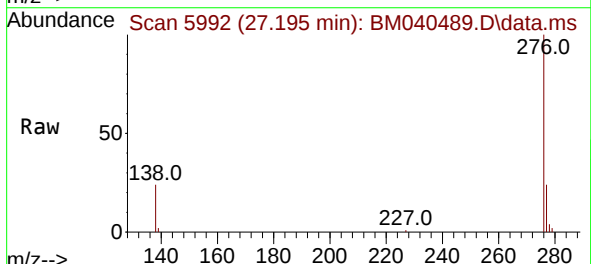
Tgt Ion:278 Resp: 62838
Ion Ratio Lower Upper
278 100
139 20.8 17.9 26.9
279 30.1 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 2.967 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040489.D
Acq: 01 Jul 2023 01:57



Tgt Ion:276 Resp: 209111
Ion Ratio Lower Upper
276 100
138 24.2 23.0 34.6
277 24.4 20.3 30.5

