

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038092.D
 Acq On : 17 Dec 2022 07:11
 Operator : CG/JU
 Sample : N5925-07DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXR1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 19 03:17:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4480	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	13479	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	7565	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	15803	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	13285	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	14031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	4779	0.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	1074	0.055	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	2286	0.047	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.916	128	2466	0.060	ng/ul#	92
7) 2-Methylnaphthalene	12.517	142	976	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	655	0.026	ng/ul	99
10) Acenaphthylene	14.402	152	6753	0.170	ng/ul	97
11) Acenaphthene	14.740	153	1351	0.045	ng/ul	98
12) Fluorene	15.721	166	1051	0.032	ng/ul#	93
14) Pentachlorophenol	17.067	266	239	0.037	ng/ul	87
15) Phenanthrene	17.455	178	26352	0.495	ng/ul	100
16) Anthracene	17.548	178	7227	0.147	ng/ul	97
19) Fluoranthene	19.464	202	90701	1.322	ng/ul	95
20) Pyrene	19.826	202	84121m	1.201	ng/ul	
21) Benzo(a)anthracene	21.565	228	59340	1.034	ng/ul	99
22) Chrysene	21.618	228	62979	1.088	ng/ul	98
24) Benzo(b)fluoranthene	23.284	252	105916	1.592	ng/ul	91
25) Benzo(k)fluoranthene	23.327	252	36971m	0.576	ng/ul	
26) Benzo(a)pyrene	23.924	252	63148	1.127	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.599	276	46746	0.665	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.602	278	12009	0.219	ng/ul#	90
29) Benzo(g,h,i)perylene	27.394	276	41994	0.703	ng/ul	97

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

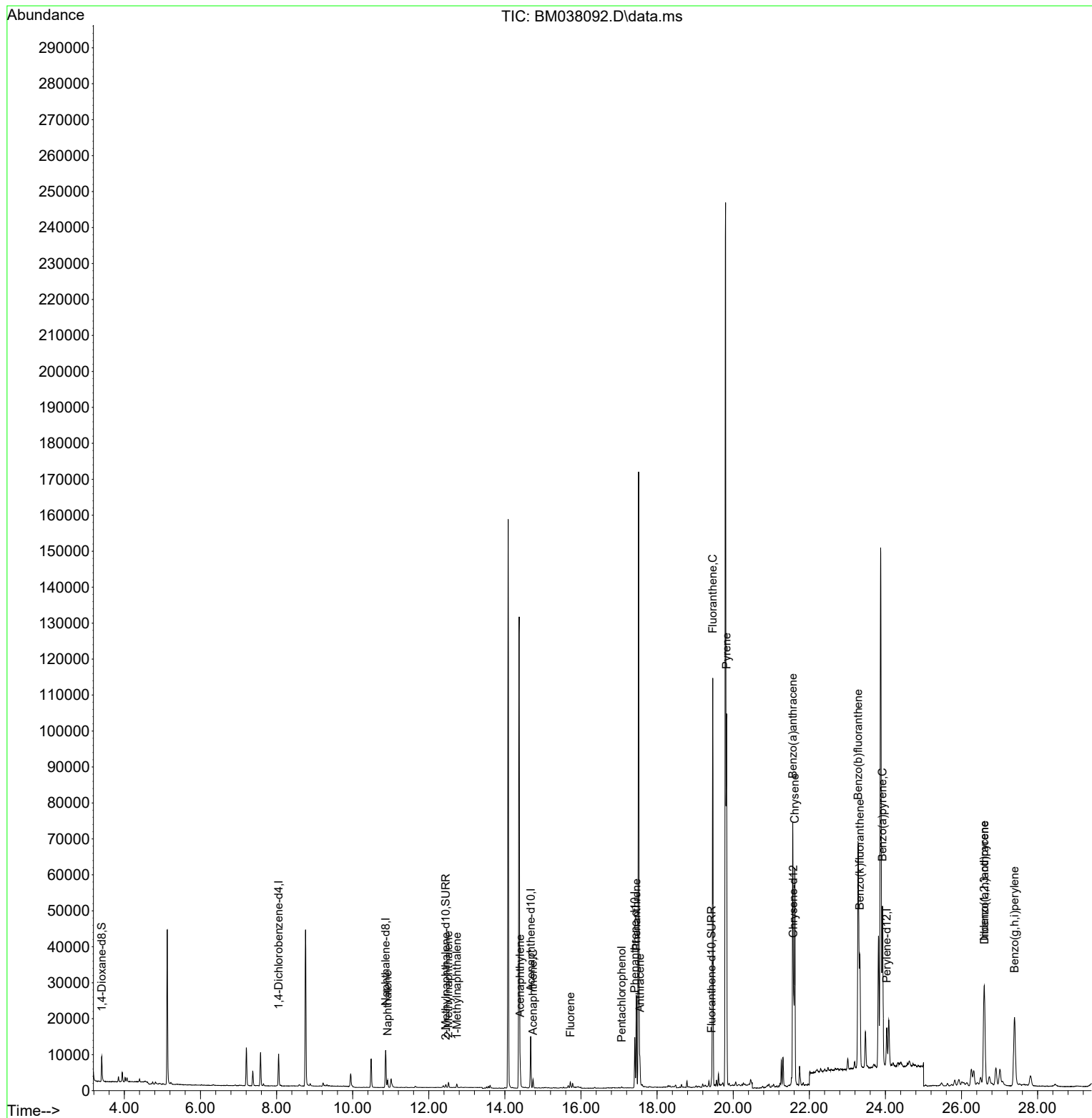
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038092.D
Acq On : 17 Dec 2022 07:11
Operator : CG/JU
Sample : N5925-07DL 5X
Misc :
ALS Vial : 74 Sample Multiplier: 1

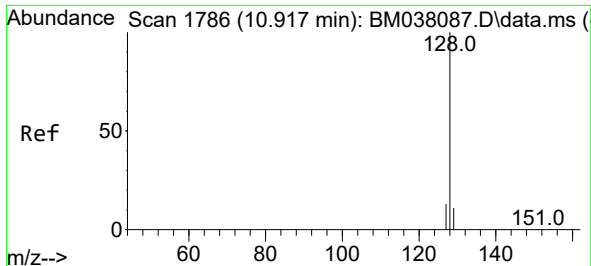
Instrument :
BNA_M
ClientSampleId :
DBXR1DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

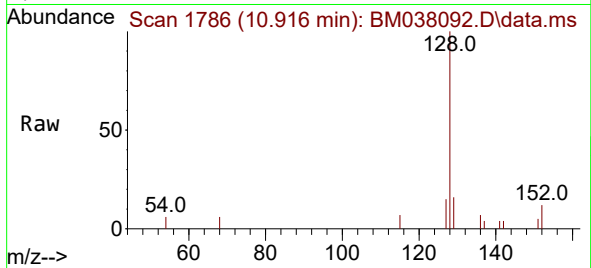
Quant Time: Dec 19 03:17:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 05:21:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.916 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

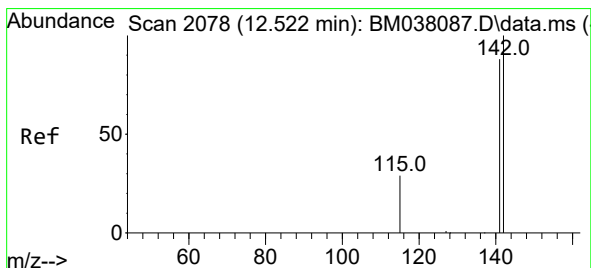
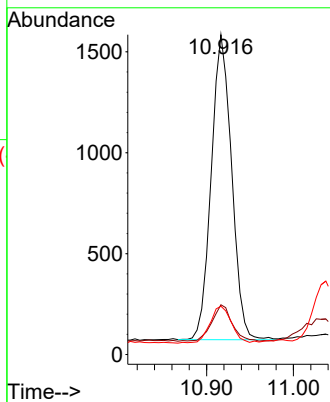
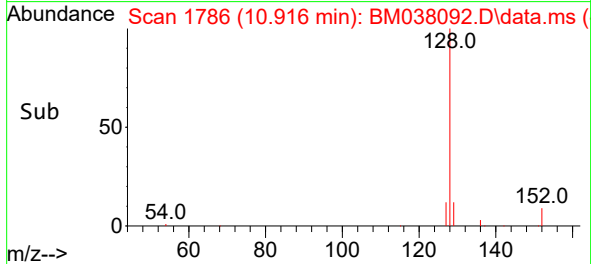
Instrument :
BNA_M
ClientSampleId :
DBXR1DL



Tgt Ion:128 Resp: 2460
Ion Ratio Lower Upper
128 100
129 15.6 9.1 13.7
127 15.1 10.4 15.6

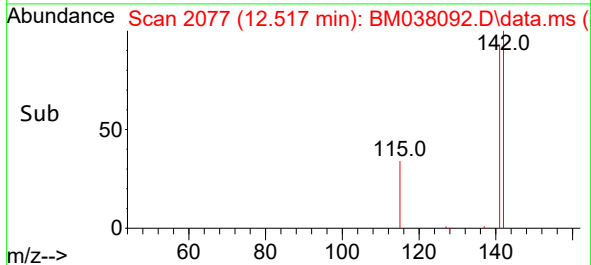
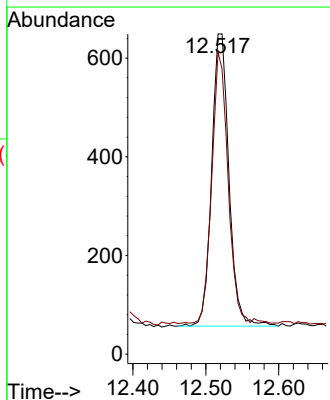
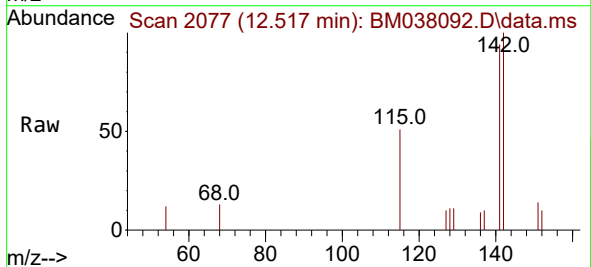
Manual Integrations
APPROVED

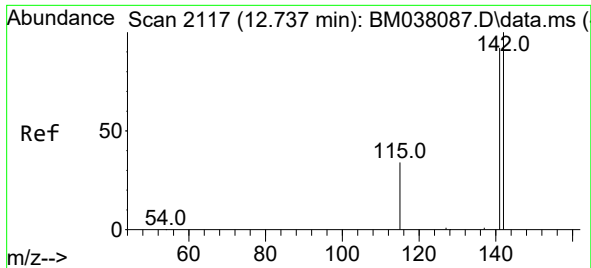
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

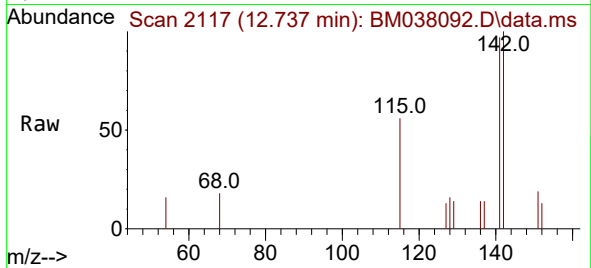
Tgt Ion:142 Resp: 976
Ion Ratio Lower Upper
142 100
141 87.4 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

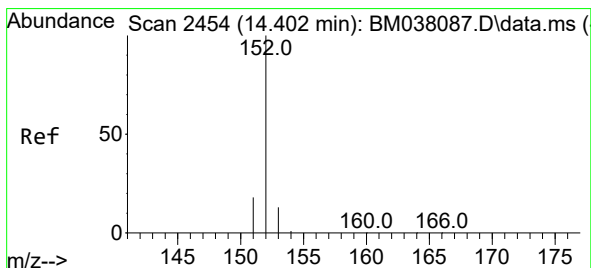
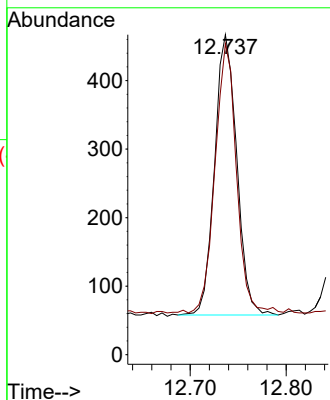
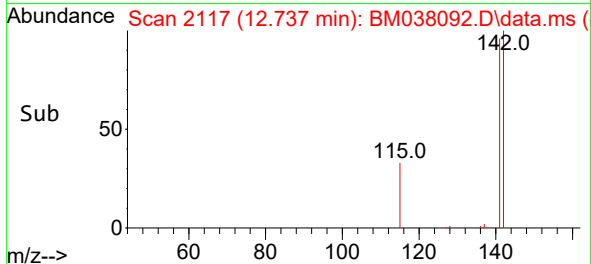
Instrument :
BNA_M
ClientSampleId :
DBXR1DL



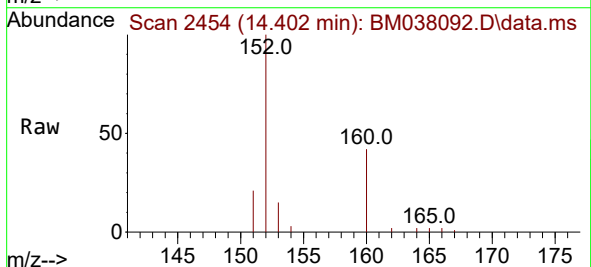
Tgt Ion:142 Resp: 658
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4

Manual Integrations
APPROVED

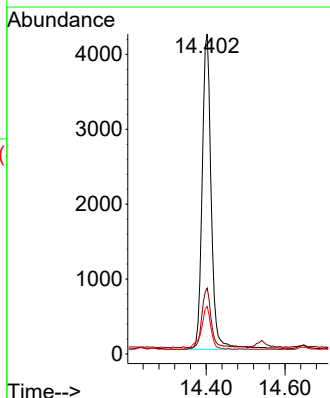
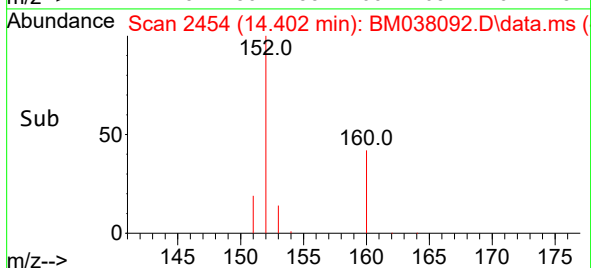
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

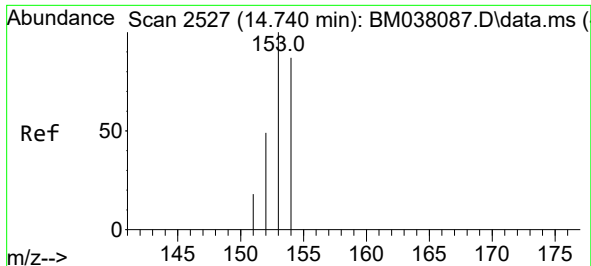


#10
Acenaphthylene
Concen: 0.170 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11



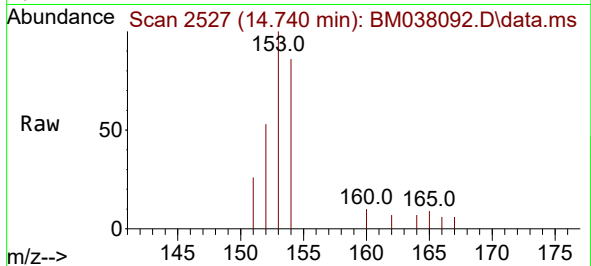
Tgt Ion:152 Resp: 6753
Ion Ratio Lower Upper
152 100
151 20.6 15.5 23.3
153 14.9 11.0 16.4





#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

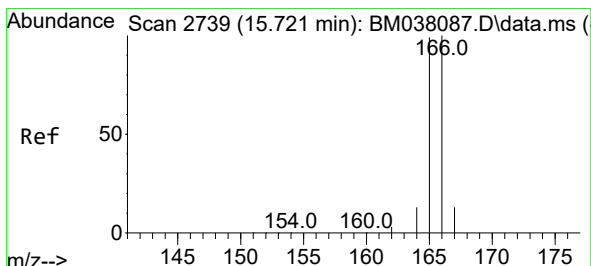
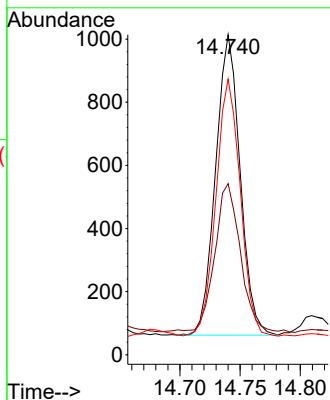
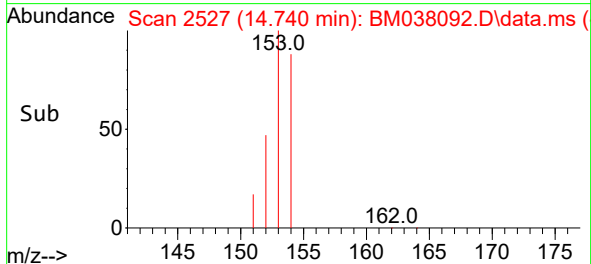
Instrument :
BNA_M
ClientSampleId :
DBXR1DL



Tgt Ion:153 Resp: 135
Ion Ratio Lower Upper
153 100
152 53.5 39.5 59.3
154 86.1 69.2 103.8

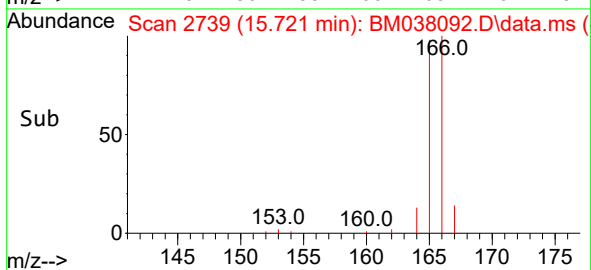
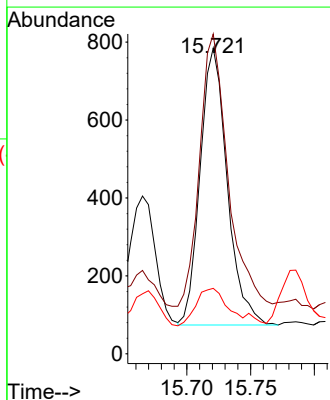
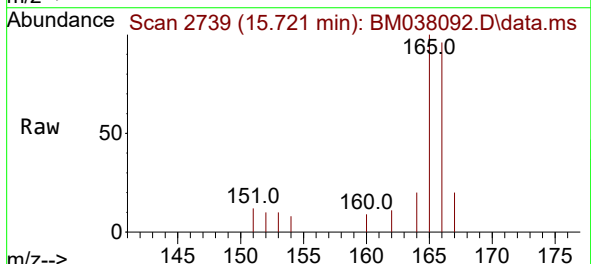
Manual Integrations
APPROVED

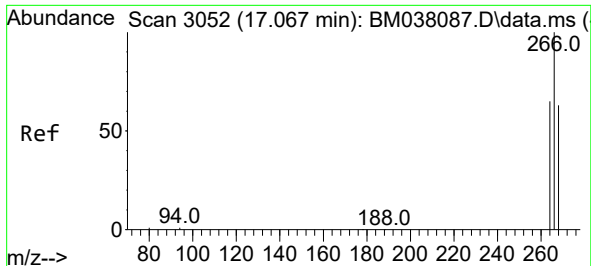
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.721 min Scan# 2739
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

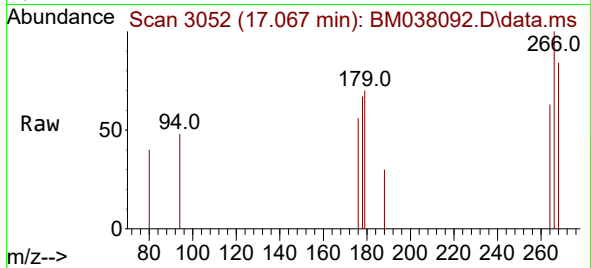
Tgt Ion:166 Resp: 1051
Ion Ratio Lower Upper
166 100
165 104.6 79.0 118.4
167 21.4 11.1 16.7#





#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

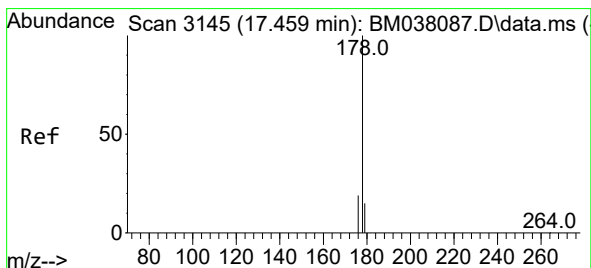
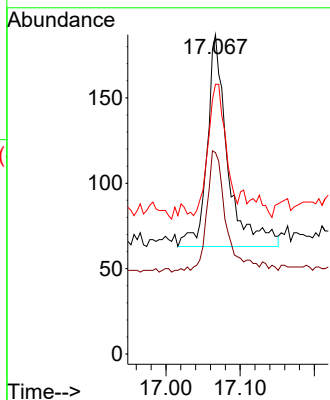
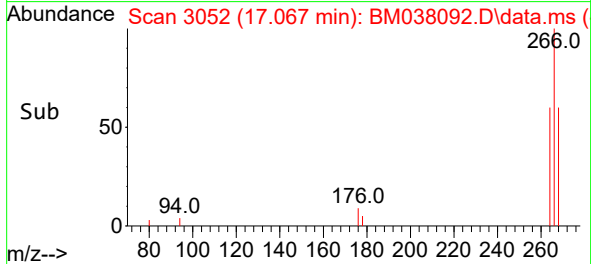
Instrument :
BNA_M
ClientSampleId :
DBXR1DL



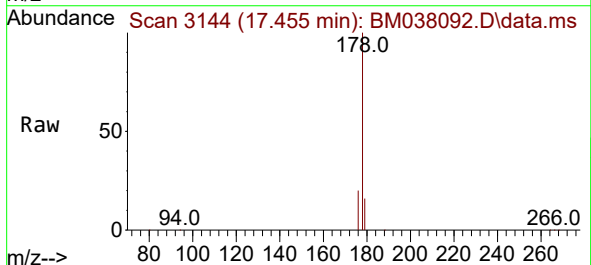
Tgt Ion:266 Resp: 239
Ion Ratio Lower Upper
266 100
264 53.6 49.9 74.9
268 53.6 52.0 78.0

Manual Integrations
APPROVED

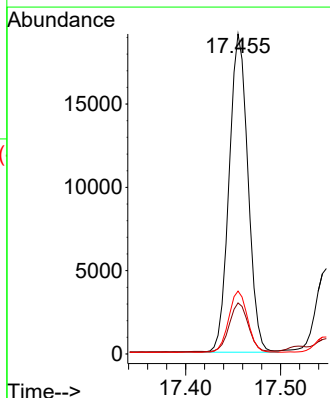
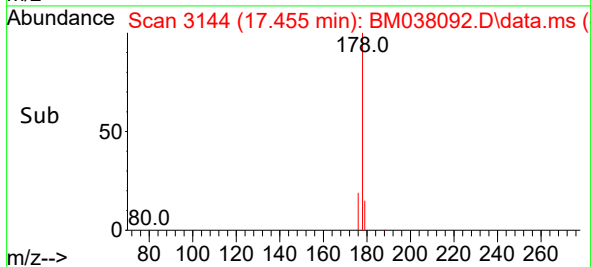
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

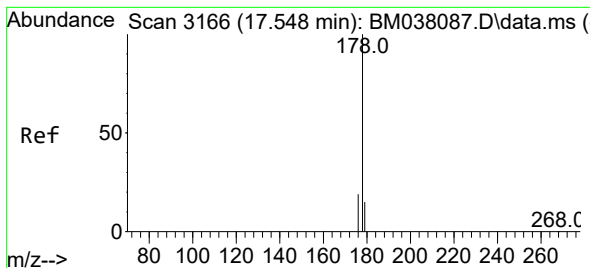


#15
Phenanthrene
Concen: 0.495 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11



Tgt Ion:178 Resp: 26352
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.8 23.6





#16

Anthracene

Concen: 0.147 ng/ul

RT: 17.548 min Scan# 3166

Delta R.T. -0.000 min

Lab File: BM038092.D

Acq: 17 Dec 2022 07:11

Instrument :

BNA_M

ClientSampleId :

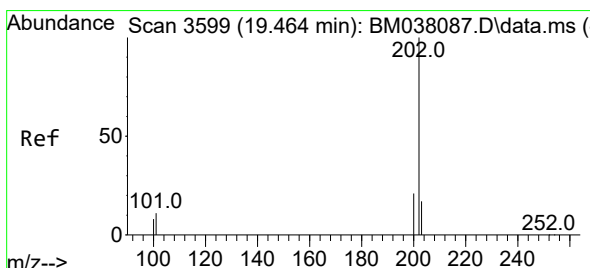
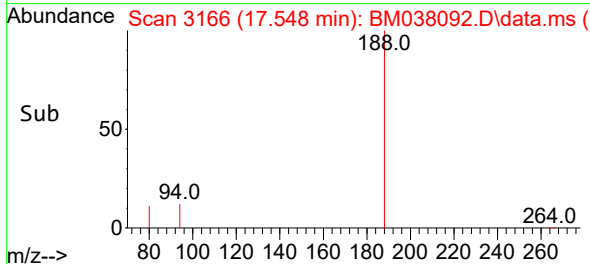
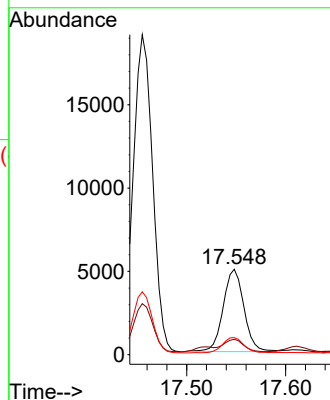
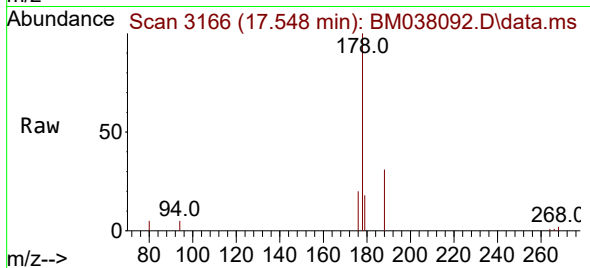
DBXR1DL

Tgt Ion:178	Resp:	722
Ion Ratio	Lower	Upper
178	100	
179	18.0	13.0 19.4
176	19.9	15.0 22.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#19

Fluoranthene

Concen: 1.322 ng/ul

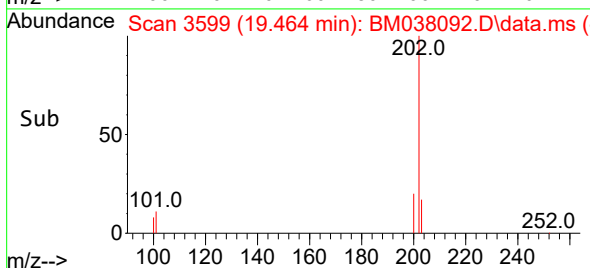
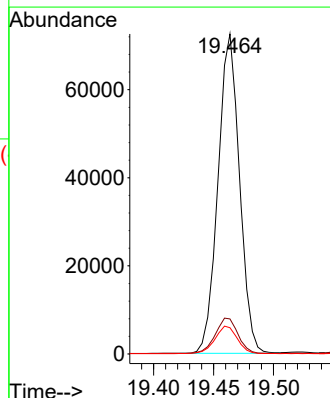
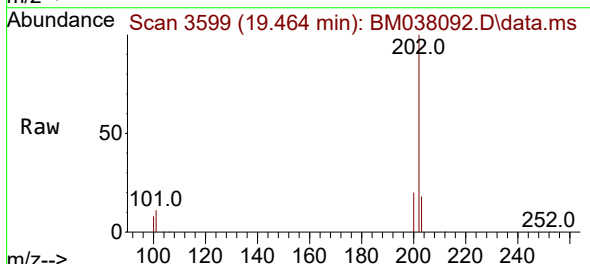
RT: 19.464 min Scan# 3599

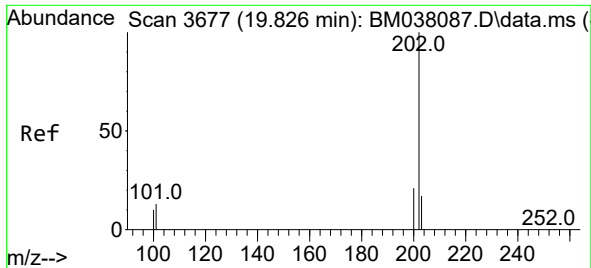
Delta R.T. -0.000 min

Lab File: BM038092.D

Acq: 17 Dec 2022 07:11

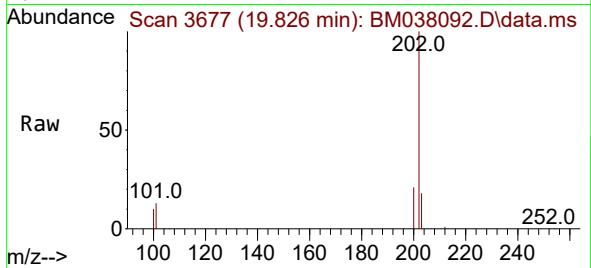
Tgt Ion:202	Resp:	90701
Ion Ratio	Lower	Upper
202	100	
101	10.9	10.6 15.8
100	8.2	7.9 11.9





#20
Pyrene
Concen: 1.201 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

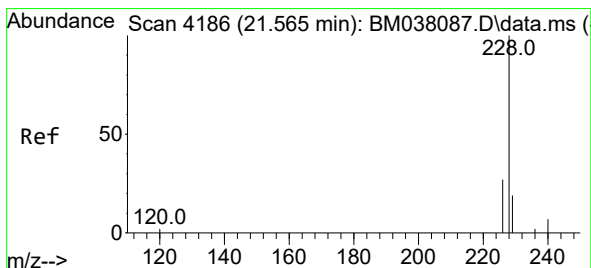
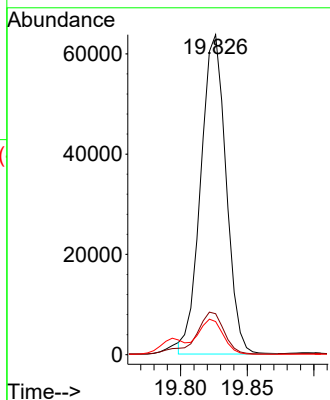
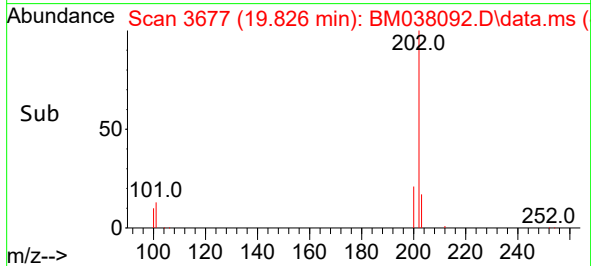
Instrument :
BNA_M
ClientSampleId :
DBXR1DL



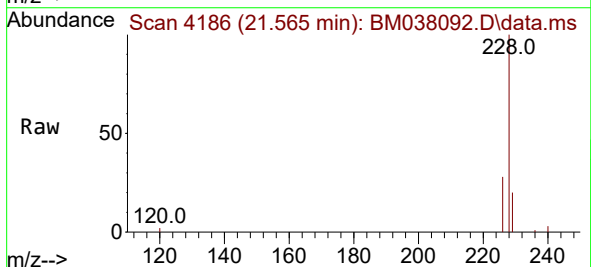
Tgt Ion:202 Resp: 8412
Ion Ratio Lower Upper
202 100
101 12.8 12.1 18.1
100 10.3 9.8 14.6

Manual Integrations
APPROVED

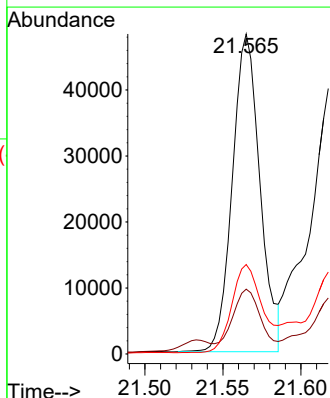
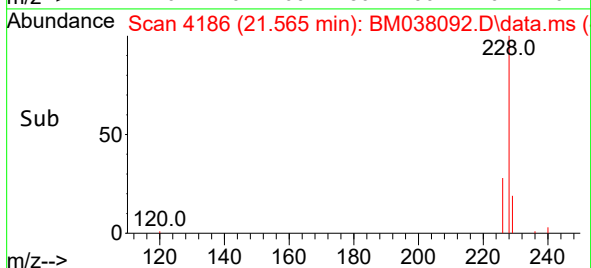
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

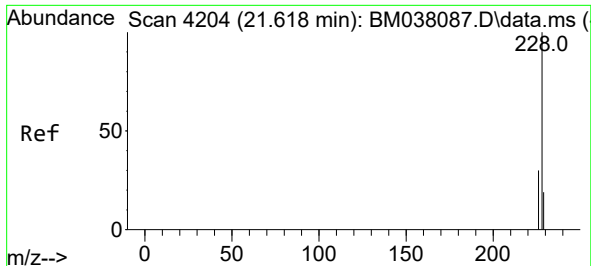


#21
Benzo(a)anthracene
Concen: 1.034 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11



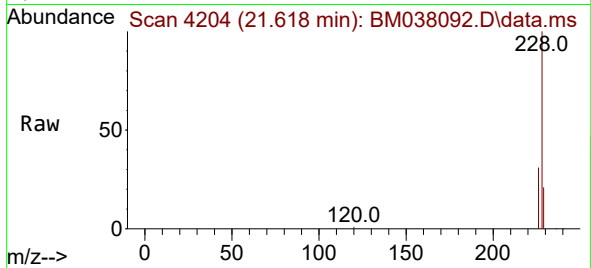
Tgt Ion:228 Resp: 59340
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.9 22.1 33.1





#22
Chrysene
Concen: 1.088 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

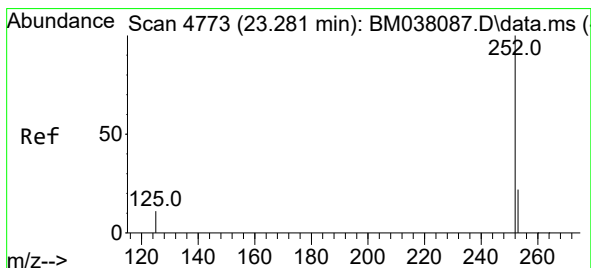
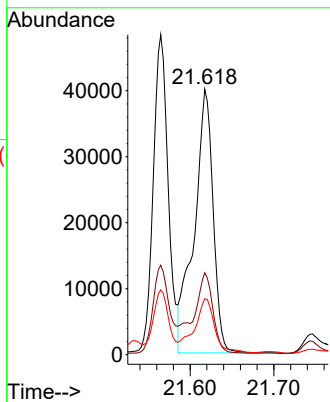
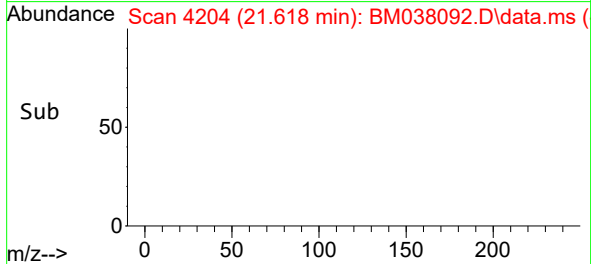
Instrument :
BNA_M
ClientSampleId :
DBXR1DL



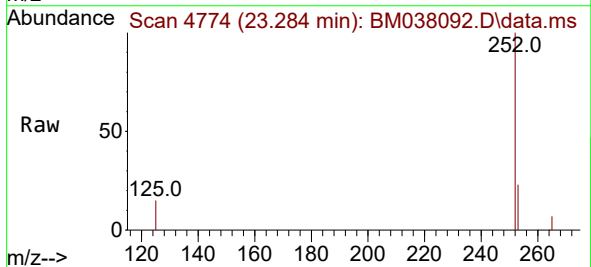
Tgt Ion:228 Resp: 62979
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 21.1 15.7 23.5

Manual Integrations
APPROVED

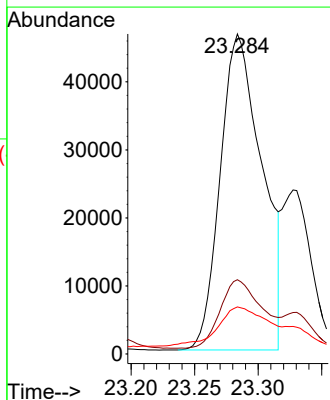
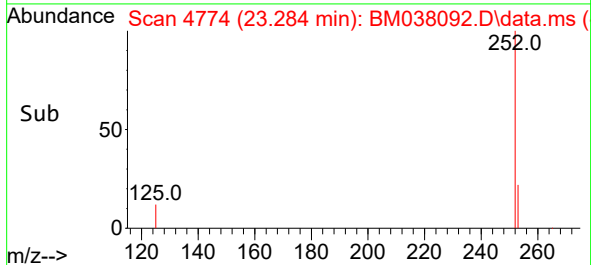
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

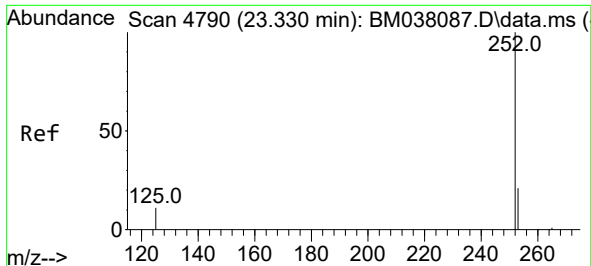


#24
Benzo(b)fluoranthene
Concen: 1.592 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11



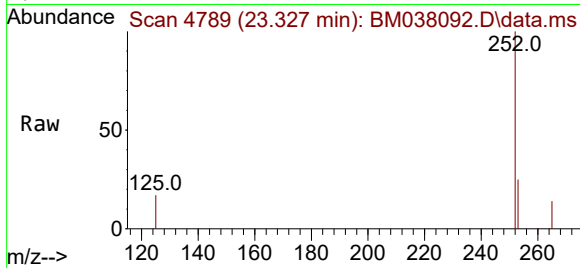
Tgt Ion:252 Resp: 105916
Ion Ratio Lower Upper
252 100
253 23.2 0.0 51.8
125 14.7 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.576 ng/ul m
RT: 23.327 min Scan# 4789
Delta R.T. -0.003 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

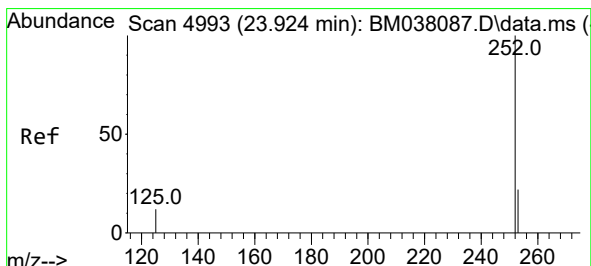
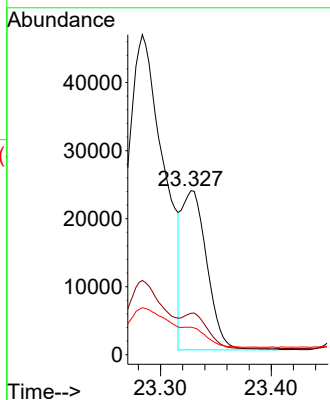
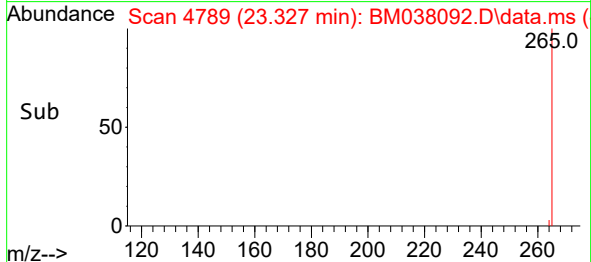
Instrument :
BNA_M
ClientSampleId :
DBXR1DL



Tgt Ion:252 Resp: 3697
Ion Ratio Lower Upper
252 100
253 25.3 20.8 31.2
125 16.8 17.1 25.7

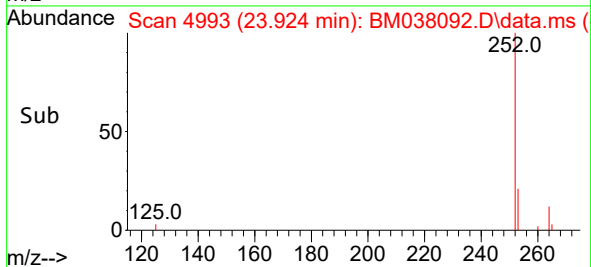
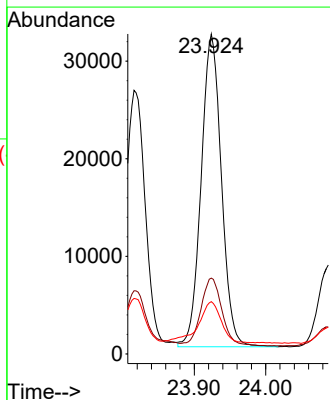
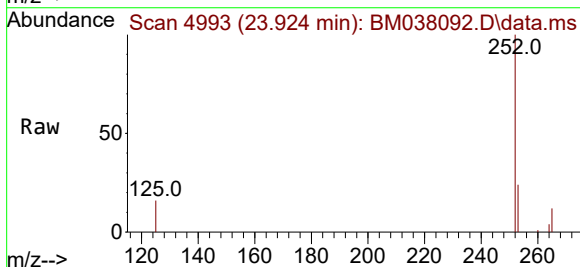
Manual Integrations
APPROVED

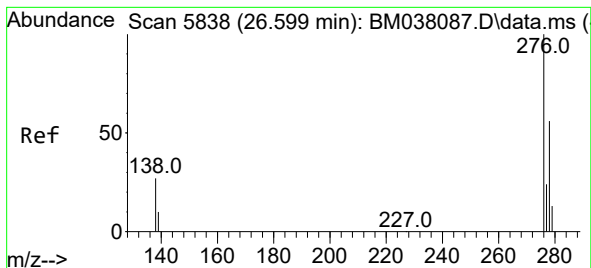
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
Benzo(a)pyrene
Concen: 1.127 ng/ul
RT: 23.924 min Scan# 4993
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Tgt Ion:252 Resp: 63148
Ion Ratio Lower Upper
252 100
253 23.7 21.9 32.9
125 16.3 20.7 31.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.665 ng/ul

RT: 26.599 min Scan# 5838

Delta R.T. -0.000 min

Lab File: BM038092.D

Acq: 17 Dec 2022 07:11

Instrument :

BNA_M

ClientSampleId :

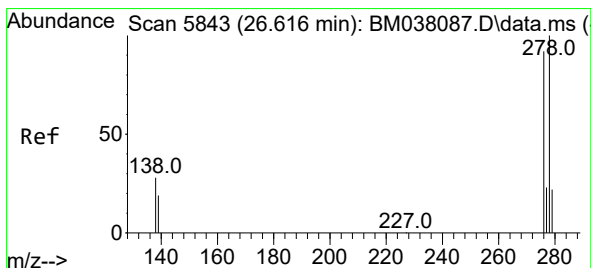
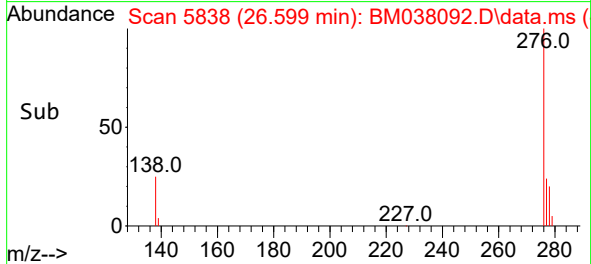
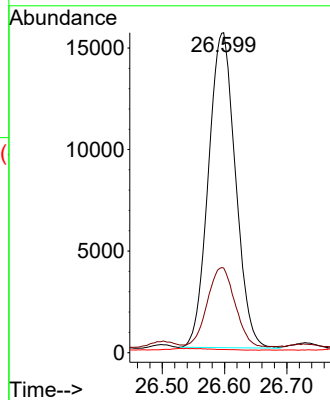
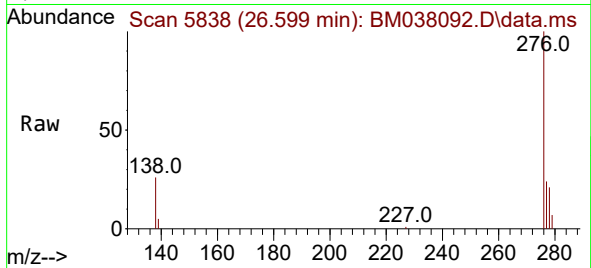
DBXR1DL

Tgt Ion:276 Resp: 46740
 Ion Ratio Lower Upper
 276 100
 138 25.8 26.6 40.0
 227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.219 ng/ul

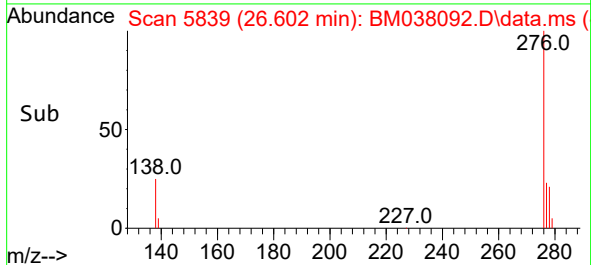
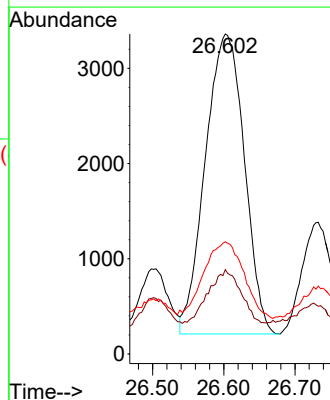
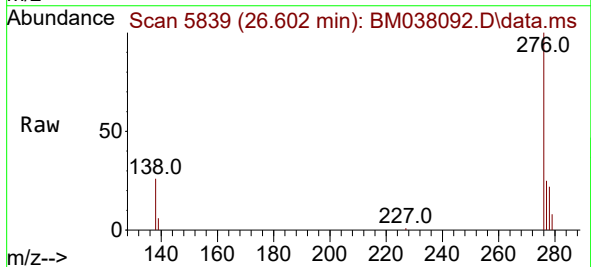
RT: 26.602 min Scan# 5839

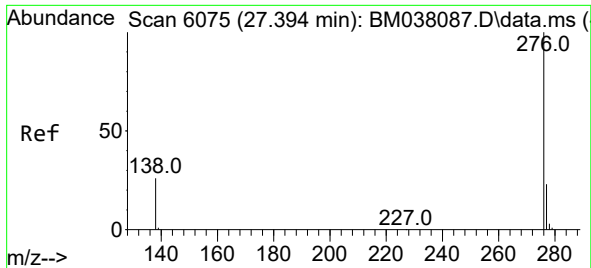
Delta R.T. -0.014 min

Lab File: BM038092.D

Acq: 17 Dec 2022 07:11

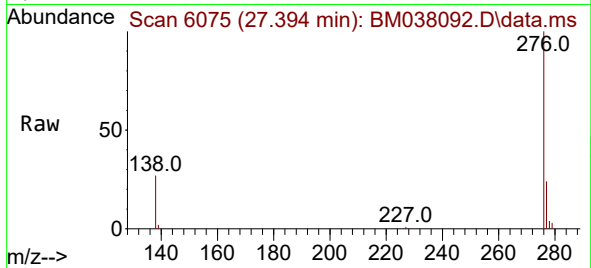
Tgt Ion:278 Resp: 12009
 Ion Ratio Lower Upper
 278 100
 139 26.4 19.0 28.6
 279 35.1 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 0.703 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. -0.000 min
Lab File: BM038092.D
Acq: 17 Dec 2022 07:11

Instrument :
BNA_M
ClientSampleId :
DBXR1DL



Tgt Ion:276 Resp: 41994
Ion Ratio Lower Upper
276 100
138 27.1 24.1 36.1
277 23.8 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

