

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037932.D
 Acq On : 10 Dec 2022 13:21
 Operator : CG/JU
 Sample : N5832-20ME
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL5ME

Quant Time: Dec 11 21:26:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 21:34:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	213970	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	857566	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	489544	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	885210	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	666181	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	780424	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	18319m	3.887	ng/uL	0.00
4) Pyridine-d5	3.864	84	108102	7.733	ng/u1	0.00
7) Phenol-d5	7.234	99	382404	21.993	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	240558	22.721	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	330656	23.182	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	284038	20.928	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	163644	24.101	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	172227	24.205	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	293872	21.744	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	497677	26.677	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	874845	25.066	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1027936	24.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.904	143	83031	13.959	ng/u1	0.00
60) Fluorene-d10	15.698	176	781351	25.128	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	65824	13.908	ng/u1	0.00
73) Anthracene-d10	17.557	188	1033899	25.026	ng/u1	0.00
81) Pyrene-d10	19.833	212	1022494	25.551	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	994442	25.511	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	379890	8.209	ng/u1	99
36) 2-Methylnaphthalene	12.545	142	317896	10.591	ng/u1	96
37) 1-Methylnaphthalene	12.763	142	336273	10.956	ng/u1	100
50) Acenaphthylene	14.434	152	204429	4.359	ng/u1#	93
52) Acenaphthene	14.775	153	3303787	101.837	ng/u1	99
61) Fluorene	15.757	166	5036759	139.440	ng/u1	98
72) Phenanthrene	17.510	178	13667487	282.729	ng/u1	97
74) Anthracene	17.598	178	17440657	355.012	ng/u1	96
80) Fluoranthene	19.510	202	11380828	240.974	ng/u1	100
82) Pyrene	19.869	202	8801435	179.064	ng/u1	98
85) Benzo(a)anthracene	21.604	228	2350343	52.405	ng/u1	98
87) Chrysene	21.663	228	2503365	59.490	ng/u1	98
90) Benzo(b)fluoranthene	23.345	252	2161697	44.679	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	737301m	15.724	ng/u1	
93) Benzo(a)pyrene	23.992	252	964100	22.660	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.692	276	505790	9.230	ng/u1#	94
95) Dibenzo(a,h)anthracene	26.692	278	151207m	3.273	ng/u1	
96) Benzo(g,h,i)perylene	27.486	276	337759	7.720	ng/u1	98

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

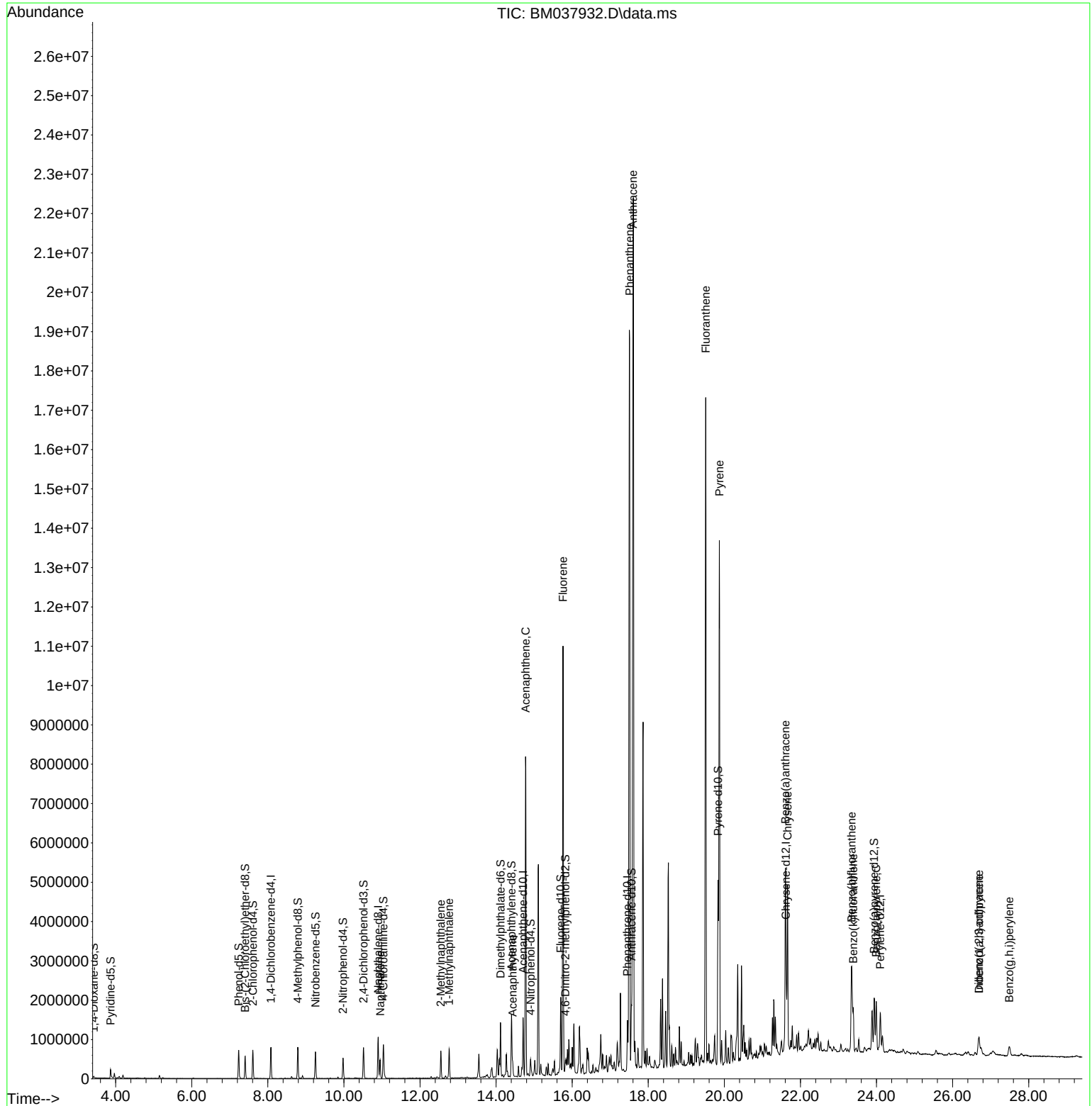
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037932.D
Acq On : 10 Dec 2022 13:21
Operator : CG/JU
Sample : N5832-20ME
Misc :
ALS Vial : 7 Sample Multiplier: 1

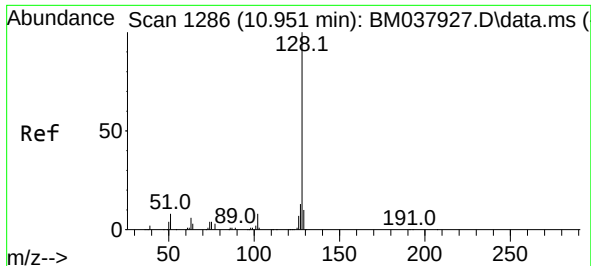
Instrument :
BNA_M
ClientSampleId :
DBXL5ME

Quant Time: Dec 11 21:26:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

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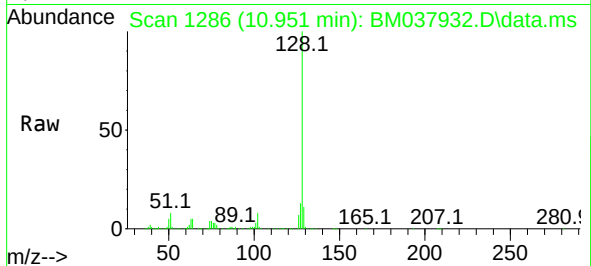
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022





#30
Naphthalene
Concen: 8.209 ng/u1
RT: 10.951 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

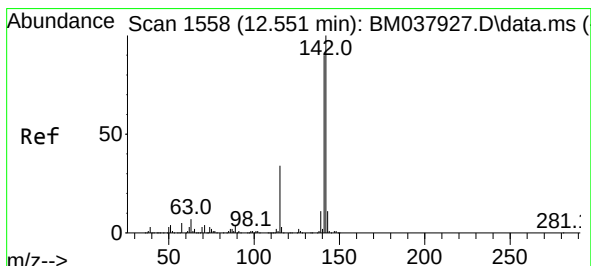
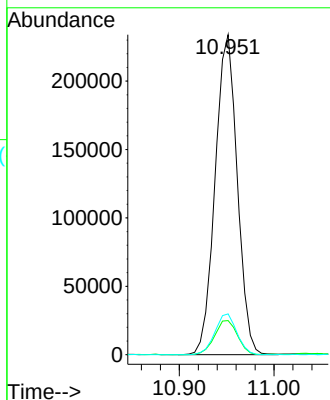
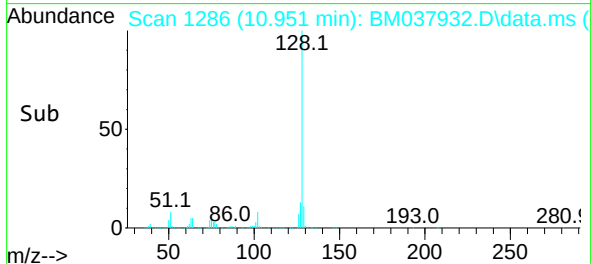
Instrument :
BNA_M
ClientSampleId :
DBXL5ME



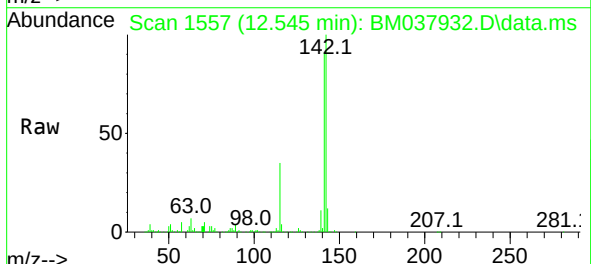
Tgt Ion:128 Resp: 379890
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.8 10.4 15.6

Manual Integrations
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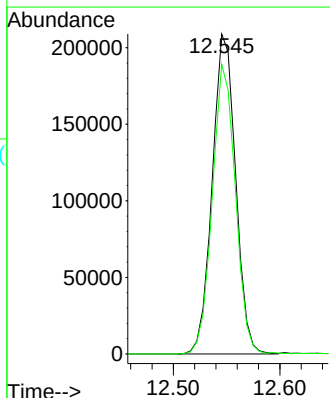
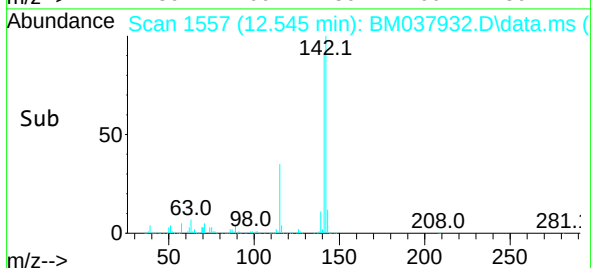
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

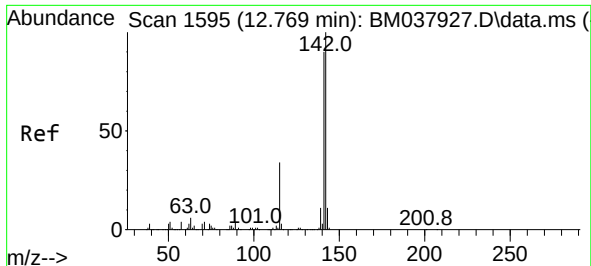


#36
2-Methylnaphthalene
Concen: 10.591 ng/u1
RT: 12.545 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21



Tgt Ion:142 Resp: 317896
Ion Ratio Lower Upper
142 100
141 90.5 69.4 104.0





#37

1-Methylnaphthalene

Concen: 10.956 ng/ul

RT: 12.763 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BM037932.D

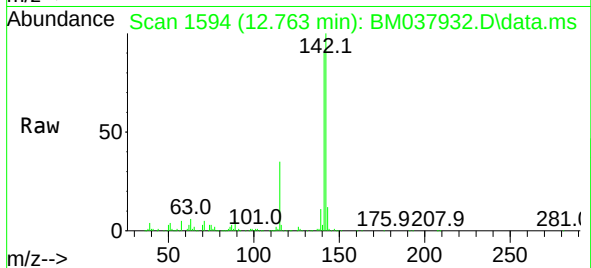
Acq: 10 Dec 2022 13:21

Instrument :

BNA_M

ClientSampleId :

DBXL5ME



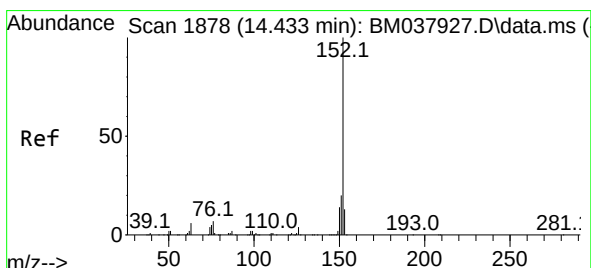
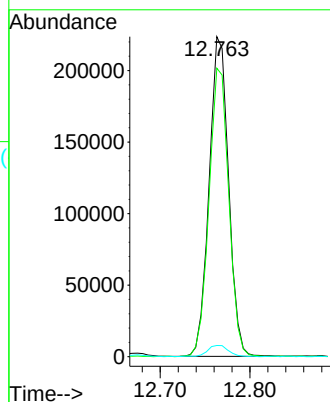
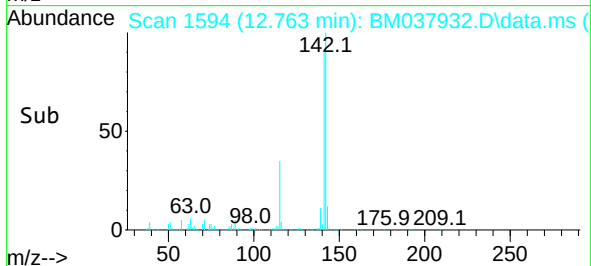
Tgt Ion:142 Resp: 33627

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.4	108.6
116	3.5	2.9	4.3

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#50

Acenaphthylene

Concen: 4.359 ng/ul

RT: 14.434 min Scan# 1878

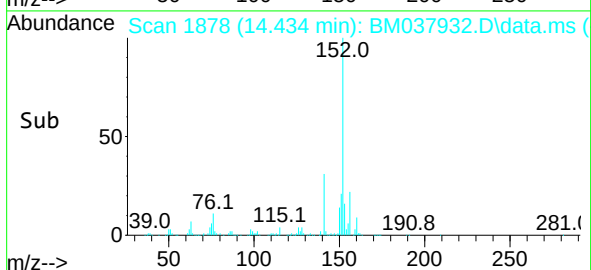
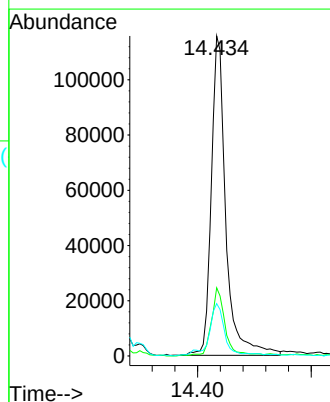
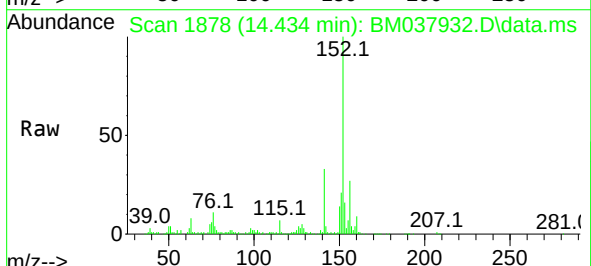
Delta R.T. -0.006 min

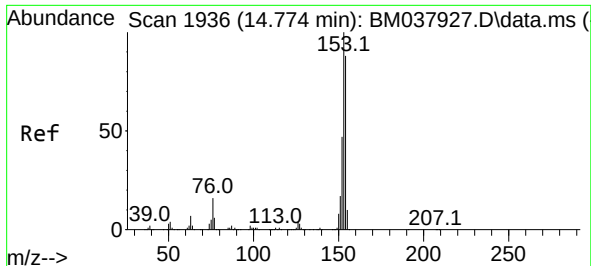
Lab File: BM037932.D

Acq: 10 Dec 2022 13:21

Tgt Ion:152 Resp: 204429

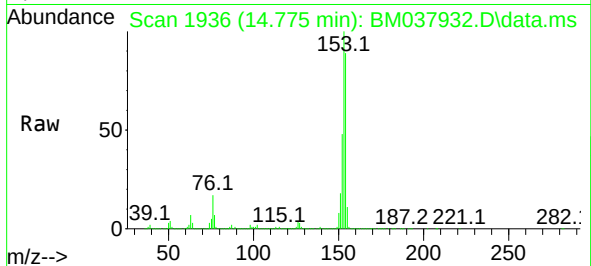
Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.3	22.9
153	16.3	10.2	15.4#





#52
Acenaphthene
Concen: 101.837 ng/u1
RT: 14.775 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

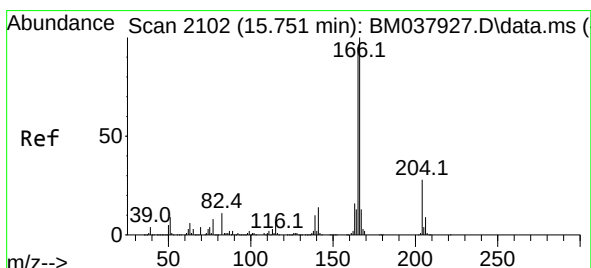
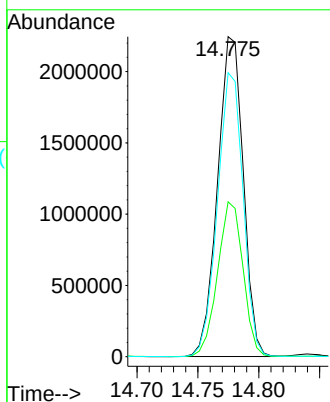
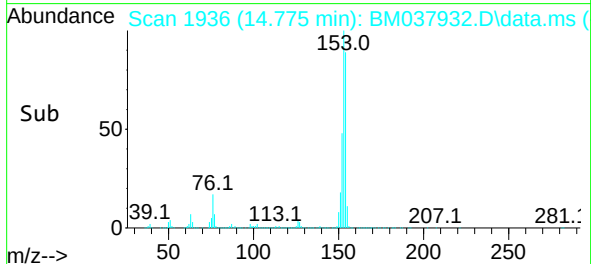
Instrument :
BNA_M
ClientSampleId :
DBXL5ME



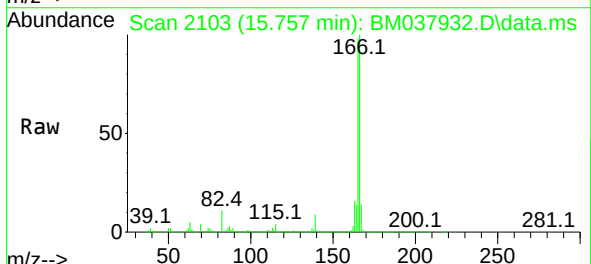
Tgt Ion:153 Resp: 330378
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 88.7 71.4 107.0

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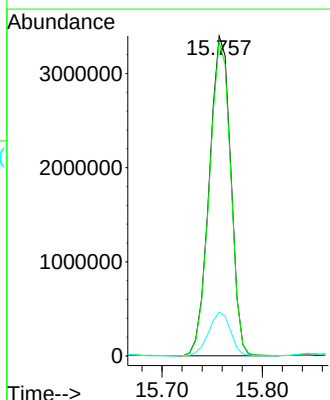
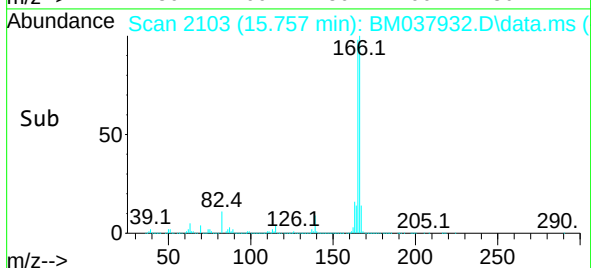
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

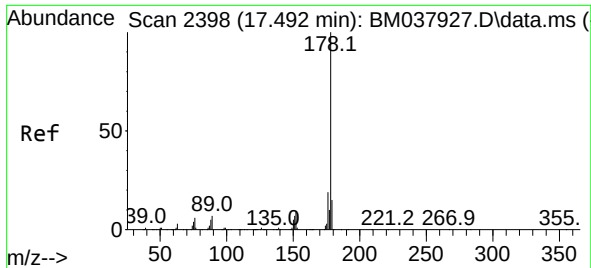


#61
Fluorene
Concen: 139.440 ng/u1
RT: 15.757 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21



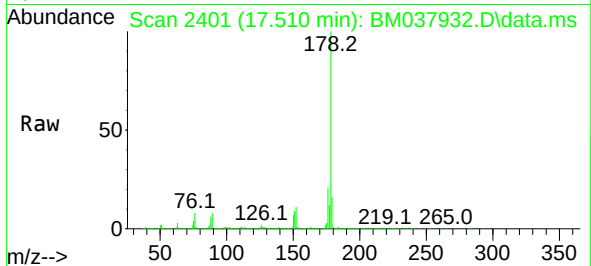
Tgt Ion:166 Resp: 5036759
Ion Ratio Lower Upper
166 100
165 98.2 77.2 115.8
167 13.7 10.4 15.6





#72
Phenanthrene
Concen: 282.729 ng/u1
RT: 17.510 min Scan# 2410
Delta R.T. 0.018 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

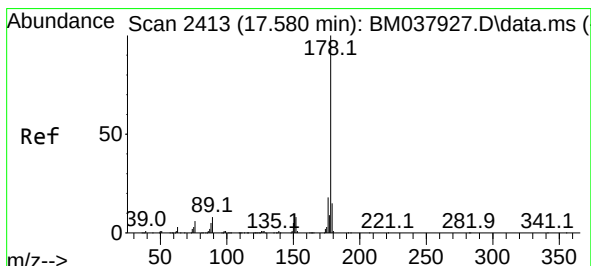
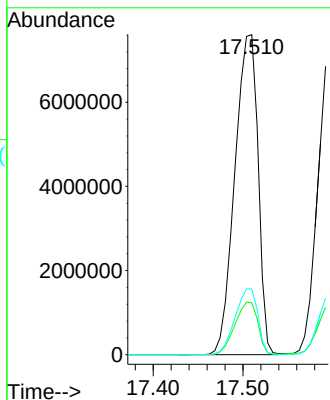
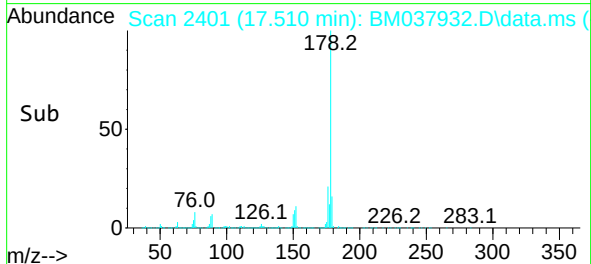
Instrument :
BNA_M
ClientSampleId :
DBXL5ME



Tgt Ion:178 Resp:1366748
Ion Ratio Lower Upper
178 100
179 16.3 12.2 18.2
176 20.6 15.4 23.0

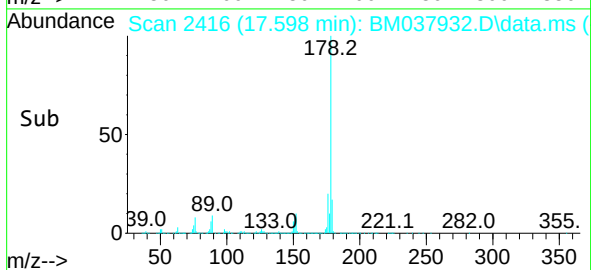
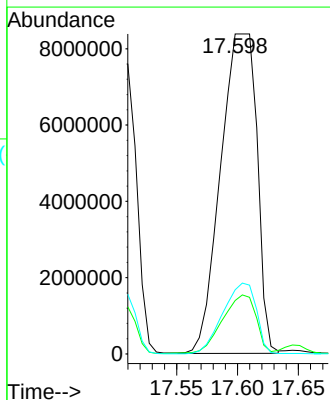
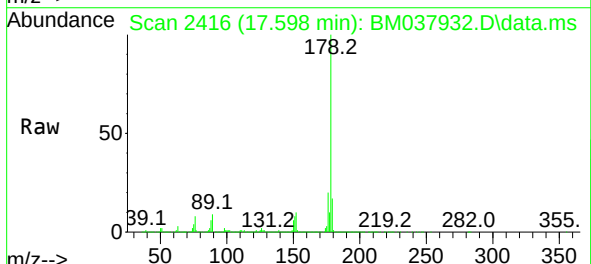
Manual Integrations
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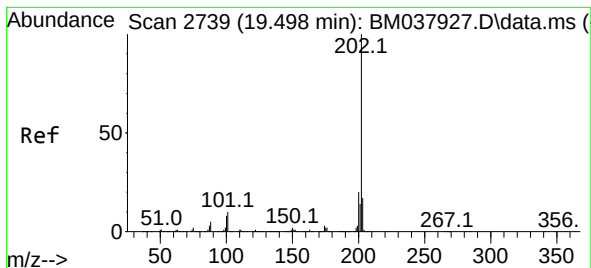
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#74
Anthracene
Concen: 355.012 ng/u1
RT: 17.598 min Scan# 2416
Delta R.T. 0.012 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

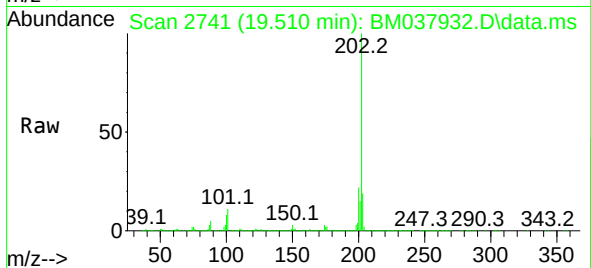
Tgt Ion:178 Resp:17440657
Ion Ratio Lower Upper
178 100
179 16.7 11.8 17.8
176 20.1 15.0 22.6





#80
Fluoranthene
Concen: 240.974 ng/u1
RT: 19.510 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

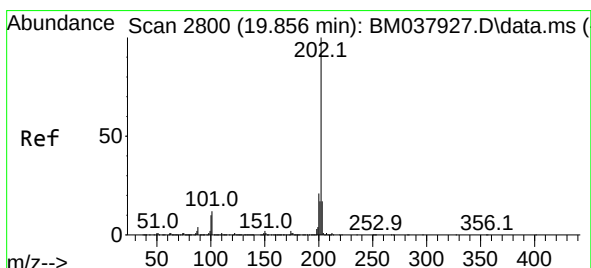
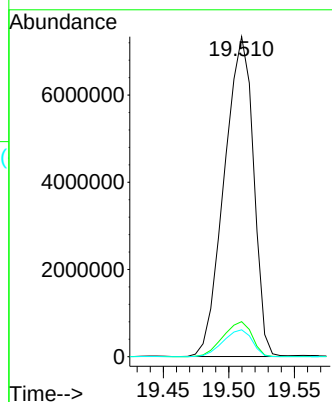
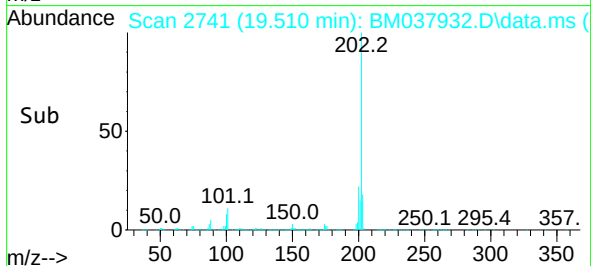
Instrument :
BNA_M
ClientSampleId :
DBXL5ME



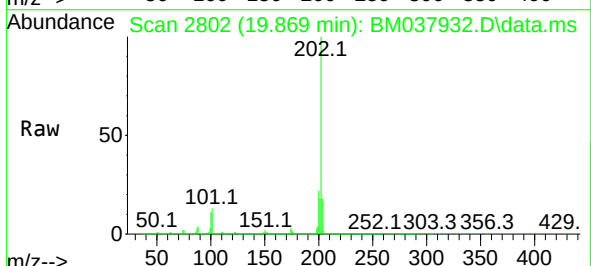
Tgt Ion:202 Resp:11380828
Ion Ratio Lower Upper
202 100
101 11.0 8.6 13.0
100 8.4 6.6 10.0

Manual Integrations
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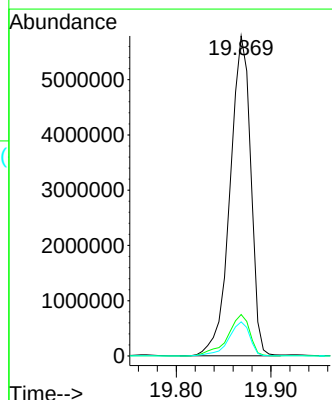
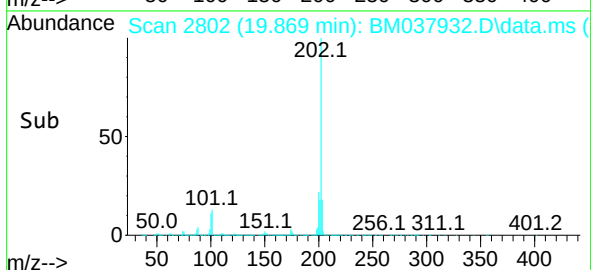
Reviewed By :Jagrut Upadhyay 12/12/2022
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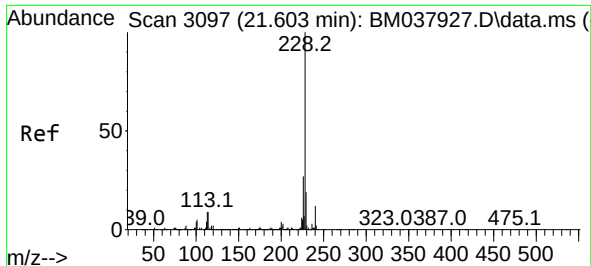


#82
Pyrene
Concen: 179.064 ng/u1
RT: 19.869 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21



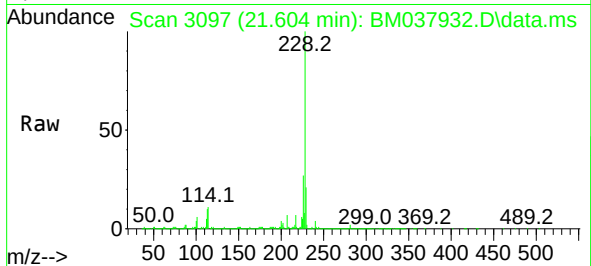
Tgt Ion:202 Resp: 8801435
Ion Ratio Lower Upper
202 100
101 13.0 10.0 15.0
100 10.7 7.9 11.9





#85
Benzo(a)anthracene
Concen: 52.405 ng/u1
RT: 21.604 min Scan# 3097
Delta R.T. 0.000 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

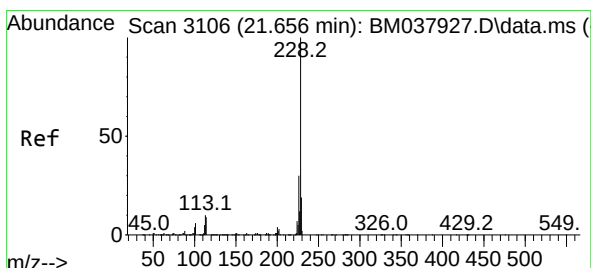
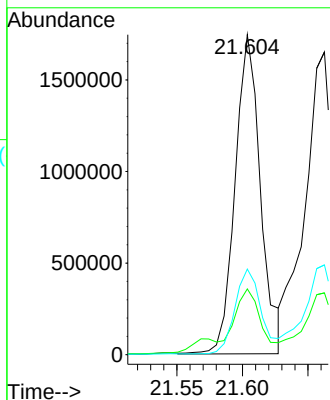
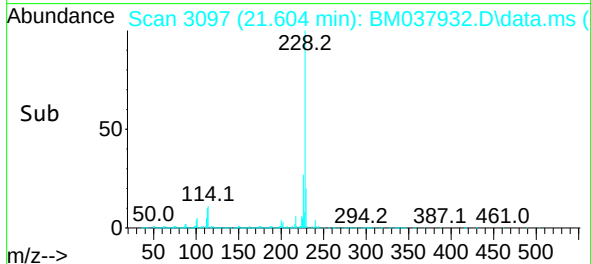
Instrument :
BNA_M
ClientSampleId :
DBXL5ME



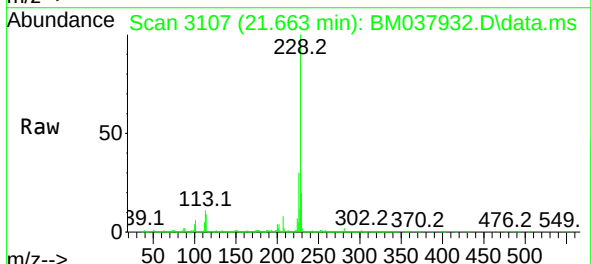
Tgt Ion:228 Resp: 235034
Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 26.7 21.8 32.8

Manual Integrations
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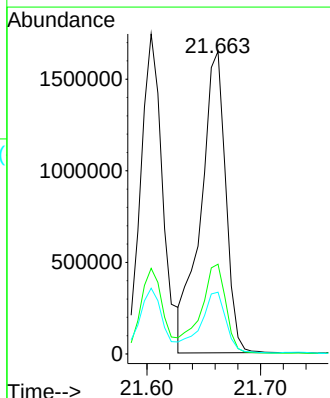
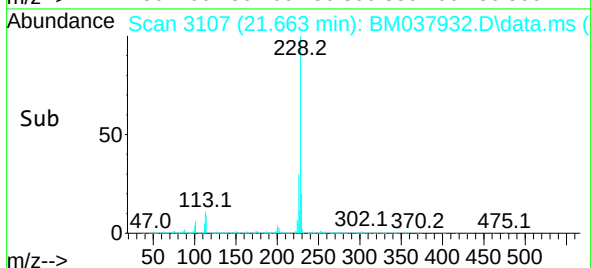
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

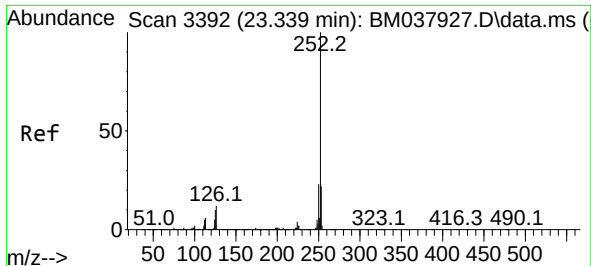


#87
Chrysene
Concen: 59.490 ng/u1
RT: 21.663 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21



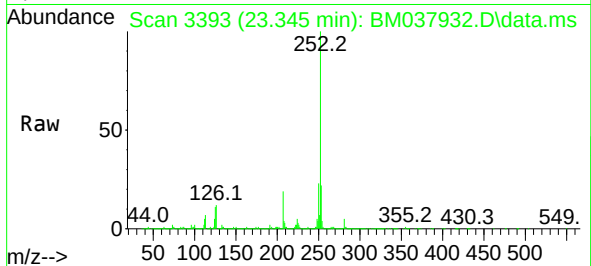
Tgt Ion:228 Resp: 2503365
Ion Ratio Lower Upper
228 100
226 29.7 24.3 36.5
229 20.4 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 44.679 ng/ul
RT: 23.345 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

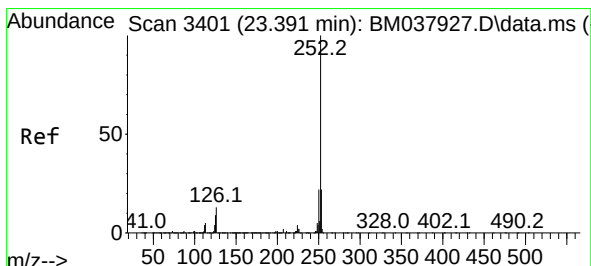
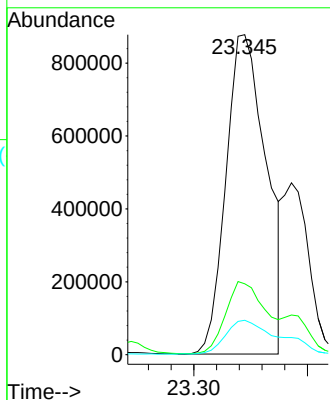
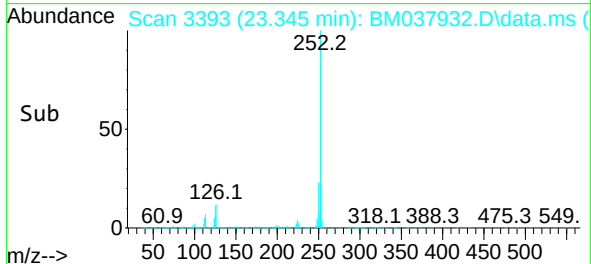
Instrument :
BNA_M
ClientSampleId :
DBXL5ME



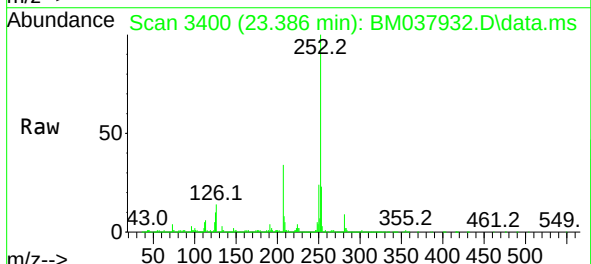
Tgt Ion:252 Resp: 216169
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 10.7 8.0 12.0

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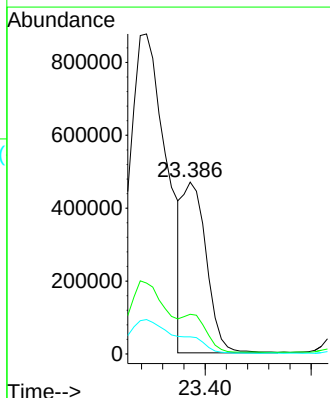
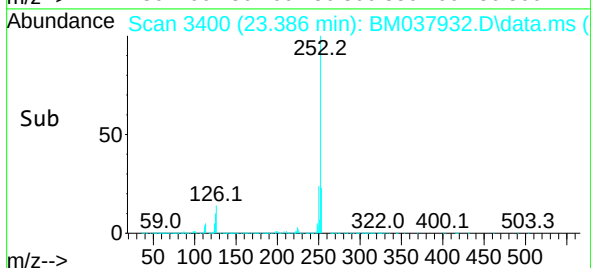
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

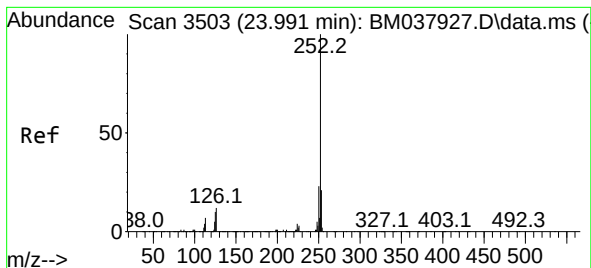


#91
Benzo(k)fluoranthene
Concen: 15.724 ng/ul m
RT: 23.386 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21



Tgt Ion:252 Resp: 737301
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.0 8.1 12.1





#93

Benzo(a)pyrene

Concen: 22.660 ng/u1

RT: 23.992 min Scan# 3503

Delta R.T. 0.000 min

Lab File: BM037932.D

Acq: 10 Dec 2022 13:21

Instrument :

BNA_M

ClientSampleId :

DBXL5ME

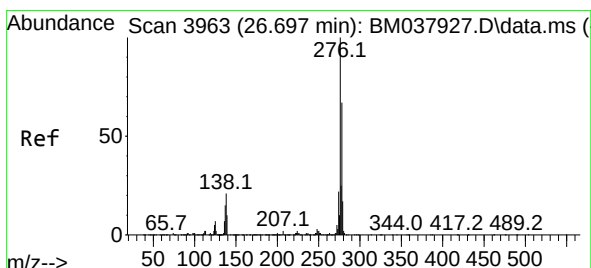
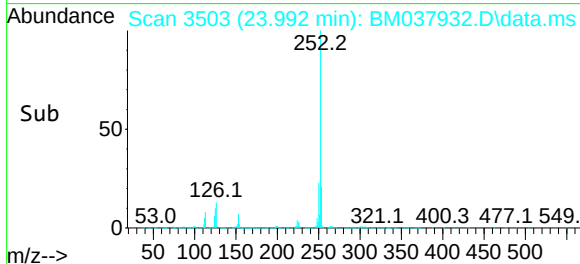
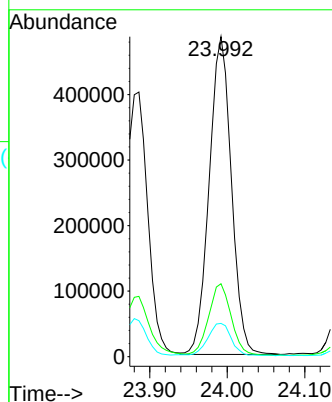
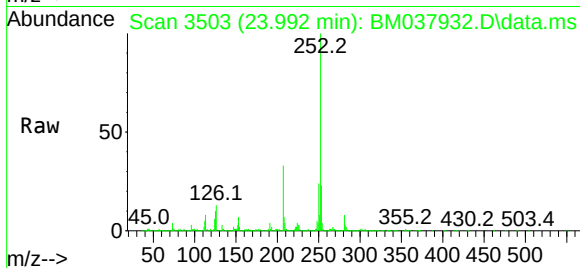
Tgt Ion:252 Resp: 964100

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	10.4	9.4	14.0

Manual Integrations

APPROVED

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



#94

Indeno(1,2,3-cd)pyrene

Concen: 9.230 ng/u1

RT: 26.692 min Scan# 3962

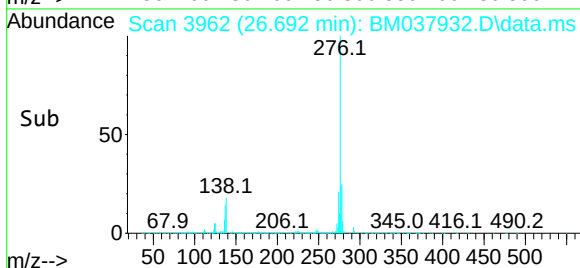
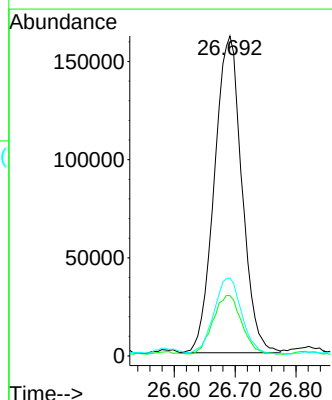
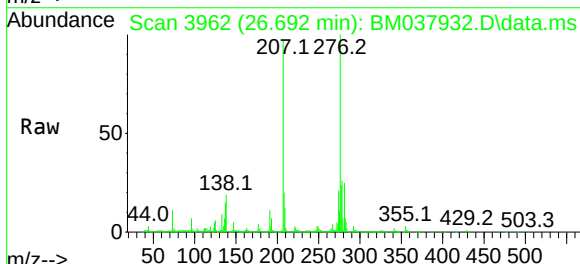
Delta R.T. -0.011 min

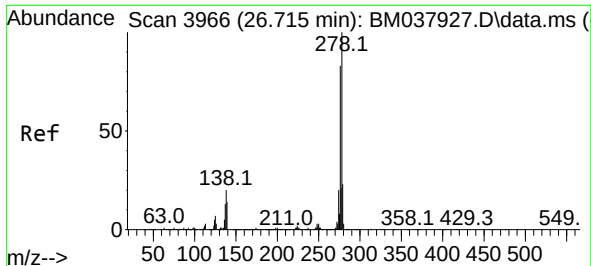
Lab File: BM037932.D

Acq: 10 Dec 2022 13:21

Tgt Ion:276 Resp: 505790

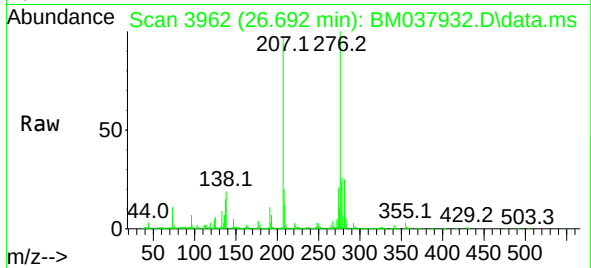
Ion	Ratio	Lower	Upper
276	100		
138	18.9	19.3	28.9#
277	24.4	19.8	29.8





#95
Dibenzo(a,h)anthracene
Concen: 3.273 ng/ul m
RT: 26.692 min Scan# 3966
Delta R.T. -0.023 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21

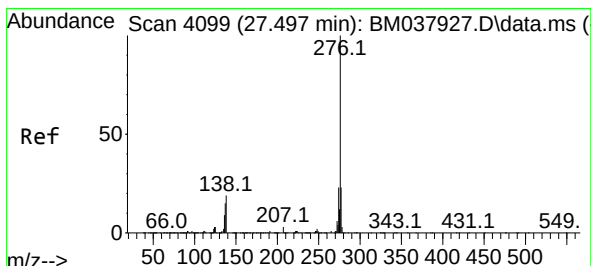
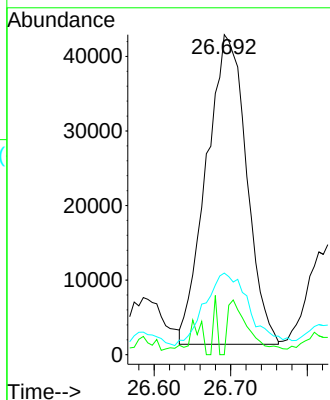
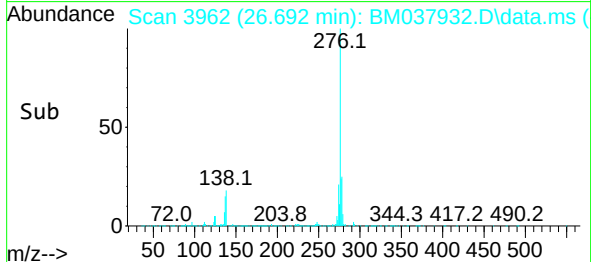
Instrument :
BNA_M
ClientSampleId :
DBXL5ME



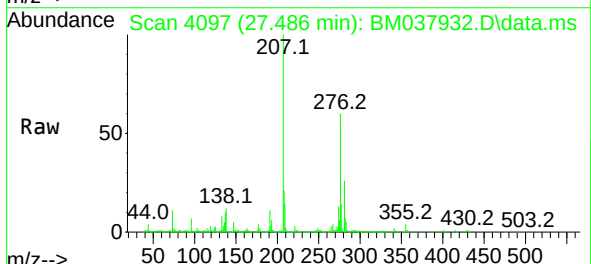
Tgt Ion: 278 Resp: 15120
Ion Ratio Lower Upper
278 100
139 0.0 12.4 18.6
279 25.5 19.8 29.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 7.720 ng/ul
RT: 27.486 min Scan# 4097
Delta R.T. -0.017 min
Lab File: BM037932.D
Acq: 10 Dec 2022 13:21



Tgt Ion: 276 Resp: 337759
Ion Ratio Lower Upper
276 100
138 20.1 17.1 25.7
277 23.8 18.2 27.4

