

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
 Data File : BM037937.D
 Acq On : 10 Dec 2022 16:41
 Operator : CG/JU
 Sample : N5896-13ME
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXN1ME

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 21:27:34 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	227991	20.000	ng/u1	0.00
20) Naphthalene-d8	10.898	136	848207	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	468407	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.451	188	925036	20.000	ng/u1	0.00
79) Chrysene-d12	21.621	240	870930	20.000	ng/u1	0.00
88) Perylene-d12	24.103	264	988297	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	24282	4.836	ng/uL	0.00
4) Pyridine-d5	3.857	84	207921	13.959	ng/u1	0.00
7) Phenol-d5	7.234	99	480409	25.931	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	308764	27.370	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	428000	28.161	ng/u1	0.00
15) 4-Methylphenol-d8	8.786	113	350352	24.226	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	206549	30.756	ng/u1	0.00
24) 2-Nitrophenol-d4	9.975	143	219172	31.142	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	368568	27.572	ng/u1	0.00
31) 4-Chloroaniline-d4	11.033	131	432399	23.433	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	1044905	31.290	ng/u1	0.00
49) Acenaphthylene-d8	14.404	160	1231050	30.162	ng/u1	0.00
54) 4-Nitrophenol-d4	14.898	143	124542	21.883	ng/u1	0.00
60) Fluorene-d10	15.698	176	931875	31.322	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	114354	23.122	ng/u1	0.00
73) Anthracene-d10	17.551	188	1340893	31.059	ng/u1	0.00
81) Pyrene-d10	19.833	212	1566649	29.945	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.944	264	1610743	32.630	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.951	128	64710	1.414	ng/u1#	96
36) 2-Methylnaphthalene	12.545	142	42986	1.448	ng/u1	99
37) 1-Methylnaphthalene	12.763	142	211769	6.976	ng/u1	99
50) Acenaphthylene	14.433	152	140152	3.123	ng/u1#	95
52) Acenaphthene	14.774	153	2254853	72.641	ng/u1	100
61) Fluorene	15.757	166	2673324	77.349	ng/u1	98
72) Phenanthrene	17.498	178	9603986	190.117	ng/u1	97
74) Anthracene	17.592	178	8103437	157.847	ng/u1	99
80) Fluoranthene	19.509	202	9383568	151.976	ng/u1	99
82) Pyrene	19.868	202	7079410	110.169	ng/u1	99
85) Benzo(a)anthracene	21.603	228	1954923	33.341	ng/u1	99
87) Chrysene	21.662	228	2157168	39.212	ng/u1	98
90) Benzo(b)fluoranthene	23.344	252	1900536	31.019	ng/u1	99
91) Benzo(k)fluoranthene	23.386	252	510634m	8.599	ng/u1	
93) Benzo(a)pyrene	23.991	252	810965	15.051	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.691	276	381142	5.493	ng/u1	95
95) Dibenzo(a,h)anthracene	26.697	278	104104m	1.780	ng/u1	
96) Benzo(g,h,i)perylene	27.497	276	254257	4.589	ng/u1	97

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

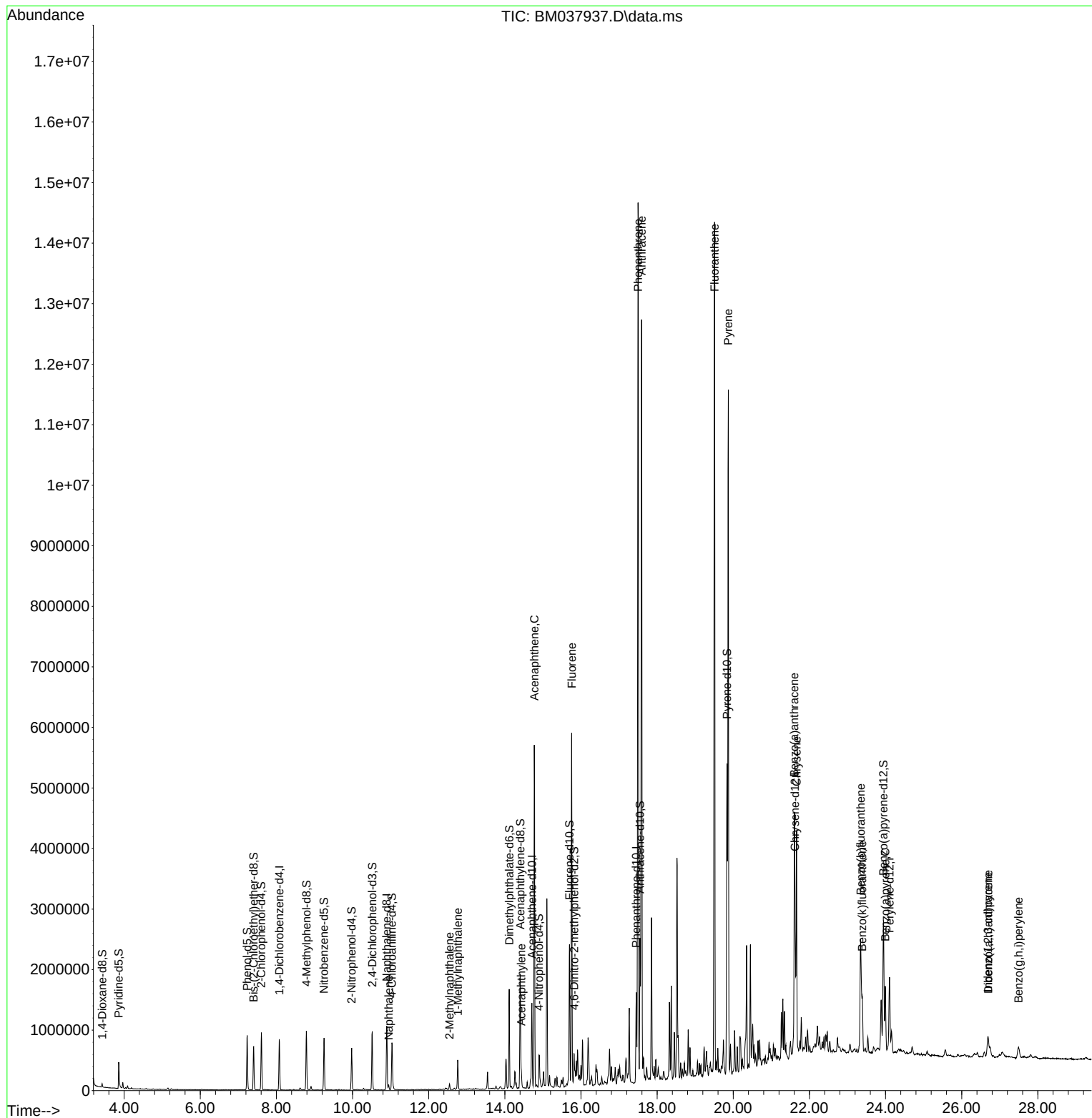
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037937.D
Acq On : 10 Dec 2022 16:41
Operator : CG/JU
Sample : N5896-13ME
Misc :
ALS Vial : 12 Sample Multiplier: 1

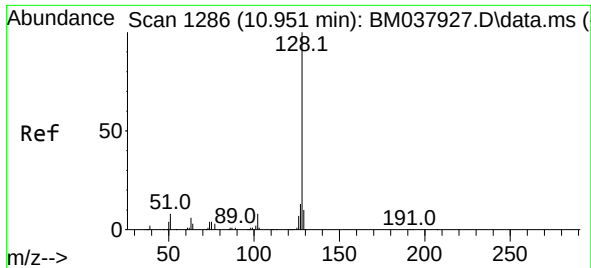
Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Quant Time: Dec 11 21:27:34 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
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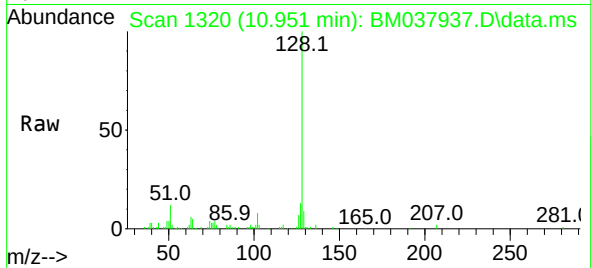
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022





#30
Naphthalene
Concen: 1.414 ng/ul
RT: 10.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

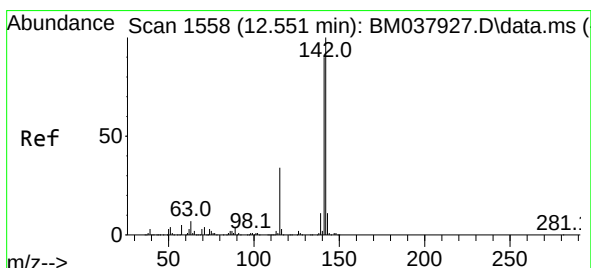
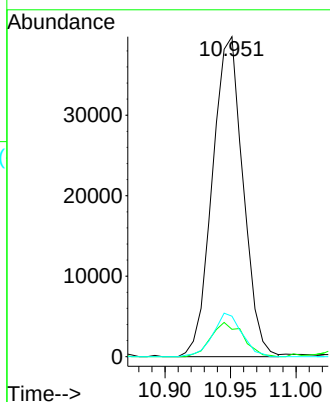
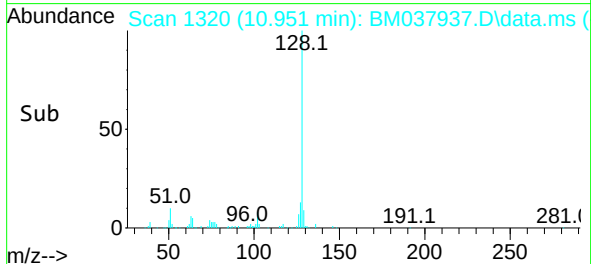
Instrument :
BNA_M
ClientSampleId :
DBXN1ME



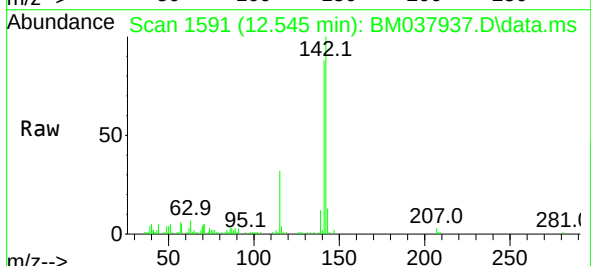
Tgt Ion:128 Resp: 64710
Ion Ratio Lower Upper
128 100
129 8.6 9.0 13.4
127 12.6 10.4 15.6

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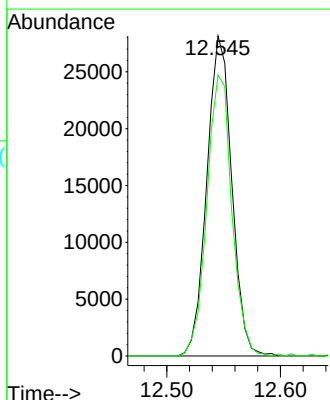
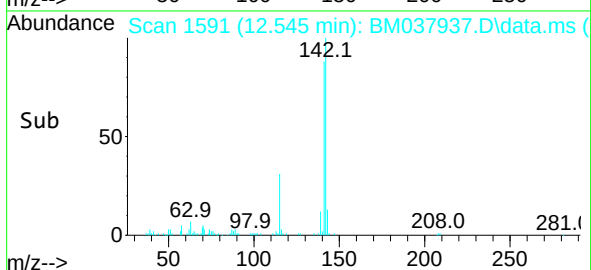
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

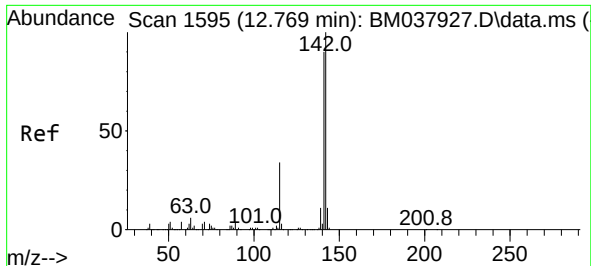


#36
2-Methylnaphthalene
Concen: 1.448 ng/ul
RT: 12.545 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41



Tgt Ion:142 Resp: 42986
Ion Ratio Lower Upper
142 100
141 87.8 69.4 104.0





#37

1-Methylnaphthalene

Concen: 6.976 ng/ul

RT: 12.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037937.D

Acq: 10 Dec 2022 16:41

Instrument :

BNA_M

ClientSampleId :

DBXN1ME

Tgt Ion:142 Resp: 211769

Ion Ratio Lower Upper

142 100

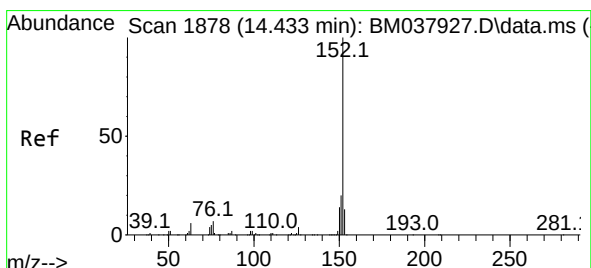
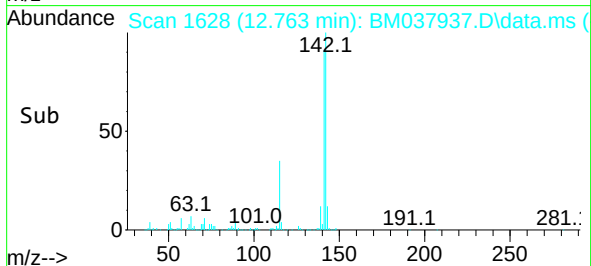
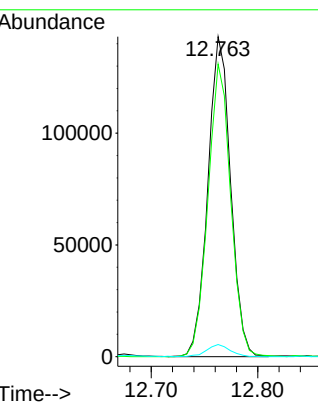
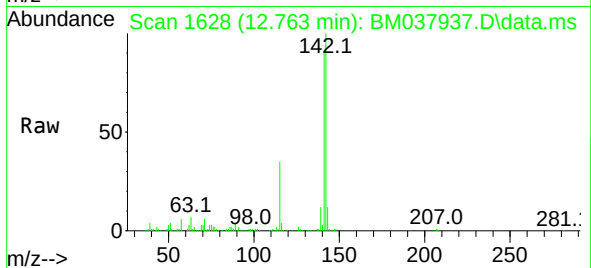
141 91.4 72.4 108.6

116 3.8 2.9 4.3

Manual Integrations

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#50

Acenaphthylene

Concen: 3.123 ng/ul

RT: 14.433 min Scan# 1912

Delta R.T. -0.006 min

Lab File: BM037937.D

Acq: 10 Dec 2022 16:41

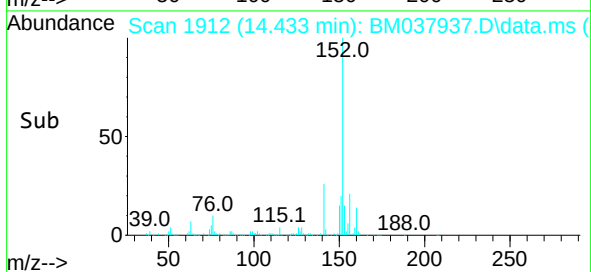
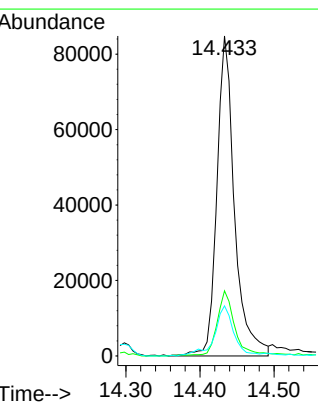
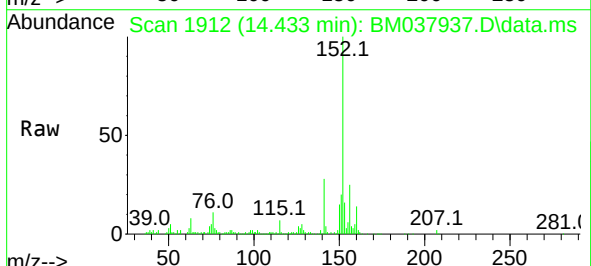
Tgt Ion:152 Resp: 140152

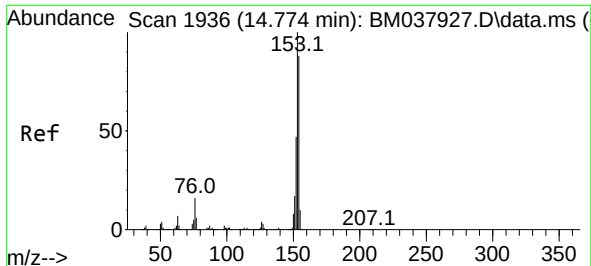
Ion Ratio Lower Upper

152 100

151 20.4 15.3 22.9

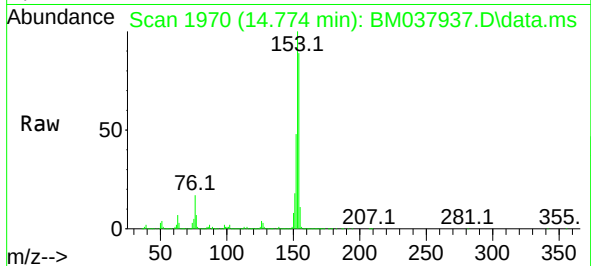
153 15.7 10.2 15.4#





#52
Acenaphthene
Concen: 72.641 ng/u1
RT: 14.774 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

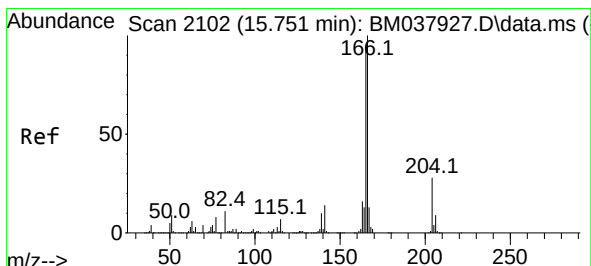
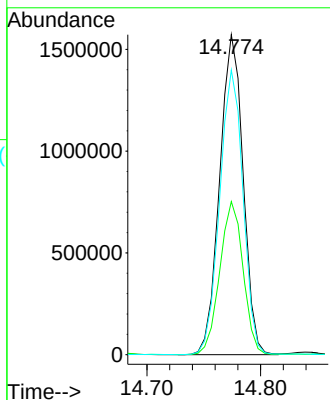
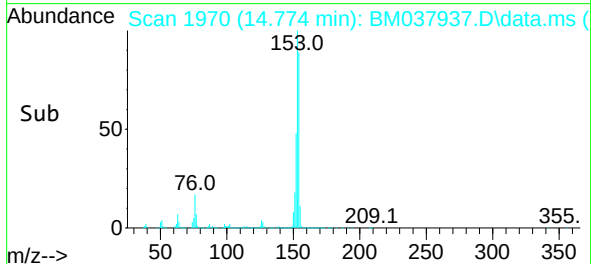
Instrument :
BNA_M
ClientSampleId :
DBXN1ME



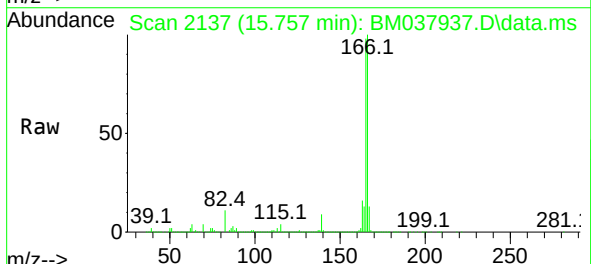
Tgt Ion:153 Resp: 225485
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 88.9 71.4 107.0

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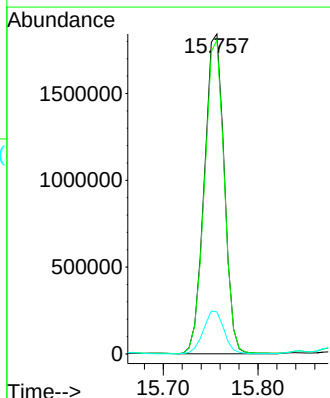
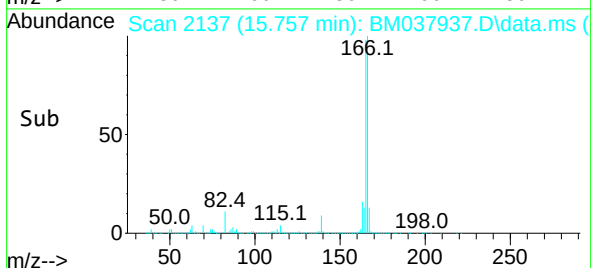
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

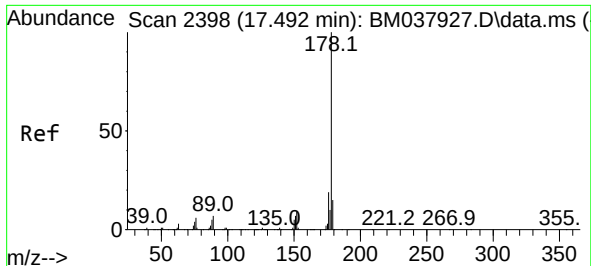


#61
Fluorene
Concen: 77.349 ng/u1
RT: 15.757 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41



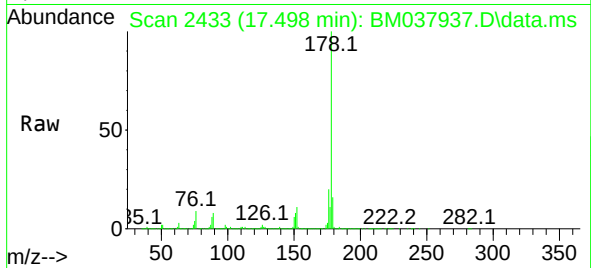
Tgt Ion:166 Resp: 2673324
Ion Ratio Lower Upper
166 100
165 98.1 77.2 115.8
167 13.2 10.4 15.6





#72
Phenanthrene
Concen: 190.117 ng/ul
RT: 17.498 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

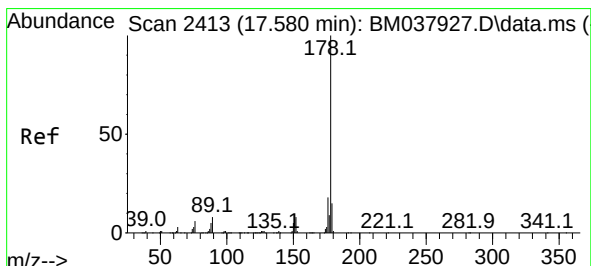
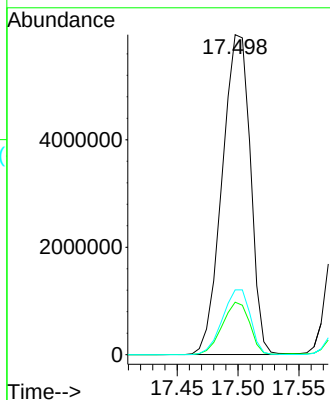
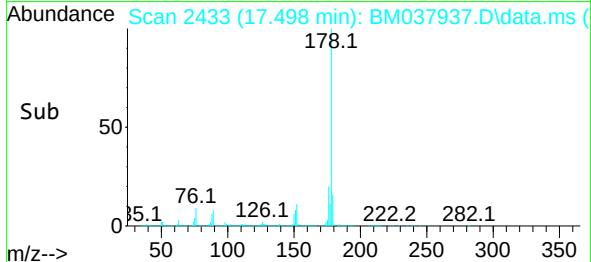
Instrument :
BNA_M
ClientSampleId :
DBXN1ME



Tgt Ion:178 Resp: 960398
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.2
176 20.3 15.4 23.0

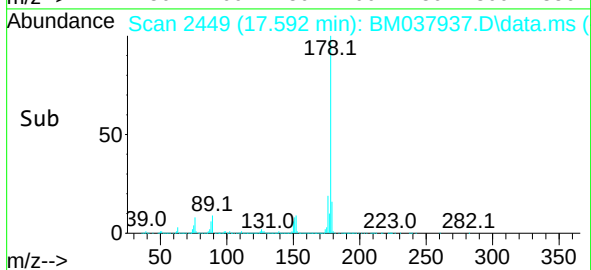
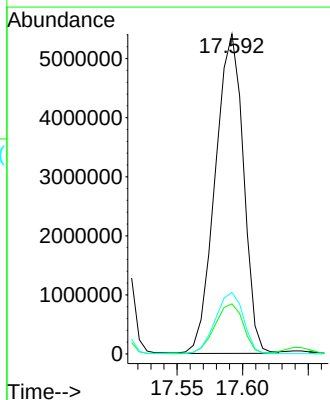
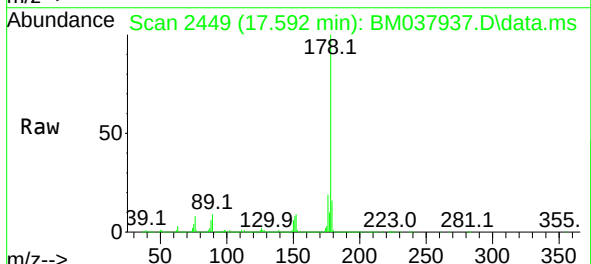
Manual Integrations
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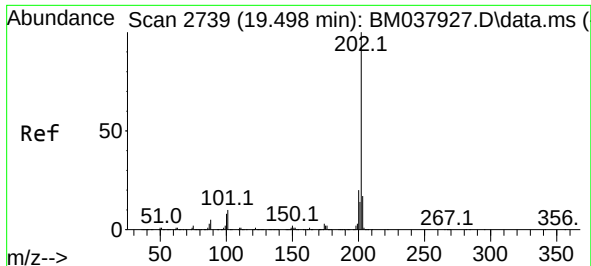
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#74
Anthracene
Concen: 157.847 ng/ul
RT: 17.592 min Scan# 2449
Delta R.T. 0.006 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

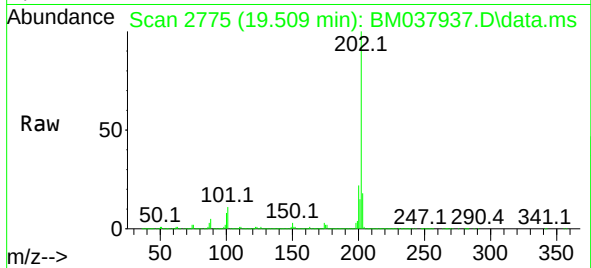
Tgt Ion:178 Resp: 8103437
Ion Ratio Lower Upper
178 100
179 15.6 11.8 17.8
176 19.3 15.0 22.6





#80
Fluoranthene
Concen: 151.976 ng/u1
RT: 19.509 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

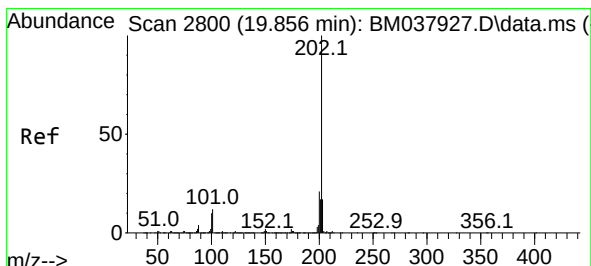
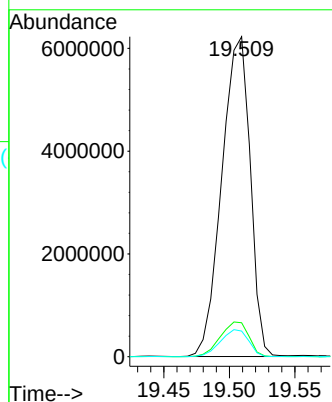
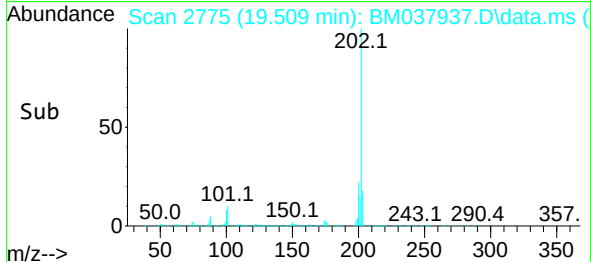
Instrument :
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DBXN1ME



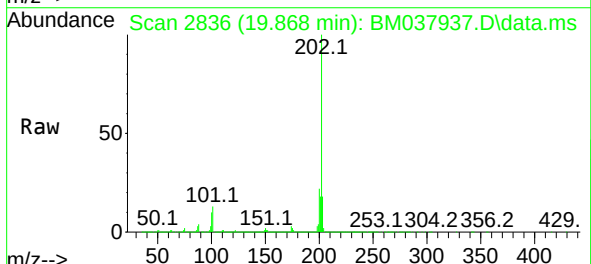
Tgt Ion:202 Resp: 938356
Ion Ratio Lower Upper
202 100
101 10.6 8.6 13.0
100 8.0 6.6 10.0

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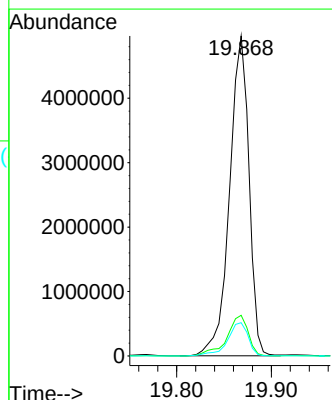
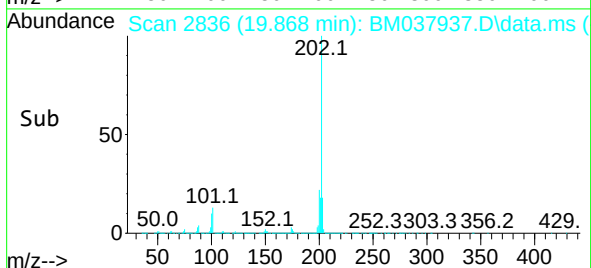
Reviewed By :Jagrut Upadhyay 12/12/2022
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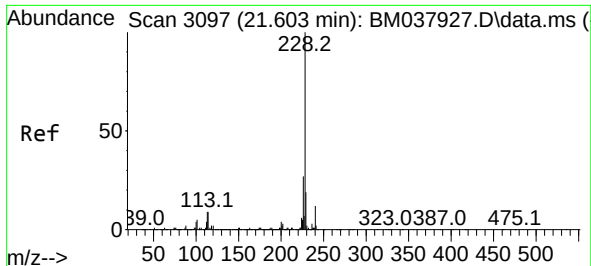


#82
Pyrene
Concen: 110.169 ng/u1
RT: 19.868 min Scan# 2836
Delta R.T. 0.006 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41



Tgt Ion:202 Resp: 7079410
Ion Ratio Lower Upper
202 100
101 12.7 10.0 15.0
100 10.4 7.9 11.9





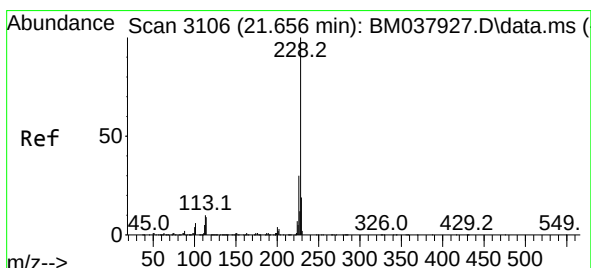
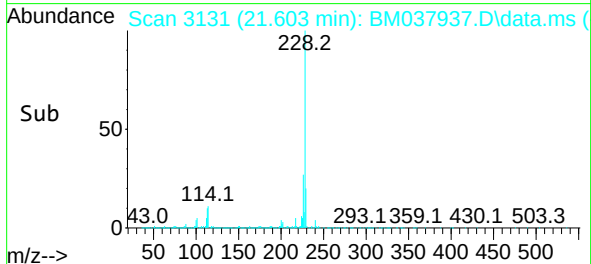
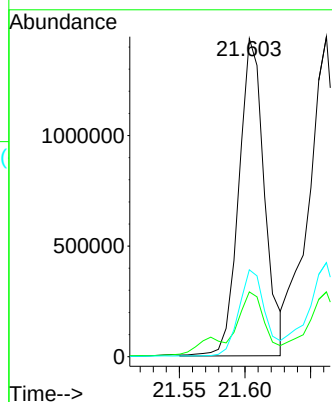
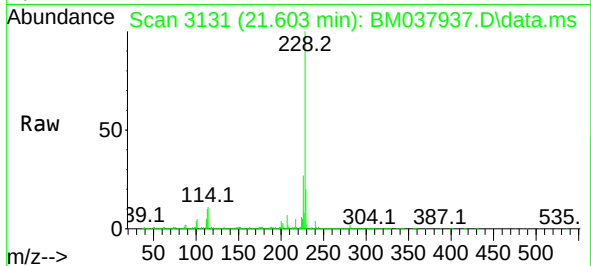
#85
Benzo(a)anthracene
Concen: 33.341 ng/ul
RT: 21.603 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

Instrument :
BNA_M
ClientSampleId :
DBXN1ME

Tgt Ion:228 Resp: 195492
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 27.3 21.8 32.8

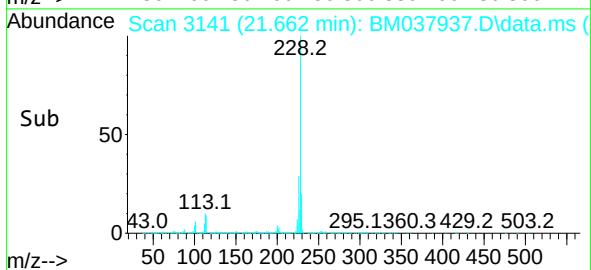
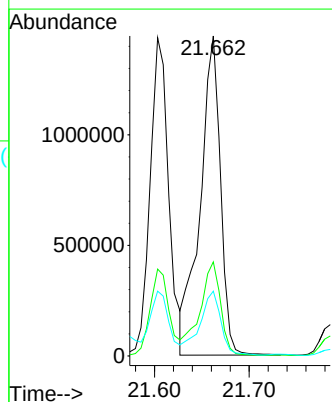
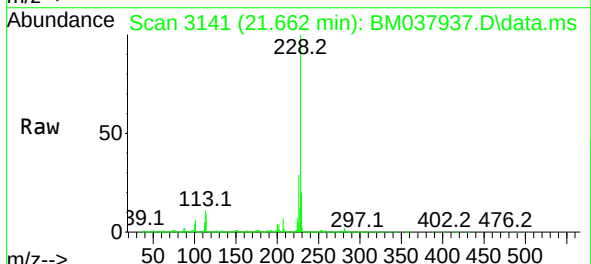
Manual Integrations
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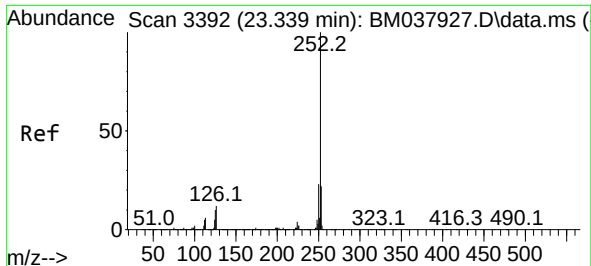
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022



#87
Chrysene
Concen: 39.212 ng/ul
RT: 21.662 min Scan# 3141
Delta R.T. -0.000 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

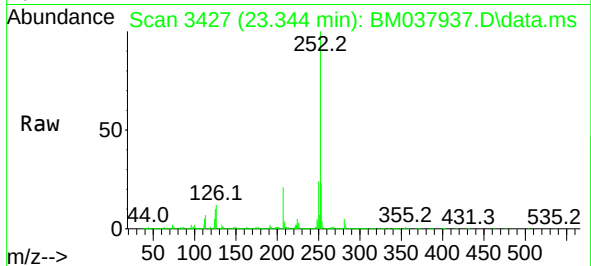
Tgt Ion:228 Resp: 2157168
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 20.2 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 31.019 ng/ul
RT: 23.344 min Scan# 3434
Delta R.T. -0.000 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

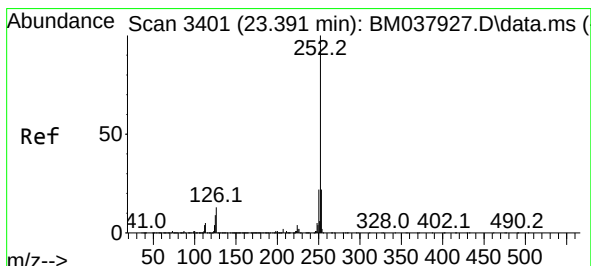
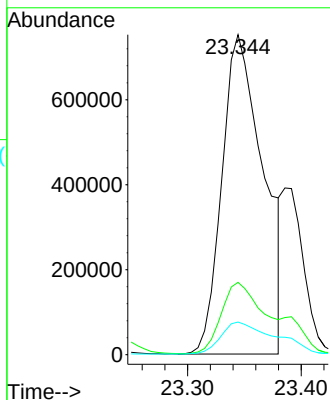
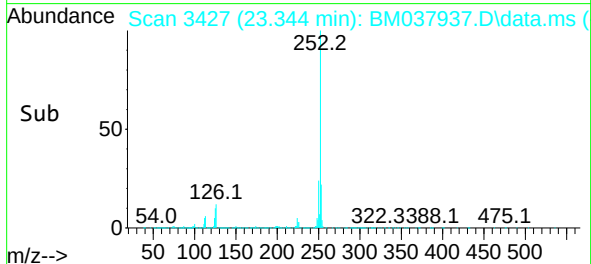
Instrument :
BNA_M
ClientSampleId :
DBXN1ME



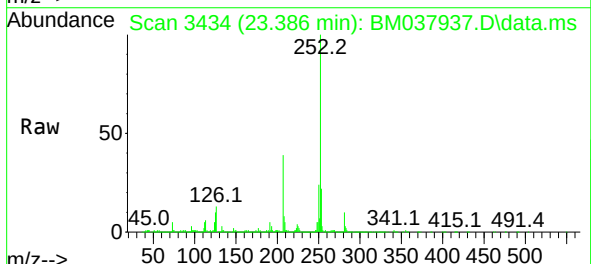
Tgt Ion:252 Resp: 1900530
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.2 8.0 12.0

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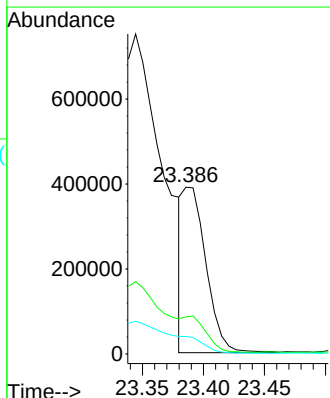
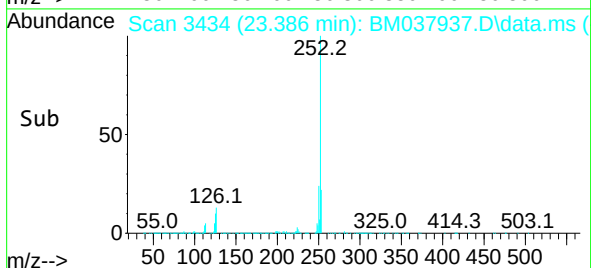
Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

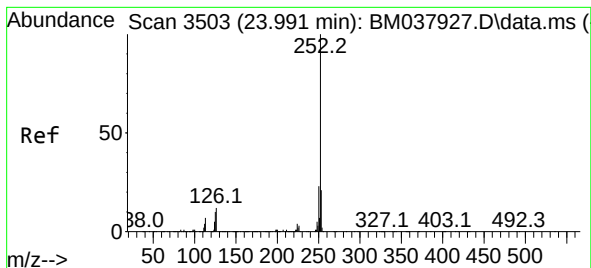


#91
Benzo(k)fluoranthene
Concen: 8.599 ng/ul m
RT: 23.386 min Scan# 3434
Delta R.T. -0.006 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41



Tgt Ion:252 Resp: 510634
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 10.5 8.1 12.1





#93

Benzo(a)pyrene

Concen: 15.051 ng/ul

RT: 23.991 min Scan# 3503

Delta R.T. -0.000 min

Lab File: BM037937.D

Acq: 10 Dec 2022 16:41

Instrument :

BNA_M

ClientSampleId :

DBXN1ME

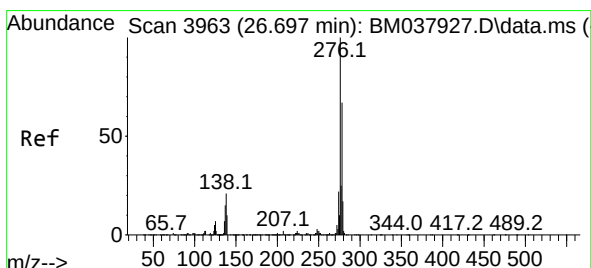
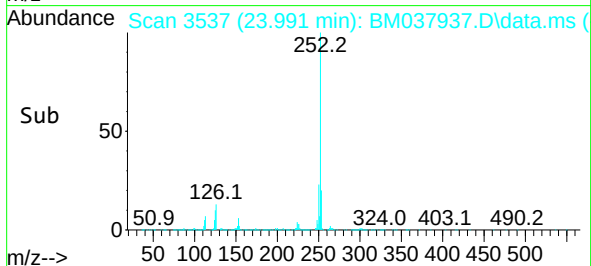
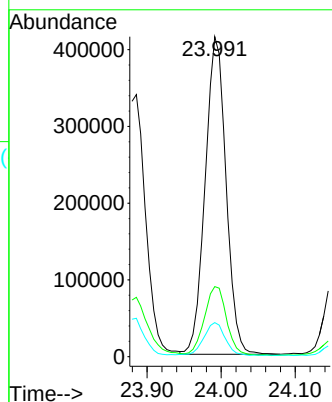
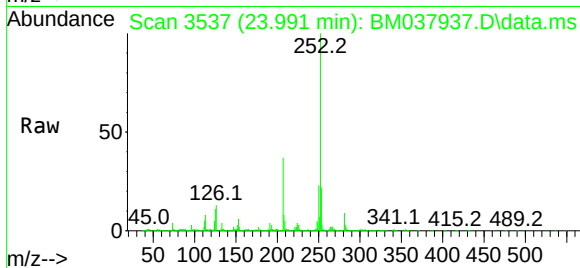
Tgt Ion:252 Resp: 81096

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.6	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: 5.493 ng/ul

RT: 26.691 min Scan# 3996

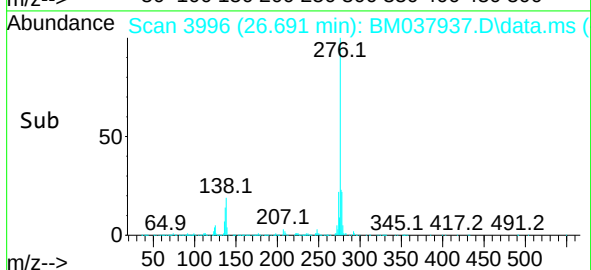
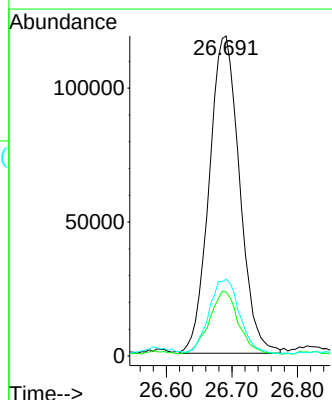
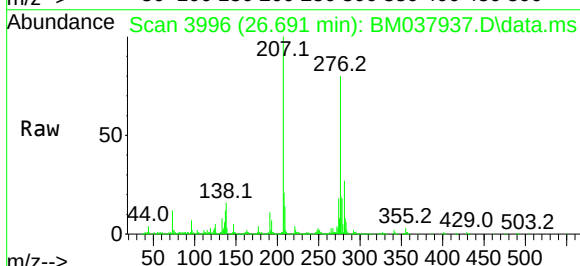
Delta R.T. -0.012 min

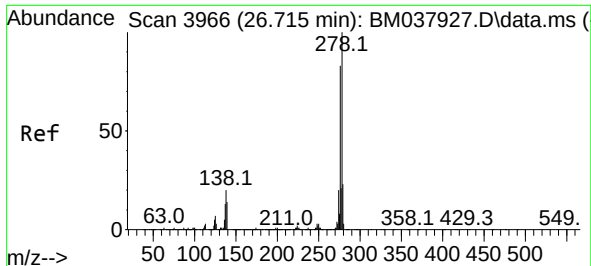
Lab File: BM037937.D

Acq: 10 Dec 2022 16:41

Tgt Ion:276 Resp: 381142

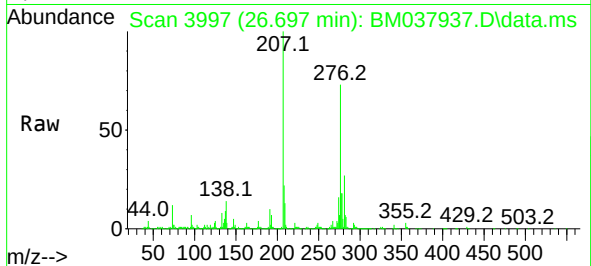
Ion	Ratio	Lower	Upper
276	100		
138	20.0	19.3	28.9
277	24.0	19.8	29.8





#95
Dibenzo(a,h)anthracene
Concen: 1.780 ng/ul m
RT: 26.697 min Scan# 3966
Delta R.T. -0.018 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41

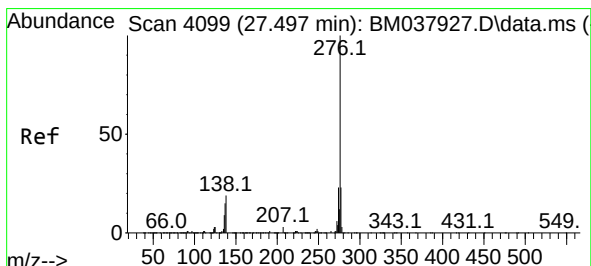
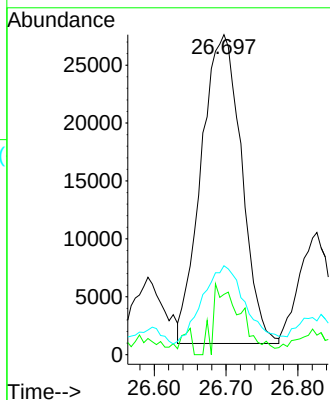
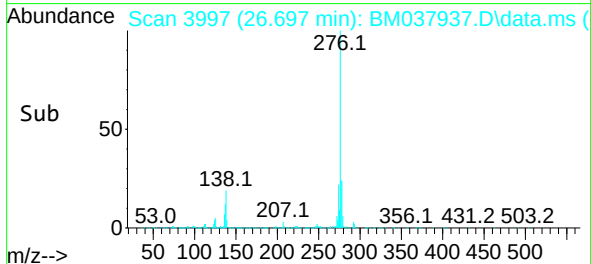
Instrument :
BNA_M
ClientSampleId :
DBXN1ME



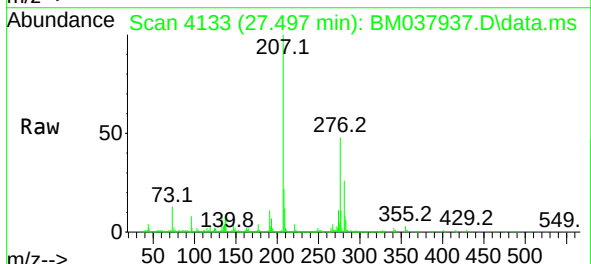
Tgt Ion:278 Resp: 104104
Ion Ratio Lower Upper
278 100
139 18.9 12.4 18.6
279 27.8 19.8 29.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 4.589 ng/ul
RT: 27.497 min Scan# 4133
Delta R.T. -0.006 min
Lab File: BM037937.D
Acq: 10 Dec 2022 16:41



Tgt Ion:276 Resp: 254257
Ion Ratio Lower Upper
276 100
138 18.9 17.1 25.7
277 22.5 18.2 27.4

