

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037886.D
 Acq On : 08 Dec 2022 14:45
 Operator : CG/JU
 Sample : N5832-20 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 08 22:39:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	316509	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	1298063	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	750471	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	1295617	20.000	ng/u1	0.01
79) Chrysene-d12	21.639	240	837741	20.000	ng/u1	0.01
88) Perylene-d12	24.121	264	1043291	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	2540m	0.364	ng/uL	0.00
4) Pyridine-d5	3.887	84	16352	0.791	ng/u1	0.02
7) Phenol-d5	7.240	99	52063	2.024	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	29240	1.867	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	42837	2.030	ng/u1	0.00
15) 4-Methylphenol-d8	8.798	113	42940	2.139	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	21247	2.067	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	22665	2.104	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	42165	2.061	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	36603	1.296	ng/u1	0.00
46) Dimethylphthalate-d6	14.127	166	134635	2.516	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	149373	2.284	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	16811	1.844	ng/u1	0.01
60) Fluorene-d10	15.710	176	118962	2.496	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	6552	0.946	ng/u1	0.02
73) Anthracene-d10	17.580	188	134055	2.217	ng/u1	0.02
81) Pyrene-d10	19.845	212	131424	2.612	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	126662	2.431	ng/u1	0.02
Target Compounds					Qvalue	
30) Naphthalene	10.963	128	1558742	22.252	ng/u1	100
36) 2-Methylnaphthalene	12.557	142	1473653	32.435	ng/u1	96
37) 1-Methylnaphthalene	12.775	142	1006739	21.670	ng/u1	99
50) Acenaphthylene	14.445	152	448184	6.233	ng/u1#	95
52) Acenaphthene	14.792	153	8214100	165.163	ng/u1	100
61) Fluorene	15.780	166	12880473	232.609	ng/u1	100
72) Phenanthrene	17.515	178	26094485m	368.808	ng/u1	
74) Anthracene	17.615	178	33135038m	460.826	ng/u1	
80) Fluoranthene	19.521	202	22241382m	374.491	ng/u1	
82) Pyrene	19.886	202	18864308	305.196	ng/u1	96
85) Benzo(a)anthracene	21.621	228	6056334	107.382	ng/u1	98
87) Chrysene	21.680	228	6925402	130.873	ng/u1	98
90) Benzo(b)fluoranthene	23.368	252	6210760	96.023	ng/u1	98
91) Benzo(k)fluoranthene	23.409	252	1926528m	30.734	ng/u1	
93) Benzo(a)pyrene	24.015	252	2812548	49.449	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.721	276	1432266	19.552	ng/u1	97
95) Dibenzo(a,h)anthracene	26.727	278	398716	6.457	ng/u1#	94
96) Benzo(g,h,i)perylene	27.527	276	1006662	17.212	ng/u1	99

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

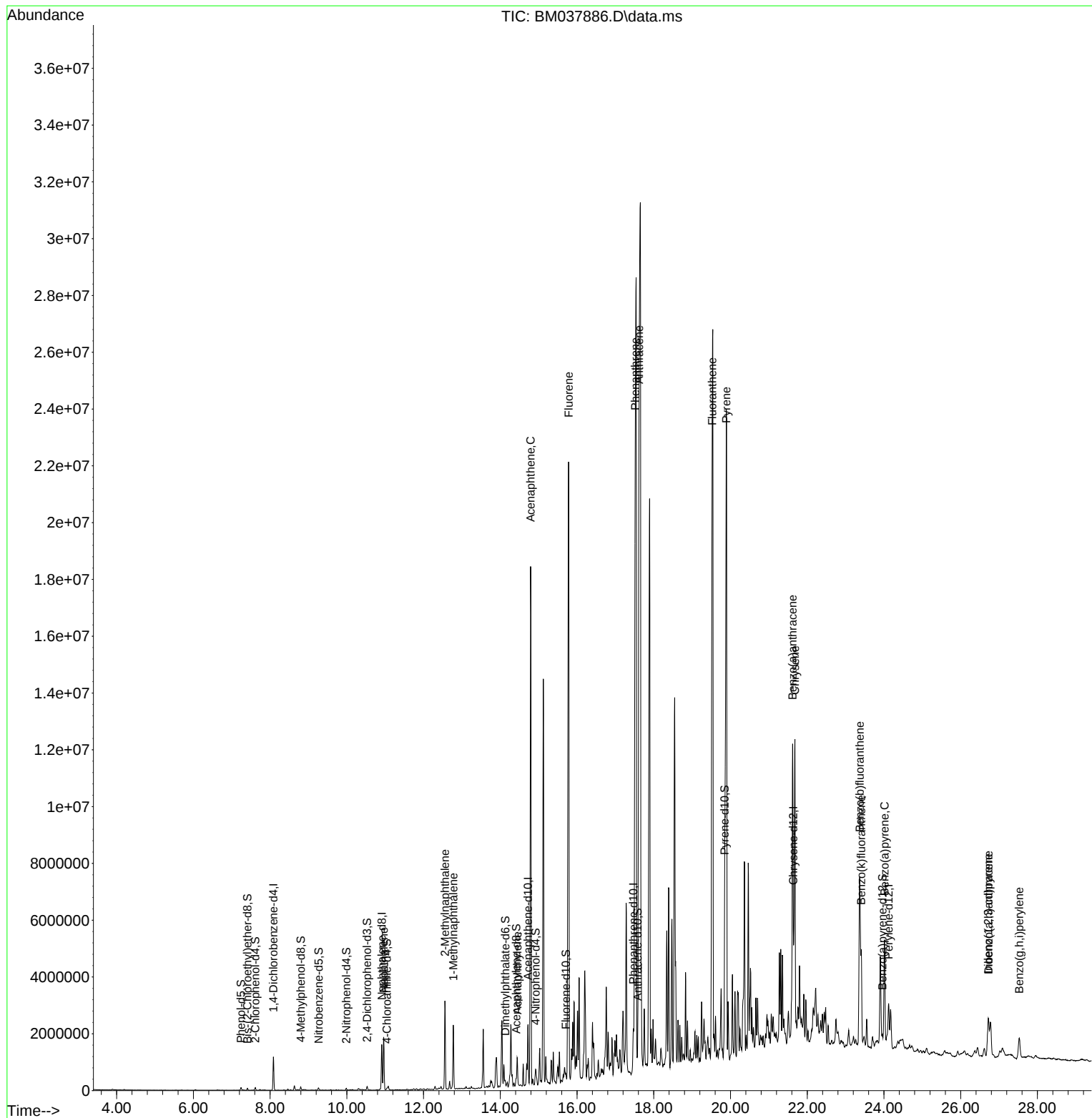
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037886.D
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Sample : N5832-20 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

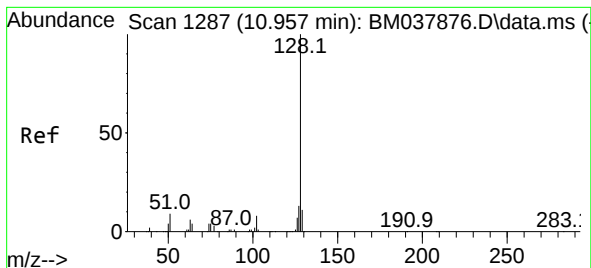
Instrument :
BNA_M
ClientSampleId :
DBXL5

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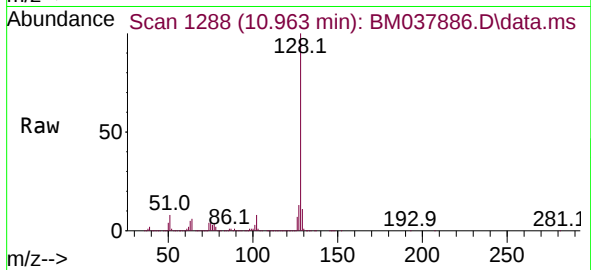
Quant Time: Dec 08 22:39:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration





#30
Naphthalene
Concen: 22.252 ng/ul
RT: 10.963 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

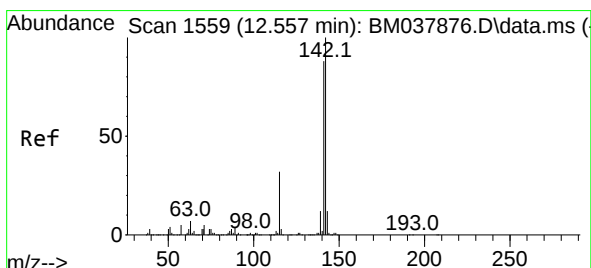
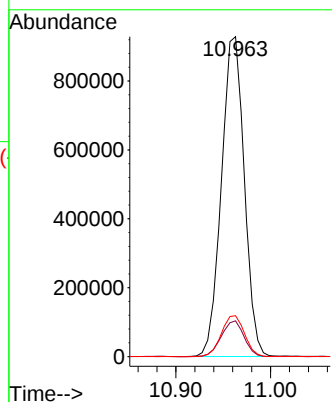
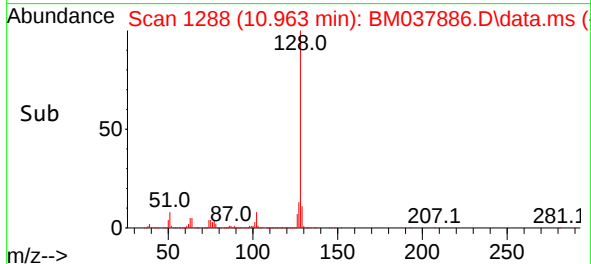
Instrument :
BNA_M
ClientSampleId :
DBXL5



Tgt Ion:128 Resp: 1558742
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.8 10.4 15.6

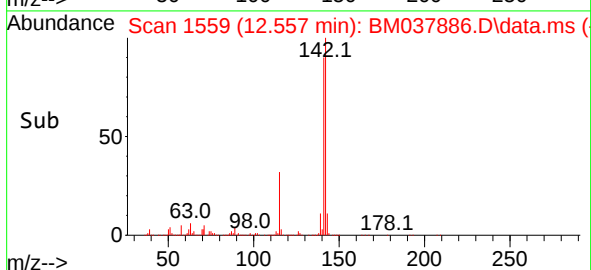
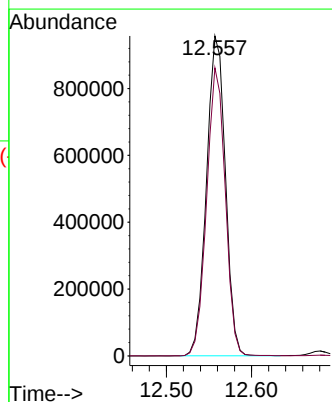
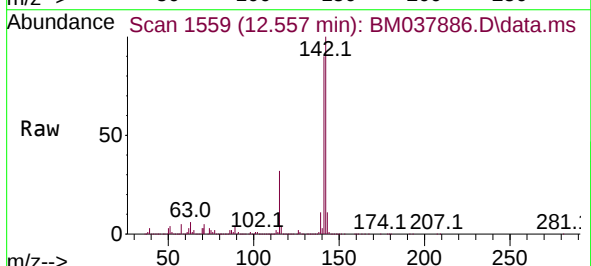
Manual Integrations
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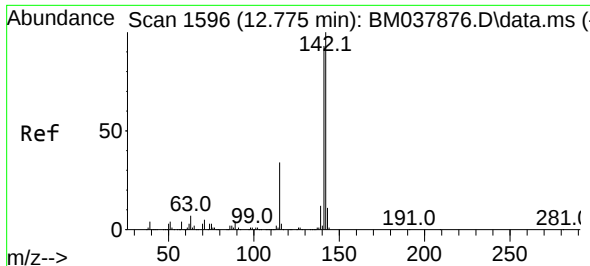
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#36
2-Methylnaphthalene
Concen: 32.435 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

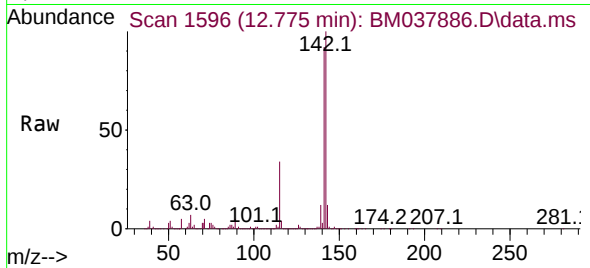
Tgt Ion:142 Resp: 1473653
Ion Ratio Lower Upper
142 100
141 90.0 69.4 104.0





#37
1-Methylnaphthalene
Concen: 21.670 ng/ul
RT: 12.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

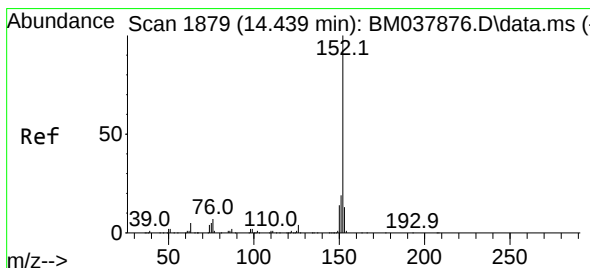
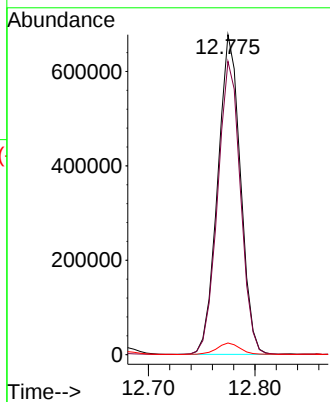
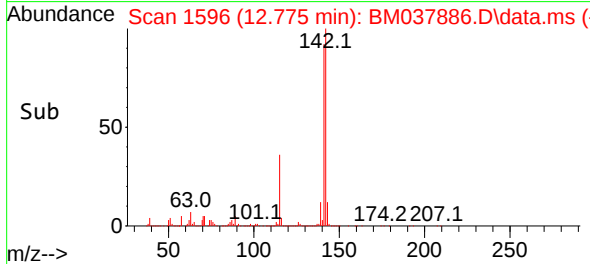
Instrument :
BNA_M
ClientSampleId :
DBXL5



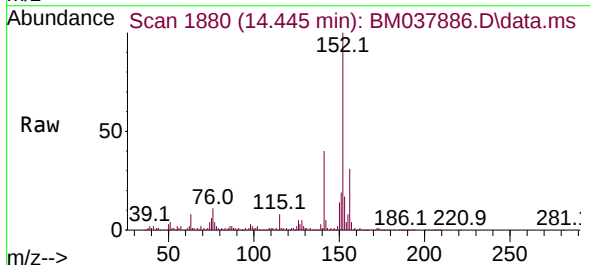
Tgt Ion:142 Resp: 1006739
Ion Ratio Lower Upper
142 100
141 91.6 72.4 108.6
116 3.6 2.9 4.3

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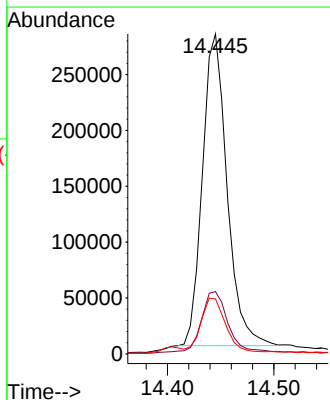
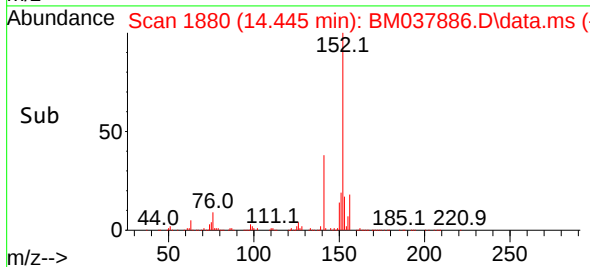
Reviewed By :Jagrut Upadhyay 12/09/2022
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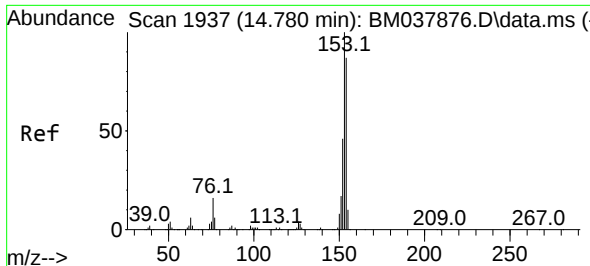


#50
Acenaphthylene
Concen: 6.233 ng/ul
RT: 14.445 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45



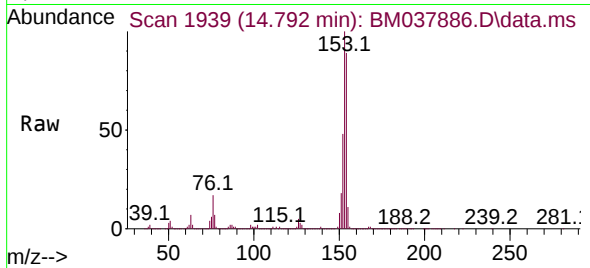
Tgt Ion:152 Resp: 448184
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 17.2 10.2 15.4#





#52
Acenaphthene
Concen: 165.163 ng/ul
RT: 14.792 min Scan# 1939
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

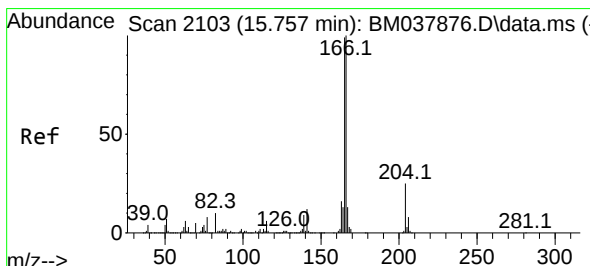
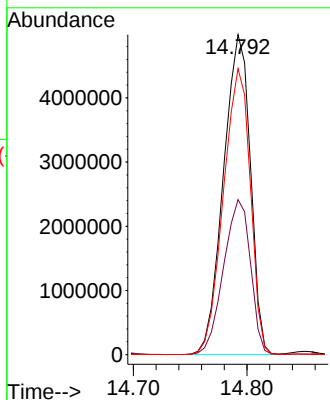
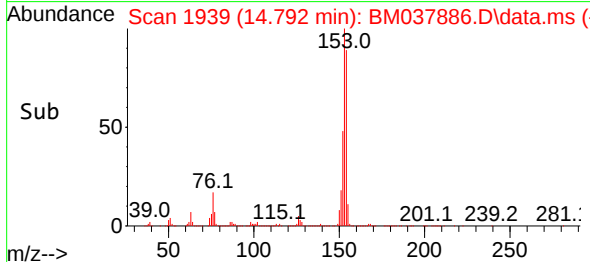
Instrument :
BNA_M
ClientSampleId :
DBXL5



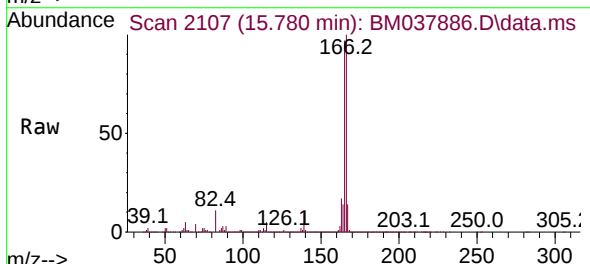
Tgt Ion:153 Resp: 8214100
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.4
154 89.4 71.4 107.0

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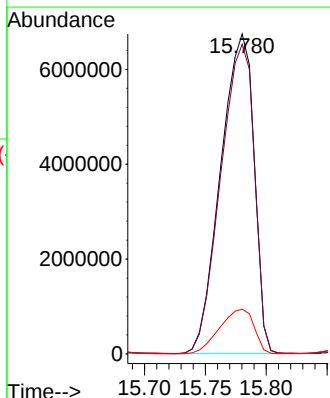
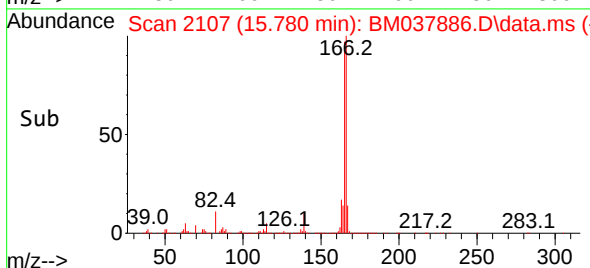
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

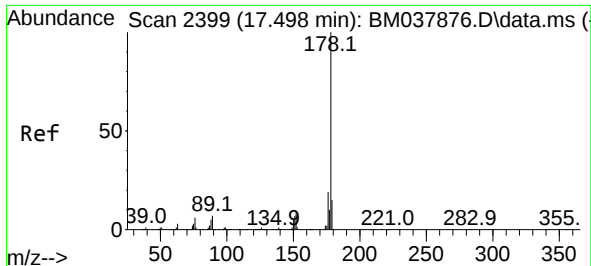


#61
Fluorene
Concen: 232.609 ng/ul
RT: 15.780 min Scan# 2107
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45



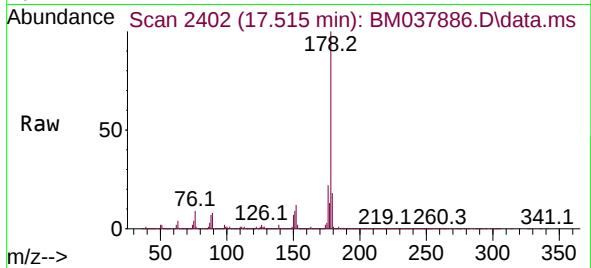
Tgt Ion:166 Resp:12880473
Ion Ratio Lower Upper
166 100
165 96.7 77.2 115.8
167 14.0 10.4 15.6





#72
Phenanthrene
Concen: 368.808 ng/ul m
RT: 17.515 min Scan# 2419
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

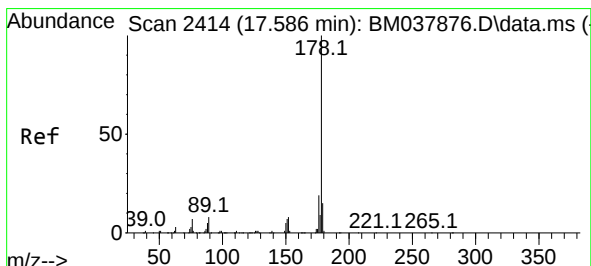
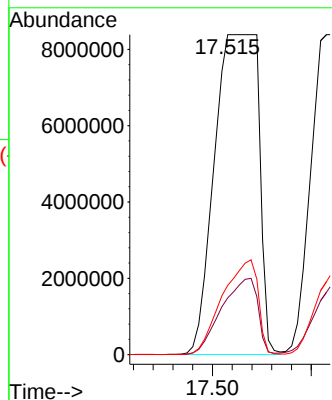
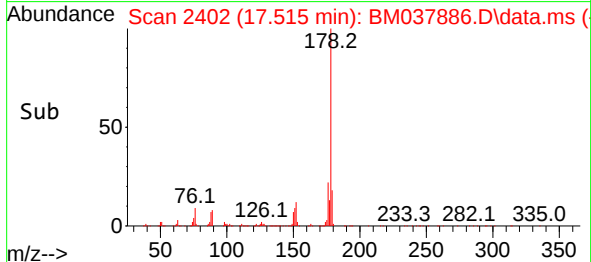
Instrument :
BNA_M
ClientSampleId :
DBXL5



Tgt Ion:178 Resp:26094485
Ion Ratio Lower Upper
178 100
179 17.7 12.2 18.2
176 21.6 15.4 23.0

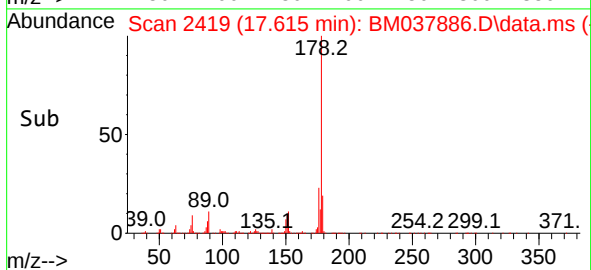
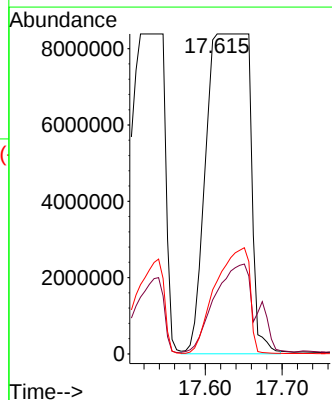
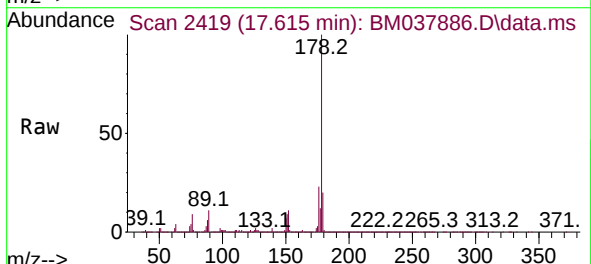
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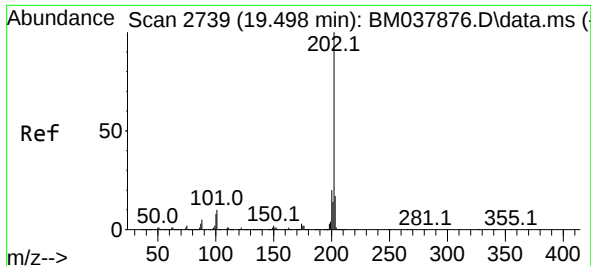
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#74
Anthracene
Concen: 460.826 ng/ul m
RT: 17.615 min Scan# 2419
Delta R.T. 0.024 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:178 Resp:33135038
Ion Ratio Lower Upper
178 100
179 19.5 11.8 17.8#
176 22.8 15.0 22.6#





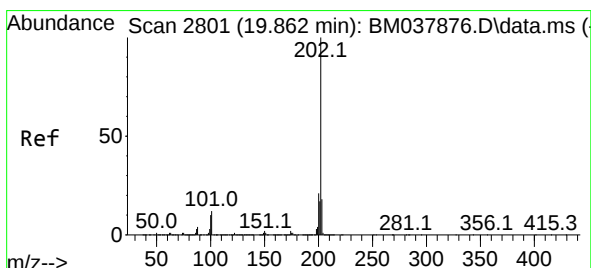
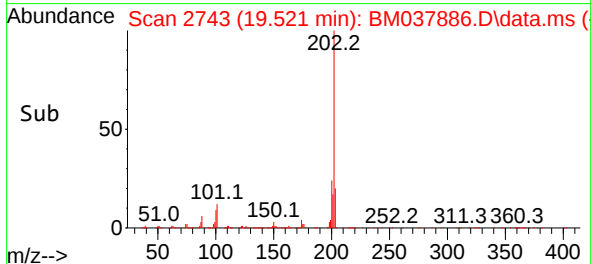
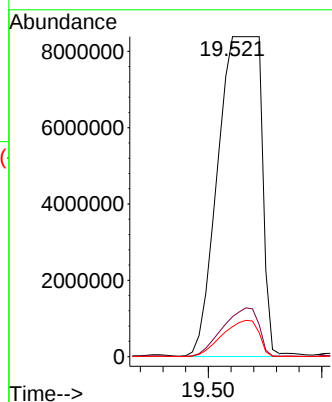
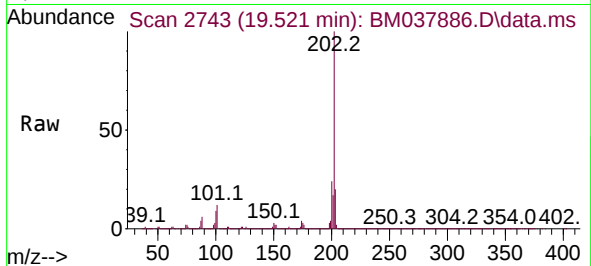
#80
Fluoranthene
Concen: 374.491 ng/ul m
RT: 19.521 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:202 Resp:22241382
Ion Ratio Lower Upper
202 100
101 12.5 8.6 13.0
100 9.3 6.6 10.0

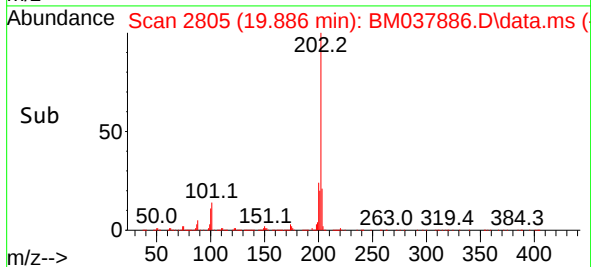
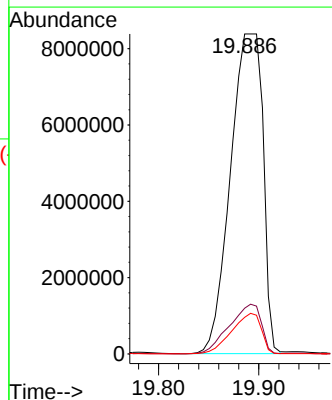
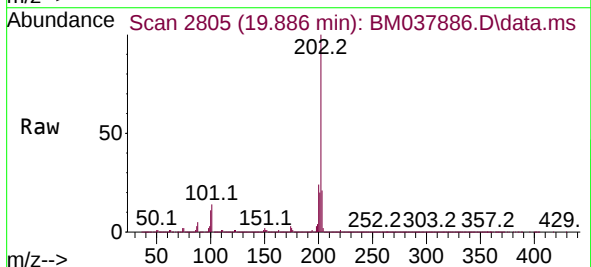
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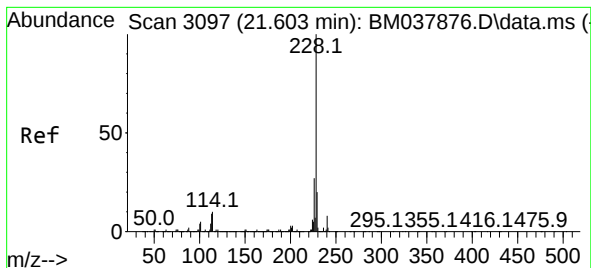
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#82
Pyrene
Concen: 305.196 ng/ul
RT: 19.886 min Scan# 2805
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:202 Resp:18864308
Ion Ratio Lower Upper
202 100
101 14.3 10.0 15.0
100 11.4 7.9 11.9





#85

Benzo(a)anthracene

Concen: 107.382 ng/u1

RT: 21.621 min Scan# 3100

Delta R.T. 0.012 min

Lab File: BM037886.D

Acq: 08 Dec 2022 14:45

Instrument :

BNA_M

ClientSampleId :

DBXL5

Tgt Ion:228 Resp: 6056334

Ion Ratio Lower Upper

228 100

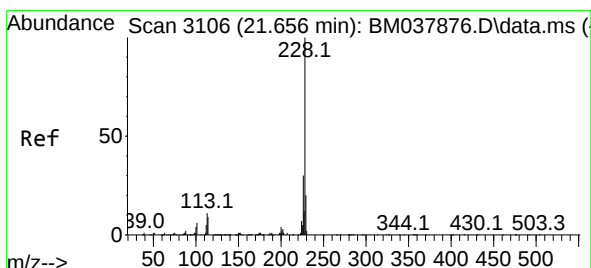
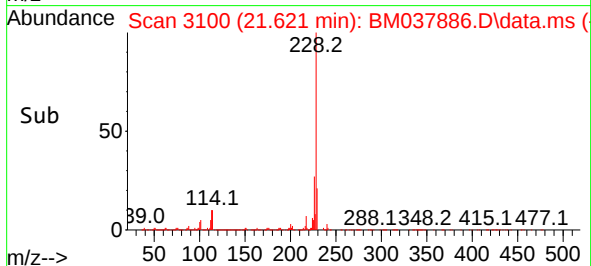
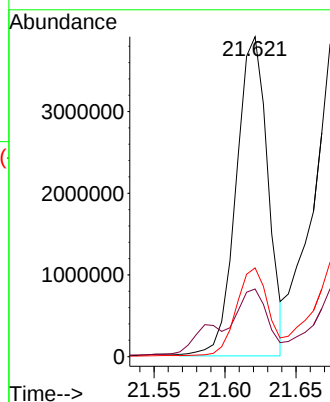
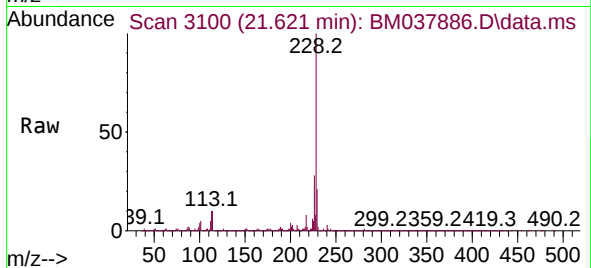
229 21.1 15.5 23.3

226 27.7 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#87

Chrysene

Concen: 130.873 ng/u1

RT: 21.680 min Scan# 3110

Delta R.T. 0.018 min

Lab File: BM037886.D

Acq: 08 Dec 2022 14:45

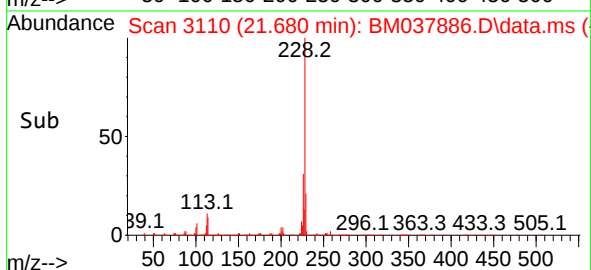
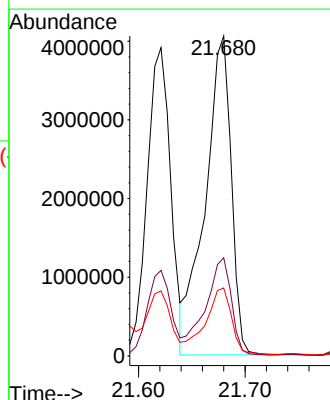
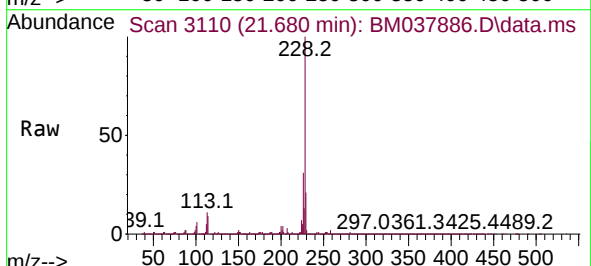
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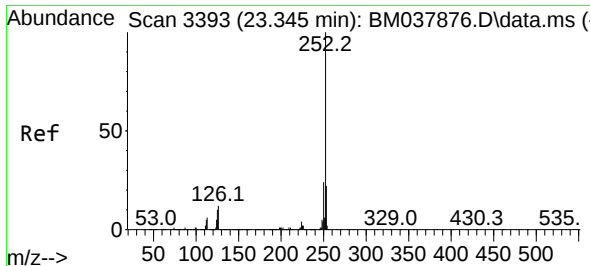
Ion Ratio Lower Upper

228 100

226 30.7 24.3 36.5

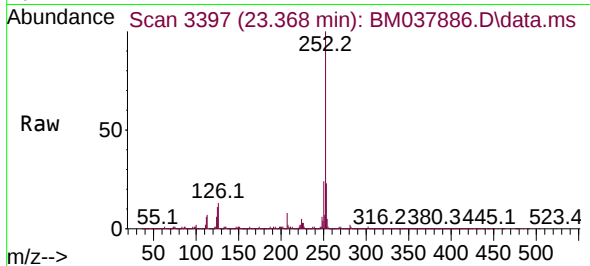
229 21.2 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 96.023 ng/ul
RT: 23.368 min Scan# 3397
Delta R.T. 0.024 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

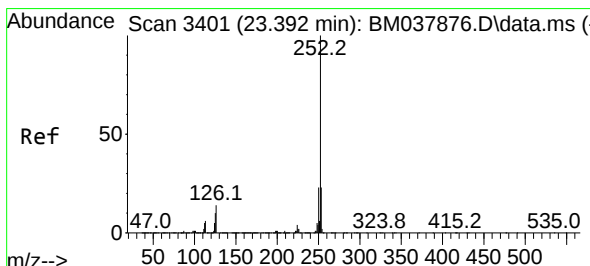
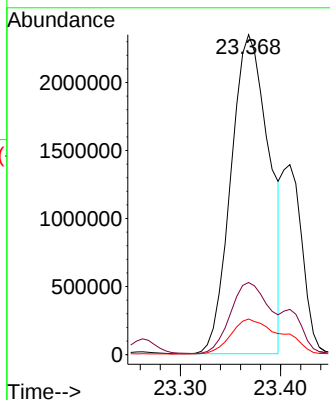
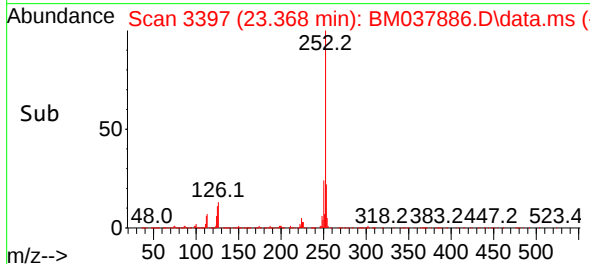
Instrument :
BNA_M
ClientSampleId :
DBXL5



Tgt Ion:252 Resp: 6210760
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.1 8.0 12.0

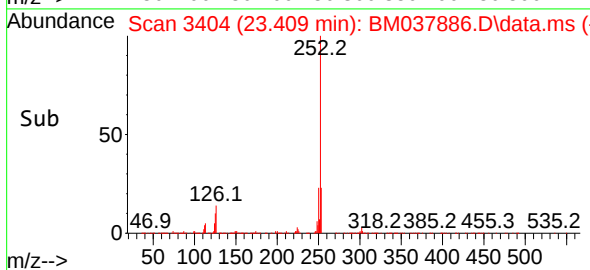
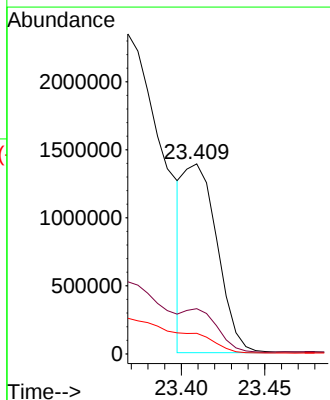
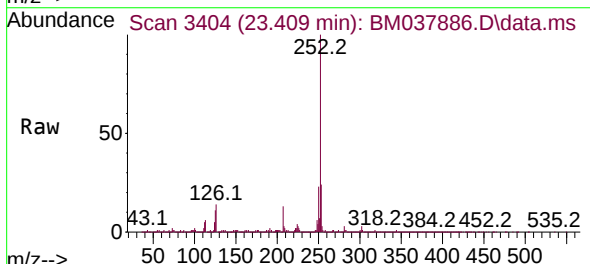
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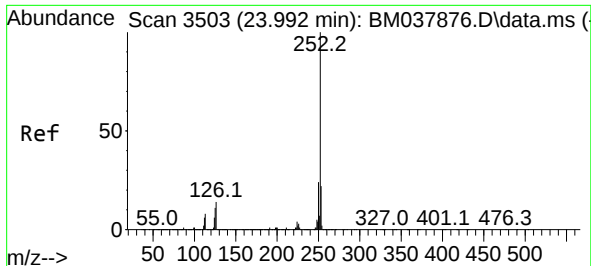
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#91
Benzo(k)fluoranthene
Concen: 30.734 ng/ul m
RT: 23.409 min Scan# 3404
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:252 Resp: 1926528
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.2
125 10.8 8.1 12.1





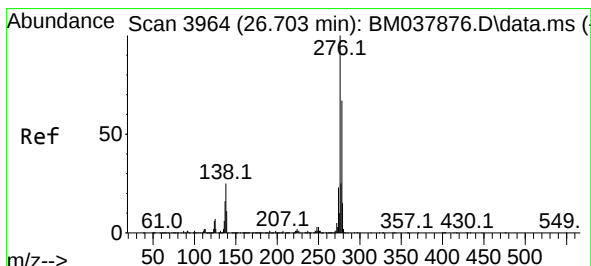
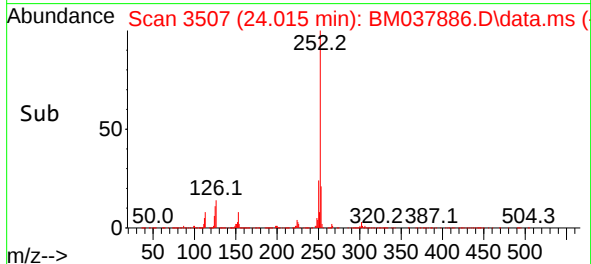
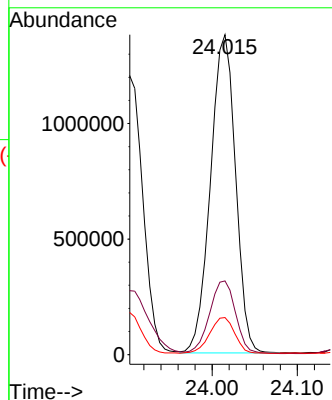
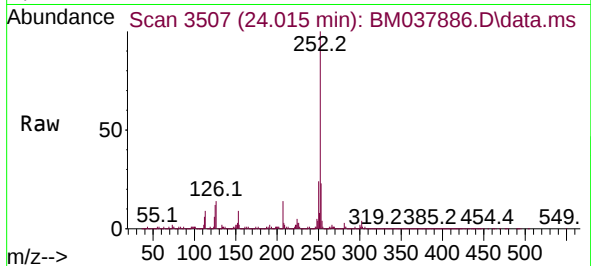
#93
Benzo(a)pyrene
Concen: 49.449 ng/ul
RT: 24.015 min Scan# 3507
Delta R.T. 0.018 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:252 Resp: 2812548
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.6 9.4 14.0

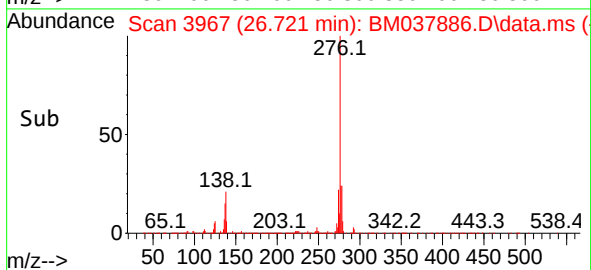
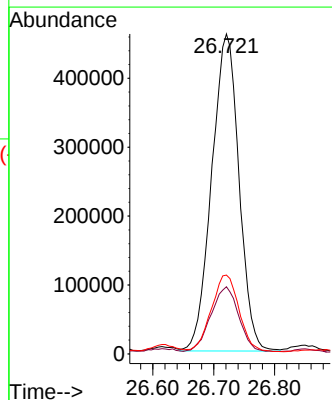
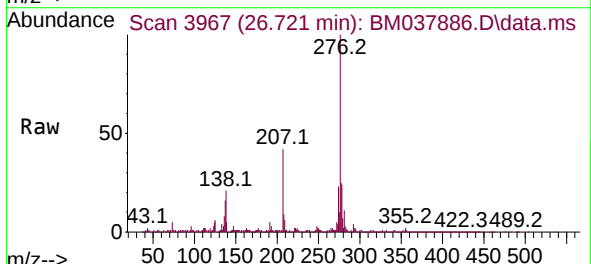
Manual Integrations
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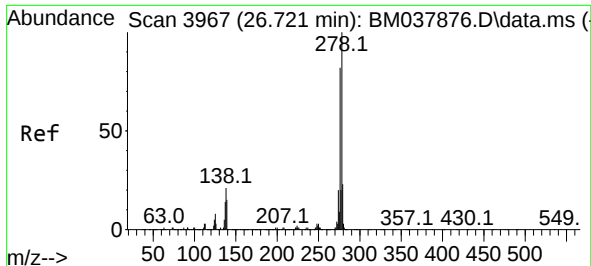
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.552 ng/ul
RT: 26.721 min Scan# 3967
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:276 Resp: 1432266
Ion Ratio Lower Upper
276 100
138 21.0 19.3 28.9
277 24.7 19.8 29.8





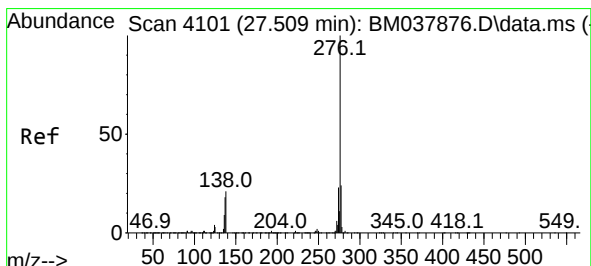
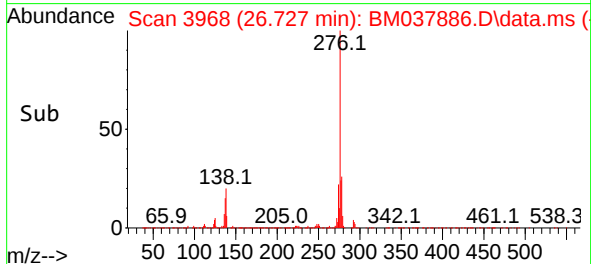
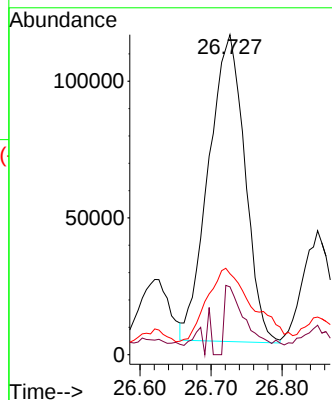
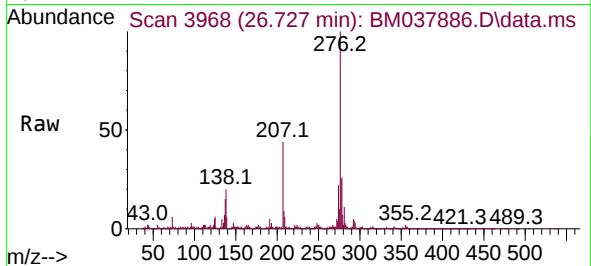
#95
Dibenzo(a,h)anthracene
Concen: 6.457 ng/ul
RT: 26.727 min Scan# 3967
Delta R.T. 0.000 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Instrument :
BNA_M
ClientSampleId :
DBXL5

Tgt Ion:278 Resp: 398716
Ion Ratio Lower Upper
278 100
139 21.2 12.4 18.6
279 25.3 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



#96
Benzo(g,h,i)perylene
Concen: 17.212 ng/ul
RT: 27.527 min Scan# 4104
Delta R.T. 0.012 min
Lab File: BM037886.D
Acq: 08 Dec 2022 14:45

Tgt Ion:276 Resp: 1006662
Ion Ratio Lower Upper
276 100
138 21.1 17.1 25.7
277 23.8 18.2 27.4

